



DRUGS

SYNONYMS & PROPERTIES

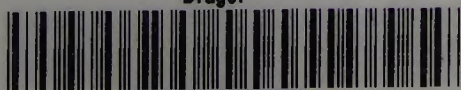
EDITED BY G W A MILNE

AN INTERNATIONAL GUIDE TO
DRUGS

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Drugs.



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DRUGS: SYNONYMS AND PROPERTIES

Drugs: Synonyms and Properties

Edited by
G W A Milne

Ashgate

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PREFACE

The United States Pharmacopeia (USP) contains over 14,000 drugs, each of which is a specific chemical compound with a biological activity that is medically useful. Most of these drugs have been developed commercially by the international pharmaceutical industry and, as a consequence, are associated with one or more trade names. Several names are frequently assigned to drugs, mainly for marketing purposes. Drugs are often manufactured and sold under license agreements with the original developer and acquire new names at this stage. In addition to all these trivial names which may be associated with a drug, it will have several chemical names, developed according to rules of nomenclature, which allow precise identification of the chemical involved. As a result of these factors, drugs usually have a number of aliases; an average of 5–6 is typical and very commonly-used drugs such as aspirin can have well over 100 different names or synonyms. Further, when drugs are sold in combination an entirely new family of names is developed for the combination.

The abundance of names has resulted in confusion. The consumer seeking information often has only one trivial name, one used, for example in an advertisement, and this name contains no information on the makeup or the use of the drug. The chemical name is essential to the scientist but gives no hint of the trade name and thus the ownership, licensing situation or general level of use of the drug remain obscure to this investigator.

This book has been compiled as an attempt to bring some clarity to the situation. Some 10,000 representative drugs in common use are

described here. Every drug has been given an Entry Name and, within each drug category, entries are arranged alphabetically by that Name. The Entry Name is that most commonly used for the material and is usually the US Adopted Name, that is, the name under which the drug is listed in the USP.

From the 14,000+ drugs contained in the USP, some 5,000 are in routine use. All of these, plus an additional 5,000 or so, are described in Part I. Compounds whose therapeutic activity is either trivial or obscure have been omitted from the database.

Drugs: Synonyms and Properties is organized by therapeutic category, with each category presented in alphabetical order. Drugs that have distinct activities, for example, an antiarrhythmic agent with coronary vasodilator properties, are found in each of the appropriate sections (*Antiarrhythmics* and *Coronary Vasodilators*). There is thus some duplication throughout Part I. Most authorities identify between 200 and 300 therapeutic categories. Some trivial categories, such as antiseptics, are not covered here and, as a result, Part I has 199 drug categories. (Two other groups, *Spermaticides* and *Alcohol and Tobacco Deterrents*, which are not true therapeutic agents have been appended to Part I.) This organization allows the reader, at a glance, to determine the number of drugs available as well as the different chemical families which may be present in a specific category. It is interesting, for example, to see how the database, with 483 penicillin-based antibiotics, 318 antihypertensives and 135 tranquilizers, but only 68 drugs used to manage Parkinson's disease, tends to reflect first world society and its perceived needs. The increasing sophistication of pharmaceutical research may also be discerned in categories such as the 40 ACE Inhibitors or the 18 Histamine H₂ Receptor Antagonists.

Within each record, the drug described is associated with its Chemical Abstracts Service (CAS) Registry Number (RN) (see Part II, Index 1). The RN is assigned by the CAS with great care to prevent association of the same number to more than one compound and has proved to be a useful unique identifier. Different chemicals can have the same molecular formula or may share a trivial name synonym and the CAS RN is the only datum which uniquely identifies a chemical to the exclusion of all other chemicals. Each record also provides, as available, two other numeric identifiers for the chemical. These are the monograph number from the Twelfth Edition of the Merck Index and the European Inventory of Existing commercial Chemical Substances (EINECS) Number (see Part II, Index 2). The chemical name, molecular formula, and a list of trade names and synonyms are provided; the physical properties of each compound are described and the known biological activity and

acute toxicity are recorded (see Part II, Index 3). Finally, the manufacturers and suppliers of the drug are listed (see Part III).

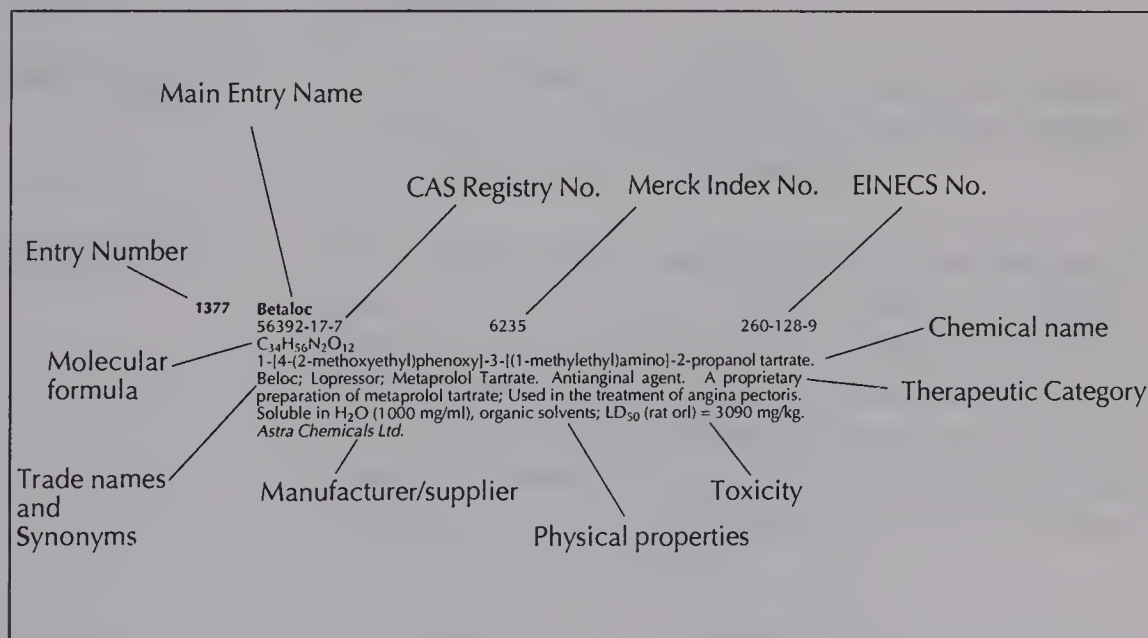
Established drugs are assets which pharmaceutical companies trade with one another and also license to third parties, exclusively or otherwise. In addition, corporate mergers, which have become increasingly common in recent years, cause the actual identity of a company to become a variable. For these reasons, both the owner and the supplier(s) of any specific drug are often difficult to determine with precision and, in this book, an attempt has been made to identify suppliers. The owner, if distinct from the supplier, is also identified but in a number of cases, where this is unclear, the original patent holder is listed.

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HOW TO USE THIS BOOK

A typical record from this book is shown below. Each of the major items in the record is identified. A record, identified by its Entry Number, may be located with the help of the indexes in Part II.



The entire book is organized by Entry Number, with Part I broken down into therapeutic category.

The Names and Synonyms Index in Part II is the master. It allows the reader to use any name or synonym for a compound to learn the Entry Number and thus locate the entry of that material. The entry contains all the names and synonyms that have been used for that drug. The CAS

RN and the EINECS Number are also indexed in Part II. If the reader knows either of these Numbers, the appropriate index will lead to the relevant entry or entries.

GLOSSARY OF UNITS

Units are associated exclusively with the properties of the drugs described in the various records in *Drugs: Synonyms and Properties*.

Name	Description
Melting point	This is expressed, implicitly, in degrees Celsius. Thus 184° is given for 184°C. If any other temperature scale is used, it is identified.
Boiling point	This is also given, implicitly, in degrees Celsius. If any other temperature scale is used, it is identified. A value such as 124° implies 124°C at normal atmospheric pressure (nominally 760 mm of mercury). When other pressures are operative, they are noted, in mm Hg, as a subscript. Thus 124° _{0.5} implies a boiling point of 124°C at a pressure of 0.5 mm mercury.
Density	The density, d , of materials is given in g/ml. The measurement temperature, if available, is given as a superscript, the temperature of the water reference as a subscript. Thus d_4^{25} means density at 25° referenced to water at 4°. The specific gravity (sg or SG) is the ratio of the density to that of water and is thus unitless.

Name	Description
Ultra-violet absorption spectra	The wavelengths, λ_m in nm (nanometers = 10^{-7} meter) of uv maxima are given and the absorption is in most cases also cited. The absorption is cited as an ϵ value, an E value or an A value. The E value, as in $E_{1\text{ cm}}^{1\%}$ is the absorption given by a 1% solution in the a cell of pathlength 1 cm and the A value, as in $A_{1\text{ cm}}^{1\%}$ is the extinction value given by a 1% solution in a cell of pathlength of 1 cm. In general E and A are logs, and are thus smaller numbers (usually 1–100) than ϵ , which is generally between 1,000 and 150,000.
Optical rotation	The optical rotation, α , of compounds is given in degrees, with a cited temperature and wavelength, where available. Thus $[\alpha]_D$ means a rotation measured at the sodium D line (589 nm) and $[\alpha]^{25}$ means a rotation measured at 25° but at an unspecified wavelength. The common notation, $[\alpha]_D^{25}$, means a rotation measured at 25°C and at the D line of sodium (589 nm). The measured rotation depends upon the concentration of the solution and the nature of the solvent and both of these are cited, when available. Concentration is often given as c, the concentration in g/100 ml, and a full citation of rotation would be $[\alpha]_D^{25} = 60^\circ$ (c = 1.25, EtOH).
Acute toxicity	The toxicity data in <i>Drugs: Synonyms and Properties</i> refers to acute toxicity and is generally cited as an LD_{50} value. The LD_{50} value is the quantity of chemical that is lethal to 50% of the tested animals and is usually expressed as the dose in milligrams, per kilogram of the animal's body weight. The animal species is given, as is the administration route. Both of these are abbreviated, as in the table opposite.

Species		Route	
rat	rat	iv	intravenous
mus	mouse	ip	intraperitoneal
gpg	guinea pig	sc	subcutaneous
hmtr	hamster	orl	oral
pgn	pigeon	ihl	inhalation
rbt	rabbit	im	intramuscular
qul	quail	ip	intraperitoneal
chick	chicken	gvg	gavage
dck	duck		
dog	dog		
mky	monkey		
eel	eel		

A typical toxicity citation may read: LD₅₀ (mus orl) = 154 mg/kg, meaning the LD₅₀ orally in mice is 154 mg/kg.

ABBREVIATIONS AND SYMBOLS

abs	absolute	c	concentration (g/1000 ml), in rota- tions
abs config	absolute configuration	C	Celsius (temperature scale)
Ac	acetyl ($\text{CH}_3\text{CO}-$)	C.I.	Colour Index (UK)
ACE	angiotensin-convert- ing enzyme	CH_3Cn	acetonitrile
ACTH	adrenocorticotrophic hormone	$\text{C}_5\text{H}_5\text{N}$	pyridine
AIDS	acquired immunode- ficiency syndrome	C_6H_6	benzene
alc	alcohol, alcoholic	C_7H_8	toluene
amp(s)	ampule(s)	Cbz	carbobenzoxy
amt(s)	amount(s)	cc	cubic centimeters (milliliters)
anhydr	anhydrous	CCl_4	carbon tetrachloride
approx	approximately	CCK	cholecystokinin
aq	aqueous	cf	compare
ATCC	American Type Culture Collection	CHCl_3	chloroform
atm	atmosphere, atmos- pheric	CH_2Cl_2	methylene chloride
biochem	biochemical	chick	chicken
biol	biological	cm	centimeter
bp	boiling point	CNS	central nervous system
Bu	butyl	CoA	coenzyme A
Bz	benzoyl ($\text{C}_6\text{H}_5\text{CO}-$)	compd	compound
		concn	concentration

d	density	H ₂ O	water
d	dextro(rotatory)	H ₂ SO ₄	sulfuric acid
dck	duck	HCl	hydrochloric acid
dec	decompose, decomposition	HIV	human immunodeficiency virus
dl-	racemic	HMG-CoA	3-hydroxy-3-methylglutaryl coenzyme A
DL-	racemic		
DMA	dimethylacetamide	hmtr	hamster
DMF	dimethylformamide	hr	hour
DMSO	dimethylsulfoxide	HT	hydroxytryptamine (serotonin)
DNA	deoxyribonucleic acid		
dog	dog	i.e.	that is
DOPA	dihydroxyphenylalanine	ihl	inhalation
		im	intramuscular
(E)-	(entgegen) opposite	incl	including
ED	effective dose	inorg	inorganic
EDTA	ethylenediamine tetraacetic acid	insol	insoluble
		ip	intraperitoneal
e.g.	for example	iPr-	isopropyl ((CH ₃) ₂ CH-)
EINECS	European Inventory of Existing commercial Chemical Substances	IR	infrared
		iv	intravenous
endo-	stereochemical descriptor	kcal	kilocalories
Et-	ethyl (C ₂ H ₅ -)	l	liter, levorotatory
EtOAc	ethyl acetate	λ (lambda)	wavelength
EtOH	ethanol	LC	lethal concentration
Et ₂ O	diethyl ether	LC ₅₀	median lethal concentration
exo-	stereochemical descriptor	LD	lethal dose
		LD ₅₀	median lethal dose
F	Fahrenheit (temperature scale)	log	common logarithm
ff	following	m-	meta
		MAO	monoamine oxidase
g	gram(s)	max	maximum, maxima
g/l	grams/liter	Me-	methyl (CH ₃ -)
gal	gallon(s)	Me ₂ CO	acetone
GI	gastrointestinal	MeOH	methanol
gpg	guinea pig	mg	milligram

min	minimum, minima	qul	quail
min	minute	(R)	rectus (stereo-chemical descriptor)
MLD	minimum lethal dose		
mp	melting point		
μg	microgram	rbt	rabbit
mmu, mmμ	millimicron (= nanometer, nm)	resp	respectively
mus	mouse	RNA	ribonucleic acid
		(S)	sinister (stereo-chemical descriptor)
N	normal, normality		
nm	nanometer		
NMR	nuclear magnetic resonance	s-	symmetrical
		sc	subcutaneous
NSAID	non-steroidal anti-inflammatory drug	sec	second
		sec-	secondary
NSC	National Service Center (of the National Cancer Institute)	SG, sg	specific gravity
		sol	soluble
		soln	solution
		spp.	species (plural)
NTP	normal temperature, pressure	STP	standard temperature, pressure
o-	ortho	t	symmetrical
OD	optical density	tech	technical
org	organic	temp	temperature
orl	oral	tert-	tertiary
		THF	tetrahydrofuran
p-	para		
pgn	pigeon	UK	United Kingdom
pH	acid-base scale (log of reciprocal hydrogen ion concentration)	USAN	United States Adopted Names
		USP	United States Pharmacopeia
pK	log of the reciprocal of the dissociation constant	UV	ultraviolet
		v/v	volume in volume
pOH	acid-base scale (log of reciprocal hydroxyl ion concentration)	VIS	visible
		viz.	namely
ppb	parts-per-billion	w/v	weight in volume
ppm	parts-per-million	w/w	weight in weight
Pr-	propyl (C ₃ H ₇ -)	wt	weight

(Z)-	(zusammen) on the same side	< ~ Å	less than approximately Angstrom units ($1\text{ Å} = 10^{-8}\text{ cm}$)
>	greater than		

Part I

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Drugs: Synonyms and Properties

Abortifacients

- 1 **Epostane**
80471-63-2 3664
 $C_{22}H_{31}NO_3$
4 α ,5-Epoxy-3,17 β -dihydroxy-4,17-dimethyl-5 α -androst-2-ene-2-carbonitrile.
Win-32729. Abortifacient. mp = 191-194°; $[\alpha]_D^{25}$ = 67.4° (c = 1 C_5H_5N). *Sterling Winthrop, Inc.*

- 2 **Gemeprost**
64318-79-2 4393 264-775-9
 $C_{23}H_{38}O_5$
Methyl (E)-7-[(1R,2R,3R)-3-hydroxy-2-[(E)-(3R)-3-hydroxy-4,4-dimethyl-1-octenyl]-5-oxocyclopentyl]-2-heptenoate.
SC-37681; 16,16-dimethyl-trans- Δ^2 -PGE₁ methyl ester; ONO-802; Cergem; Cervagem; Cervageme; Preglandin.
Abortifacient and oxytocic. Analog of prostaglandin E₁. Used in termination of first trimester pregnancy. *Searle, G.D., & Co.*

- 3 **Lilopristone**
97747-88-1
 $C_{22}H_{36}O_5$
11 β -[p-(Dimethylamino)phenyl]-17 β -hydroxy-17-[(Z)-3-hydroxypropenyl]estra-4,9-diene-3-one.
13 β -configured (type II) progestin antagonist.
Antiprogesterin; antigestagen; abortifacient.

- 4 **Mifepristone**
84371-65-3 6273
 $C_{29}H_{35}NO_2$
11 β -ip-(Dimethylamino)phenyl]-17 β -hydroxy-17-(1-propynyl)estra-4,9-dien-3-one.
RU-38486; RU-486; Mifegyne. Abortifacient. Used as a post-coital contraceptive. mp = 150°; $[\alpha]_D^{20}$ = 138.5° (c = 0.5 $CHCl_3$). *Roussel-UCLAF.*

- 5 **Prostaglandin E₂**
363-24-6 8064 206-656-6
 $C_{20}H_{32}O_5$
(5Z,11 α ,13E,15S)-11,15-Dihydroxy-9-oxoprost-5,13-dien-1-oic acid.
dinoprostone; PGE₂; U-12062; Cerviprost; Minprostin E₂; Prepidil; Propress; Prostarmon-E; Prostin E₂. Abortifacient and oxytocic. mp = 66-68°; $[\alpha]_D^{26}$ = -61° (c = 1 THF). *Pharmacia & Upjohn, Inc.*

- 6 **Prostaglandin F_{2a}**
551-11-1 8065
 $C_{20}H_{34}O_5$
(5Z,9 α ,11 α ,13E,15S)-9,11,15-Trihydroxyprosta-5,13-dien-1-oic acid.
dinoprost; PGF_{2 α} ; U-14583; Enzaprost F; Glandin; Prostremon F. Abortifacient and oxytocic. mp = 25-35°; $[\alpha]_D^{25}$ = 23.5° (c = 1 THF); soluble in MeOH, EtOH, EtOAc, $CHCl_3$; slightly soluble in H_2O ; LD₅₀ (rbt iv) = 2.5-5.0 mg/kg, (rbt im) = 2.5-5.0 mg/kg. *Pharmacia & Upjohn, Inc.*

- 7 **Prostaglandin F_{2a} Tromethamine Salt**
38562-01-5 8065 254-002-3
 $C_{24}H_{45}NO_8$

(5Z,9 α ,11 α ,13E,15S)-9,11,15-Trihydroxyprosta-5,13-dien-1-oic acid salt with 2-amino-2-hydroxymethyl-1,3-propanediol.

Lutalyse; Prostin F₂ Alpha. Abortifacient and oxytocic. mp = 100-101°; soluble in H_2O (> 20 g/100 ml). *Pharmacia & Upjohn, Inc.*

- 8 **Sulprostone**
60325-46-4 9165 262-173-0
 $C_{23}H_{31}NO_7S$
[1R[1 α (Z),2 β (1E,3R*),3 α]-7-[3-Hydroxy-2-(3-hydroxy-4-phenoxy-1-butenyl)-5-oxocyclopentyl]-N-(methylsulfonyl)-5-heptenamide.
CP-34089; SHB-286; ZK-57671; Nalador. Abortifacient. Colorless oil. *Pfizer Inc.*

- 9 **Trichosanthin**
60318-52-7 9780
GLQ-223.
Tian Hua Fen. Abortifacient. Basic polypeptide of 224 units. Active component of the traditional Chinese medicine, Tian Hua Fen (*Radix trichosanthis*). Crystalline solid.

ACE Inhibitors

- 10 **Alacepril**
74258-86-9 202
 $C_{20}H_{26}N_2O_5S$
N-[1-[(S)-3-Mercapto-2-methylpropionyl]-L-prolyl]-3-phenyl-L-alanine acetate (ester).
DU-1219; Cetapril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 155-156°; $[\alpha]_D^{25}$ = -81.3° (c = 1.02 EtOH); LD₅₀ (rat orl) > 5000 mg/kg, (rat sc) > 3000 mg/kg, (rat ip) $\approx$ 2000 mg/kg, (mus orl) > 5000 mg/kg, (mus sc) > 3000 mg/kg, (mus ip) $\approx$ 3000 mg/kg. *Dainippon Pharmaceutical Co.*

- 11 **Benazepril**
86541-75-5 1058
 $C_{24}H_{28}N_2O_5$
(3S)-3-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid 3-ethyl ester.
CGS-14824A; Briem; Cibacen; Cibacène; Lotensin. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 148-149°; $[\alpha]_D$ = -159° (c = 1.2 EtOH). *Ciba-Geigy Corp.*

- 12 **Benazepril Hydrochloride**
86541-74-4 1058
 $C_{24}H_{29}ClN_2O_5$
(3S)-3-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid 3-ethyl ester hydrochloride.
Lotensin; CGS-14824A HCl; component of: Lotensin-HCT, Lotrel, Lotrel capsules. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 188-190°; $[\alpha]_D$ = -141° (c = 0.9 EtOH). *Ciba-Geigy Corp.*

- 13 **Benazeprilate**
86541-78-8 1058
 $C_{22}H_{24}N_2O_5$
(3S)-3-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-2,3,4,5-

tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid.
CGS-14831. Angiotensin-converting enzyme inhibitor.
Used to treat hypertension. mp = 270-272°; $[\alpha]_D^{20} = -200.5^\circ$ (c = 1 in 3% aq. NaOH). *Ciba-Geigy Corp.*

14 Captopril

62571-86-2 1817 263-607-1
 $C_9H_{15}NO_3S$
1-[(2S)-3-Mercapto-2-methylpropionyl]-L-proline.
Capoten; SQ-14225; Acediur; Acepril; Aceplus;
Alopresin; Acepress; Capoten; Captoplane; Captopril;
Cesplon; Dilabar; Garranil; Hipertil; Lopirin; Lopril;
Tensobon; Tensoprel; component of: Capozide, Acezide,
Captea, Ecazide. Angiotensin-converting enzyme
inhibitor. Used to treat hypertension. Orally active. mp =
103-104°, 86°, 87-88°, 104-105°; $[\alpha]_D^{22} = -131.0^\circ$ (c = 1.7
EtOH); freely soluble in H₂O, EtOH, CHCl₃, CH₂Cl₂; LD₅₀
(mus iv) = 1040 mg/kg, (mus orl) = 6000 mg/kg.
Apothecon; Bristol-Myers Squibb Co.

15 Ceronapril

111223-26-8 2038
 $C_{21}H_{33}N_2O_6P$
1-[(2S)-6-Amino-2-hydroxyhexanoyl]-L-proline hydrogen
(4-phenylbutyl)phosphonate (ester).
SQ-29852; Ceronapril. Angiotensin-converting enzyme
inhibitor. Used to treat hypertension. mp = 190-195°;
 $[\alpha]_D^{20} = -47.5^\circ$ (c = 1 MeOH). *Bristol-Myers Squibb Co.*

16 Cilazapril

92077-78-6 2332
 $C_{22}H_{31}N_2O_5 \cdot H_2O$
(1S,9S)-9-[(1S)-1-Carboxy-3-phenylpropyl]amino]-
octahydro-10-oxo-6H-pyridazino[1,2-a][1,2]diazepine-1-
carboxylic acid 9-ethyl ester monohydrate.
Inhibace; Ro-312848/006; Dynorm; Initiss; Justor;
Vasace. Angiotensin-converting enzyme inhibitor. Used
to treat hypertension. mp = 95-97°; $[\alpha]_D^{20} = -62.51^\circ$ (c = 1
EtOH); [Free acid (cilazaprilat; Ro 31-3113)]: mp = 242°;
 $[\alpha]_D^{20} = -74.7^\circ$ (c = 0.5 0.1M NaOH). *Hoffmann-LaRoche
Inc.*

17 Delapril

83435-66-9 2928
 $C_{26}H_{32}N_2O_5$
Ethyl (S)-2-[[[(S)-1-[(carboxymethyl)-2-indanylcabamoyl]-
ethyl]amino]-4-phenylbutyrate.
Alindapril; Indalapril. Angiotensin-converting enzyme
inhibitor. Used to treat hypertension. *Takeda.*

18 Delapril Hydrochloride

83435-67-0 2928
 $C_{26}H_{33}ClN_2O_5$
Ethyl (S)-2-[[[(S)-1-[(carboxymethyl)-2-indanylcabamoyl]-
ethyl]amino]-4-phenylbutyrate monohydrochloride.
REV-6000A; CV-3317; Adecut; Cupressin. Angiotensin-
converting enzyme inhibitor. Used to treat hypertension.
mp = 166-170°; $[\alpha]_D^{22} = 18.5^\circ$ (c = 1 MeOH). *Takeda.*

19 Enalapril

75847-73-3 3605
 $C_{20}H_{28}N_2O_5$
1-[N-[(S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-L-proline
1'-ethyl ester.
Angiotensin-converting enzyme inhibitor. Used to treat

hypertension. *Merck & Co., Inc.*

20 Enalapril Maleate

76095-16-4 3605 278-375-7
 $C_{24}H_{32}N_2O_9$
1-[N-[(S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-L-proline
1'-ethyl ester maleate (1:1).
Enacard; Renitec; Vasotec; MK-421; Amprace; Bitensil;
Cardiovet; Enaloc; Enapren; Glioten; Hipoartel; Innovace;
Lotrial; Olivin; Pres; Reniten; Renivace; Xanef;
component of: Vaseretic, Acesistem, Co-Renitec,
Innozide, Renacor, Xynertec. Angiotensin-converting
enzyme inhibitor. Used to treat hypertension. mp = 143-
144.5°; $[\alpha]_D^{25} = -42.2^\circ$ (c = 1 MeOH); soluble in H₂O (2.5
g/100 ml), EtOH (8 g/100 ml), MeOH (20 g/100 ml).
Merck & Co., Inc.

21 Enalaprilat

76420-72-9 3606 278-459-3
 $C_{18}H_{24}N_2O_5 \cdot 2H_2O$
1-[N-[(S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-L-proline
dihydrate.
enalaprilic acid; MK-422; Vasotec Injection; Vasotec IV.
Angiotensin-converting enzyme inhibitor. Used to treat
hypertension. mp = 148-151°; $[\alpha]_D^{20} = -67.0^\circ$ (0.1M HCl).
Merck & Co., Inc.

22 Fasidotril

135038-57-2
 $C_{23}H_{25}NO_6S$
N-[(S)-α-(Mercaptomethyl)-3,4-(methylenedioxy)-
hydrocinnamoyl]-L-alanine benzyl ester acetate (ester).
An ACE inhibitor.

23 Fosinopril

98048-97-6 4282
 $C_{30}H_{46}NO_6P$
(4S)-4-Cyclohexyl-1-[[[(R)-[(S)-1-hydroxy-2-
methylpropoxy](4-phenylbutyl)phosphinyl]acetyl]-L-
proline propionate (ester).
fosinopril. Angiotensin-converting enzyme inhibitor.
Used to treat hypertension. [diacid (SQ-27519)]: mp =
149-153°; $[\alpha]_D^{20} = -24^\circ$ (c = 1 MeOH). *Squibb, E.R. & Sons.*

24 Fosinopril Sodium

88889-14-9 4282
 $C_{30}H_{45}NNaO_7P$
(4S)-4-Cyclohexyl-1-[[[(R)-[(S)-1-hydroxy-2-
methylpropoxy](4-phenylbutyl)phosphinyl]acetyl]-L-
proline propionate (ester) sodium salt.
SQ-28555; Monopril; Acecor; Secorvas; Staril.
Angiotensin-converting enzyme inhibitor. Used to treat
hypertension. *Mead Johnson Pharmaceuticals.*

25 Goralatide

120081-14-3
 $C_{20}H_{33}N_5O_9$
1-[N'-[N-(N-acetyl-L-seryl)-L-α-aspartyl]-L-lysyl]-L-
proline.
ACE inhibitor.

26 Idrapril

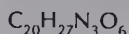
127420-24-0
 $C_{11}H_{18}N_2O_5$
(1S,2R)-2-
[[[(Hydroxycarbamoyl)methyl]methylcarbamoyl]cyclohex

anecarboxylic acid.

An ACE inhibitor. Used as an antihypertensive agent.

27 Imidapril

89371-37-9 4947



(S)-3-(N-[(S)-1-Ethoxycarbonyl-3-phenylpropyl]-L-alanyl)-1-methyl-2-oxoimidazoline-4-carboxylic acid.

Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 139-140°; $[\alpha]_D^{20} = -71.7^\circ$ (c = 0.5 EtOH). *Tanabe Seiyaku*.

28 Imidapril Hydrochloride

89396-94-1 4947

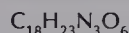


(S)-3-(N-[(S)-1-Ethoxycarbonyl-3-phenylpropyl]-L-alanyl)-1-methyl-2-oxoimidazoline-4-carboxylic acid monohydrochloride.

TA-6366; Novaloc; Tanapril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 214-216° (dec); $[\alpha]_D^{20} = -64.1^\circ$ (c = 0.5 EtOH). *Tanabe Seiyaku*.

29 Imidaprilat

89371-44-8 4947

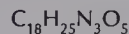


(S)-3-(N-[(S)-1-Carboxyl-3-phenylpropyl]-L-alanyl)-1-methyl-2-oxoimidazoline-4-carboxylic acid.

imidaprilate. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 239-241°; $[\alpha]_D^{19} = -88.4^\circ$ (c = 1 5% NaHCO₃). *Tanabe Seiyaku*.

30 Libenzapril

109214-55-3



N-[(3S)-1-(Carboxymethyl)-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepin-3-yl]-L-lysine.

CGS-16617. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Ciba-Geigy Corp.*

31 Lisinopril

83915-83-7 5540

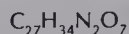


1-[N-[(S)-1-Carboxy-3-phenylpropyl]-L-lysyl]-L-proline dihydrate.

Prinivil; MK-521; Acerbon; Alapril; Carace; Coric; Novatec; Prinil; Tensopril; Vivatec; Zestril; RS-10029; component of: Prinzide. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. $\lambda_m = 246, 254, 258, 261, 267$ nm ($A_{1\text{ cm}}^{1\%}$ 4.0, 4.5, 5.1, 5.1, 3.7 0.1N NaOH), 246 253, 258, 264, 267 nm ($A_{1\text{ cm}}^{1\%}$ 3.2, 3.9, 4.5, 3.0, 2.8 0.1NHCl); $[\alpha]_{405}^{25} = -120^\circ$ (c = 1 0.25M Zn(OAc)₂ pH 6.4), $[\alpha]_{436}^{25} = -96^\circ$ (c = 1 0.25M Zn(OAc)₂ pH 6.4); soluble in H₂O (9.7 g/100 ml), MeOH (1.4 g/100 ml); effectively insoluble (< 10 mg/100 ml) in EtOH, Me₂CO, CHCl₃, DMF. *Merck & Co., Inc.*

32 Moexipril

103775-10-6



(3S)-2-[(2S)-N-[(1S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylic acid 2-ethyl ester.

Angiotensin-converting enzyme inhibitor. Used to treat

hypertension. *Schwarz Pharma Kremers Urban Co.*

33 Moexipril Hydrochloride

82586-52-5

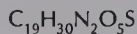


(3S)-2-[(2S)-N-[(1S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylic acid 2-ethyl ester hydrochloride.

Univasc; SPM-925; CI 925; RS-10085-197. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Schwarz Pharma Kremers Urban Co.*

34 Moveltipril

85856-54-8 6368

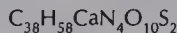


(-)-1-[(2S)-3-Mercapto-2-methylpropionyl]-L-proline ester with N-(cyclohexylcarbonyl)thio-D-alanine.

altipril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 113-116°; $[\alpha]_D = 14.2^\circ$ (c = 1.05 MeOH). *Chugai Pharmaceutical Co., Ltd.*

35 Moveltipril Calcium

85921-53-5 6368

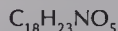


(-)-1-[(2S)-3-Mercapto-2-methylpropionyl]-L-proline ester with N-(cyclohexylcarbonyl)thio-D-alanine calcium salt (2:1).

MC-838; Lowpres. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp $\approx 190^\circ$; $[\alpha]_D^{20} = -48^\circ$ to -52° (c = 1 MeOH); very soluble in H₂O, MeOH; soluble in EtOH, CHCl₃; insoluble in Me₂CO, EtOAc; LD₅₀ (mmus orl) > 10.0 g/kg, (mmus ip) = 2.1 g/kg, (mmus sc) = 3.0 g/kg, (fmsc orl) > 10 g/kg, (fmsc ip) = 2.3 g/kg, (fmsc sc) = 3.8 g/kg, (mrat orl) > 10.0 g/kg, (mrat ip) = 1.3 g/kg, (mrat sc) = 3.4 g/kg, (frat orl) > 10.0 g/kg, (frat ip) = 1.3 g/kg, (frat sc) = 3.9 g/kg, (mdog orl) > 6.0 g/kg, (fdog orl) > 6.0 g/kg. *Chugai Pharmaceutical Co., Ltd.*

36 Pentopril

82924-03-6

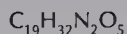


Ethyl (αR,σR,2S)-2-carboxy-α,σ-dimethyl-δ-oxo-1-indoline valerate.

CGS-13945. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Ciba-Geigy Corp.*

37 Perindopril

82834-16-0 7311

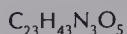


(2S,3aS,7aS)-1-[(S)-N-[(S)-1-Carboxybutyl]alanyl]-hexahydro-2-indolinecarboxylic acid.

S-9490-3; McN-A-2833. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. [diacid form (perindoprilat; S-9780)]. *McNeil Pharmaceutical*.

38 Perindopril tert-Butylamine

107133-36-8 7311



(2S,3aS,7aS)-1-[(S)-N-[(S)-1-Carboxybutyl]alanyl]hexahydro-2-indolinecarboxylic acid tert-butylamine salt.

perindopril erbumine; S-9490-3; McN-A-2833-109; Aceon; Coversum; Coversyl; Procapitan. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *McNeil Pharmaceutical*.

39 Quinapril

85441-61-8 8233

$C_{25}H_{30}N_2O_5$
(S)-2-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid 1-ethyl ester.

component of: Accuretic; Acequide; Koretic. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Parke-Davis*.

40 Quinapril Hydrochloride

82586-55-8 8233

$C_{25}H_{31}ClN_2O_5$
(S)-2-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid 1-ethyl ester monohydrochloride.

CI-906; Accupril; PD-109452-2; Accuprin; Acequin; Acuitel; Korec; Quinazil; component of: Accuretic. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 120-130°, 119-121.5°; $[\alpha]_D^{23} = 14.5^\circ$ (c = 1.2 EtOH), $[\alpha]_D^{25} = 15.4^\circ$ (c = 2.0 MeOH); LD₅₀ (mmus orl) = 1739 mg/kg, (mmus iv) = 504 mg/kg, (fmus orl) = 1840 mg/kg, (fmus iv) = 523 mg/kg, (mrat orl) = 4280 mg/kg, (mrat iv) = 158 mg/kg, (frat orl) = 3541 mg/kg, (frat iv) = 107 mg/kg. *Parke-Davis*.

41 Quinaprilat

82768-85-2 8233

$C_{23}H_{26}N_2O_5$
(S)-2-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid.

CI-928. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 166-168°; $[\alpha]_D^{23} = 20.9^\circ$ (c = 1 MeOH). *Parke-Davis*.

42 Ramipril

87333-19-5 8283

$C_{23}H_{32}N_2O_5$
(2S,3aS,6aS)-1-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]octahydrocyclopenta[b]-pyrrole-2-carboxylic acid.

Altace; HOE-498; Cardace; Delix; Pramace; Quark; Ramace; Triatec; Tritace; Unipril; Vesdil. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 109°; $[\alpha]_D^{24} = 33.2^\circ$ (c = 1 0.1N ethanolic HCl); LD₅₀ (mmus iv) = 1194 mg/kg, (mmus orl) = 10933 mg/kg, (fmus iv) = 1158 mg/kg, (fmus orl) = 10048 mg/kg, (mrat iv) = 687 mg/kg, (mrat orl) > 10000 mg/kg, (frat iv) = 608 mg/kg, (frat orl) > 10000 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.*

43 Sampatrilat

129981-36-8

$C_{26}H_{40}N_4O_9S$
N-[[1-[(S)-3-[(S)-6-Amino-2-methanesulfonamido-hexanamido]-2-carboxypropyl]cyclopentyl]carbonyl]-L-tyrosine.

A novel dual inhibitor of both angiotensin-converting enzyme (ACE) and neutral endopeptidase (NEP). Antihypertensive.

44 Spirapril

83647-97-6 8905

$C_{22}H_{30}N_2O_5S_2 \cdot 0.5H_2O$
(8S)-7-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,4-dithia-7-azaspiro[4.4]nonane-8-carboxylic acid 1-ethyl

ester.

Angiotensin-converting enzyme inhibitor. Used to treat hypertension. $[\alpha]_D^{26} = -29.5^\circ$ (c = 0.2 EtOH). *Schering Corp.*

45 Spirapril Hydrochloride

94841-17-5 8905

$C_{22}H_{31}ClN_2O_5S_2$
(8S)-7-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,4-dithia-7-azaspiro[4.4]nonane-8-carboxylic acid 1-ethyl ester monohydrochloride.

Sch-33844; TI-211-950; Renormax; Renpress; Sandopril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 192-194° (dec); $[\alpha]_D^{26} = -11.2^\circ$ (c = 0.4 EtOH). *Schering Corp.*

46 Spiraprilat

83602-05-5 8905

$C_{20}H_{26}N_2O_5S_2 \cdot 0.5H_2O$
(8S)-7-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,4-dithia-7-azaspiro[4.4]nonane-8-carboxylic acid.

Sch-33861; spiraprilic acid. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 163-165° (dec); $[\alpha]_D^{26} = 4.1^\circ$ (c = 0.4 EtOH). *Schering Corp.*

47 Temocapril

111902-57-9 9287

$C_{23}H_{28}N_2O_5S_2$
(+)-(2S,6R)-6-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]tetrahydro-5-oxo-2-(2-thienyl)-1,4-thiazepine-4(5H)-acetic acid 6-ethyl ester.

Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 168°; $[\alpha]^{23} = 40^\circ$ (c = 1.1 DMF). *Sankyo*.

48 Temocapril Hydrochloride

110221-44-8 9287

$C_{23}H_{29}ClN_2O_5S_2$
(+)-(2S,6R)-6-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]tetrahydro-5-oxo-2-(2-thienyl)-1,4-thiazepine-4(5H)-acetic acid 6-ethyl ester monohydrochloride.

CS-622. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 187° (dec); $[\alpha]_D^{25} = 47.7^\circ$ (c = 1 DMF); LD₅₀ (mus orl) > 5000 mg/kg, (rat orl) > 5000 mg/kg, (dog orl) > 800 mg/kg. *Sankyo*.

49 Temocaprilate

110221-53-9 9287

$C_{21}H_{24}N_2O_5S_2$
(+)-(2S,6R)-6-[[[(1S)-1-carboxy-3-phenylpropyl]amino]tetrahydro-5-oxo-2-(2-thienyl)-1,4-thiazepine-4(5H)-acetic acid.

temocaprilat; RS-5139. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 246° (dec); $[\alpha]_D^{25} = 63.4^\circ$ (c = 1 DMF). *Sankyo*.

50 Teprotide

35115-60-7

$C_{53}H_{76}N_{14}O_{12}$
5-Oxo-L-prolyl-L-tryptophyl-L-prolyl-L-arginyl-L-prolyl-L-glutamyl-L-isoleucyl-L-prolyl-L-proline.
SQ-20881. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Bristol-Myers Squibb Co.*

51 Trandolapril

87679-37-6 9703

 $C_{24}H_{34}N_2O_5$ (2S,3aR,7aS)-1-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]-alanyl]hexahydro-2-indolinecarboxylic acid 1-ethyl ester. RU-44570; Odrlik; Gopten. Angiotensin-converting enzyme inhibitor, for hypertension. *Roussel-UCLAF*.**52 Trandolaprilate**

87679-71-8 9703

 $C_{22}H_{30}N_2O_5$ (2S,3aR,7aS)-1-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]-alanyl]hexahydro-2-indolinecarboxylic acid. RU-44403; trandolaprilat. Angiotensin-converting enzyme inhibitor, for hypertension. *Roussel-UCLAF*.**53 Utibapril**

109683-61-6

 $C_{23}H_{31}N_3O_5S$ (S)-2-tert-Butyl-4-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]- Δ^2 -1,3,4-thiadiazoline-5-carboxylic acid 4-ethyl ester.

FPL-63547. Angiotensin-converting enzyme (ACE) inhibitor with a proposed tissue-specific inhibitory profile.

54 Utibaprilat

109683-79-6

 $C_{20}H_{27}N_3O_5S$ (S)-2-tert-Butyl-4-[(S)-N-[(S)-1-carboxy-3-phenylpropyl]-alanyl]- Δ^2 -1,3,4-thiadiazoline-5-carboxylic acid. Angiotensin-converting enzyme (ACE) inhibitor with a proposed tissue-specific inhibitory profile.**55 Zabcipril**

83059-56-7

 $C_{23}H_{32}N_2O_5$

(3S)-2-[(2S)-N-[(1S)-1-Carboxy-2-phenylpropyl]alanyl]-2-azabicyclo[2.2.2]octane-3-carboxylic acid 1-ethyl ester. S-9650. Prodrug of zabciprilat. Angiotensin I-converting enzyme inhibitor.

56 Zabciprilat

90103-92-7

 $C_{21}H_{28}N_2O_5$

(S)-2-[(S)-N-[(S)-1-Carboxy-2-phenylpropyl]alanyl]-2-azabicyclo[2.2.2]octane-3-carboxylic acid. S-10211. Active metabolite of zabcipril. Angiotensin I-converting enzyme inhibitor.

57 Zofenopril Calcium

81938-43-4

 $C_{44}H_{44}CaN_2O_8S_4$ (4S)-N-[(s)-3-Mercapto-2-methylpropionyl]-4-(phenylthio)-L-proline benzoate (ester) calcium salt. SQ-26991; Zoprace. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Bristol-Myers Squibb Co*.**Adrenocortical Suppressants****58 Aminoglutethimide**

125-84-8 460 204-756-4

 $C_{13}H_{16}N_2O_2$

2-(p-Aminophenyl)-2-ethylglutarimide. Cyadren; Elipten; Orimeten. Adrenocortical suppressant

and antineoplastic agent. Has been used in treatment of Cushing's syndrome and other adrenal hormone disorders and in palliative treatment of breast cancer. mp = 149-150°; freely soluble in most organic solvents; poorly soluble in EtOAc, EtOH; insoluble in H₂O; [hydrochloride]: mp = 223-225°; soluble in H₂O. *Ciba-Geigy Corp*.**59 Trilostane**

13647-35-3 9827 237-133-0

 $C_{20}H_{27}NO_3$ 4 α ,5 α -Epoxy-3,17 β -dihydroxyandrost-2-ene-2-carebonitrile. Win-24540; Desopan; Modrastane; Modrenal. Adrenocortical suppressant; used in the treatment of breast cancer. In clinical trials prior to 1983. mp = 257.8-270°; $[\alpha]_D^{25}$ = 137.4° (c = 1 C₅H₅N); λ_m = 252 nm (ϵ 8300 EtOH). *Sterling Winthrop, Inc*.**Adrenocorticotrophic Hormones****60 ACTH**

9002-60-2 136 232-659-7

Corticotropin. adrenocorticotropin; adrenocorticotrophin; Acethropan; Acortan; Acorto; Acthar; Acton; Actonar; Adrenomone; Alfatrofin; Cibacthen; Corstiline; Cortiphyson; Cortrophimn; Isactid; Reacthin; Solacthyl; Tubex; Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-NH₂. Single chain peptide with 39 amino acid residues; isolated from the pituitary gland. Adrenocorticotrophic hormone, used to stimulate glucocorticoid production. Freely soluble in H₂O; appreciably soluble in 70% aqueous alcohol or Me₂OH. *Pharmacia & Upjohn, Inc.*; *Ciba plc*; *Parke-Davis*.**61 Cosyntropin**

16960-16-0 2617 241-031-1

 $C_{136}H_{210}N_{40}O_{31}S$ α^{1-24} -Corticotropin. tetracosactide; β^{1-24} -corticotropin; tetracosactrin; Actholain; Cortrosinta; Cortrosyn; Synacthen. Analog of ACTH. Used to stimulate glucocorticoid production. [hexaacetate tetradecahydrate]: $[\alpha]_D^{22}$ = -88° $\pm$ 2° (c = 0.511 1% AcOH). *Ciba plc*.**62 Ebiratide**

105250-86-0

 $C_{48}H_{73}N_{11}O_{10}S$

L-Methionyl-L-glutamyl-L-histidyl-L-phenylalanyl-D-lysyl-N-(8-aminooctyl-L-phenylalaninamide S,S-dioxide. An adrenocorticotrophic hormone. An ACTH analog.

63 Giractide

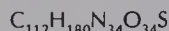
24870-04-0 4435

 $C_{100}H_{156}N_{34}O_{22}S$ 1-Glycine-18-L-argininamide- $\alpha^{(1-18)}$ -corticotropin. Gly-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-NH₂. Polypeptide corresponding to the first 18 residues of corticotropin with the 1-serine replaced by glycine. Used to stimulate glucocorticoid production. $[\alpha]_D^{23.5}$ = -51.4° $\pm$ 1.9° (c = 0.472 0.1N AcOH);

λ_m = 281, 288 nm (ϵ 6750, 6490 0.1N NaOH). *Shionogi & Co., Ltd.*

64 Giractide Hexaacetate Salt

29365-11-5 4435



1-Glycine-18-L-argininamide- $\alpha^{(1-18)}$ -corticotropin hexaacetate salt.

S-50022; Acthormon. Polypeptide corresponding to the first 18 residues of corticotropin with the 1-serine replaced by glycine. Used to stimulate glucocorticoid production. *Shionogi & Co., Ltd.*

Aldose reductase Inhibitors

65 Epalrestat

82159-09-9 3640

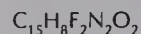


(E,E)-5-(2-Methyl-3-phenyl-2-propenylidene)-4-oxo-2-thioxo-3-thiazolidineacetic acid.

ONO-2235; Kinedak; Sorbistat. Aldose reductase inhibitor, affects sorbitol levels in diabetic rats and is used in treatment of diabetes-related neuropathy. mp = 210-217°; [N-methyl-D-glucamine salt]: mp = 163-165°. *Ono Pharmaceutical Co., Ltd.*

66 Imirestat

89391-50-4

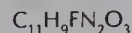


2,7-Difluorospiro[fluorene-9,4'-imidazolidine]-2',5'-dione.

Aldose reductase inhibitor.

67 Sorbinil

68367-52-2 8871

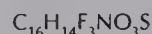


(S)-6-Fluoro-2,3-dihydrospiro[4H-1-benzopyran-4,4'-imidazolidine]-2',5'-dione.

CP-45634. Spirohydantoin aldose reductase inhibitor. Used in treatment of diabetic neuropathy. mp = 241-243°; $[\alpha]_D^{25}$ = 54.0° (c = 1 in MeOH). *Pfizer Inc.*

68 Tolrestat

82964-04-3 9663



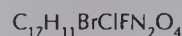
N-[[6-Methoxy-5-(trifluoromethyl)-1-

naphthalenyl]thioxomethyl]-N-methylglycine.

tolrestatin; AY-27773; Alredase; Lorestat. Orally active aldose reductase inhibitor. Used in treatment of diabetic neuropathy. mp = 164-165°; [methyl ester]: mp = 109-110°. *Wyeth-Ayerst Labs.*

69 Zenarestat

112733-06-9

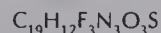


3-(4-Bromo-2-fluorobenzyl)-7-chloro-3,4-dihydro-2,4-dioxo-1(2H)-quinazolineacetic acid.

FR-74366; FK-366. Aldose reductase inhibitor.

70 Zopolrestat

110703-94-1 10325



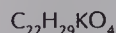
3,4-Dihydro-4-oxo-3-[[5-(trifluoromethyl)-2'-benzothiazolyl]methyl]-1-phthalazineacetic acid.

CP-73850. Aldose reductase inhibitor used in treatment of diabetic neuropathy. mp = 197-198°. *Pfizer Inc.*

Aldosterone Antagonists

71 Canrenoate Potassium

2181-04-6 1795 218-554-9

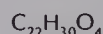


Potassium 17-hydroxy-3-oxo-17 α -pregna-4,6-diene-21-carboxylate.

SC-14266; Kanrenol; Soldactone; Venactone. Aldosterone antagonist. Used as a diuretic. *Searle, G.D., & Co.*

72 Canrenoic Acid

4138-96-9 223-963-0

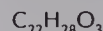


17-Hydroxy-3-oxo-17 α -pregna-4,6-diene-21-carboxylic acid.

Aldosterone antagonist. Used as a diuretic. *Searle, G.D., & Co.*

73 Canrenone

976-71-6 1795 213-554-5

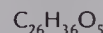


17-Hydroxy-3-oxo-17 α -pregna-4,6-diene-21-carboxylic acid σ lactone.

SC-9376; Phanurane. Aldosterone antagonist. Used as a diuretic. mp = 149-151°; $[\alpha]_D$ = 24.5° (CHCl₃); λ_m = 283 nm (ϵ 26700). *Searle, G.D., & Co.*

74 Dicirenone

41020-79-5

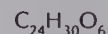


17-Hydroxy-3-oxo-17 α -pregn-4-ene-7,21-dicarboxylic acid σ -lactone isopropyl ester.

SC-26304. Aldosterone antagonist, used as a hypotensive agent. *Searle, G.D., & Co.*

75 Eplerenone

107724-20-9



9,11 α -Epoxy-17-hydroxy-3-oxo-17 α -pregn-4-ene-7 α ,21-dicarboxylic acid σ -lactone methyl ester.

SC-66110. Aldosterone antagonist, used as an antihypertensive agent. *Searle, G.D., & Co.*

76 Mespirenone

87952-98-5

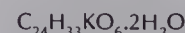


15 α ,16 α -Dihydro-17-hydroxy-7 α -mercapto-3-oxo-3'H-cyclopropa[15,16]-17 α -pregna-1,4,15-triene-21-carboxylic acid γ -lactone acetate.

Mineralocorticoid receptor blocker; specific inhibitor of adrenocortical mineralocorticoid synthesis. Aldosterone antagonist.

77 Mexrenoate Potassium

43169-54-6

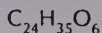


7-Methyl-21-potassium-17-hydroxy-3-oxo-17 α -pregn-4-ene-7 α ,21-dicarboxylate dihydrate.

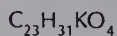
SC-26714. Aldosterone antagonist, used as an antihypertensive agent. *Searle, G.D., & Co.*

78 Mexrenoic Acid

41020-68-2

7-Methyl-17-hydroxy-3-oxo-17 α -pregn-4-ene-7 α ,21-dicarboxylic acid.Aldosterone antagonist, used as an antihypertensive agent. *Searle, G.D., & Co.***79 Prorenoate Potassium**

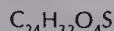
49847-97-4

Potassium 6,7-dihydro-17-hydroxy-3-oxo-3'H-cyclopropa[6,7]-17 α -pregna-4,6-diene-21-carboxylate.SC-23992. Aldosterone antagonist, used as an antihypertensive agent. *Searle, G.D., & Co.***80 Spironolactone**

52-01-7

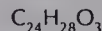
8917

200-133-6

17-Hydroxy-7 α -mercapto-3-oxo-17 α -pregn-4-ene-21-carboxylic acid σ -lactone acetate.Aldactone; Aldactazide; SC-9420; Aldace; Aldopur; Almatol; Altex; Aquareduct; Deverol; Diatensec; Dira; Duraspiron; Euteberol; Lacalmin; Lacdene; Laractone; Nefurofan; Osiren; Osyrol; Sagisal; Sincomen; Spiretic; Spiroctan; Sprioderm; Spirolone; Spiro-Tablinen; Supra-Puren; Suracton; Urusonin; Verospiron; Xenalon. Aldosterone antagonist. Used as a diuretic. mp = 134-135°, 201-202°; $[\alpha]_D^{20} = -33.5^\circ$ (CHCl₃); $\lambda_m = 238$ nm (ϵ 20200); insoluble in H₂O, soluble in most organic solvents. *Searle, G.D., & Co.; Parke-Davis.***81 Spirorenone**

74220-07-8

277-770-1



(6R,7R,8R,9S,10R,13S,14R,15S,16S,17S)-

3',4',6,7,8,9,11,12,13,14,15,16,20,21-Tetradecahydro-

10,13-dimethylspiro[17H-dicyclopropa[6,7:15,16]-

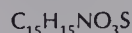
cyclopenta[a]phenanthrene-17,2'(5'H)-furan]-3(10H),5'-dione.

Shows affinity for mineralocorticoid receptors. Aldosterone antagonist.

alpha-Adrenergic Agonists**82 Adrafinil**

64537-13-7

168



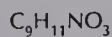
2-[(Diphenylmethyl)sulfinyl]acetohydroxamic acid.

CRL-40028; Olmifon. An α -adrenergic agonist. Used in treatment of depression. mp = 159-160°; soluble in H₂O (< 1g/l); LD₅₀ (mus ip) < 2048 mg/kg, (mus orl) = 1950 mg/kg. *Lab. Lafon.***83 Adrenalone**

99-45-6

170

202-756-9



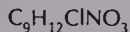
3',4'-Dihydroxy-2-(methylamino)acetophenone.

Kephrene; Stryphnone; Styphnone. An α -adrenergic agonist. Used as a hemostatic agent. mp = 235-236° (dec); sparingly soluble in H₂O, EtOH, Et₂O. *Hoechst.***84 Adrenalone Hydrochloride**

62-13-5

170

200-525-7

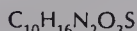


3',4'-Dihydroxy-2-(methylamino)acetophenone hydrochloride.

Styphnonasal. An α -adrenergic agonist. Used as a hemostatic agent. mp = 243°; soluble in H₂O, EtOH; insoluble in Et₂O. *Hoechst.***85 Amidephrine**

3354-67-4

418

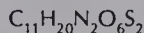


3'-[1-Hydroxy-2-(methylamino)ethyl]-methanesulfanilamide.

MJ-1996. An α -adrenergic agonist with vasoconstrictor properties. Used as a nasal decongestant. mp = 159-161°. *Mead Johnson Pharmaceuticals.***86 Amidephrine Monomethanesulfonate**

1421-68-7

418



3'-[1-Hydroxy-2-(methylamino)ethyl]-

methanesulfanilamide monomethanesulfonate salt.

amidephrine mesylate; 51290; MJ-5190; Dricol; Fentrinol; Nalde. An α -adrenergic agonist with vasoconstrictor properties. Used as a nasal decongestant. mp = 207-209°; LD₅₀ (frat orl) = 13-36 mg/kg, (frat ip) = 5-25 mg/kg. *Mead Johnson Pharmaceuticals.***87 Apraclonidine**

66711-21-5

791

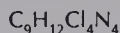


2-[(4-Amino-2,6-dichlorophenyl)imino]imidazolidine.

p-aminoclonidine; aplonidine; NC-14. An α_2 -adrenergic agonist. Used in management of post-surgical elevated intraocular pressure. mp > 230°. *Alcon Labs.***88 Apraclonidine Dihydrochloride**

73217-88-6

791

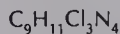


2-[(4-Amino-2,6-dichlorophenyl)imino]imidazolidine dihydrochloride.

An α_2 -adrenergic agonist. Used in management of post-surgical elevated intraocular pressure. $\lambda_m = 254, 304$ nm (ϵ 1800, 2500 EtOH). *Alcon Labs.***89 Apraclonidine Hydrochloride**

73218-79-8

791



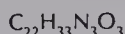
2-[(4-Amino-2,6-dichlorophenyl)imino]imidazolidine hydrochloride.

AL02145; lopidine. An α_2 -adrenergic agonist. Used in management of post-surgical elevated intraocular pressure. *Alcon Labs.***90 Barbexaclone**

4388-82-3

8045

224-504-7

(-)-N, α -Dimethylcyclohexaneethylamine compound with 5-ethyl-5-phenylbarbituric acid (1:1).l-propylhexedrine ethylphenylbarbiturate; Maliasin. Adrenergic (vasoconstrictor); decongestant. See propylhexedrine. *SmithKline Beecham Pharmaceuticals.*

91 Budralazine

36798-79-5 1492



4-Methyl-3-penten-2-one (1-phthalazinyl)hydrazone.

DJ-1461; Buterazine. An α -adrenergic agonist. Used as an antihypertensive agent. mp = 132-133°; λ_m = 208, 240, 289, 357 nm (ϵ = 27000, 89000, 20000, 15000 MeOH); LD₅₀ (mus orl) = 1820 mg/kg, (mus ip) = 4020 mg/kg, (rat orl) = 620 mg/kg, (rat ip) = 3570 mg/kg. *Daiichi Seiyaku*.

92 Clonidine

4205-90-7 2450 224-119-4



2-[(2-,6-Dichlorophenyl)imino]imidazolidine.

Catapres TTS; ST-155-BS. An α_2 -adrenergic agonist used as an antihypertensive. mp = 130°. *Boehringer Ingelheim GmbH*.

93 Clonidine Hydrochloride

4205-91-8 2450 224-121-5



2-[(2-,6-Dichlorophenyl)imino]imidazolidine.

Catapres; ST-155; component of: Combipres. An α_2 -adrenergic agonist used as an antihypertensive. mp = 305°; soluble in H₂O (7.7 g/100 ml at 20°, 16.6 g/100 ml at 60°), MeOH (17.25 g/100 ml), EtOH (4 g/100 ml), CHCl₃ (0.02 g/100 ml); λ_m = 213, 271, 302 nm (ϵ 8290, 713, 340 H₂O); LD₅₀ (mus orl) = 328 mg/kg, (mus iv) = 18 mg/kg, (rat orl) = 270 mg/kg, (rat iv) = 29 mg/kg. *Boehringer Ingelheim GmbH; Parke-Davis*.

94 Cyclopentamine

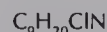
102-45-4 2808

N, α -Dimethylcyclopentaneethylamine.

Clopene; cyclopentadrine; Sinos; Cyklosal; Cyclanarol. An α -adrenergic agonist. Has vasoconstrictor properties and is used as a nasal decongestant. bp₃₀ = 83-86°. *Eli Lilly & Co.*

95 Cyclopentamine Hydrochloride

538-02-3 2808 208-681-8

N, α -Dimethylcyclopentaneethylamine hydrochloride.

Clopene hydrochloride; component of: Aerolone Solution. An α -adrenergic agonist. Has vasoconstrictor properties and is used as a nasal decongestant. mp = 113-115°; freely soluble in H₂O. *Eli Lilly & Co.*

96 Detomidine

76631-46-4 2981

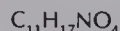


4-(2,3-Dimethylbenzyl)imidazole.

MPV-253 All. An α_2 -adrenergic agonist with sedative and analgesic properties. mp = 114-116°; LD₅₀ (mus iv) = 35 mg/kg; [hydrochloride (Domosedan)]: mp = 160°. *Farmos Group Ltd.*

97 Dimetofrine

22950-29-4 3314 245-348-6

4-Hydroxy-3,5-dimethoxy- α -[(methylamino)methyl]benzyl alcohol.

dimetophrine; dimetrophine. An α -adrenergic agonist. Used as an antihypertensive agent. mp = 178° (dec). *Zambeletti*.

98 Dimetofrine Hydrochloride

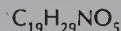
22775-12-8 3314 245-212-6

4-Hydroxy-3,5-dimethoxy- α -[(methylamino)methyl]benzyl alcohol hydrochloride.

Pressamina. An α -adrenergic agonist. Used as an antihypertensive agent. mp = 171-173°. *Zambeletti*.

99 Dipivefrin

52365-63-6 3400

(±)-3,4-Dihydroxy- α -[(methylamino)methyl]benzyl alcohol 3,4-dipivalate.

dipivalyl epinephrine; DPE. An α -adrenergic (ophthalmic) agonist. Used as an antiglaucoma agent. mp = 146-147°. *Alcon Labs.; Allergan, Inc.*

100 Dipivefrin Hydrochloride

64019-93-8 3400 264-609-5

(±)-3,4-Dihydroxy- α -[(methylamino)methyl]benzyl alcohol 3,4-dipivalate hydrochloride.

Diopine; d Epifrin; Diphemin; Pivalephrine; Propine. An α -adrenergic (ophthalmic) agonist. Used as an antiglaucoma agent. mp = 158-159°; soluble in H₂O, EtOH. *Alcon Labs.; Allergan, Inc.*

101 Ephedrine dl form

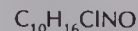
90-81-3 3645 202-017-0

(±)- α -[1-(Methylamino)ethyl]benzenemethanol.

racemic ephedrine; racephedrine. An α -adrenergic agonist. The d-isomer is used as a decongestant. mp = 79°; soluble in H₂O, EtOH, Et₂O, CHCl₃, oils. *Eli Lilly & Co.*

102 Ephedrine dl form Hydrochloride

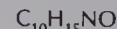
134-71-4 3645 205-153-9

(±)- α -[1-(Methylamino)ethyl]benzenemethanol hydrochloride.

racephedrine hydrochloride; Ephetonin. An α -adrenergic agonist. The d-isomer is used as a decongestant. mp = 187-188°; soluble in H₂O (25 g/100 ml), 95% EtOH (2.5 g/100 ml at 20°), insoluble in Et₂O. *Eli Lilly & Co.*

103 Ephedrine l form

299-42-3 3645 206-080-5

l- α -[1-(Methylamino)ethyl]benzenemethanol.

component of: Bena-Fedrin, Bronkotabs, Mudrane GG Elixir, Primatene, Quadrinal, Tedral. An α -adrenergic agonist. Used as a bronchodilating agent. mp = 34°; soluble in H₂O (5 g/100 ml), CHCl₃, Et₂O, oils. *Eli Lilly & Co.; Parke-Davis; Sterling Winthrop, Inc.; ECR Pharmaceuticals; Whitehall-Robins; Knoll Pharmaceutical Co.*

104 Ephedrine l form Hydrochloride

50-98-6 3645 200-074-6

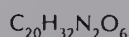


l- α -[1-(Methylamino)ethyl]benzenemethanol hydrochloride.

Ephedral; Sanedrin; component of: Bena-Fedrin, Bronkotabs, Mudrane GG Elixir, Primatene, Quadrinal, Tedral. An α -adrenergic agonist. Used as a bronchodilating agent. mp = 216-220°; $[\alpha]_D^{25} = -33^\circ$ to -35.5° (c = 5); soluble in H₂O (33 g/100 ml), EtOH (7.1 g/100 ml), insoluble in Et₂O, CHCl₃. *Eli Lilly & Co.; Parke-Davis; Sterling Winthrop, Inc.; ECR Pharmaceuticals; Whitehall-Robins; Knoll Pharmaceutical Co.*

105 Ephedrine I form Sulfate

134-72-5 3645 205-154-4



l- α -[1-(Methylamino)ethyl]benzenemethanol sulfate salt (2:1).

Isofedrol; component of: Bronkaid, Pazo Ointment, Pazo Suppository. An α -adrenergic agonist. Used as a bronchodilating agent. mp = 245° (dec); $[\alpha]_D^{25} = -29.5^\circ$ to -32.0° (c = 5); soluble in H₂O (83 g/100 ml), EtOH (1.05 g/100 ml); freely soluble in hot EtOH. *Eli Lilly & Co.; Boehringer Mannheim GmbH; Sterling Health U.S.A.; Bristol-Myers Products.*

106 Epinephrine

51-43-4 3656 200-098-7

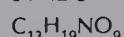


(-)-3,4-Dihydroxy- α -[(methylamino)methyl]benzyl alcohol.

Adrenalin; Adrenaline; Adrenalin in Oil; Bronkaid Mist; Epifrin; Galucon; Primatene Mist; Sus-Phrine; Epiglaufin; Eppy; Glauposine; Simplane; Suprarenaline; component of: Citanest Forte. An α -adrenergic agonist. Used as a bronchodilator, cardiostimulant, mydriatic and antiglaucoma agent. mp = 211-212°; $[\alpha]_D^{25} = -50.0^\circ$ to -53.5° (0.6N HCl); slightly soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃, Me₂CO; LD₅₀ (mus ip) = 4 mg/kg. *Parke-Davis; Astra Sweden; Bristol-Myers Squibb Co.; Sterling Health U.S.A.; Ciba Vision Ophthalmics; Elkins-Sinn; Allergan, Inc.; Alcon Labs.; Whitehall-Robins; Evans Medical; Wyeth-Ayerst Labs.*

107 Epinephrine Bitartrate

51-42-3 3656 200-097-1

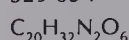


(-)-3,4-Dihydroxy- α -[(methylamino)methyl]benzyl alcohol (+)-tartrate (1:1) salt.

Asmatane Mist; Bronitin Mist; Bronkaid Mist Suspension; Epitrate; Medihaler-Epi; Primatene Mist Suspension; Suprarenin; component of: Asthmahaler, E-Pilo. An α -adrenergic agonist. Used as a bronchodilator, cardiostimulant, mydriatic and antiglaucoma agent. mp = 147-154°; soluble in H₂O (33 g/100 ml), slightly soluble in EtOH. *3M Pharmaceuticals; Whitehall-Robins; Sterling Health U.S.A.; Wyeth-Ayerst Labs.; Sterling Winthrop, Inc.; Menley & James Labs., Inc.; Ciba Vision Ophthalmics.*

108 Epinephrine dl form

329-65-7 3656 206-347-6



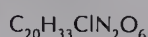
($\pm$)- α -[1-(Methylamino)ethyl]benzenemethanol sulfate salt (2:1).

racenepinephrine. An α -adrenergic agonist. Used as a bronchodilator, cardiostimulant, mydriatic and

antiglaucoma agent. Slightly soluble in H₂O, EtOH.

109 Epinephrine dl form Hydrochloride

329-63-5 3656 206-346-0

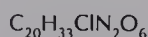


($\pm$)- α -[1-(Methylamino)ethyl]benzenemethanol hydrochloride salt.

Asthmanefrin; Vaponefrin. An α -adrenergic agonist. Used as a bronchodilator, cardiostimulant, mydriatic and antiglaucoma agent. mp = 157°, soluble in H₂O, sparingly soluble in EtOH.

110 Epinephrine Hydrochloride

55-31-2 3656 200-230-3

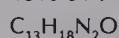


($\pm$)- α -[1-(Methylamino)ethyl]benzenemethanol hydrochloride salt.

Adrenalin; Epifrin; Glaucon; Suprarenin. An α -adrenergic agonist. Used as a bronchodilator, cardiostimulant, mydriatic and antiglaucoma agent. mp = 157°, soluble in H₂O, sparingly soluble in EtOH.

111 Fenoxazoline

4846-91-7 4025 225-437-6



2-(2-Isopropylphenoxy)methyl-2-imidazoline.

phenoxazoline. An α -adrenergic agonist with sympathomimetic properties. *Lab. Dausse.*

112 Fenoxazoline Hydrochloride

21370-21-8 4025

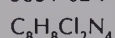


2-(2-Isopropylphenoxy)methyl-2-imidazoline hydrochloride.

Atrugyl; Snup. An α -adrenergic agonist with sympathomimetic properties. mp = 174°; soluble in H₂O, EtOH. *Lab. Dausse.*

113 Guanabenz

5051-62-7 4585 225-750-8

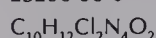


[(2,6-Dichlorobenzylidene)amino]guanidine.

Wy-8678; NSC-68982. An α_2 -adrenergic agonist used as an antihypertensive agent. mp = 227-229° (dec). *Sandoz Pharmaceuticals Corp.*

114 Guanabenz Monoacetate

23256-50-0 4585 245-534-7

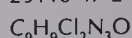


[(2,6-Dichlorobenzylidene)amino]guanidine monoacetate.

Wytensin; Wy-8678 acetate; Rexitene; Tenelid. An α_2 -adrenergic agonist used as an antihypertensive agent. mp = 192.5° (dec); soluble in H₂O (1100 mg/100 ml), EtOH (5000 mg/ml), propylene glycol (10000 mg/100 ml), CHCl₃ (60 mg/100 ml), EtOAc (100 mg/100 ml). *Sandoz Pharmaceuticals Corp.*

115 Guanfacine

29110-47-2 4590 249-442-8



N-Amidino-2-(2,6-dichlorophenyl)acetamide.

Centrally active α_2 -adrenergic agonist used as an antihypertensive. mp = 225-227°. *Sandoz*

Pharmaceuticals Corp.; Robins, A.H. Co.

116 Guanfacine Hydrochloride

29110-48-3 4590 249-443-3
 $C_9H_{10}Cl_3N_3O$
 N-Amidino-2-(2,6-dichlorophenyl)acetamide hydrochloride.
 BS-100-141; LON-798; Estulic; Tenex. Centrally active α_2 -adrenergic agonist used as an antihypertensive. mp = 213-216°; LD₅₀ (mus orl) = 165 mg/kg. Sandoz Pharmaceuticals Corp.; Robins, A.H. Co.

117 Hydroxyamphetamine

1518-86-1 4855
 $C_9H_{13}NO$
 (±)-p-(2-Aminopropyl)phenol.
 Paredrine; Paredrinex; Pulsoton. An α -adrenergic (ophthalmic) agonist. Used as a mydriatic agent. mp = 125-126°; soluble in H₂O, EtOH, CHCl₃, EtOAc; [iodide]: mp = 155°; soluble in H₂O, EtOH, Me₂CO; [hydrochloride]: mp = 171-172°; soluble in H₂O, EtOH; insoluble in Et₂O. SmithKline Beecham Pharmaceuticals; Allergan, Inc.

118 Hydroxyamphetamine Hydrobromide

306-21-8 4855
 $C_9H_{14}BrNO$
 (±)-p-(2-Aminopropyl)phenol hydrobromide.
 Paredrine hydrobromide; component of: Paremyd. An α -adrenergic (ophthalmic) agonist. Used as a mydriatic agent. Freely soluble in H₂O, EtOH, Me₂CO. SmithKline Beecham Pharmaceuticals; Allergan, Inc.

119 Ibopamine

66195-31-1 4921 266-229-5
 $C_{17}H_{25}NO_4$
 4-[2-(Methylamino)ethyl]-o-phenylene diisobutyrate.
 3,4-di-o-isobutyl epinine. An α -adrenergic agonist. Used as a cardiotonic. Simes S.p.A.; SmithKline Beecham Pharmaceuticals.

120 Ibopamine Hydrochloride

75011-65-3 4921 278-056-2
 $C_{17}H_{26}ClNO_4$
 4-[2-(Methylamino)ethyl]-o-phenylene diisobutyrate hydrochloride.
 SB-7505; Inopamil; Scandine. An α -adrenergic agonist. Used as a cardiotonic. mp = 132°. Simes S.p.A.; SmithKline Beecham Pharmaceuticals.

121 Indanazoline

40507-78-6 4967
 $C_{12}H_{15}N_3$
 2-(4-Indanylamino)-2-imidazoline.
 An α -adrenergic agonist. Used as a decongestant and vasoconstrictor. mp = 109-113°. Nordmark.

122 Indanazoline Hydrochloride

40507-80-0 4967 254-945-0
 $C_{12}H_{16}ClN_3$
 2-(4-Indanylamino)-2-imidazoline hydrochloride.
 EV-A-16; Farial. An α -adrenergic agonist. Used as a decongestant and vasoconstrictor. mp = 182-184°; LD₅₀ (mmus orl) = 179 mg/kg, (mmus iv) = 22.3 mg/kg, (fms orl) = 233 mg/kg, (fms iv) = 26.9 mg/kg, (mrat orl) = 481

mg/kg, (mrat iv) = 16.3 mg/kg, (frat orl) = 542 mg/kg, (frat iv) = 17.6 mg/kg. Nordmark.

123 Indanidine

85392-79-6
 $C_{11}H_{13}N_5$
 4-(2-Imidazolin-2-ylamino)-2-methyl-2H-indazole.
 An α -adrenergic agonist. A partial α -1 adrenoceptor agonist; acts as a vasopressor.

124 Isometheptene

503-01-5 5202 207-959-6
 $C_9H_{19}N$
 6-Methylamino-2-methylheptene.
 Octin; Octon; Octanil. An α -adrenergic agonist. Used as a sympathomimetic and, in veterinary medicine, as an antispasmodic. d = 0.795; bp = 176-178°, bp₇ = 58-59°; insoluble in H₂O; soluble in EtOH, Et₂O, Me₂CO, CHCl₃; [bitartrate]: mp = 78-80°; soluble in H₂O, EtOH; [mucate (C₂₄H₄₈N₂O₈)]: mp = 152°; soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃; LD₅₀ (dog orl) = 148 mg/kg. Knoll Pharmaceutical Co.

125 Isometheptene Hydrochloride

6168-86-1 5202 228-211-5
 $C_9H_{20}ClN$
 6-Methylamino-2-methylheptene hydrochloride.
 Octin. An α -adrenergic agonist. Used as a sympathomimetic and, in veterinary medicine, as an antispasmodic. mp = 68-69°; soluble in H₂O, EtOH; LD₅₀ (mus iv) = 17.5 mg/kg, (mus sc) = 171 mg/kg. Knoll Pharmaceutical Co.

126 Levlofexidine

81447-78-1
 $C_{11}H_{12}Cl_2N_2O$
 (-)-2-[1-(2,6-Dichlorophenoxy)ethyl]-2-imidazoline.
 (-)-lofexidine. An α -adrenergic agonist. Imidazoline derivative. A stereoselective α_2 -adrenoceptor agonist. Used in the treatment of hypertension.

127 Levopropylhexedrine

6192-97-8 8045 228-245-0
 $C_{10}H_{17}N$
 (-)-N, α -Dimethylcyclohexaneethylamine.
 l-propylhexedrine. Adrenergic (vasoconstrictor); decongestant. See propylhexedrine. Oily liquid; bp₉ = 80-81°; n_D²⁰ = 1.4590. SmithKline Beecham Pharmaceuticals.

128 Mephentermine

100-92-5 5897 202-901-6
 $C_{11}H_{17}N$
 N, α , α -Trimethylphenethylamine.
 An α -adrenergic agonist. Used as an antihypotensive. Soluble in EtOH, Et₂O; insoluble in H₂O; LD₅₀ (mus ip) = 110 mg/kg. Wyeth-Ayerst Labs.

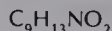
129 Mephentermine Sulfate Dihydrate

6190-60-9 5897
 $C_{22}H_{36}N_2O_4S$
 N, α , α -Trimethylphenethylamine sulfate dihydrate.
 Wyamine sulfate; Wyamine; Mephine. An α -adrenergic agonist. Used as an antihypotensive. Soluble in H₂O (5

g/100 ml), insoluble in CHCl_3 . *Wyeth-Ayerst Labs.*

130 Metaraminol

54-49-9 5993



(-)- α -(1-Aminoethyl)-m-hydroxybenzyl alcohol.

metaradrine; Pressonex. An α -adrenergic agonist. [oxalate dihydrate ($\text{C}_{11}\text{H}_{15}\text{NO}_6$)]: mp = 190°; $[\alpha]_D^{20}$ = -21.66°; soluble in H_2O . *Merck & Co., Inc.; Sterling Winthrop, Inc.*

131 Metaraminol Bitartrate

33402-03-8 5993 251-502-3



(-)- α -(1-Aminoethyl)-m-hydroxybenzyl alcohol tartrate (1:1) salt.

Aramine; Pressonex; Icoral B. An α -adrenergic agonist. mp = 176-177°; soluble in H_2O . *Merck & Co., Inc.; Sterling Winthrop, Inc.*

132 Metaraminol Hydrochloride

5967-52-2 5993

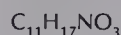


(-)- α -(1-Aminoethyl)-m-hydroxybenzyl alcohol hydrochloride.

An α -adrenergic agonist. $[\alpha]_D^{20}$ = -19.75°; soluble in H_2O ; LD_{50} (mus ip) = 440 mg/kg. *Merck & Co., Inc.; Sterling Winthrop, Inc.*

133 Methoxamine

390-28-3 6067 206-867-3



($\pm$)- α -(1-Aminoethyl)-2,5-dimethoxybenzyl alcohol.

2,5-dimethoxynorephedrine. An α_1 -adrenergic agonist. Used as an antihypertensive. *Burroughs Wellcome.*

134 Methoxamine Hydrochloride

61-16-5 6067 200-499-7



($\pm$)- α -(1-Aminoethyl)-2,5-dimethoxybenzyl alcohol hydrochloride.

Vasoxine; Vasoxyl; Vasylox. An α_1 -adrenergic agonist. Used as an antihypertensive. mp = 212-216°; soluble in H_2O (40 g/100 ml), EtOH (8.3 g/100 ml); insoluble in C_6H_6 , Et_2O , CHCl_3 . *Burroughs Wellcome.*

135 Methylhexaneamine

105-41-9 6159 203-296-1



4-Methyl-2-hexanamine.

1,3-dimethylamylamine; Forthane. An α -adrenergic agonist. d = 0.7620 - 0.7655; bp = 130-135°; slightly soluble in H_2O ; soluble in EtOH, CHCl_3 , Et_2O ; LD_{50} (mus ip) = 185 mg/kg. *Eli Lilly & Co.*

136 Metizoline

17692-22-7 6223

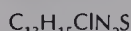


2-[(2-Methylbenzo[b]thien-3-yl)methyl]-2-imidazoline.

benazoline. An α -adrenergic agonist. Used as a vasoconstrictor and nasal decongestant. mp = 156-157°. *E. Merck; Marion Merrell Dow Inc.*

137 Metizoline Hydrochloride

5090-37-9 6223 225-811-9

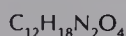


2-[(2-Methylbenzo[b]thien-3-yl)methyl]-2-imidazoline hydrochloride.

Ellsyl; Elsyl; Eunasin; EX-10-781; RMI-10482-A. An α -adrenergic agonist. Used as a vasoconstrictor and nasal decongestant. mp = 244-246°; soluble in MeOH, EtOH; slightly soluble in H_2O ; insoluble in CHCl_3 ; LD_{50} (mus ip) = 49 mg/kg, (mus iv) = 9.1 mg/kg, (mus orl) = 155 mg/kg, (rat orl) = 74 mg/kg. *E. Merck; Marion Merrell Dow Inc.*

138 Midodrine

42794-76-3 6272 255-945-3



($\pm$)-2-Amino-N-(β -hydroxy-2,5-dimethoxyphenethyl)acetamide.

St-1085. An α -adrenergic agonist. Used as a vasoconstrictor and antihypertensive. *Roberts Pharmaceutical Corp.*

139 Midodrine Hydrochloride

3092-17-9 6272

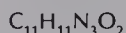


($\pm$)-2-Amino-N-(β -hydroxy-2,5-dimethoxyphenethyl)acetamide monohydrochloride.

Pro-Amatine; A-4020 Linz; St. Peter 224; ST-1085; Alphamine; Amatine; Gutron; Hipertan; Metligene; Midamine. An α -adrenergic agonist. Used as a vasoconstrictor and antihypertensive. mp = 192-193°. *Roberts Pharmaceutical Corp.*

140 Mivazerol

125472-02-8



α -Imidazol-4-yl-2,3-cresotamide.

An α -adrenergic agonist. Selective imidazole α -2 adrenergic agonist.

141 Modafinil

68693-11-8 6311

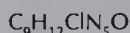


2-[(Diphenylmethyl)sulfinyl]acetamide.

CRL-40476. An α_1 -adrenergic agonist. Used as a CNS stimulant. mp = 164-166°. *Lab. Lafon.*

142 Moxonidine

75438-57-2 6375

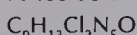


4-Chloro-5-(2-imidazolin-2-ylamino)-6-methoxy-2-methylpyrimidine.

BDF-5895; Cynt; Physiotens. An α -adrenergic agonist. Used as a vasoconstrictor and antihypertensive. mp = 217-219° (dec). *Beiersdorf, P., AG.*

143 Moxonidine Hydrochloride

75438-58-3 6375

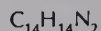


4-Chloro-5-(2-imidazolin-2-ylamino)-6-methoxy-2-methylpyrimidine hydrochloride.

An α -adrenergic agonist. Used as a vasoconstrictor and antihypertensive. mp = 189°. *Beiersdorf, P., AG.*

144 Naphazoline

835-31-4 6455 212-641-5



2-(1-Naphthylmethyl)-2-imidazoline.

Privine. An α -adrenergic agonist. Used as a vasoconstrictor and nasal decongestant. *Alcon Labs.; Pilkington Barnes Hind; Ciba-Geigy Corp.; Ciba Vision Ophthalmics; Bristol-Myers Products; Ross Products.*

145 Naphazoline Hydrochloride

550-99-2 6455 208-989-2



2-(1-Naphthylmethyl)-2-imidazoline hydrochloride.

Albalon; Comfort Eye Drops; Degest-2; Naphcon; Privine hydrochloride; Vasoclear; Vasocon Regular; Ak-Con; Clera; Coldan; Iridina Due; Niazol; Opcon; Rhinantin; Rhinoperd; Sanorin; Sanorin-Spofa; Strictylon; component of: 4-Way Nasal Spray Regular and Menthol, Clear-Eyes, Naphcon-A, VasoClear A, Vasocon-A. An α -adrenergic agonist. Used as a vasoconstrictor and nasal decongestant. mp = 255-260°; λ_m = 223, 270, 280, 287, 291 nm ($E_{1\text{ cm}}^{1\%}$ = 3622, 239, 286, 196, 198, EtOH); soluble in H_2O (40 g/100 ml), EtOH; less soluble in $CHCl_3$; insoluble in C_6H_6 , Et_2O ; LD_{50} (rat sc) = 385 mg/kg. *Alcon Labs.; Pilkington Barnes Hind; Ciba-Geigy Corp.; Ciba Vision Ophthalmics; Bristol-Myers Products; Ross Products.*

146 Norepinephrine

51-41-2 6788 200-096-6

(-)- α -(Aminomethyl)-3,4-dihydroxybenzyl alcohol.

Noradrenaline; levarterenol; Adrenor; Levophed. An α -adrenergic agonist. Used as an antihypertensive. mp = 216.5-218° (dec); $[\alpha]_D^{25}$ = -37.3° (c = 5 H_2O). *Sterling Winthrop, Inc.*

147 Norepinephrine d-Bitartrate

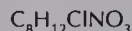
69815-49-2 6788

(-)- α -(Aminomethyl)-3,4-dihydroxybenzyl alcohol tartrate (1:1) salt monohydrate.

Levophed; Levarterenol bitartrate; Aktamin; Binodrenal. An α -adrenergic agonist. Used as an antihypertensive. mp = 102-104°; $[\alpha]_D^{25}$ = -10.7° (c = 1.6 H_2O); freely soluble in H_2O . *Sterling Winthrop, Inc.*

148 Norepinephrine Hydrochloride

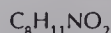
329-56-6 6788 206-345-5

(-)- α -(Aminomethyl)-3,4-dihydroxybenzyl alcohol hydrochloride.

Aterenol. An α -adrenergic agonist. Used as an antihypertensive. mp = 145.2-146.4°; $[\alpha]_D^{25}$ = -40° (c = 6); soluble in H_2O . *Sterling Winthrop, Inc.*

149 Norfenefrine

536-21-0 6792 208-626-8

 α -(Aminomethyl)-m-hydroxybenzyl alcohol.norphenylephrine. An α -adrenergic agonist. *Ciba plc.***150 Norfenefrine dl-form Hydrochloride**

15308-34-6 6792 239-351-1

(±)- α -(Aminomethyl)-m-hydroxybenzyl alcohol hydrochloride.

WV-569; Coritat; Depot-Novadral; Energona; Esbuphon; Molycor-R; Novadral; Stagural; Tonolift; Vingsal; Zondel. An α -adrenergic agonist. mp = 159-160°; λ_m = 274 nm ($E_{1\text{ cm}}^{1\%}$ = 91.21); soluble in H_2O . *Ciba plc.*

151 Octodrine

543-82-8 6854 208-851-1

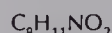


1,5-Dimethylhexylamine.

SK&F-51; Vaporpac. An α -adrenergic agonist. Used as a nasal decongestant. [dl form]: bp = 154-156°; [hydrochloride]: soluble in H_2O ; LD_{50} (mus ip) = 59 mg/kg, (rat ip) = 41.5 mg/kg. *SmithKline Beecham Pharmaceuticals.*

152 Octopamine

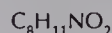
104-14-3 6856 203-179-5

(±)- α -(Aminomethyl)-p-hydroxybenzyl alcohol.

ND50; norsympatol; norsynephrine; p-hydroxy-phenylethanolamine. An α -adrenergic agonist.

153 Octopamine D-(-)-form

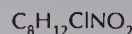
876-04-0 6856

D- α -(Aminomethyl)-p-hydroxybenzyl alcohol.

An α -adrenergic agonist. mp = 160°, > 250° (dec); $[\alpha]_D^{25}$ = -56.0° (0.1 N HCl), -37.4° (H_2O).

154 Octopamine DL-form Hydrochloride

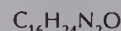
770-05-8 6856 212-216-4

(±)- α -(Aminomethyl)-p-hydroxybenzyl alcohol hydrochloride.

Eprenor; Norden; Norfen; Norphen (ampules). An α -adrenergic agonist. mp = 170° (dec); freely soluble in H_2O .

155 Oxymetazoline

1491-59-4 7100 216-079-1



6-tert-Butyl-3-(2-imidazolin-2-ylmethyl)-2,4-dimethylphenol.

H-990; Navisin; Hazol; Rhinofrenol; Rhinolitan; Sinerol; Nezeril. An α -adrenergic agonist. Used as a nasal decongestant. mp = 181-183°. *Bristol-Myers Products; Schering-Plough HealthCare Products; Whitehall-Robins; Sterling Health U.S.A.; Boehringer Ingelheim GmbH; Menley & James Labs., Inc.*

156 Oxymetazoline Hydrochloride

2315-02-8 7100 219-015-0



6-tert-Butyl-3-(2-imidazolin-2-ylmethyl)-2,4-dimethylphenol monohydrochloride.

4-Way Nasal 12 Hour Spray; Afrin; Dristan Long-Lasting Nasal Mist; Duration; Neo-Synephrine 12 Hour; Neo-Synephrine 12 Hour NTZ; Nostrilla; Ocuclear; Sch-9384; Afrazine; Iliadin; Nafrine; Nasivin; Oxilin; Sinex; component of: Benzedrex Nasal Spray 12 Hour, Drixin. An α -adrenergic agonist. Used as a nasal decongestant.

mp = 300-303° (dec); soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃, C₆H₆; LD₅₀ (mus orl) = 10 mg/kg. *Bristol-Myers Products; Schering-Plough HealthCare Products; Whitehall-Robins; Sterling Health U.S.A.; Boehringer Ingelheim GmbH; Menley & James Labs., Inc.*

157 Phenylephrine Hydrochloride

61-76-7 7440 200-517-3

C₉H₁₄ClNO₂

(-)-m-Hydroxy-α[(methylamino)methyl]benzyl alcohol hydrochloride.

Afrin 4 Hour Nasal Spray; Biopmydrin; Mydrin; Neo-Synephrine; Nostril; Adrianol; Ak-Dilate; Ak-Nefrin; Isophrin; m-Sympatol; Mezatol; Neophryn; Pyracort D; Prefrin; component of: 4-Way Nasal Spray Regular and Menthol, Anaplex HD, Benzedrex Nasal Spray Regular, CeroSe-DM, Cyclomydril, Dristan Cold Multi-Symptom; Dristan Nasal Spray, Entex Capsules and Liquid, Histalet Forte, Hycomine Compound, Isopto Frin, Naldecon; Novahistine, Op-Isophrin-Z, Phenergan VC, Prefrin Liquifilm, Preparation H Cream, Preparation H Ointment, PV Tussin Syrup, Relief, RU-Tuss, Tympagesic, Vasosulf, Zincfrin. An α-adrenergic agonist. Used as a mydriatic and nasal decongestant. mp = 140-145°; [free base]: mp = 169-172°; [α]_D²⁵ = -46.2° to -47.2°; soluble in H₂O, EtOH; LD₅₀ (rat ip) = 17 ± 1.1 mg/kg, (rat sc) = 33.0 ± 2 mg/kg. *Bristol-Myers Products; ECR Pharmaceuticals; Menley & James Labs., Inc.; Wyeth-Ayerst Labs.; Alcon Labs.; Whitehall-Robins; Procter & Gamble Pharmaceuticals, Inc.; Solvay Pharmaceuticals; DuPont Merck Pharmaceutical Co.; Marion Merrell Dow Inc.; Broemmel Pharmaceuticals; Allergan, Inc.; Savage Labs.; Ciba Vision Ophthalmics.*

158 Phenylpropanolamine (±)-form

14838-15-4 7461 238-900-2

C₉H₁₃NO

(±)-α-(1-Aminoethyl)benzenemethanol.

An α-adrenergic agonist. Used as an anorexic and nasal decongestant. mp = 101-101.5°. *Menley & James Labs., Inc.; Schering-Plough HealthCare Products; Bristol-Myers Products; SmithKline Beecham Pharmaceuticals; Fisons Corp.; Whitehall-Robins; Procter & Gamble Pharmaceuticals, Inc.; Solvay Pharmaceuticals; DuPont Merck Pharmaceutical Co.; Apoticon; Lemmon Co.; Parke-Davis; Sandoz Pharmaceuticals Corp.; Mead Johnson Nutritionals.*

159 Phenylpropanolamine Hydrochloride

154-41-6 7461 205-826-7

C₉H₁₄ClNO

(±)-α-(1-Aminoethyl)benzenemethanol hydrochloride.

mydriatic; Kontexin; Monydrin; Obestat; Propadrine; component of: A.R.M., Chlor-Trimeton Allergy/Sinus/Headache, Comtrex Liquigels, Comtrex Non-Drowsy Liquigels, Contac, Contac 12 Hour Caplets, Contac 12 Hour Capsules, Contac Severe Cold Maximum Strength, Coricidin D, Coricidin Sinus, Corsym Capsules, Demazin, Demilets, Diet Gard, Dimetapp Allergy Sinus, Dimetapp Cold and Allergy, Dimetapp Cold and Cough ; Dimetapp DM, Dimetapp Elixir, Dimetapp Extentabs, Dimetapp Liquigels, Dimetapp 4 Hour Tablets, Entex Capsules and Liquid, Histalet Forte, Hycomine, Hycomine Pediatric, Naldecon, Naldecon CX, Ornade, Rhinex D-Lay Tablets, Robitussin CF, Sine-Off Sinus Medicine Tablets Aspirin Formula, Sinubid, Teldrin Timed Release Allergy Capsules, Triaminic, Trind, Trind-

DM, Tuss-Ornade. An α-adrenergic agonist. Used as an anorexic and nasal decongestant. mp = 190-194°; soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃, C₆H₆; LD₅₀ (rat orl) = 1490 mg/kg; [(+)-form hydrochloride]: mp = 171-172°; [α]_D²⁵ = 32° (H₂O). *Menley & James Labs., Inc.; Schering-Plough HealthCare Products; Bristol-Myers Products; SmithKline Beecham Pharmaceuticals; Fisons Corp.; Whitehall-Robins; Procter & Gamble Pharmaceuticals, Inc.; Solvay Pharmaceuticals; DuPont Merck Pharmaceutical Co.; Apoticon; Lemmon Co.; Parke-Davis; Sandoz Pharmaceuticals Corp.; Mead Johnson Nutritionals.*

160 Phenylpropylmethylamine

93-88-9 7462

C₁₀H₁₅N

N-β-Dimethylbenzeneethanamine.

Vonedrine. An α-adrenergic agonist. bp = 205-210°, bp₁₅ = 95-96°; d₄²⁵ = 0.915 to 0.925; soluble in H₂O (1.2 g/100 ml); soluble in EtOH, Et₂O, C₆H₆; [hydrochloride]: mp = 144-148°.

161 Pholedrine

370-14-9 7485 206-725-0

C₁₀H₁₅NO

p-(2-Methylaminopropyl)phenol.

Knoll H₇₅. An α-adrenergic agonist. Used as an antihypertensive. mp = 162-163°; slightly soluble in H₂O; soluble in EtOH, Et₂O. *Knoll Pharmaceutical Co.*

162 Pholedrine Sulfate

6114-26-7 7485 228-083-0

C₂₀H₃₂N₂O₈S

p-(2-Methylaminopropyl)phenol sulfate (2:1) salt.

Paredrinol; Pulsotyl; Veritol. An α-adrenergic agonist. Used as an antihypertensive. mp = 320-323° (dec); soluble in H₂O; LD₅₀ (rat sc) = 500 mg/kg. *Knoll Pharmaceutical Co.*

163 Propylhexedrine

101-40-6 8045 202-939-3

C₁₀H₂₁N

(±)-N,α-Dimethylcyclohexaneethylamine.

Dristan Inhaler; component of: Benzedrex. An α-adrenergic agonist. Used as a mydriatic and nasal decongestant. bp = 205°, bp₂₀ = 92-93°; d₄²⁵ = 0.8501; slightly soluble in H₂O; soluble in EtOH, Et₂O, CHCl₃. *Whitehall-Robins; Menley & James Labs., Inc.*

164 Propylhexedrine d-form

6556-29-2 8045

C₁₀H₂₁N

d-N,α-Dimethylcyclohexaneethylamine.

An α-adrenergic agonist. Used as a mydriatic and nasal decongestant. bp₁₀ = 82-83°. *Whitehall-Robins; Menley & James Labs., Inc.*

165 Propylhexedrine d-form Hydrochloride

6192-96-7 8045

C₁₀H₂₂ClN

d-N,α-Dimethylcyclohexaneethylamine hydrochloride.

An α-adrenergic agonist. Used as a mydriatic and nasal decongestant. mp = 138-139° (dec); [α]_D²⁶ = 14.73°;

soluble in H₂O. *Whitehall-Robins; Menley & James Labs., Inc.*

166 Propylhexedrine dl-form

3595-11-7 8045 222-741-0

C₁₀H₂₁N

(±)-N,α-Dimethylcyclohexaneethylamine.

An α-adrenergic agonist. Used as a mydriatic and nasal decongestant. bp = 205°, bp₂₀ = 92-93°; d₄²⁵ = 0.8501; slightly soluble in H₂O; soluble in EtOH, Et₂O, CHCl₃. *Whitehall-Robins; Menley & James Labs., Inc.*

167 Propylhexedrine dl-form Hydrochloride

6192-95-6 8045

C₁₀H₂₂ClN

(±)-N,α-Dimethylcyclohexaneethylamine hydrochloride.

An α-adrenergic agonist. Used as a mydriatic and nasal decongestant. mp = 127-128° (dec); soluble in H₂O. *Whitehall-Robins; Menley & James Labs., Inc.*

168 Propylhexedrine l-form

6192-97-8 8045 228-245-0

C₁₀H₂₁N

l-N,α-Dimethylcyclohexaneethylamine.

An α-adrenergic agonist. Used as a mydriatic and nasal decongestant. bp₉ = 80-81°. *Whitehall-Robins; Menley & James Labs., Inc.*

169 Propylhexedrine Ethylphenylbarbiturate l-form

4388-82-3 8045 224-504-7

C₂₂H₃₃N₃O₃

(±)-N,α-Dimethylcyclohexaneethylamine.

barbexaclone; Maliasin. An α-adrenergic agonist. Used as a mydriatic and nasal decongestant. *Whitehall-Robins; Menley & James Labs., Inc.*

170 Propylhexedrine l-form Hydrochloride

6192-98-9 8045 228-246-6

C₁₀H₂₂ClN

l-N,α-Dimethylcyclohexaneethylamine hydrochloride.

An α-adrenergic agonist. Used as a mydriatic and nasal decongestant. mp = 138-139° (dec); [α]_D²⁶ = -14.74°; soluble in H₂O. *Whitehall-Robins; Menley & James Labs., Inc.*

171 Pseudoephedrine d-form

90-82-4 3645 202-018-6

C₁₀H₁₅NO

d-α-[1-(Methylamino)ethyl]benzenemethanol.

d-isoeephedrine. An α-adrenergic agonist. Used as a nasal decongestant. mp = 119°; [α]_D²⁰ = 51° (c = 0.6 EtOH); sparingly soluble in H₂O; soluble in EtOH, Et₂O.

172 Pseudoephedrine d-form Hydrochloride

345-78-8 3645 206-462-1

C₁₀H₁₆ClNO

d-α-[1-(Methylamino)ethyl]benzenemethanol hydrochloride.

component of: NovaFed, PediaCare Decongestant Drops, Sudafed, Sudafed Liquid Children's, Actifed, Actifed Plus, Actifed Sinus Daytime, Actifed Sinus Nighttime, Actifed with Codeine Cough Syrup, Advil Cold & Sinus, Allent,

Allergy/Sinus Comtrex Tablets, Bayer Select Allergy-Sinus; Bayer Select Flu Relief, Bayer Select Head & Chest Cold, Bayer Select Head Cold, Bayer Select Nighttime Cold, Bayer Select Sinus Pain Relief, Brexin EX, Brexin L.A., Children's Tylenol Flu Liquid, Comtrex Caplets, Comtrex Liquid, Comtrex Non-Drowsy Caplets, Comtrex Tablets, Congestac; Contac Day & Night Allergy Day Caplets, Contac Day & Night Allergy Night Caplets, Contac Day & Night Cold/Flu Day Caplets, Contac Day & Night Cold/Flu Night Caplets, Contac Severe Cold Formula Non-Drowsy, Co-Pyroneil 2, Dimacol, Dimetapp Children's Cold & Fever, Dimetapp Decongestant Non-Drowsy, Dimetapp Pediatric Decongestant Drops, Dorcol, Dristan Allergy, Dristan Cold & Cough, Dristan Cold Maximum Strength Multi-Symptom; Dristan Cold No Drowsiness Maximum Strength, Dristan Sinus, Drixoral Cough & Congestion, Excedrin Sinus Caplets, Excedrin Sinus Tablets, Histalet Syrup, Histalet X Tablets, Intensin, Lodrane LD, Lodrane Liquid, Naldegescic, Nasatab LA, Nucofed, Ornex/Maximum Strength Ornex, Ornex Severe Cold Formula, PediaCare Cold Formula, PediaCare Cough/Cold Formula, PediaCare Decongestant Drops + Cough, Phenegan-D, Robitussin CF; Robitussin Cold & Cough, Robitussin Cold Cough & Flu, Robitussin Maximum Strength Cough & Cold, Robitussin Night Relief, Robitussin Nighttime Cold Formula, Robitussin PE, Robitussin Pediatric Cough & Cold, Robitussin Pediatric Drops, Robitussin Pediatric Night Relief, Robitussin Severe Congestion, Rondec, Rondec DM, RU-Tuss DE, Semprex-D, Sine-Aid IB Caplets, Sine-Aid Maximum Strength, Sine-Off Maximum Strength No Drowsiness Formula Caplets, Sine-Off Sinus Medicine Caplets, Sudafed Cold & Cough, Sudafed Plus, Sudafed Cold Formula, Sudafed Sinus, Theraflu, Tussar-DM, Tylenol Allergy Sinus, Tylenol Allergy Sinus Nighttime Caplets, Tylenol Children's Cold Tablets, Tylenol Children's Cough Cold Chewable Tablets, Tylenol Cold & Flu Multi-Symptom, Tylenol Cold & Flu No Drowsiness, Tylenol Cold Medication Caplets Liquid & Tablets, Tylenol Cold No Drowsiness, Tylenol Cold Severe Congestion Caplets, Tylenol Cough + Decongestant Liquid, Tylenol Flu Nighttime Gelcaps, Tylenol Flu Nighttime Powder, Tylenol Flu No Drowsiness Gelcaps, Tylenol Sinus Medication Maximum Strength, Viro-Med. An α-adrenergic agonist. Used as a nasal decongestant. mp = 181-182°; [α]_D²⁰ = 62° (c = 0.8); λ_m = 208, 251, 257, 264 nm (ε 8300, 161, 201, 161 EtOH); soluble in H₂O, EtOH, CHCl₃; LD₅₀ (mus ip) = 200 mg/kg. *Merrell Pharmaceuticals Inc.; McNeil Consumer Products Co.; Glaxo Wellcome Inc.; Whitehall-Robins; Ascher, B.F. & Co.; Bristol-Myers Products; Sterling Health U.S.A.; Savage Labs.; Menley & James Labs., Inc.; SmithKline Beecham Pharmaceuticals; Eli Lilly & Co.; Sandoz Pharmaceuticals Corp.; Solvay Pharmaceuticals; ECR Pharmaceuticals; Roberts Pharmaceutical Corp.; Ross Products.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

173 Pseudoephedrine d-form Sulfate

7460-12-0 3645 231-243-2

C₂₀H₃₂N₂O₆S

d-α-[1-(Methylamino)ethyl]benzenemethanol sulfate (2:1) salt.

Afrin Tablets; Afrinol; Chlor-Trimeton ND; Drixoral ND; Duration Tablets; component of: Chlor-Trimeton Decongestant, Claritin D, Disophrol; Drixoral Allergy/Sinus, Drixoral Cold & Allergy, Drixoral Cold & Flu, Polaramine Expectorant, Trinalin. An α-adrenergic agonist. Used as a nasal decongestant. *Schering-Plough*

HealthCare Products; ICI; Schering Corp.

174 Rilmenidine

54187-04-1 8388 259-021-0

$C_{10}H_{16}N_2O$

2-[(Dicyclopropylmethyl)amino]-2-oxazoline.

An α -adrenergic agonist. Used as an antihypertensive agent. mp = 106-107°; [fumarate]: mp = 170°; [phosphate (Hyperium; 5-3341-3)]: soluble in H_2O (19 g/100 ml), MeOH ($\cong$ 7 g/100 ml), $CHCl_3$, EtOH ($\cong$ 0.7 g/100 ml); LD₅₀ (mus orl) = 375 mg/kg, (rat orl) = 295 mg/kg. *Sci. Union et Cie, France.*

175 Romifidine

65896-16-4

$C_9H_9BrFN_3$

2-(2-Bromo-6-fluoroanilino-2-imidazoline.

STH-2130. An α -adrenergic agonist. Sedative (veterinary). *Boehringer Ingelheim Pharmaceuticals, Inc.*

176 Romifidine Hydrochloride

65896-14-2

$C_9H_{10}BrClFN_3$

2-(2-Bromo-6-fluoroanilino-2-imidazoline hydrochloride.

STH-2130-Cl; Sedivet. An α -adrenergic agonist. Sedative (veterinary). *Boehringer Ingelheim Pharmaceuticals, Inc.*

177 Synephrine

94-07-5

9189

202-300-9

$C_9H_{13}NO_2$

(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol.

Oxedrine; Analeptin; Ethaphene; Parasympatol; Simpalon; Synephrin; Synthenate. An α -adrenergic agonist. Used as a vasopressor. mp = 184-185°. *Boehringer Ingelheim GmbH.*

178 Synephrine Hydrochloride

5985-28-4

9189

227-804-6

$C_9H_{14}ClNO_2$

(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol hydrochloride.

Oxedrine hydrochloride. An α -adrenergic agonist. Used as a vasopressor. mp = 151-152°; soluble in H_2O . *Boehringer Ingelheim GmbH.*

179 Synephrine Tartaric Acid Monoester

6414-49-9

9189

$C_{13}H_{17}NO_7$

(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol tartrate (1:1) ester.

Neupentedrin; Pentedrin. An α -adrenergic agonist. Used as a vasopressor. *Boehringer Ingelheim GmbH.*

180 Synephrine Tartrate

16589-24-5

9189

240-647-8

$C_{22}H_{32}N_2O_{10}$

(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol tartrate (2:1) salt.

Corvasymton; Simpadden; Sympathol. An α -adrenergic agonist. Used as a vasopressor. mp = 188-190° (dec); soluble in H_2O , EtOH. *Boehringer Ingelheim GmbH.*

181 Talipexole

101626-70-4

9209

$C_{10}H_{15}N_3S$

6-Allyl-2-amino-5,6,7,8-tetrahydro-4H-thiazolo[4,5-d]azepine.

An α_2 -adrenergic and dopamine D₂ receptor agonist. Used as an antiparkinsonian. *Boehringer Ingelheim GmbH.*

182 Talipexole Dihydrochloride

36085-73-1

9209

$C_{10}H_{17}Cl_2N_3S$

6-Allyl-2-amino-5,6,7,8-tetrahydro-4H-thiazolo[4,5-d]azepine dihydrochloride.

B-HT-920; Domin. An α_2 -adrenergic and dopamine D₂ receptor agonist. Used as an antiparkinsonian. mp = 245° (dec). *Boehringer Ingelheim GmbH.*

183 Tetrahydrozoline

84-22-0

9358

201-522-3

$C_{13}H_{16}N_2$

2-(1,2,3,4-Tetrahydro-1-naphthyl)-2-imidazoline.

tetryzoline. An α -adrenergic agonist. Used as a nasal decongestant. *Ross Products; Alcon Labs.; Marion Merrell Dow Inc.; Wyeth-Ayerst Labs.*

184 Tetrahydrozoline Hydrochloride

522-48-5

9358

208-329-3

$C_{13}H_{17}ClN_2$

2-(1,2,3,4-Tetrahydro-1-naphthyl)-2-imidazoline hydrochloride.

Murine Plus; Soothe; Tyzine; Rhinopront; Tinarhinin; Tyzanol; Visine; Yxin; component of: Collyrium Fresh Eye Drops. An α -adrenergic agonist. Used as a nasal decongestant. mp = 256-257° (dec); λ_m = 264.5, 271.5 nm ($A_{1\%}^{1\text{cm}}$ 17.5, 15.5); freely soluble in H_2O , EtOH; slightly soluble in $CHCl_3$; insoluble in Et_2O . *Ross Products; Alcon Labs.; Marion Merrell Dow Inc.; Wyeth-Ayerst Labs.*

185 Tiamenidine

31428-61-2

9558

$C_8H_{10}ClN_3S$

2-[(2-Chloro-4-methyl-3-thienyl)amino]-2-imidazoline.

Symcor Base TTS; HOE-440; tiamenidine. An α -adrenergic agonist. Used as an antihypertensive. mp = 152°. *Hoechst-Roussel Pharmaceuticals Inc.*

186 Tiamenidine Hydrochloride

51274-83-0

9558

257-100-4

$C_8H_{11}Cl_2N_3S$

2-[(2-Chloro-4-methyl-3-thienyl)amino]-2-imidazoline hydrochloride.

Symcor; HOE-42-440; Sundralen; component of: Symcorad. An α -adrenergic agonist. Used as an antihypertensive. mp = 228-229°; LD₅₀ (rat iv) = 40 mg/kg, (mus iv) = 45 mg/kg, (mus sc) = 170 mg/kg, (mus orl) = 400 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.*

187 Tramazoline

1082-57-1

9702

214-105-6

$C_{13}H_{17}N_3$

2-[(5,6,7,8-Tetrahydro-1-naphthyl)amino]-2-imidazoline.

An α -adrenergic agonist. Used as a nasal decongestant. mp = 142-143°. *Boehringer Ingelheim GmbH.*

188 Tramazoline Hydrochloride Monohydrate

3715-90-0 9702 223-064-3



2-[(5,6,7,8-Tetrahydro-1-naphthyl)amino]-2-imidazoline monohydrochloride.

KB-227; Biciron; Ellatun; Rhinaspray; Rhinogutt; Rhinospray; Rinogutt; Towk. An α -adrenergic agonist. Used as a nasal decongestant. mp = 712-174°; soluble in H_2O ; LD₅₀ (mus orl) = 195 mg/kg. *Boehringer Ingelheim GmbH*.**189 Tuaminoheptane**

123-82-0 9934 204-655-5



1-Methylhexylamine.

Tuamine. An α -adrenergic agonist. Used as a nasal decongestant. bp = 142-144°; d_4^{25} = 0.7600 - 0.7660; soluble in EtOH, Et₂O, CHCl₃, C₆H₆, petroleum ether; slightly soluble in H₂O; [hydrochloride]: mp = 133°, soluble in H₂O. *Eli Lilly & Co.***190 Tuaminoheptane Sulfate**

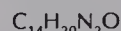
6411-75-2 9934 229-113-5



1-Methylhexylamine sulfate (2:1).

heptedrine. An α -adrenergic agonist. Used as a nasal decongestant. Soluble in H₂O. *Eli Lilly & Co.***191 Tymazoline**

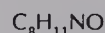
24243-97-8 9965



2-(2-Isopropyl-5-methylphenoxymethyl)-2-imidazoline.

An α -adrenergic agonist. Used as a nasal decongestant. [hydrochloride]: mp = 215-217°, 223.5-225°. *Ciba plc*.**192 Tyramine**

51-67-2 9966 200-115-8



4-(2-Aminoethyl)phenol.

An α -adrenergic agonist. mp = 164-165°; bp₂₅ = 205-207°, bp₂ = 166°; soluble in H₂O (1.05 g/100 ml at 15°), EtOH (10 g/100 ml at 76°); sparingly soluble in C₆H₆, xylene.**193 Tyramine Hydrochloride**

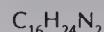
60-19-5 9966 200-462-5



4-(2-Aminoethyl)phenol hydrochloride.

Mydrial; Uteramin. An α -adrenergic agonist. mp = 269°; soluble in H₂O.**194 Xylometazoline**

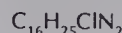
526-36-3 10219 208-390-6



2-(4-tert-Butyl-2,6-dimethylbenzyl)-2-imidazoline.

Otrivin. An α -adrenergic agonist. Used as a nasal decongestant. mp = 131-133°. *Sterling Winthrop, Inc.*; *Ciba-Geigy Corp.***195 Xylometazoline Hydrochloride**

1218-35-5 10219 214-936-4



2-(4-tert-Butyl-2,6-dimethylbenzyl)-2-imidazoline

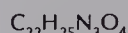
hydrochloride.

Neo-Synephrine II; Otrivin hydrochloride; Neo-Rinoleina; Novorin; Olynth; Otriven; Otrix; Therapin; Xymelin. An α -adrenergic agonist. Used as a nasal decongestant. Soluble in H₂O (< 3 g/100 ml), MeOH, EtOH; insoluble in C₆H₆, Et₂O. *Sterling Winthrop, Inc.*; *Ciba-Geigy Corp.*

alpha-Adrenergic Blockers

196 Abanoquil

90402-40-7



4-Amino-2-(3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolyl)-6,7-dimethoxy quinoline.

An α -adrenergic blocker and antiarrhythmic.**197 Adimolol**

78459-19-5

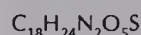


(±)-1-[3-[[2-Hydroxy-3-(1-naphthoxy)propyl]amino]-3-methylbutyl]-2-benzimidazolinone.

A long acting beta-adrenoceptor blocker.

198 Amosulalol

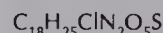
85320-68-9 614



(±)-5-[1-Hydroxy-2-[[2-(o-methoxyphenoxy)ethyl]amino]ethyl]-o-toluenesulfonamide.

An α_1 -adrenergic blocking agent with antihypertensive activity. *Yamanouchi U.S.A. Inc.***199 Amosulalol Hydrochloride**

93633-92-2 614



(±)-5-[1-Hydroxy-2-[[2-(o-methoxyphenoxy)ethyl]amino]ethyl]-o-toluenesulfonamide hydrochloride.

YM-09538; Lowgan. An α_1 -adrenergic blocking agent with antihypertensive activity. mp = 158-160°; [R(-)-form]: mp = 158°; [α_D^{20} = -30.4° (c = 1 MeOH)]; [S(+)-form]: mp = 158°; [α_D^{20} = 30.7° (c = 1 MeOH)]. *Yamanouchi U.S.A. Inc.***200 Arotinolol**

68377-92-4 827



(±)-5-[2-[[3-(tert-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide.

An α_1 -adrenergic blocking agent with antianginal activity. Also antihypertensive and antiarrhythmic. Possesses both α - and β -adrenergic blocking activity. mp = 148-149°. *Sumitomo*.**201 Arotinolol Hydrochloride**

68377-91-3 827



(±)-5-[2-[[3-(tert-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide.

S-596; ARL; Almarl. An α_1 -adrenergic blocking agent with antianginal activity. Also antihypertensive and antiarrhythmic. Possesses both α - and β -adrenergic blocking activity. mp = 234-235.5°; LD₅₀ (mus iv) = 86

mg/kg, (mus ip) = 360 mg/kg, (mus orl) > 5000 mg/kg.
Sumitomo.

202 Aspidosperma

1398-11-4

Plant derived substances with adrenergic blocking activities for a variety of urogenital tissues.

203 Dapiprazole

72822-12-9

2884

$C_{19}H_{27}N_5$

5,6,7,8-Tetrahydro-3-[2-(4-o-tolyl-1-piperazinyl)ethyl]-s-triazolo[4,3-a]pyridine.

An α_1 -adrenergic blocking agent with antiglaucoma and miotic activity. mp = 158-160°. *Angelini Francesco.*

204 Dapiprazole Hydrochloride

72822-13-0

2884

$C_{19}H_{28}ClN_5$

5,6,7,8-Tetrahydro-3-[2-(4-o-tolyl-1-piperazinyl)ethyl]-s-triazolo[4,3-a]pyridine hydrochloride.

AF-2139; Glamidolo; Reversil; Rev-Eyes. An α_1 -adrenergic blocking agent with antiglaucoma and miotic activity. mp = 206-207°; LD₅₀ (mus ip) = 260 mg/kg. *Angelini Francesco.*

205 Dexefaroxan

143249-88-1

$C_{13}H_{16}N_2O$

(+)-(R)-2-(2-Ethyl-2,3-dihydro-2-benzofuranyl)-2-imidazoline.

Selective α_2 antagonist.

206 Doxazosin

74191-85-8

3489

$C_{23}H_{25}N_5O_5$

1-(4-Amino-6,7-dimethoxy-2-quinazoliny)-4-(1,4-benzodioxan-2-ylcarbonyl)piperazine.

UK-33274. Selective α -adrenergic blocker related to Prazosin. Antihypertensive. [monohydrochloride]: mp = 289-290°. *Roerig Div., Pfizer Pharmaceuticals; Pfizer International.*

207 Doxazosin Monomethanesulfonate

77883-43-3

3489

$C_{24}H_{29}N_5O_8S$

1-(4-Amino-6,7-dimethoxy-2-quinazoliny)-4-(1,4-benzodioxan-2-ylcarbonyl)piperazine monomethanesulfonate.

Cardura; UK-33274-27; doxazosin mesylate; Alfadil; Cardenalin; Cardular; Cardura; Cardran; Diblocin; Normothen; Supressin. Selective α -adrenergic blocker related to Prazosin. Antihypertensive. *Roerig Div., Pfizer Pharmaceuticals; Pfizer International.*

208 Efaroxan

89197-32-0

$C_{13}H_{16}N_2O$

(±)-2-(2-Ethyl-2,3-dihydro-2-benzofuranyl)-2-imidazoline.

An α_2 -adrenoceptor antagonist.

209 Ergoloid Mesylates

8067-24-1

3692

$C_{36}H_{45}N_5O_8S$

Dihydroergotoxine monomethanesulfonate (salt).

co-dercrine mesylate; CCK-179; Circanol; Coristin; Dacoren; DCCK; Deapril-ST; Decril; Dulcion; Ergodesit; Ergohydrin; Ergoplus; Hydergine; Lysergin; Novofluen; Orphol; Pérénan; Progeril; Redergin; Sponsin; Trigot. A mixture of hydrogenated ergot alkaloids, particularly dihydroergocornine mesylate, dihydroergocristine mesylate, and α - and β -dihydroergocryptine mesylates.

An α_1 -adrenergic blocking agent used for treatment of impaired mental function.

210 Fenspiride

5053-06-5

4041

$C_{15}H_{20}N_2O_2$

8-Phenethyl-1-oxa-3,8-diazaspiro[4.5]decan-2-one.

decaspiride; DESP. α_1 -adrenergic blocker used as a bronchodilator. bp₂ = 126-127°. *Marion Merrell Dow Inc.*

211 Fenspiride Hydrochloride

5053-08-7

4041

$C_{15}H_{21}ClN_2O_2$

8-Phenethyl-1-oxa-3,8-diazaspiro[4.5]decan-2-one monohydrochloride.

NAT 333; NDR-5998A; Decaspir; Fluiden; Pneumorel; Respiride; Tegencia; Viorespan. An α_1 -adrenergic blocking agent used as a bronchodilator. mp = 232-233° (dec); soluble in H₂O; LD₅₀ (mus iv) = 106 mg/kg, (rat orl) = 437 mg/kg. *Marion Merrell Dow Inc.*

212 Indoramin

26844-12-2

5000

248-041-5

$C_{22}H_{25}N_3O$

N-[1-(2-Indol-3-ylethyl)-4-piperidyl]benzamide.

Wy-21901. An α_1 -adrenergic blocking agent with antihypertensive and bronchodilating activity. mp = 208-210°. *Wyeth-Ayerst Labs.*

213 Indoramin Hydrochloride

38821-52-2

5000

254-136-2

$C_{22}H_{26}ClN_3O$

N-[1-(2-Indol-3-ylethyl)-4-piperidyl]benzamide hydrochloride.

Wy-21901 HCl; Baratol; Doralese; Vidora; Wydora; Wypres; Wypresin. An α_1 -adrenergic blocking agent with antihypertensive and bronchodilating activity. mp = 230-232°, 258-260°. *Wyeth-Ayerst Labs.*

214 Labetalol

36894-69-6

5341

$C_{19}H_{24}N_2O_3$

5-[1-Hydroxy-2-[(1-methyl-3-phenylpropyl)amino]-ethyl]salicylamide.

ibidomide; Dilevalol [as (R,R)-isomer]. An α - and β -adrenergic blocking agent with antihypertensive activity. *Glaxo Wellcome Inc.; Key Pharmaceuticals.*

215 Labetalol Hydrochloride

32780-64-6

5341

$C_{19}H_{25}ClN_2O_3$

5-[1-Hydroxy-2-[(1-methyl-3-phenylpropyl)amino]-ethyl]salicylamide monohydrochloride.

Normodyne; Trandate; Sch-15719W; AH-5158A; Amipress; Ipolab; Labetol; Labrocol; Presdate; Pressalolo. An α - and β -adrenergic blocking agent with antihypertensive activity. mp = 187-189°; soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃; LD₅₀ (mmus ip) = 114

mg/kg, (mmus iv) = 47 mg/kg, (mmus orl) = 1450 mg/kg, (fmus ip) = 120 mg/kg, (fmus iv) = 54 mg/kg, (fmus orl) = 1800 mg/kg, (mrat ip) = 113 mg/kg, (mrat iv) = 60 mg/kg, (mrat orl) = 4550 mg/kg, (frat ip) = 107 mg/kg, (frat iv) = 53 mg/kg, (frat orl) = 4000 mg/kg. *Glaxo Wellcome Inc.; Key Pharmaceuticals.*

216 Midaglizole

66529-17-7



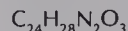
(±)-2-[α-(2-Imidazolin-2-ylmethyl)benzyl]pyridine.

Selective α₂-adrenergic antagonist.

217 Naftopidil

57149-07-2

6443



4-(o-Methoxyphenyl)-α-[(1-naphthyloxy)methyl]-1-piperazineethanol.

KT-611; Avishot; Flivas. An α₁ adrenergic blocker and serotonin 5HT_{1A} receptor agonist. Used as an antihypertensive agent. Also used in treatment of BPH. mp = 125-126°, 125-129°; insoluble in H₂O; LD₅₀ (mus orl) = 1300 mg/kg, (rat orl) = 6400 mg/kg. *Boehringer Mannheim GmbH.*

218 Naftopidil Dihydrochloride

57149-08-3

6443



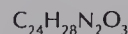
4-(o-Methoxyphenyl)-α-[(1-naphthyloxy)methyl]-1-piperazineethanol dihydrochloride.

An α₁ adrenergic blocker and serotonin 5HT_{1A} receptor agonist. Used as an antihypertensive agent. Also used to treat BPH. mp = 212-213°. *Boehringer Mannheim GmbH.*

219 (±)-Naftopidil

132295-16-0

6443



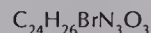
(±)-4-(o-Methoxyphenyl)-α-[(1-naphthyloxy)methyl]-1-piperazineethanol.

KT-611; Avishot; Flivas. An α₁ adrenergic blocker and serotonin 5HT_{1A} receptor agonist. Used as an antihypertensive agent. Also used in treatment of BPH. mp = 125-126°, 125-129°; insoluble in H₂O. *Boehringer Mannheim GmbH.*

220 Nicergoline

27848-84-6

6580



10-Methoxy-1,6-dimethylergoline-8β-methanol 5-bromonicotinate (ester).

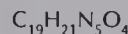
nicotergoline; nimergoline; MNE; FI-6714; Cergodum; Circo-Maren; Dilasenil; Duracebrol; Ergotop; Ergobel; Memoq; Nicergolent; Sermion; Vasospan. An α₁-adrenergic blocking agent with vasodilating properties. mp = 136-138°; LD₅₀ (mmus orl) = 860 mg/kg, (mmus iv) = 46 mg/kg, (mrat orl) = 2800 mg/kg, (mrat iv) = 43 mg/kg. *Farmitalia.*

221 Prazosin

19216-56-9

7897

242-885-8



1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furoyl)piperazine.

furazosin. An α₁-adrenergic blocking agent used as an

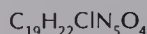
antihypertensive agent and also in treatment of BPH. mp = 278-280°. *Pfizer International.*

222 Prazosin hydrochloride

19237-84-4

7897

242-903-4



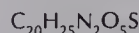
1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furoyl)piperazine hydrochloride.

Minipress; CP-12299-1; Alpress LP; Duramipress; Eurex; Hypovase; PeripressSinetens. α₁-adrenergic blocker used as an antihypertensive agent and in treatment of BPH. Soluble in Me₂CO (0.72 mg/100 ml), MeOH (640 mg/100 ml), EtOH (84 mg/100 ml), DMF (130 mg/100 ml), dimethylacetamide (120 mg/100 ml), H₂O (140 mg/100 ml at pH 3.5), CHCl₃ (4.1 mg/100 ml); λ_m = 246, 329 nm (a_M 137 ± 3, 27.6 ± 0.3 MeOH/1% HCl). *Pfizer International.*

223 Tamsulosin

106133-20-4

9217



(-)-(R)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzenesulfonamide.

An α₁-adrenergic blocking agent used in treatment of BPH. *Boehringer Ingelheim Pharmaceuticals, Inc.; Yamanouchi U.S.A. Inc.*

224 Tamsulosin dl-form Hydrochloride

80223-99-0

9217



(±)-(R)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzenesulfonamide hydrochloride.

LY-253351; YM-617; Amsulosin. α₁-adrenergic blocker used to treat BPH. mp = 254-256°. *Boehringer Ingelheim Pharmaceuticals, Inc.; Yamanouchi U.S.A. Inc.*

225 Tamsulosin R-form Hydrochloride

106463-17-6

9217



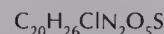
(-)-(R)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzenesulfonamide hydrochloride.

R-(-)-YM-12617-1; Harnal. α₁-adrenergic blocker used to treat BPH. mp = 228-230°; [α]_D²⁴ = -4.0° (c = 0.35 MeOH). *Boehringer Ingelheim Pharmaceuticals, Inc.; Yamanouchi U.S.A. Inc.*

226 Tamsulosin S-form Hydrochloride

106463-19-8

9217



(-)-(S)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzenesulfonamide hydrochloride.

YM-12617-2. α₁-adrenergic blocker used to treat BPH. mp = 228-230°; [α]_D²⁴ = 4.2° (c = 0.36 MeOH). *Boehringer Ingelheim Pharmaceuticals, Inc.; Yamanouchi U.S.A. Inc.*

227 Terazosin

63590-64-7

9297



1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(tetrahydro-2-furoyl)piperazine.

An α₁-adrenergic blocker related to prazosin. Used as an antihypertensive agent and in treatment of BPH. mp = 272.6-274°; soluble in MeOH (3.37 g/100 ml), H₂O (2.97

g/100 ml), EtOH (0.41 g/100 ml), CHCl_3 (0.12 g/100 ml), Me_2CO (.1 mg/100 ml); insoluble in C_6H_{14} ; $\lambda_m = 212, 245, 330 \text{ nm}$ (a 65.7, 127.5, 24.0 H_2O). *Abbott Labs.*

228 Terazosin Hydrochloride Dihydrate

70024-40-7 9297

$\text{C}_{19}\text{H}_{26}\text{ClN}_5\text{O}_4 \cdot 2\text{H}_2\text{O}$

1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(tetrahydro-2-furoyl)piperazine hydrochloride.

Hytrin; Abbott-45975; Heitrin; Hytracin; Hytrinex; Itrin; Urodie; Vasocard; Vasomet; Vicard. An α_1 -adrenergic blocker related to prazosin. Used as an antihypertensive agent and in treatment of BPH. mp = 271-274°; soluble in H_2O (2.42 g/100 ml); LD_{50} (mrat iv) = 277 mg/kg, (frat iv) = 293 mg/kg; [hydrochloride anhydrous]: mp = 278-279°; soluble in H_2O (76.12 g/100 ml); LD_{50} (mus iv) = 259.3 mg/kg. *Abbott Labs.*

229 Tibalosis

63996-84-9

$\text{C}_{21}\text{H}_{27}\text{NOS}$

(±)-Erythro-2,3-Dihydro- α -[1-[(4-phenylbutyl)amino]-ethyl]benzo[b]thiophene-5-methanol.

CP-804-S. Heterocyclic aminoalcohol related to ifenprodil. Antagonists acting at the polyamine site of the N-methyl-D-aspartate (NMDA) subtype of glutamate receptor. Antihypertensive; α 1-adrenoceptor antagonist.

230 Tolazoline

59-98-3 9645

$\text{C}_{10}\text{H}_{12}\text{N}_2$

2-Benzyl-2-imidazoline.

phenylmethylimidazoline. An α_1 -adrenergic blocking agent with vasodilating properties. *Ciba plc.*

231 Tolazoline Hydrochloride

59-97-2 9645

$\text{C}_{10}\text{H}_{13}\text{ClN}_2$

2-Benzyl-2-imidazoline hydrochloride.

Priscoline hydrochloride; Lambral; Priscol; Priscoline; Vaso-Dilatan. An α_1 -adrenergic blocking agent with vasodilating properties. mp = 174°; soluble in H_2O , EtOH, CHCl_3 ; insoluble in Et_2O , EtOAc. *Ciba plc.*

232 Trimazosin

35795-16-5 9828 252-732-7

$\text{C}_{20}\text{H}_{29}\text{N}_5\text{O}_6$

2-Hydroxy-2-methylpropyl 4-(4-amino-6,7,8-trimethoxy-2-quinazolinyl)-1-piperazine carboxylate.

An α_1 -adrenergic blocking agent with antihypertensive activity. mp = 158-159°. *Pfizer Inc.*

233 Trimazosin Hydrochloride Monohydrate

53746-46-6 9828

$\text{C}_{20}\text{H}_{30}\text{ClN}_5\text{O}_6 \cdot \text{H}_2\text{O}$

2-Hydroxy-2-methylpropyl 4-(4-amino-6,7,8-trimethoxy-2-quinazolinyl)-1-piperazine carboxylate monohydrochloride monohydrate.

CP-19106-1; Cardovar; Supres. An α_1 -adrenergic blocking agent with antihypertensive activity. mp = 166-169° (dec). *Pfizer Inc.*

234 Tropodifene

15790-02-0

$\text{C}_{25}\text{H}_{29}\text{NO}_4$

Tropine 3-(p-hydroxyphenyl-2-phenylpropionate (ester) acetate (ester).

An α_1 -adrenergic blocker.

235 Yohimbine

146-48-5 10236 205-672-0

$\text{C}_{21}\text{H}_{26}\text{N}_2\text{O}_3$

17 α -Hydroxy-yohimban-16 α -carboxylic acid.

quebrachine; corynine; aphrodine. Indole alkaloid with α_2 -adrenergic blocking activity. Used as a mydriatic. mp = 234°, 235-237°; $[\alpha]_D^{20} = 50.9 - 62.2^\circ$ (EtOH), 108° ($\text{C}_5\text{H}_5\text{N}$); $\lambda_m = 226, 280, 291 \text{ nm}$ (log ϵ 4.56, 3.88, 3.80 MeOH); sparingly soluble in H_2O ; soluble in EtOH, CHCl_3 , hot C_6H_6 ; moderately soluble in Et_2O .

alpha-Glucosidase Inhibitors

236 Acarbose

56180-94-0 15 260-030-7

$\text{C}_{25}\text{H}_{43}\text{NO}_{18}$

O-4,6-Dideoxy-4-[[[(1S,4R,5R,6S)-4,5,6-trihydroxy-3-

(hydroxymethyl)-2-cyclohexen-1-yl]amino]- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-D-glucose.

Precose; Bay g 5421; Glucobay. An α -glucosidase inhibitor with anti-diabetic activity. $[\alpha]_D^{18} = 165^\circ$ (c = 0.4 H_2O). *Bayer AG.*

237 Miglitol

72432-03-2 6274 276-661-6

$\text{C}_8\text{H}_{17}\text{NO}_5$

(2R,3R,4R,5S)-1-(2-Hydroxyethyl)-2-(hydroxymethyl)-3,4,5-piperidinetriol.

Bay m 1099. The hydroxyethyl derivative of 1-deoxynojirimycin. An α -glucosidase inhibitor with anti-diabetic activity. mp = 114°. *Bayer AG.*

238 Voglibose

83480-29-9

$\text{C}_{10}\text{H}_{21}\text{NO}_7$

3,4-Dideoxy-4-[[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-C-(hydroxymethyl)-D-epiinositol.

AO-128. An α -Glucosidase inhibitor.

Anabolic Steroids

239 Androisoxazole

360-66-7 674

$\text{C}_{21}\text{H}_{31}\text{NO}_2$

17 β -Hydroxy-17 α -methylandrostan[3,2-c]isoxazole.

Neo-Ponden. An anabolic agent. mp = 169-170°; $[\alpha]_D = 19^\circ$; $\lambda_m = 226 \text{ nm}$ (log $\epsilon = 3.71$ EtOH).

240 Androstenediol

521-17-5 677 208-306-8

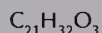
$\text{C}_{19}\text{H}_{30}\text{O}_2$

Androst-5-ene-3 β ,17 β -diol.

An anabolic agent. mp = 184°; $[\alpha]_D^{18} = -55.5^\circ$ (c = 0.4 iPrOH); insoluble in H₂O. *Nopco*.

241 Androstenediol 17-Acetate

5937-72-4 677

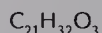


Androst-5-ene-3 β ,17 β -diol 17-acetate.

An anabolic agent. mp = 146.5-148.5°; $[\alpha]_D^{18} = -62.4^\circ$ (EtOH). *Nopco*.

242 Androstenediol 3-Acetate

1639-43-6 677 216-681-4

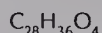


Androst-5-ene-3 β ,17 β -diol 3-acetate.

An anabolic agent. mp = 147-148°. *Nopco*.

243 Androstenediol 3-Acetate-17-benzoate

5953-63-9 677 227-717-3

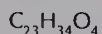


Androst-5-ene-3 β ,17 β -diol 3-acetate-17-benzoate.

An anabolic agent. mp = 180-182°. *Nopco*.

244 Androstenediol Diacetate

2099-26-5 677 218-264-2

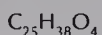


Androst-5-ene-3 β ,17 β -diacetate.

An anabolic agent. mp = 165-166°; $[\alpha]_D^{18} = -56.5^\circ$ (EtOH). *Nopco*.

245 Androstenediol Dipropionate

2297-30-5 677 218-943-3

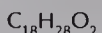


Androst-5-ene-3 β ,17 β -dipropionate.

Bisexovis; Stenandiol. An anabolic agent. *Nopco*.

246 Bolandiol

19793-20-5 1352

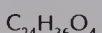


Estr-4-ene-3 β ,17 β -diol.

An anabolic agent. mp = 169-172°. *Searle, G.D., & Co.*

247 Bolandiol Dipropionate

1986-53-4 1352

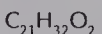


Estr-4-ene-3 β ,17 β -diol dipropionate.

SC-7525; norpropandrolate; Anabiol; Storinol. An anabolic agent. *Searle, G.D., & Co.*

248 Bolasterone

1605-89-6 1353 216-519-2

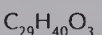


17 β -Hydroxy-7 α ,17-dimethylandroster-4-en-3-one.

7 α ,17-dimethyltestosterone; U-19763; NSC-66233. An anabolic. mp = 163-165°. *Pharmacia & Upjohn, Inc.*

249 Bolmantalate

1491-81-2

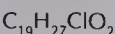


17 β -Hydroxyestr-4-en-3-one 1-adamantanecarboxylate.

38851. An anabolic agent. *Eli Lilly & Co.*

250 Clostebol

1093-58-9 2475 214-133-9



4-Chloro-17 β -hydroxyandroster-4-en-3-one.

4-chlorotestosterone. An anabolic agent. mp = 188-190°;

$[\alpha]_D^{20} = 148^\circ$ (CHCl₃); $\lambda_m = 256$ nm (log ϵ 4.13 EtOH). *Farmitalia; Julian*.

251 Clostebol Acetate

855-19-6 2475 212-720-4



4-Chloro-17 β -acetoxyandroster-4-en-3-one.

Macrobin; Steranabol. An anabolic agent. mp = 228-

230°; $[\alpha]_D = 118^\circ \pm 4^\circ$ (CHCl₃); $\lambda_m = 255$ nm (ϵ 13300); soluble in EtOH. *Farmitalia; Julian*.

252 Ethylestrenol

965-90-2 3851 213-523-6



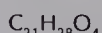
19-Norpregn-4-en-17 β -ol.

Orabolin; Durabolin-O; Orgaboral; Maxibolin;

Orgabolin. An anabolic agent. mp = 209-212°; $[\alpha]_D^{25} = -105^\circ$ (CHCl₃); soluble in H₂O; LD₅₀ (rat ip) = 104 mg/kg, (rat sc) = 270 mg/kg, (rat orl) > 1000 mg/kg, (mus ip) = 187 mg/kg, (mus sc) = 293 mg/kg. *Organon Inc.*

253 Formebolone

2454-11-7 4266 219-523-2



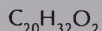
11 α ,17 β -Dihydroxy-17-methyl-3-oxoandrosta-1,4-diene-2-carboxaldehyde.

formyldienolone; Esiclone. An anabolic agent. mp = 209-

212°; $[\alpha]_D^{25} = -105^\circ$ (CHCl₃); soluble in H₂O; LD₅₀ (rat ip) = 104 mg/kg, (rat sc) = 270 mg/kg, (rat orl) > 1000 mg/kg, (mus ip) = 187 mg/kg, (mus sc) = 293 mg/kg. *Lab. Prod. Biol. Braglia*.

254 Methandriol

521-10-8 6017 208-301-0



17 α -Methylandroster-5-ene-3 β ,17 β -diol.

Methostan; methylandrosterenediol; MAD; mestenediol;

Masdiol; Metocryst; Metildiolo; Androdiol; Metidione;

Nabadiol; Neosteron; Diolandrone; Stenediol;

Protandren; Neostene; Crestabolic; Diolostene;

Metendiolo; Metandiolo; Methandiolo; Methanabol;

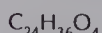
Methostan; Neutormone; Neutrosteron; Androteston-M;

Megabion; Notandron. An anabolic agent. mp = 205.5-

206.5°; $[\alpha]_D^{20} = -73^\circ$ (EtOH); slightly soluble in organic solvents, insoluble in H₂O. *Schering Corp.*

255 Methandriol Diacetate

2061-86-1 6017 218-167-5



17 α -Methylandroster-5-ene-3 β ,17 β -diacetate.

An anabolic agent. mp = 145-146°; $[\alpha]_D^{21} = -59^\circ$ (c = 0.984 EtOH). *Schering Corp.*

256 Methandriol Dipropionate

3593-85-9 6017 222-735-8

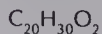


17 α -Methylandroster-5-ene-3 β ,17 β -dipropionate.

Probolin. An anabolic agent. *Schering Corp.*

257 Methenolone

153-00-4 6044 205-812-0



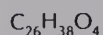
- 17 β -Hydroxy-1-methyl-5 α -androst-1-en-3-one.
mêténolone. An anabolic agent. mp = 149.5-152°, 160-161°; $[\alpha]_D = 58.9^\circ$. *Schering AG*.
- 258 Methenolone 17-Acetate**
434-05-9 6044 207-097-0
 $C_{22}H_{32}O_3$
17 β -Hydroxy-1-methyl-5 α -androst-1-en-3-one 17-acetate.
SH-567; SQ-16496; NSC-74226; Primobolan Tablets; Primonabol. An anabolic agent. mp = 138-139°; $\lambda_m = 240$ nm (ϵ 13300 MeOH); soluble in MeOH, Et₂O, CHCl₃. *Schering AG*.
- 259 Methenolone 17-Enanthate**
303-42-4 6044 206-141-6
 $C_{27}H_{42}O_3$
17 β -Hydroxy-1-methyl-5 α -androst-1-en-3-one 17-heptanoate.
SH-601; SQ-16374; NSC-64967; methenolone enanthate Primobolan-Depot; Primonabol Depot. An anabolic agent. *Schering AG*.
- 260 Methyltrienolone**
965-93-5 6211
 $C_{19}H_{24}O_2$
17 β -Hydroxy-17 α -methylestra-4,9,11-trien-3-one. metribolone; R-1881. An anabolic agent. mp = 170°; $[\alpha]_D^{20} = -58.7^\circ$ (c = 0.5 EtOH). *Roussel-UCI*.
- 261 Mibolerone**
3704-09-4 6262 223-046-5
 $C_{20}H_{30}O_2$
17 β -Hydroxy-7 α ,17-dimethylestr-4-en-3-one.
U-10997; Cheque; Matenon. An anabolic steroid with androgenic properties. Soluble in H₂O (4.54 mg/100 ml at 37°). *Pharmacia & Upjohn, Inc.*
- 262 Nandrolone Cyclohexanecarboxylate**
18470-94-5 6452 242-351-4
 $C_{25}H_{36}O_3$
17 β -Hydroxyestr-4-en-3-one cyclohexanecarboxylate.
19-nortestosterone hexahydrobenzoate; Nolongandron; Nor-Durandron. An anabolic steroid with androgenic properties. mp = 88-89°; $[\alpha]_D^{20} = 50^\circ$ (c = 0.5 CHCl₃). *Organon Inc.; Forest Pharmaceuticals Inc.*
- 263 Nandrolone Cyclohexanepropionate**
912-57-2 6452 213-013-3
 $C_{27}H_{40}O_3$
17 β -Hydroxyestr-4-en-3-one cyclohexanepropionate.
19-nortestosterone cyclohexylpropionate; Sanabolicum. An anabolic steroid with androgenic properties. *Organon Inc.; Forest Pharmaceuticals Inc.*
- 264 Nandrolone Decanoate**
360-70-3 6452 206-639-3
 $C_{28}H_{44}O_3$
17 β -Hydroxyestr-4-en-3-one decanoate.
19-nortestosterone decanoate; Deca-Durabol; Deca-Hybolin; Hybolin decanoate; Deca-Durabol; Nandrobolic L.A.; Retabolil. An anabolic steroid with androgenic properties. mp = 32-35°; soluble in EtOH, Et₂O, Me₂CO, CHCl₃; insoluble in H₂O. *Organon Inc.*

Forest Pharmaceuticals Inc.

- 265 Nandrolone Dodecanoate**
26490-31-3 6452 247-739-7
 $C_{30}H_{48}O_3$
17 β -Hydroxyestr-4-en-3-one dodecanoate.
nandrolone laurate; Laurabolin. An anabolic steroid with androgenic properties. *Organon Inc.; Forest Pharmaceuticals Inc.*
- 266 Nandrolone Furylpropionate**
7642-64-0 6452 231-580-5
 $C_{25}H_{32}O_4$
17 β -Hydroxyestr-4-en-3-one furylpropionate.
19-nortestosterone furylpropionate; NFP; Demelon. An anabolic steroid with androgenic properties. *Organon Inc.; Forest Pharmaceuticals Inc.*
- 267 Nandrolone Phenpropionate**
62-90-8 6452 200-551-9
 $C_{27}H_{34}O_3$
17 β -Hydroxyestr-4-en-3-one hydrocinnamate.
Durabol; Nandrobolic; NSC-23162; Activin; Durabol; Strabolene; Superanabolon; Nandrolin. An anabolic steroid with androgenic properties. mp = 95-96°; $[\alpha]_D = 58^\circ$ (CHCl₃). *Organon Inc.; Forest Pharmaceuticals Inc.*
- 268 Nandrolone p-Hexyloxyphenylpropionate**
52279-57-9 6452 257-810-4
 $C_{33}H_{46}O_4$
17 β -Hydroxyestr-4-en-3-one p-Hexyloxyphenylpropionate.
Anador; Anadur; 19-nortestosterone-3-(p-hexyloxyphenyl)propionate. An anabolic steroid with androgenic properties. mp = 53-55°; $[\alpha]_D = 45^\circ$ (c = 1 dioxane). *Organon Inc.; Forest Pharmaceuticals Inc.*
- 269 Nandrolone Propionate**
7207-92-3 6452 230-587-0
 $C_{21}H_{30}O_3$
17 β -Hydroxyestr-4-en-3-one propionate.
19-nortestosterone propionate. An anabolic steroid with androgenic properties. mp = 55-60°; $[\alpha]_D^{23.5} = 58^\circ$ (CHCl₃); $\lambda_m = 240$ nm (ϵ 16650). *Organon Inc.; Forest Pharmaceuticals Inc.*
- 270 Norbolethone**
1235-15-0 6779
 $C_{21}H_{32}O_2$
($\pm$)-13-Ethyl-17 β -hydroxy-18,19-dinorpregn-4-en-3-one.
Wy-3475; Genabol. An anabolic agent. mp = 144-145°; $\lambda_m = 241$ nm (ϵ 16500); LD₅₀ (mus orl) > 5010 mg/kg; [d form]: mp = 175-176°; $[\alpha]_D = 20.7^\circ$ (CHCl₃); [l form]: mp = 172-175.5°; $[\alpha]_D = -18.1^\circ$ (CHCl₃). *Wyeth-Ayerst Labs.*
- 271 Oxabolone**
4721-69-1 7034 225-212-2
 $C_{18}H_{26}O_3$
4,17 β -Dihydroxy-estr-4-en-3-one.
19-norandrost-4-ene-4,17 β -diol-3-one. An anabolic agent. mp = 188-190°; $\lambda_m = 278$ nm (ϵ 11600). *Farmitalia.*

272 Oxabolone 17-Cyclopentanepropionate

1254-35-9 7034 215-011-8

4,17 β -Dihydroxy-estr-4-en-3-one

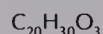
17-cyclopentanepropionate.

FI-5852; oxabolone cypionate; Steranabol Long-Acting;

Steranabol ritardo. An anabolic agent. mp = 158-160°;

[α_D^{20} = 30° (c = 1 CHCl₃); λ_m = 276 nm ($E_{1\text{ cm}}^{1\%}$ = 315 EtOH);soluble in CHCl₃, dioxane, C₆H₆; less soluble in MeOH;insoluble in H₂O, C₆H₁₆. *Farmitalia*.**273 Oxymesterone**

145-12-0 7099 205-646-9

4,17 β -Dihydroxy-17 α -methylandro-4-en-3-one.

oxymesterone; Anamidol; Oranabol; Theranabol. Anabolic

steroid with androgenic properties. mp = 169-171°; [α_D^{20} =69° (EtOH); λ_m = 278 nm ($E_{1\text{ cm}}^{1\%}$ 406 EtOH); soluble inCHCl₃, Me₂CO, EtOH; insoluble in H₂O. *Farmitalia*.**274 Pizotyline**

15574-96-6 7671 239-632-9



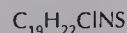
4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta[1,2-b]thien-4-ylidene)-1-methylpiperidine.

BC-105; pizotifen; pizotifan; Litec. Anabolic and

antidepressant. Serotonin inhibitor. Used to alleviate

migraine. *Sandoz Pharmaceuticals Corp.***275 Pizotyline Hydrochloride**

73391-87-4 7671

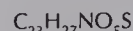


4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta[1,2-b]thien-4-ylidene)-1-methylpiperidine hydrochloride.

Anabolic and antidepressant. Serotonin inhibitor. Used to

alleviate migraine. mp = 261-263°. *Sandoz**Pharmaceuticals Corp.***276 Pizotyline Malate**

5189-1-7 7671



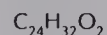
4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta[1,2-b]thien-4-ylidene)-1-methylpiperidine malate.

Sandomigran; Sanmigran; Sanomigran; Mosegor.

Anabolic and antidepressant. Serotonin inhibitor. Used to

alleviate migraine. mp = 185-186° (dec). *Sandoz**Pharmaceuticals Corp.***277 Quinbolone**

2487-63-0 8236

17 β -(1-Cyclopenten-1-yloxy)androsta-1,4-dien-3-one.

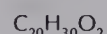
Anabolicum Vister. An anabolic agent. mp = 133-135°;

[α_D^{20} = 61° (dioxane); λ_m = 244-245 nm ($E_{1\text{ cm}}^{1\%}$ 430-450

dioxane); soluble in organic solvents; sparingly soluble in

EtOH, C₆H₁₄; soluble in sesame oil (4.0-4.5 g/100 ml),insoluble in H₂O.**278 Stenbolone**

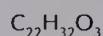
5197-58-0 8962

17 β -Hydroxy-2-methyl-5 α -andro-1-en-3-one.

An anabolic agent. The acetate is used as an anabolic.

mp = 155-158°; [α_D = 52° (CHCl₃), [α_D^{26} = 47° (CHCl₃); λ_m = 241 nm (log ϵ = 3.99 EtOH). *Syntex International*,† *Ltd.*; *Schering AG.***279 Stenbolone Acetate**

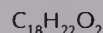
1242-56-4 8962

17 β -Hydroxy-2-methyl-5 α -andro-1-en-3-one acetate.

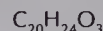
Anatrofin. An anabolic agent. The acetate is used as an

anabolic. mp = 155-158°; [α_D = 32° (CHCl₃), [α_D^{26} = 60°(CHCl₃); λ_m = 241 nm (log ϵ 4.03). *Syntex International*,† *Ltd.*; *Schering AG.***280 Trenbolone**

10161-33-8 9716

17 β -Hydroxyestra-4,9,11-trien-3-one.An anabolic agent. mp = 186°, 183-186°; [α_D^{20} = 19° (c =0.45 EtOH); λ_m = 239, 340.5 nm (ϵ = 5260, 28000).*Roussel-UCLAF.***281 Trenbolone Acetate**

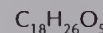
10161-34-9 9716 233-432-5

17 β -Hydroxyestra-4,9,11-trien-3-one acetate.Finaplix; RU-1697. An anabolic agent. mp = 96-97°; [α_D^{20} = 36.8° (c = 0.37 MeOH). *Roussel-UCLAF.***282 Trenbolone Cyclohexylmethyl Carbonate**

23454-33-3 9716 245-669-1

17 β -17-[(Cyclohexylmethoxy)carbonyl]oxyestra-4,9,11-trien-3-one.Parabolan. An anabolic agent. mp = 90-95°; [α_D^{20} = 41.6°(c = 0.5 EtOH). *Roussel-UCLAF.***283 Zeranol**

26538-44-3 247-769-0



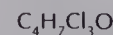
(3S,7X)-3,4,5,6,7,8,9,10,11,12-Decahydro-7,14,16-

trihydroxy-3-methyl-1H-2-benzoxacyclotetradecin-1-one.

Ralabol; Ralagro; THFES(HM); P-1496; MK-188. An

anabolic agent. *Pitman-Moore, Inc.***Analgesics, Dental****284 Chlorbutanol**

57-15-8 2180 200-317-6



1,1,1-Trichloro-2-methyl-2-propanol.

trichlorobutanol; β , β , β -Trichloro-tert-butyl alcohol;

acetone chloroform; chlorbutol; Chloretone; Coliquifilm;

Methaform; Sedaform. Analgesic, dental. Federally

controlled substance. CAUTION: may be habit forming.

[anhydrous]: mp = 97°; [hemihydrate]: mp = 78°; bp₇₆₀ =167°; bp₂₄₆ = 135°; soluble in hot H₂O, alcohol, glycerol,CHCl₃, Et₂O, Me₂CO, petroleum ether, glacial aceticacid, oils; MLD (rbt orl) = 213 mg/kg. *Dynamit Nobel AG.***285 Clove**

84961-50-2 2479 284-638-7

15-18% eugenol, caryophyllin, tannin, gum, resin

Dried flower buds of *Eugenia caryophyllata* Thunb. (*Caryophyllus aromaticus* L.), Myrtaceae.

caryophyllus. Analgesic, dental. Pharmaceutic aid (flavor); used in manufacture of oil of clove, eugenol; used in baking, confections.

286 Eugenol

97-53-0 3944 202-589-1
 $C_{10}H_{12}O_2$
 4-Allyl-2-methoxyphenol.
 2-Methoxy-4-(2-propenyl)phenyl; allylguaiacol; eugenic acid; caryophyllic acid. Analgesic, dental. Liquid; bp = 255°; mp $\cong$ -9°; d_4^{20} = 1.0664; n_D^{20} = 1.5410; nearly insoluble in H_2O ; miscible with alcohol, $CHCl_3$, Et_2O , oils; LD₅₀ (rat orl) = 2680 mg/kg.

287 Oil of Clove

8000-34-8 6893
 82-87% eugenol, acetyleugenol, caryophyllene, furfural, vanillin, methyl amyl ketone
 Volatile oil from dried flower buds of *Eugenia caryophyllata* Thunb. (*Caryophyllus aromaticus* L.), Myrtaceae.
 Local anesthetic, dental; counterirritant; carminative. Used in confectionery, toothpowders, microscopy. Liquid; bp = 250°; d_4^{25} = 1.038-1.060; α_D^{25} = -1°10'; n_D^{20} = 1.530; insoluble in H_2O ; soluble in alcohol, Et_2O , glacial acetic acid.

Analgesics, Narcotic

288 Adanon Hydrochloride

76-99-3 6008 200-996-9
 Methadone Hydrochloride.
 Analgesic, narcotic. Federally controlled substance (opiate). See methadone hydrochloride. *Sterling Winthrop, Inc.*

289 Alfentanil

71195-58-9 236 71195-58-9
 $C_{21}H_{32}N_6O_3$
 N-[1-[2-(4-Ethyl-5-oxo-2-tetrazolin-1-yl)ethyl]-4-(methoxymethyl)-4-piperidyl]propionanilide.
 Analgesic, narcotic. Tetrazole derivative of fentanyl; a federally controlled substance (opiate). *Janssen Pharmaceutical Inc.*

290 Alfentanil Hydrochloride

70879-28-6 236 70879-28-6
 $C_{21}H_{35}ClN_6O_5$
 N-[1-[2-(4-Ethyl-5-oxo-2-tetrazolin-1-yl)ethyl]-4-(methoxymethyl)-4-piperidyl]propionanilide monohydrochloride monohydrate.
 R-39209; Alfenta; Limifen; Rapifen. Analgesic, narcotic. Tetrazole derivative of fentanyl; a federally controlled substance (opiate). mp = 140.8°; soluble in H_2O ; LD₅₀ (rat iv) = 47.5 mg/kg, (dog iv) = 20 mg/kg. *Janssen Pharmaceutical Inc.*

291 Alfentanil Hydrochloride [anhydrous]

69049-06-5 236 273-846-3
 $C_{21}H_{33}ClN_6O_3$
 N-[1-[2-(4-Ethyl-5-oxo-2-tetrazolin-1-yl)ethyl]-4-(methoxymethyl)-4-piperidyl]propionanilide monohydrochloride.

Analgesic, narcotic. Tetrazole derivative of fentanyl; a federally controlled substance (opiate). *Janssen Pharmaceutical Inc.*

292 Alletorphine

23758-80-7
 $C_{27}H_{35}NO_4$
 17-Allyl-17-demethyl-7 α -((R)-1-hydroxy-1-methylbutyl)-6,14-endo-ethenotetrahydrooripavine.
 R&S-218-M. Analgesic, narcotic. A semisynthetic morphine analgesic.

293 Allylprodine

25384-17-2 304
 $C_{18}H_{25}NO_2$
 1-Methyl-4-phenyl-3-(2-propenyl)-4-piperidinol propanoate.
 3-allyl-1-methyl-4-phenyl-4-propionyloxypiperidine; NIH-7440; Ro-2-7113; Alperidine. Analgesic, narcotic. Federally controlled substance (opiate).

294 Alphameprodine

468-51-9 207-409-5
 $C_{17}H_{25}NO_2$
 cis-3-Ethyl-1-methyl-4-phenyl-4-propionyloxypiperidine.
 Analgesic, narcotic.

295 Alphaprodine

14405-05-1 317 201-011-5
 $C_{16}H_{23}NO_2$
 1,3-Dimethyl-4-phenyl-4-piperidinol propanoate.
 α -prodine. Analgesic, narcotic. Federally controlled substance (opiate). *Hoffmann-LaRoche Inc.*

296 Alphaprodine dl-Form Hydrochloride

561-78-4 317
 $C_{16}H_{24}ClNO_2$
 1,3-Dimethyl-4-phenyl-4-piperidinol propanoate monohydrochloride.
 Nu-1196; Nisentil; Nisintel; Prisilidene. Analgesic, narcotic. Federally controlled substance (opiate). *Hoffmann-LaRoche Inc.*

297 Anileridine

144-14-9 695 144-14-9
 $C_{22}H_{28}N_2O_2$
 1-[2-(4-Aminophenyl)ethyl]-4-phenyl-4-piperidinecarboxylic acid ethyl ester.
 Alidine; Apidol; Leritine; Nipecotan. Analgesic, narcotic. Federally controlled substance (opiate). mp = 83°. *Merck & Co., Inc.*

298 Anileridine Dihydrochloride

126-12-5 695 204-770-0
 $C_{22}H_{30}Cl_2N_2O_2$
 1-[2-(4-Aminophenyl)ethyl]-4-phenyl-4-piperidinecarboxylic acid ethyl ester dihydrochloride.
 N- β -(p-aminophenyl)ethylnormeperidine. Analgesic, narcotic. Dihydrochloride of anileridine. Federally controlled substance. mp = 280-287° (dec); freely soluble in H_2O , MeOH; soluble in EtOH (8 mg/ml); λ_m = 235, 289 nm ($A_{1\text{ cm}}^{1\%}$ 293, 34.5 90% MeOH); pH of aqueous solution = 2.0-2.5. *Merck & Co., Inc.*

299 Anpirtoline

98330-05-3

 $C_{10}H_{13}ClN_2S$

4-[(6-Chloro-2-pyridyl)thio]piperidine.

Narcotic analgesic. *Carter-Wallace*.**300 Asimadoline**

153205-46-0

 $C_{27}H_{30}N_2O_2$ N-[(α S)- α [(3S)-3-hydroxy-1-pyrrolidinyl)methyl]benzyl]-

N-methyl-2,2-diphenylacetamide.

A non-narcotic analgesic.

301 Benzylmorphine

14297-87-1

1176

238-230-0

 $C_{24}H_{25}NO_3$

7,8-Didehydro-4,5-epoxy-17-methyl-3-(phenylmethoxy)morphinan-6-ol.

Analgesic, narcotic. Federally controlled substance

(opiate). mp = 132°; slightly soluble in H_2O ; freelysoluble in 50% alc, C_6H_6 . *Merck & Co., Inc.***302 Betameprodine**

468-50-8

207-407-4

 $C_{17}H_{25}NO_2$ β -3-Ethyl-1-methyl-4-phenyl-4-propionyloxypiperidine.

trans-3-Ethyl-1-methyl-4-phenyl-4-piperidinol propanoate

(ester); Nu-1932. Analgesic, narcotic.

303 Betaprodine

468-59-7

317

207-411-6

 $C_{16}H_{24}ClNO_2$ β -1,3-Dimethyl-4-phenyl-4-piperidinol propanoate.Nu-1779. Analgesic, narcotic. Federally controlled substance (opiate). *Hoffmann-LaRoche Inc.***304 Bezitramide**

15301-48-1

1241

239-335-4

 $C_{31}H_{32}N_4O_2$

1-(3-Cyano-3,3-diphenylpropyl)-4-(2-oxo-3-propionyl-1-benzimidazolyl)piperidine.

1-[1-(3-cyano-3,3-diphenylpropyl)-4-piperidinyl]-1,3-dihydro-3-(1-oxopropyl)-2H-benzimidazol-2-one; R-

4845; bezitramide; Burgodin. Analgesic, narcotic.

Federally controlled substance (opiate). mp = 145-149°;

soluble (> 1 g/100 ml) in EtOAc, Me_2CO , C_6H_6 , $CHCl_3$;almost insoluble in H_2O , dilute acids; LD_{50} (mus orl) =2101 mg/kg, (rat orl) = 141 mg/kg. *Janssen**Pharmaceutical Inc.***305 Bremazocine**

71990-00-6

 $C_{20}H_{29}O_2$

6-ethyl-1,2,3,4,5,6-hexahydro-3-[(1-hydroxycyclopropyl)methyl]-11,11-dimethyl-2,6-

methano-3-benzazocin-8-ol.

A narcotic analgesic.

306 Brifentanil

101345-71-5

 $C_{20}H_{29}FN_6O_3$

(±)-cis-N-[1-[2-(4-Ethyl-5-oxo-2-tetrazolin-1-yl)ethyl]-3-methyl-4-piperidyl]-2'-fluoro-2-methoxyacetanilide.

Analgesic, narcotic. *Anaquest*.**307 Brifentanil Hydrochloride**

117268-95-8

 $C_{20}H_{30}ClFN_6O_3$

(±)-cis-N-[1-[2-(4-Ethyl-5-oxo-2-tetrazolin-1-yl)ethyl]-3-methyl-4-piperidyl]-2'-fluoro-2-methoxyacetanilide monohydrochloride.

A3331. Analgesic, narcotic. *Anaquest*.**308 Buprenorphine**

52485-79-7

1522

257-950-6

 $C_{29}H_{41}NO_4$ [5 α ,7 α (S)]-17-(Cyclopropylmethyl)- α -(1,1-dimethylethyl)-4,5-epoxy-18,19-dihydro-3-hydroxy-6-methoxy- α -methyl-6,14-ethenomorphinan-7-methanol.

RX-6029-M. Analgesic, narcotic. An analgesic that

demonstrates narcotic agonist-antagonist properties.

Federally controlled substance (narcotic). mp = 209°.

*Norwich Eaton; Lederle Labs.***309 Buprenorphine Hydrochloride**

53152-21-9

1522

 $C_{29}H_{42}ClNO_4$ [5 α ,7 α (S)]-17-(Cyclopropylmethyl)- α -(1,1-dimethylethyl)-4,5-epoxy-18,19-dihydro-3-hydroxy-6-methoxy- α -

methyl-6,14-ethenomorphinan-7-methanol

hydrochloride.

CL-112302; NIH-8805; UM-952; Buprenex; Lepetan;

Temgesic. Analgesic, narcotic. Federally controlled

substance (narcotic). *Norwich Eaton; Lederle Labs.***310 Butorphanol**

42408-82-2

1565

255-808-8

 $C_{21}H_{29}NO_2$

(-)-17-(Cyclobutylmethyl)morphinan-3,14-diol.

levo-BC-2627. Analgesic, narcotic; antitussive

(veterinary). Mixed opioid agonist-antagonist. mp = 215-

217°; [α]_D = -70.0° (c = 0.1 in MeOH). *Bristol-Myers**Nutritional Group.***311 Butorphanol Tartrate**

58786-99-5

1565

 $C_{27}H_{35}NO_8$

(-)-17-(Cyclobutylmethyl)morphinan-3,14-diol

D-(-)-tartrate (1:1).

levo-BC-2627 tartrate; Stadol; Torate; Torbugesic;

Torutrol (veterinary). Analgesic, narcotic; antitussive

(veterinary). Mixed opioid agonist-antagonist. mp = 217-

219°; [α]_D²² = -64.0° (c = 0.4 in MeOH); LD_{50} (mus iv) =40-57 mg/kg, (mus orl) = 395-527 mg/kg. *Bristol-Myers**Nutritional Group.***312 Carfentanil**

59708-52-0

 $C_{24}H_{30}N_2O_3$

Methyl 1-phenethyl-4-(N-phenylpropionamido)-isonipecotate.

Analgesic, narcotic. *Janssen Pharmaceutical, Ltd.***313 Carfentanil Citrate**

61380-27-6

 $C_{30}H_{38}N_2O_{10}$

Methyl 1-phenethyl-4-(N-phenylpropionamido)-isonipecotate citrate (1:1).

R-33799. Analgesic, narcotic. *Janssen Pharmaceutical, Ltd.*

314 Clonitazene

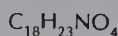
3861-76-5 2451



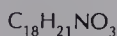
2-(p-Chlorobenzyl)-1-(2-diethylaminoethyl)-5-nitrobenzimidazole.

Analgesic, narcotic. Federally controlled substance (opiate). mp = 75-76°. *Ciba plc.***315 Codeine**

6059-47-8 2525

7,8-Didehydro-4,5 α -epoxy-3-methoxy-17-methyl morphinan-6 α -ol monohydrate.Analgesic, narcotic; antitussive. Federally controlled substance (opiate). mp = 154-156°; $d_4^{20} = 1.32$; $[\alpha]_D^{15} = -136^\circ$ (c = 2, EtOH); pK = 6.05; soluble in H₂O (0.8 g/100 ml); more soluble in organic solvents.**316 Codeine [anhydrous]**

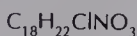
76-57-3 2525 200-969-1

7,8-Didehydro-4,5 α -epoxy-3-methoxy-17-methyl morphinan-6 α -ol.

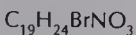
Methylmorphine; morphine monomethyl ether; morphine 3-methyl ether; Codiccept. Analgesic, narcotic; antitussive. Federally controlled substance (opiate).

317 Codeine Hydrochloride

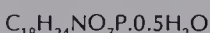
1422-07-7 2525 215-829-5

7,8-Dehydro-4,5 α -epoxy-3-methoxy-17-methyl morphinan-6 α -ol monohydrochloride.Analgesic, narcotic; antitussive. Federally controlled substance (opiate). mp = 280° (dec); $[\alpha]_D^{22} = -108^\circ$; soluble in H₂O (5 g/100 ml), less soluble in organic solvents; LD₅₀ (mus sc) = 300 mg/kg.**318 Codeine Methyl Bromide**

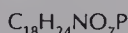
125-27-9 2526

7,8-Didehydro-4,5 α -epoxy-3-methoxy-17-methyl morphinan-6 α -ol methyl bromide.Eucodin. Analgesic, narcotic; antitussive. Federally controlled substance (opiate). CAUTION: May be habit forming. mp $\cong$ 260°; soluble in H₂O, hot MeOH; sparingly soluble in alcohol; insoluble in CHCl₃, Et₂O.**319 Codeine Phosphate**

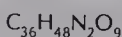
41444-62-6 2528

7,8-Dehydro-4,5 α -epoxy-3-methoxy-17-methyl morphinan-6 α -ol phosphate (1:1) (salt) hemihydrate.Colrex Compound; Ambenyl Cough Syrup; component of: Actifed with Codeine Cough Syrup, ASA and Codeine Compound, Codis, Empracet Codeine Phosphate, Empirin with Codeine Tablets, Isoclor Expectorant C, Naldecon-CX, Nucofed, Percogesic with Codeine, Tussar-2, Tussar-SF, Tussi-Organidin, Tylenol. Analgesic, narcotic; antitussive. Federally controlled substance (opiate). Soluble in H₂O; slightly soluble in alcohol. *Apothecon; Roberts Pharmaceutical Corp.; Eli Lilly & Co.; Elkins-Sinn; Fisons plc, Pharmaceuticals Div.; Glaxo Wellcome Inc.; Lemmon Co.; McNeil Pharmaceutical; Parke-Davis; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Solvay Pharmaceuticals; Wallace Labs.; Wyeth-Ayerst**Labs.***320 Codeine Phosphate [anhydrous]**

52-28-8 2528 200-137-8

7,8-Dehydro-4,5 α -epoxy-3-methoxy-17-methyl morphinan-6 α -ol phosphate (1:1) (salt).Galcodine. Analgesic, narcotic; antitussive. Federally controlled substance (opiate). *Elkins-Sinn; Parke-Davis; Solvay Pharmaceuticals; Wyeth-Ayerst Labs.***321 Codeine Sulfate**

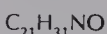
6854-40-6 2529

7,8-Dehydro-4,5 α -epoxy-3-methoxy-17-methyl morphinan-6 α -ol sulfate (2:1) (salt) trihydrate.component of: Copavin. Analgesic, narcotic; antitussive. Federally controlled substance (opiate). Soluble in H₂O (3.3 g/100 ml); less soluble in organic solvents; pH = 5.0; protect from light. *Wyeth-Ayerst Labs.***322 Codeine Sulfate [anhydrous]**

1420-53-7 2529 215-818-5

7,8-Dehydro-4,5 α -epoxy-3-methoxy-17-methyl morphinan-6 α -ol sulfate (2:1) (salt).Analgesic, narcotic; antitussive. Federally controlled substance (opiate). *Wyeth-Ayerst Labs.***323 Cogazocine**

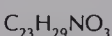
57653-29-9



3-(Cyclobutylmethyl)-6-ethyl-1,2,3,4,5,6-hexahydro-11,11-dimethyl-2,6-methano-3-benzazocin-8-ol. Narcotic analgesic.

324 Conorphone

72060-05-0

17-(Cyclopropylmethyl)-4,5 α -epoxy-8 β -ethyl-3-methoxymorphinan-6-one.

Codorphone. Analgesic, narcotic.

325 Conorphone Hydrochloride

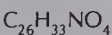
70865-14-4

17-(Cyclopropylmethyl)-4,5 α -epoxy-8 β -ethyl-3-methoxymorphinan-6-one hydrochloride.

TR-5109. Analgesic, narcotic.

326 Cyprenorphine

4406-22-8 2838

6,7,8,14-N-(Cyclopropylmethyl)tetrahydro-7 α -(1-hydroxy-1-methylethyl)-6,14-endo-ethenonorpavine.Analgesic; etorphine antagonist (veterinary). Narcotic antagonist closely related to diprenorphine. Federally controlled substance (opium derivative). mp = 234° (7 α - or 7 β -linkage unspecified). *Reckitt & Colman.***327 Cyprenorphine Hydrochloride**

16550-22-4 2838

6,7,8,14-N-(Cyclopropylmethyl)tetrahydro-7 α -(1-hydroxy-1-methylethyl)-6,14-endo-ethenonorpavine

hydrochloride.

M-285. Analgesic; etorphine antagonist (veterinary). Narcotic antagonist closely related to diprenorphine. Federally controlled substance (opium derivative). mp = 248°. *Reckitt & Colman*.

328 Desomorphine

427-00-9 2972 207-045-7
 $C_{17}H_{21}NO_2$
 4,5-Epoxy-3-hydroxy-N-methylmorphinan.
 dihydroepoxymorphine. Analgesic, narcotic. Federally controlled substance (opium derivative). mp = 189°; sublimes in high vacuum $\cong$ 140-170°; $[\alpha]_D^{28} = -77^\circ$ (c = 1.6 in MeOH); soluble in Me_2CO , EtOAc. *Hoffmann-LaRoche Inc.*

329 Dextromoramide

357-56-2 2997 206-613-1
 $C_{25}H_{32}N_2O_2$
 (+)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)butyl]morphine.
 pyrrolphium; R-875; SKF-5137; d-Moramid(e); Palfium; Palphium; Jetrium; Dimorlin. Analgesic, narcotic. mp = 180-184°; $[\alpha]_D^{20} = 25.5^\circ$ (c = 5 C_6H_6); $\lambda_m = 254, 260, 264$ nm (0.01N iPrOH-HCl); soluble in 0.1N HCl, organic solvents. *Janssen Pharmaceutical Inc.*

330 Dextromoramide Tartrate

2922-44-3 2997 220-870-7
 $C_{29}H_{38}N_2O_8$
 (+)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)butyl]morphine bitartrate.
 Dimorlin Tartrate. Analgesic, narcotic. Dec 189-192°; solubility (w/v) at 25°: in H_2O 20%, $CHCl_3$ 30%, MeOH 40%, EtOH 100%, Me_2CO 100%. *Janssen Pharmaceutical Inc.; SmithKline Beecham Pharmaceuticals*.

331 Dextrorphan

125-73-5 5496 204-754-3
 $C_{17}H_{23}NO$
 (+)-cis-1,3,4,9,10,10a-Hexahydro-11-methyl-2H-10,4a-iminoethanophenanthren-6-ol.
 d-form of levorphanol; Ro-1-6794. Analgesic, narcotic. Federally controlled substance (opiate). See levorphanol. mp = 198-199°; $[\alpha]_D^{20} = +34.6^\circ$ (c = 3 in H_2O); soluble in H_2O . *Hoffmann-LaRoche Inc.*

332 Dextrorphan Hydrochloride

69376-27-8 5496
 17-Methyl-9 α ,13 α ,14 α -morphinan-3-ol hydrochloride.
 Ro-1-6794/706. Analgesic, narcotic. Federally controlled substance (opiate). *Hoffmann-LaRoche Inc.*

333 Dezocine

53648-55-8 2998
 $C_{16}H_{23}NO$
 (-)-13 β -Amino-5,6,7,8,9,10,11 α ,12-octahydro-5 α -methyl-5,11-methanobenzocyclodecen-3-ol.
 WY-16255, Dalgan. Analgesic, narcotic. Synthetic opiate agonist-antagonist. *American Home Products*.

334 Diacetylmorphine

561-27-3 3012 209-217-7
 $C_{21}H_{23}NO_5$

(5 α ,6 α)-7,8-Didehydro-4,5-epoxy-17-methylmorphinan-3,6-diol diacetate (ester).

† heroin; diamorphine; acetomorphine; China white. Narcotic analgesic prepared from morphine and acetyl chloride. Federally controlled substance (opium derivative). CAUTION: May be habit forming. mp = 173°; bp₁₂ = 272-274°; $[\alpha]_D^{25} = -166^\circ$ (c = 1.49 in MeOH); soluble in $CHCl_3$ (66 g/100 ml), alc (3 g/100 ml), Et_2O (1 g/100 ml), H_2O (0.1 g/100 ml); slightly soluble in ammonia, sodium carbonate solution; LD₅₀ (mus iv) = 59 μ mol/kg.

335 Diacetylmorphine Hydrochloride

1502-95-0 3012 216-124-5
 $C_{21}H_{26}ClNO_6$
 (5 α ,6 α)-7,8-Didehydro-4,5-epoxy-17-methylmorphinan-3,6-diol diacetate (ester) hydrochloride monohydrate.
 Narcotic analgesic prepared from morphine and acetyl chloride. Federally controlled substance (opium derivative). CAUTION: May be habit forming. mp = 243-244°; $[\alpha]_D^{25} = -156^\circ$ (c = 1.044); soluble in 2 parts H_2O , 11 parts alcohol; insoluble in Et_2O .

336 Diacetylnalorphine

2748-74-5
 $C_{23}H_{27}NO_5$
 (-)-(5R,6S)-9 α -allyl-4,5-epoxymorphin-7-en-3,6-diyl diacetate.
 Narcotic analgesic.

337 Diampromide

552-25-0 3032
 $C_{21}H_{28}N_2O$
 N-[2-(Methylphenethylamino)propyl]propionanilide.
 Analgesic, narcotic. Federally controlled substance (opiate). Liquid; bp_{0.5} = 174-175°; $N_D^{26} = 1.546$. *American Cyanamid*.

338 Diethylthiambutene

86-14-6 9429
 $C_{16}H_{21}NS_2$
 3-Diethylamino-1,1-di-(2'-thienyl)-1-butene.
 thiambutene; 191C49; NIH-4185. Analgesic, narcotic. Federally controlled substance (opiate). bp_{0.03} = 122-128°; LD₅₀ (mus ip) = 90 mg/kg. *Burroughs Wellcome*.

339 Diethylthiambutene Hydrochloride

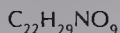
9429
 $C_{16}H_{22}ClNS_2$
 3-Diethylamino-1,1-di-(2'-thienyl)-1-butene hydrochloride.
 Themalon. Analgesic, narcotic. Federally controlled substance (opiate). mp = 152-153°. *Burroughs Wellcome*.

340 Dihydrocodeine

125-28-0 3214
 $C_{18}H_{23}NO_3$
 4,5 α -Epoxy-3-methoxy-17-methylmorphinan-6 α -ol.
 dihydroncodeine; drocode; Codhydrine; Dehacodin; DF-118; DH-codeine; Didrate; Dihydrin; Hydrocodin; Nadeine; Novcodin; Paracodin; Parzone; Rapacodin. Analgesic, narcotic; antitussive. Federally controlled substance (opiate). mp = 112-113°; bp₁₅ = 248°.

341 Dihydrocodeine Bitartrate

143-71-5 3214

4,5 α -Epoxy-3-methoxy-17-methylmorphinan-6 α -ol (+)-tartrate (salt).

Fortuss; DHC; Dico; component of: Synalgos-DC. Analgesic, narcotic; antitussive. Federally controlled substance (opiate). See hydrocodone bitartrate [anhydrous] Anhydrous crystals from MeOH (66.8% dihydrocodeine) mp = 192-193°; medicinal grade mp = 186-190°; $[\alpha]_D^{25} \cong -73^\circ$ (c = 1 in H₂O); soluble in H₂O (1 g/4.5 ml); sparingly soluble in alc; insoluble in Et₂O.

342 Dihydrocodeinone Enol Acetate

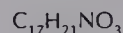
466-90-0 3215 207-377-2

Thebacon.

Analgesic, narcotic; antitussive. Federally controlled substance (opiate). See thebacon.

343 Dihydromorphine

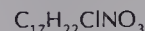
509-60-4 3220 208-100-8

(5 α ,6 α)-4,5-epoxy-17-methylmorphinan-3,6-diol.

7,8-dihydromorphine. Analgesic, narcotic. Federally controlled substance (opiate). CAUTION: may be habit forming. Monohydrate: mp = 157°; Insoluble in H₂O; soluble in Me₂CO, alc, CHCl₃, dilute acids.

344 Dihydromorphine Hydrochloride

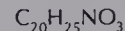
3220

(5 α ,6 α)-4,5-epoxy-17-methylmorphinan-3,6-diol hydrochloride.

paramorphan; paramorfan. Analgesic, narcotic. Federally controlled substance (opiate). CAUTION: may be habit forming. mp > 280°; $[\alpha]_D^{25} = -112^\circ$ (c = 1.6); soluble in H₂O; sparingly soluble in absolute alc.

345 Dimenoxadol

509-78-4 3253

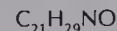


2-Dimethylaminoethyl 1-ethoxy-1,1-diphenylacetate.

Lokarin. Analgesic, narcotic. Federally controlled substance (opiate).

346 Dimepheptanol

545-90-4 3254

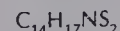


6-Dimethylamino-4,4-diphenyl-3-heptanol.

NIH-2933; bimethadol; Methadol; Pangerin. Analgesic, narcotic. Federally controlled substance (opiate). [β -dl-form]: mp = 127-128°; [β -d-form]: mp = 106-107°; $[\alpha]_D^{20} = +178^\circ$ (c = .063 in alcohol); [β -l-form]: mp = 105-107°; $[\alpha]_D^{20} = -178^\circ$ (c = 1.04 in alcohol). *Bristol Labs.; Merck & Co., Inc.*

347 Dimethylthiambutene

524-84-5 3309

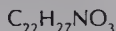


3-Dimethylamino-1,1-di-(2'-thienyl)-1-butene.

338C48; NIH-4542; Ohton; Aminobutene; Dimethibutin; Kobaton; Takaton. Analgesic, narcotic. Federally controlled substance (opiate). Oil; bp_{0.05} = 157-158°; soluble in CHCl₃, Et₂O; LD₅₀ (mus sc) = 1.21 mg/10 kg;

(dog iv) = 20.3 mg/10 kg. *Burroughs Wellcome.***348 Dioxaphetyl Butyrate**

467-86-7 3354 207-402-7

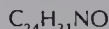


Ethyl 4-morpholino-2,2-diphenylbutyrate.

Amidalgon; Spasmoal(e). Analgesic, narcotic; antispasmodic. Federally controlled substance (opiate). *Winthrop.*

349 Dipipanone

467-83-4 3398 207-399-2



4,4-Diphenyl-6-piperidino-3-heptanone.

378C48; Hoechst 10805; Piperidyl Amidone; Pamedon(e); Fenpidon; Pipadone. Analgesic, narcotic. Federally controlled substance (opiate). *Burroughs Wellcome.*

350 Dipipanone Hydrochloride

856-87-1 3398 278-307-6

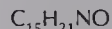


4,4-Diphenyl-6-piperidino-3-heptanone hydrochloride.

Analgesic, narcotic. Federally controlled substance (opiate). mp = 123-126° [also reported as 126-127°]. *Burroughs Wellcome.*

351 Eptazocine

72522-13-5 3673

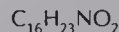


(-)-(1S,6S)-2,3,4,5,6,7-Hexahydro-1,4-dimethyl-1,6-methano-1H-4-benzazonin-10-ol.

ST-2121; Sedapain. Analgesic, narcotic. Opioid agonist-antagonist analgesic, related to pentazocine.

352 Ethoheptazine

77-15-6 3789 201-007-3

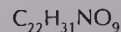


Ethyl hexahydro-1-methyl-4-phenyl-1H-azepine-4-carboxylic acid.

ethyl heptazine. Analgesic. Liquid; bp₁ = 133-134°; d₄²⁶ = 1.038; n_D²⁶ = 1.5210. *American Home Products.*

353 Ethoheptazine Citrate

2085-42-9 3789

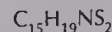


Ethyl hexahydro-1-methyl-4-phenyl-1H-azepine-4-carboxylic acid citrate (1:1).

Zactone. Analgesic. *American Home Products.*

354 Ethylmethylthiambutene

441-61-2 3875 207-128-8

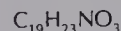


3-Ethylmethylamino-1,1-di-(2'-thienyl)-1-butene.

ethylmethiambutene; 1C50; NIH-5145; Emethibutin. Analgesic, narcotic. Federally controlled substance (opiate). bp_{0.01} = 110-113°; bp₁₈ = 75-76°. *Burroughs Wellcome.*

355 Ethylmorphine

125-30-4 3876 200-970-7



7,8-Didehydro-4,5-epoxy-3-ethoxy-17-methylmorphinan-6-ol.

Analgesic, narcotic; antitussive. Federally controlled

substance (opiate). mp = 199-201°.

356 Ethylmorphine Hydrochloride

76-58-4 3876 204-734-4

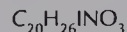


7,8-Didehydro-4,5-epoxy-3-ethoxy-17-methylmorphinan-6-ol hydrochloride dihydrate.

Codethyline; Dionin. Analgesic, narcotic; antitussive. Federally controlled substance (opiate). mp $\cong$ 123°; soluble in H_2O (10 g/100 ml), alc (4 g/100 ml); slightly soluble in CHCl_3 , Et_2O ; LD_{50} (mus sc) = 264.6 mg/kg; (mus orl) = 77.1 mg/kg; [anhydrous form]: mp $\cong$ 170°.

357 Ethylmorphine Methiodide

6696-59-9 3876

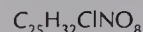


7,8-Didehydro-4,5-epoxy-3-ethoxy-17-methylmorphinan-6-ol methiodide.

ethyl-N-methylmorphinium iodide; Trachyl. Analgesic, narcotic; antitussive. Federally controlled substance (opiate).

358 Ethylnarceine Hydrochloride

12246-80-9 6508 235-480-2

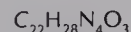


Ethyl-6-[[6-[(2-(dimethylamino)ethyl)-4-methoxy-1,3-benzodioxol-5-yl]acetyl]-2,3-dimethoxybenzoic acid hydrochloride.

Narcyl. Analgesic, narcotic; antitussive. See narceine. mp = 208-210°; soluble in H_2O , EtOH , CHCl_3 ; insoluble in Et_2O .

359 Etonitazene

911-65-9 3929 213-009-1

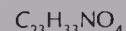


1-(2-Diethylaminoethyl)-2-(p-ethoxybenzyl)-5-nitrobenzimidazole.

Ba-20684; NIH-7607. Analgesic, narcotic. Binds selectively to mu-opioid receptors. Federally controlled substance (opiate). *Ciba plc*.

360 Etorphine

14521-96-1 3932 238-535-9

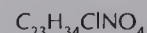


[5 α ,7 α (R)]-4,5-Epoxy-3-hydroxy-6-methoxy- α ,17-dimethyl- α -propyl-6,14-ethenomorphinan-7-methanol.

19-propylorvinol. Narcotic analgesic. Used to immobilize large animals (veterinary). Federally controlled substance (opiate derivative). CAUTION: very small quantities may cause respiratory paralysis and death. mp = 214-217°; mp [7 β isomer] = 280°. *Lemmon Co*.

361 Etorphine Hydrochloride

3932



[5 α ,7 α (R)]-4,5-Epoxy-3-hydroxy-6-methoxy- α ,17-dimethyl- α -propyl-6,14-ethenomorphinan-7-methanol hydrochloride.

M-99; component (with acepromazine) of Immobilon. Narcotic analgesic. Used to immobilize large animals (veterinary). Federally controlled substance (opiate derivative). CAUTION: very small quantities may cause respiratory paralysis and death. mp = 266-267°; [7 β isomer hydrochloride]: dec 290°. *Lemmon Co*.

362 Fentanyl

437-38-7 4043 207-113-6

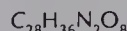


N-(1-Phenylethyl-4-piperidiny)propionanilide.

phentanyl; R-4263. Analgesic, narcotic; tranquilizer (veterinary). Federally controlled substance (opiate). mp = 83-84°. *Janssen Pharmaceutical, Belgium*.

363 Fentanyl Citrate

990-73-8 4043 213-588-0

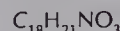


N-(1-Phenylethyl-4-piperidiny)propionanilide citrate (1:1).

Fentanest; Leptanol; Pentanyl; Sublimaze. Analgesic, narcotic; tranquilizer (veterinary). Federally controlled substance (opiate). mp = 149-151°; soluble in H_2O (1 g/40 ml), less soluble in organic solvents; LD_{50} (mus iv) = 11.2 mg/kg, (mus sc) = 62 mg/kg. *Janssen Pharmaceutical, Belgium*.

364 Hydrocodone

125-29-1 4826 204-733-9



4,5 α -Epoxy-3-methoxy-17-methylmorphinan-6-one.

dihydrocodeinone; Bekadid; Dicodid. Analgesic, narcotic; antitussive. Federally controlled substance (opiate). CAUTION: may be habit forming. mp = 198°; soluble in alcohol, dilute acids; insoluble in H_2O ; λ_m = 280 nm (ϵ 1310); LD_{50} (mus sc) = 85.7 mg/kg. *Merck & Co., Inc*.

365 Hydrocodone Bitartrate

34195-34-1 4826

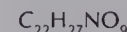


4,5 α -Epoxy-3-methoxy-17-methylmorphinan-6-one tartrate (1:1) hydrate (2:5).

Calmodid; Codinovo; Dicodid; Duodin; Hydrokon; Kolikodal; Orthoxycol; Mercodinone; Norgan; Synkonin; component of: Anexsia, Anodynos-DHC, Hycodan, Hycomine, Hycomine Compound, Hycomine Pediatric, Hycotuss, Hy-Phen, Kwelcof, PV Tussin Syrup, PV Tussin Tablet, Vicodin, Zydane. Analgesic, narcotic; antitussive. Federally controlled substance (opiate). CAUTION: may be habit forming. mp = 118-128°; soluble in H_2O (6/25 g/100 ml), 95% EtOH (0.67 g/100 g); nearly insoluble in Et_2O , CHCl_3 ; pH (2% aqueous solution) = 3.6. *Knoll Pharmaceutical Co.; Marion Merrell Dow Inc.; Merck & Co., Inc*.

366 Hydrocodone Bitartrate [anhydrous]

143-71-5 4826 205-608-1

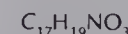


4,5 α -Epoxy-3-methoxy-17-methylmorphinan-6-one tartrate (1:1).

Fortuss; DHC; Dico; component of: Synalgos-DC. Analgesic, narcotic; antitussive. Federally controlled substance (opiate). CAUTION: may be habit forming. See dihydrocodeine bitartrate. *Merck & Co., Inc*.

367 Hydromorphone

466-99-9 4847 207-383-5



4,5 α -Epoxy-3-hydroxy-17-methylmorphinan-6-one.

dihydromorphinone; Dimorphone; Novolaudon. Analgesic, narcotic. Federally controlled substance

(opiate). CAUTION: may be habit forming. mp = 266-267°; $[\alpha]_D^{25} \cong -194^\circ$ (c = 0.98 in dioxane). *Mallinckrodt, Inc.*

368 Hydromorphone Hydrochloride

71-68-1 4847 200-762-6
 $C_{17}H_{20}ClNO_3$
 4,5 α -Epoxy-3-hydroxy-17-methylmorphinan-6-one hydrochloride.
 dihydromorphinone hydrochloride; Dilaudid; Laudicon; Hymorphan. Analgesic, narcotic. Federally controlled substance (opiate). CAUTION: may be habit forming. Dec 301-315°; $[\alpha]_D^{25} \cong -133^\circ$; soluble in 3 parts H_2O ; sparingly soluble in alcohol; LD₅₀ (mus iv) = 61-96 mg/kg. *Knoll Pharmaceutical Co.; Mallinckrodt, Inc.; Wyeth-Ayerst Labs.*

369 Hydroxypethidine

468-56-4 4883 207-410-0
 $C_{15}H_{21}NO_3$
 4-(m-Hydroxyphenyl)-1-methylpiperidine-4-carboxylic acid ethyl ester.
 Win-771; Hoechst 10446; demidone; oxipethidine; oxypetidin; emidone; Biphenal. Analgesic, narcotic. Federally controlled substance (opiate). mp = 110°. *Hoechst Marion Roussel Inc.; Sterling Winthrop, Inc.*

370 Isomethadone

466-40-0 5201
 $C_{21}H_{27}NO$
 6-Dimethylamino-5-methyl-4,4-diphenyl-3-hexanone.
 Win-1783; isoamidone; Isadanone; Liden (l-form). Analgesic, narcotic. Federally controlled substance (opiate). [dl-form]: bp₁₂ = 215°; [d-form]: oil; $[\alpha]_D^{25} = +20.8$; [l-form]: oily liquid; bp_{0.6} = 162-165°; $[\alpha]_D^{25} = -20^\circ$ (c = 1.5 in 95% EtOH). *Sterling Health U.S.A.*

371 Ketobemidone

469-79-4 5312 207-421-0
 $C_{15}H_{21}NO_2$
 4-(m-Hydroxyphenyl)-1-methyl-4-propionylpiperidine.
 Analgesic, narcotic. Federally controlled substance (opiate). mp = 156-157°. *Ciba plc; Sterling Winthrop, Inc.*

372 Ketobemidone Hydrochloride

5965-49-1 5312 227-749-8
 $C_{15}H_{22}ClNO_2$
 4-(m-Hydroxyphenyl)-1-methyl-4-propionylpiperidine hydrochloride.
 Hoechst-10720; Win-1539; Cliradon; Cymidon; Ketogan; Ketogin. Analgesic, narcotic. Federally controlled substance (opiate). mp = 201-202°; soluble in H_2O ; slightly soluble in alcohol. *Ciba plc; Sterling Winthrop, Inc.*

373 Ketorfanol

79798-39-3
 $C_{20}H_{25}NO_2$
 17-(Cyclopropylmethyl)-4-hydroxymorphinan-6-one.
 SBW-22. Analgesic.

374 Levomethadone

125-58-6
 $C_{21}H_{27}NO$
 (-)-(R)-6-(Dimethylamino)-4,4-diphenyl-3-heptanone.

Analgesic, narcotic.

375 Levomethadyl

1477-40-3 5492
 $C_{21}H_{27}N$
 (-)-6-(Dimethylamino)-4,4-diphenyl-3-heptanol.

376 Levomethadyl Acetate

34433-66-4 5492
 $C_{23}H_{31}NO_2$
 (-)-6-(Dimethylamino)-4,4-diphenyl-3-heptanol acetate (ester).
 levo- α -acetylmethadol; α -l-acetylmethadol; LAAM. Used in treatment of narcotic addiction. Longest acting enantiomer of methadyl acetate.

377 Levomethadyl Acetate Hydrochloride

43033-72-3 5492
 $C_{23}H_{32}ClNO_2$
 (-)-6-(Dimethylamino)-4,4-diphenyl-3-heptanol acetate (ester) hydrochloride.
 ORLAAM. Used in treatment of narcotic addiction. Longest acting enantiomer of methadyl acetate. mp = 215°; $[\alpha]_D^{25} = -60^\circ$ (c = 0.2); soluble in H_2O ; LD₅₀ (mus sc) = 110.0 mg/kg, (mus orl) = 172.8 mg/kg.

378 Levomoramide

5666-11-5 227-123-4
 $C_{25}H_{32}N_2O_2$
 (-)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)butyl]morpholine.
 Inactive isomer of moramide, a narcotic analgesic. Opiate.

379 Levorphanol

77-07-6 5496
 $C_{21}H_{29}NO_7$
 17-Methylmorphinan-3-ol.
 Ro-1-5431; levorphan; lemoran. Analgesic, narcotic. Orally active synthetic morphine analog. Federally controlled substance (opiate) mp = 198-199°; $[\alpha]_D^{20} = -56^\circ$ (c = 3 in absolute alcohol); [dl-form]: mp = 215-253°; [d-form]: mp = 198-199°; $[\alpha]_D^{20} = +56.3^\circ$ (c = 3 in absolute alcohol). *Hoffmann-LaRoche Inc.*

380 Levorphanol Tartrate [anhydrous]

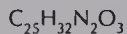
125-72-4 5496
 $C_{21}H_{29}NO_7$
 17-Methylmorphinan-3-ol tartrate (1:1) (salt).
 Analgesic, narcotic. Orally active synthetic morphine analog. Federally controlled substance (opiate). mp = 206-208°. *Hoffmann-LaRoche Inc.*

381 Levorphanol Tartrate Dihydrate

5985-38-6 5496
 $C_{21}H_{33}NO_9$
 17-Methylmorphinan-3-ol tartrate (1:1) (salt) dihydrate.
 Ro-1-5431/7; Ro-1-6794 (d-form); dextrorphan (d-form); racemorphan (dl-form); methorphan (dl-form); Dromoran; Levo-Dromoran. Analgesic, narcotic. Orally active synthetic morphine analog. Federally controlled substance (opiate). mp = 113-115°; $[\alpha]_D^{20} = -14^\circ$ (c = 3 in H_2O); pH (0.2% aqueous solution) = 3.4-4.0; soluble in H_2O (2 g/100 ml), alcohol, Et_2O . *Hoffmann-LaRoche Inc.*

382 Lofentanil

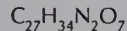
61380-40-3 5586



(-)-Methyl cis-3-methyl-1-phenethyl-4-(N-phenylpiperidino)isonipecotate.

Analgesic, narcotic. *Janssen Pharmaceutical, Belgium.***383 Lofentanil Oxalate**

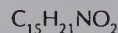
61380-41-4 5586 262-750-7



(-)-Methyl cis-3-methyl-1-phenethyl-4-(N-phenylpiperidino)isonipecotate oxalate (1:1).

R-34995. Analgesic, narcotic. mp = 177°. *Janssen Pharmaceutical, Belgium.***384 Meperidine**

57-42-1 5894 200-329-1



Ethyl 1-methyl-4-phenylisonipecotate.

isonipecaine; pethidine. Analgesic, narcotic. Federally controlled substance (opiate). *Astra Sweden; Marion Merrell Dow Inc.; Sterling Winthrop, Inc.***385 Meperidine Hydrochloride**

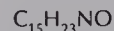
50-13-5 5894 200-013-3



Ethyl 1-methyl-4-phenylisonipecotate hydrochloride.

Algil; Alodan; Centralgin; Demerol hydrochloride; Dispadol; Dolantin; Dolestine; Dolosal; Mefedina. Analgesic, narcotic. Federally controlled substance (opiate). mp = 186-189°; soluble in H_2O , Me_2CO , $EtOAc$; slightly soluble in alcohol; insoluble in C_6H_6 , Et_2O ; LD_{50} (rat orl) = 170 mg/kg. *Astra Sweden; Marion Merrell Dow Inc.; Sterling Winthrop, Inc.***386 Meptazinol**

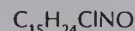
54340-58-8 5910 259-109-9



m-(3-Ethylhexahydro-1-methyl-1H-azepin-3-yl)-phenol.

Analgesic, narcotic. Mixed opioid agonist-antagonist. mp = 127-133°. *Wyeth Labs.***387 Meptazinol Hydrochloride**

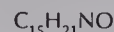
59263-76-2 5910



m-(3-Ethylhexahydro-1-methyl-1H-azepin-3-yl)-phenol hydrochloride.

WY-22811 HCl; IL-22811-HCl; Meptid. Analgesic, narcotic. Mixed opioid agonist-antagonist. *Wyeth Labs.***388 Metazocine**

3734-52-9 5995 223-097-3

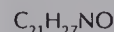


2'-Hydroxy-2,5,9-trimethyl-6,7-benzomorphan.

methobenzomorphan. Analgesic, narcotic. Federally controlled substance (opiate). mp = 232-235°.

389 Methadone

76-99-3 6008 200-996-9



6-(Dimethylamino)-4,4-diphenyl-3-heptanone.

Analgesic, narcotic. Federally controlled substance (opiate). {dl-form}: mp = 235°; soluble in H_2O (12 g/100 ml), alc (8 g/100 ml), isopropanol (2.4 g/100 ml); LD_{50} (rat orl) = 95 mg/kg; l-form: mp = 241°; $[\alpha]_D^{20} = -169^\circ$ (c = 2.5); LD_{50} (rat sc) = 44 mg/kg. *Abbott Labs.; Eli Lilly & Co.; Mallinckrodt, Inc.; Merck & Co., Inc.; Sterling Winthrop, Inc.***390 Methadone Hydrochloride**

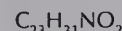
1095-90-5 6008 214-140-7



6-(Dimethylamino)-4,4-diphenyl-3-heptanone hydrochloride.

dl-form: AN-148; Hoechst-10820; Adanon; Algidon; Algolysin; Amidon; Butalgin; Depridol; Dolophine; Fenadone; Heptadon; Heptanon; Ketalgin; Mecodin; Mephenon; Methadose; Miadone; Moheptan; Phenadone; Tussol; Levadone; l-form: Levothyl; L-Polamidon. Analgesic, narcotic. Federally controlled substance (opiate). mp = 235°; uv max = 292 nm; $\lambda_m = 292$ nm; soluble in H_2O (12 g/100 ml), less soluble in organic solvents; LD_{50} (rat orl) = 95 mg/kg. *Abbott Labs.; Eli Lilly & Co.; Mallinckrodt, Inc.; Merck & Co., Inc.; Sterling Winthrop, Inc.***391 Methadyl Acetate**

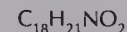
509-74-0 6009



6-(Dimethylamino)-4,4-diphenyl-3-heptanol acetate (ester).

acetylmethadol; acemethadone; amidolacetate; race-acetylmethadol; alphacetylmethadol (α -form); levomethadyl acetate (α -l-form); betacetylmethadol (β -l-form). Analgesic, narcotic. Congener of methadone. The α -dl-form is more active and less toxic than the β -dl-form. The α -l-form is less active but longer acting than the α -d-form. Federally controlled substance (opiate). See levomethadyl acetate. [α -form]: mp = 215°; $[\alpha]_D^{25} = +61.2^\circ$ (c = 0.2); soluble in H_2O ; LS_{50} (mus orl) = 130 mg/kg, (mus sc) = 72 mg/kg. *Bristol Labs.; Merck & Co., Inc.***392 Methyldesorphine**

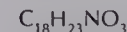
16008-36-9 240-139-6

6-Methyl- Δ^6 -deoxymorphine.

MK-57. Analgesic, narcotic.

393 Methyldihydromorphine

509-56-8

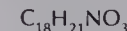


3,6-Dihydroxy-6,N-dimethyl-4,5-epoxymorphinan.

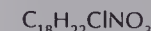
7,8-dihydro-6-methylmorphine. Analgesic, narcotic.

394 Metopon

143-52-2 6234

(5 α)-4,5-Epoxy-3-hydroxy-5,17-dimethylmorphinan-3-one.methyldihydromorphinone. Analgesic, narcotic. Federally controlled substance (opiate). Sinters at 235°; mp = 243-245°; $[\alpha]_D^{24} = -141^\circ$ (c = 1 in alc); slightly soluble in organic solvents.**395 Metopon Hydrochloride**

124-92-5 6234

(5 α)-4,5-Epoxy-3-hydroxy-5,17-dimethylmorphinan-3-one hydrochloride.

methyl dihydromorphinone hydrochloride. Analgesic, narcotic. Federally controlled substance (opiate). Dec 315-318°; $[\alpha]_D^{24} = -105^\circ$ ($c = 1$); freely soluble in H_2O ; sparingly soluble in alc; insoluble in C_6H_6 ; pH (1% aqueous solution) $\cong 5.0$.

396 Morpheridine

469-81-8

6357

 $C_{20}H_{30}N_2O_3$

1-(2-Morpholinoethyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester.

morpholinoethyl morphethidine. Narcotic analgesic.

Federally controlled substance (opiate). Liquid; $bp_{0.5} = 188-192^\circ$; $n_D^{18} = 1.5276$.**397 Morpheridine Dihydrochloride**

6357

 $C_{20}H_{32}Cl_2N_2O_3$

1-(2-Morpholinoethyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester dihydrochloride.

TA-1. Narcotic analgesic. Federally controlled substance (opiate). mp = 264-266° (dec); LD_{50} (mus iv) = 45 mg/kg, (mus ip) = 118 mg/kg.**398 Morphine**

57-27-2

6359

200-320-2

 $C_{16}H_{19}NO_3$ (5 α ,6 α)-Didehydro-4,5-epoxy-17-methylmorphinan-3,6-diol.

morphium; morphia; Dulcontin; Duromorph; Morphina; Nepenthe. Analgesic, narcotic. Principle alkaloid of opium, which contains 9-14% anhydrous morphine. Occurs naturally as the (-)-form. Also found in normal brain, blood and liver. Sometimes administered as the tartrate. Federally controlled substance (opiate). CAUTION: may be habit for Dec 254°; [monohydrate]: $d = 1.32$; $\lambda_m = 285$ nm (acid); $[\alpha]_D^{25} = -132^\circ$ (mEtOH); soluble in H_2O (20 mg/100 ml); soluble in organic solvents.

399 Morphine Hydrochloride

52-26-6

6360

200-136-2

 $C_{16}H_{20}ClNO_3$ (5 α ,6 α)-Didehydro-4,5-epoxy-17-methylmorphinan-3,6-diol hydrochloride.

Epimore. Analgesic, narcotic. Federally controlled substance (opiate). CAUTION: may be habit forming. mp = 200° (dec); $[\alpha]_D^{25} = -113.5^\circ$ ($c = 2.2$ H_2O); soluble in H_2O (57 mg/ml), EtOH; less soluble in organic solvents; LD_{50} (mus iv) = 226-318 mg/kg.

400 Morphine Sulfate

64-31-3

6361

200-582-8

 $C_{34}H_{40}N_2O_{10}S$ 7,8-Didehydro-4,5 α -epoxy-17-methylmorphinan-3,6 α -diol sulfate (2:1) (salt).

Kapanol; Moscontin; MS Contin; MST Continus; Oblioser; Oramorph; Relipain; Roxanol. Analgesic, narcotic. Federally controlled substance (opiate). CAUTION: may be habit forming. Abbott Labs.; Elkins-Sinn; Purdue Pharma L.P.; Wyeth-Ayerst Labs.

401 Morphine Sulfate Pentahydrate

6211-15-0

6361

 $C_{34}H_{50}N_2O_{15}S$ 7,8-Didehydro-4,5 α -epoxy-17-methylmorphinan-3,6 α -diol sulfate (2:1) (salt) pentahydrate.

MST 10 Mundipharma; MST 30 Mundipharma. Analgesic, narcotic. Federally controlled substance (opiate). CAUTION: may be habit forming. mp = 250° (dec); $[\alpha]_D^{25} = -109^\circ$ ($c = 4$ H_2O); soluble in H_2O (65 g/100 ml); less soluble in organic solvents.

402 Myrophine

467-18-5

6420

 $C_{38}H_{51}NO_4$

3-Benzoyloxy-N-methyl-6-myristoyloxy-4,5-epoxymorphin-7-en.

myristate; myrocodine; myrophinium; Leucodiniene; myricodine; Peronine. Analgesic, narcotic. Federally controlled substance (opiate derivative). mp = 41°.

403 Nalbuphine

20594-83-6

6444

243-901-6

 $C_{21}H_{27}NO_4$ 17-(Cyclobutylmethyl)-4,5 α -epoxymorphinan-3,6 α ,14-triol.

N-cyclobutylmethyl-14-hydroxydihydronormorphine.

Analgesic; narcotic. Mixed opioid agonist-antagonist. mp = 230.5°. Abbott Labs.; DuPont Merck Pharmaceutical Co.

404 Nalbuphine Hydrochloride

23277-43-2

6444

245-549-9

 $C_{21}H_{28}ClNO_4$ 17-(Cyclobutylmethyl)-4,5 α -epoxymorphinan-3,6 α ,14-triol.

EN-2234A; Nubain. Analgesic; narcotic. Mixed opioid agonist-antagonist. Abbott Labs.; DuPont Merck Pharmaceutical Co.

405 Nalmexone

17767-26-9

 $C_{21}H_{25}NO_4$ 4,5 α -Epoxy-3,14-dihydroxy-17-(3-methyl-2-butenyl)morphinan-6-one.

Analgesic; antagonist to narcotics.

406 Nalmexone Hydrochloride

16676-27-0

 $C_{21}H_{26}ClNO_4$ 4,5 α -Epoxy-3,14-dihydroxy-17-(3-methyl-2-butenyl)morphinan-6-one hydrochloride.

EN-1620A. Analgesic; antagonist to narcotics.

407 Narceine

131-28-2

6508

205-021-0

 $C_{23}H_{27}NO_3$

6-[[6-[2-(Dimethylamino)ethyl]-4-methoxy-1,3-benzodioxol-5-yl]acetyl]-2,3-dimethoxybenzoic acid.

Analgesic, narcotic; antitussive Occurs in opium (0.1-0.5%). mp = 138°; $\lambda_m = 270$ nm (log ϵ 398 EtOH); trihydrate: mp = 176°; soluble in H_2O (1.3 g/100 ml); insoluble in organic solvents.

408 Nicocodine

3688-66-2

222-990-5

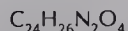
 $C_{24}H_{24}N_2O_4$

6-Nicotinoyl morphine.

Analgesic (narcotic).

409 Nicodicodine

808-24-2 212-365-5

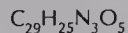


6-Nicotinoyl dihydrocodeine.

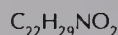
Analgesic (narcotic).

410 Nicomorphine

639-48-5 6607 211-357-9

(5 α ,6 α)-7,8-Didehydro-4,5-epoxy-17-methylmorphinan-3,6-diol di-3-pyridinecarboxylate (ester).morphine dinicotinate ester; morphine ester with nicitinic acid; morphine bis(nicotinate); morphine bis(pyridine-3-carboxylate); nicotinic acid morphine ester; morphine dinicotinate; Gewalan; Vilan. Analgesic, narcotic. Federally controlled substance (opiate derivative). mp = 178-178.5°; nearly insoluble in H₂O; soluble in EtOH.**411 Noracymethadol**

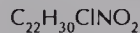
1477-39-0 6778 216-027-8



6-(Methylamino)-4,4-diphenyl-3-heptanol acetate (ester).

Analgesic, narcotic. Metabolite of methadyl acetate. Federally controlled substance (opiate). *Eli Lilly & Co.***412 Noracymethadol Hydrochloride**

5633-25-0 6778



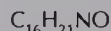
6-(Methylamino)-4,4-diphenyl-3-heptanol acetate (ester) hydrochloride.

NIH-7667; 30109. Analgesic, narcotic. Federally controlled substance (opiate). mp = 216-217°. *Eli Lilly & Co.***413 Norcodeine**

467-15-2 6783 207-388-2

(5 α ,6 α)-7,8-Didehydro-4,5-epoxy-3-methoxymorphinan-6-ol.N-desmethylocodeine; normorphine 3-methyl ether. Analgesic, narcotic. mp = 185°; sparingly soluble in H₂O, Et₂O; moderately soluble in Me₂CO; freely soluble in hot alcohol.**414 Norlevorphanol**

1531-12-0 6801 216-236-4



(-)-3-Hydroxymorphinan.

morphinan-3-ol; NIH-7539. Analgesic, narcotic. Federally controlled substance (opiate). mp = 270-272°; $[\alpha]_D^{21} = -42^\circ$ (c = 1 in MeOH). *Hoffmann-LaRoche Inc.***415 Normethadone**

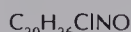
467-85-6 6804 207-401-1



6-Dimethylamino-4-diphenyl-3-hexanone.

isoamidone I; desmethylnormethadone; phenyldimazone; Hoechst 10582. Antitussive; analgesic, narcotic. Federally controlled substance (opiate). Oily liquid; bp₃ = 164-167°. *Hoechst Marion Roussel Inc.***416 Normethadone Hydrochloride**

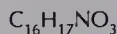
847-84-7 6804



6-Dimethylamino-4-diphenyl-3-hexanone hydrochloride.

Ticarda. Antitussive; analgesic, narcotic. Federally controlled substance (opiate). mp = 174-175°; soluble in H₂O, alc; pH (1% aqueous solution) $\approx$ 5; LD₅₀ (mus sc) = 90 mg/kg. *Hoechst Marion Roussel Inc.***417 Normorphine**

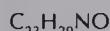
466-97-7 6806 207-381-4



4,5-Epoxy-3,6-dihydroxymorphin-7-ene.

desmethylnormorphine. Analgesic, narcotic. Federally controlled substance (opiate derivative). mp = 276-277°; sesquahydrate: mp = 273°; sparingly soluble in H₂O; Insoluble in CHCl₃.**418 Norpipanone**

561-48-8 6810 209-220-3



4,4-Diphenyl-6-(1-piperidyl)-3-hexanone.

Hoechst 10495; Hexalgon. Analgesic, narcotic. Federally controlled substance (opiate). *Hoechst Marion Roussel Inc.***419 Norpipanone Hydrochloride**

6033-41-6 6810



4,4-Diphenyl-6-(1-piperidyl)-3-hexanone hydrochloride.

Orfenso. Analgesic, narcotic. Federally controlled substance (opiate). mp = 181-182°; soluble in H₂O, alcohol. *Hoechst Marion Roussel Inc.***420 Ocfentanil**

101343-69-5



2'-Fluoro-2-methoxy-N-[(1-phenethyl)-4-piperidyl]acetanilide monohydrochloride.

Analgesic, narcotic. *Anaquest.***421 Ocfentanil Hydrochloride**

112964-97-3

2'-Fluoro-2-methoxy-N-[(1-phenethyl)-4-piperidyl]acetanilide.

A-3217. Analgesic, narcotic. *Anaquest.***422 Opium**

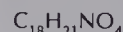
8008-60-4 6986 232-368-5

Made up of about 20 alkaloids, which constitute about 25% of the opium [including morphine, 10%; noscapine 4-8%; codeine 0.8-2.5%; papaverine 0.5-2.5%; thebaine (paramorphine) 0.5-2%], along with meconic acid, lactic and sulfuric acids, sugar, and some resinous and waxy compounds.

gum opium; crude opium. Analgesic, narcotic; hypnotic. Used largely in the manufacture of morphine, codeine and other opium alkaloids. Federally controlled substance (opiate). CAUTION: may be habit forming. See morphine; noscapine; codeine; papaverine.

423 Oxycodone

76-42-6 7093 200-960-2

4,5 α -Epoxy-14-hydroxy-3-methoxy-17-methylmorphinan-6-one.dihydrohydroxycodone; NSC-19043; Dihydrone. Analgesic, narcotic. Federally controlled substance (opiate). mp = 218-220°; insoluble in H₂O, Et₂O, base; soluble in alcohol, CHCl₃; [tautomeric form]: mp = 219-

220°; tautomeric form is more soluble in alcohol than other form. *DuPont Merck Pharmaceutical Co.*

424 Oxycodone Hydrochloride

124-90-3 7093 204-717-1
 $C_{18}H_{22}ClNO_4$
 4,5 α -Epoxy-14-hydroxy-3-methoxy-17-methylmorphinan-6-one hydrochloride.
 Dinarkon; Eubine; Eucodal; Eukodal; Eutagen; Oxikon; Oxycon; Pancodine; Tecodin; Tekodin; Thecodine; Thekodin; component of: Percodan. Analgesic, narcotic. Federally controlled substance (opiate). Dec 270-272°; $[\alpha]_D^{20} = -125^\circ$ (c = 2.5); soluble in H_2O (10 g/100 ml); slightly soluble in alcohol. *DuPont Merck Pharmaceutical.*

425 Oxycodone Terephthalate

64336-55-6
 $C_{44}H_{48}N_2O_{12}$
 4,5 α -Epoxy-14-hydroxy-3-methoxy-17-methylmorphinan-6-one 1,4-benzenedicarboxylate (2:1) (salt).
 Analgesic, narcotic. *DuPont Merck Pharmaceutical Co.*

426 Oxymorphone

76-41-5 7103 200-959-7
 $C_{17}H_{19}NO_4$
 4,5 α -Epoxy-3,14-dihydroxy-17-methylmorphinan-6-one. dihydroxymorphinone; dihydro-14-hydroxymorphinone; 14-hydroxydihydromorphinone. Analgesic, narcotic. Federally controlled substance (opiate). mp = 248-249°; levorotory; soluble in boiling Me_2CO and $CHCl_3$; readily soluble in aqueous alkalies; moderately soluble in boiling EtOH; sparingly soluble in C_6H_6 . *DuPont Merck Pharmaceutical Co.*

427 Oxymorphone Hydrochloride

357-07-3 7103 206-610-5
 $C_{17}H_{20}ClNO_4$
 4,5 α -Epoxy-3,14-dihydroxy-17-methylmorphinan-6-one hydrochloride.
 Numorphan. Analgesic, narcotic. Federally controlled substance (opiate). *DuPont Merck Pharmaceutical Co.*

428 Papaveretum

8002-76-4 7150
 A mixture of the hydrochlorides of the opium alkaloids in their approximate natural proportions: approx 50% morphine, 3% codeine, 20% noscapine, 5% papaverine. concentrated opium; Omnopon; Pantopon. Analgesic, narcotic. Exhibits biological action of morphine and other alkaloids present in opium. Federally controlled substance (opiate). Yellowish-gray crystal powder; freely soluble in H_2O .

429 Pentamorphine

68616-83-1
 $C_{22}H_{28}N_2O_3$
 7,8-Didehydro-4,5 α -epoxy-3-hydroxy-17-methyl-14-(pentylamino)morphinan-6-one.
 RX-77989; A-4492. Analgesic, narcotic. *Anaquest.*

430 Pentazocine

359-83-1 7261 206-634-6
 $C_{19}H_{27}NO$
 (2R*,6R*,11R*)-1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(3-methyl-2-butenyl)-2,6-methano-3-benzazocin-8-ol.
 Win-20228; NSC-107430; Fortral; Pentagin; Soseton.

Analgesic, narcotic. Mixed opioid agonist-antagonist. Federally controlled substance. mp = 145-147°; LD₅₀ (rat sc) = 175 mg/kg. *Sterling Health U.S.A.*

431 Pentazocine Hydrochloride

64024-15-3 7261
 $C_{19}H_{28}ClNO$
 (2R*,6R*,11R*)-1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(3-methyl-2-butenyl)-2,6-methano-3-benzazocin-8-ol hydrochloride.
 Fortralin Tablets; Fortralgesic Tablets. Analgesic, narcotic. Mixed opioid agonist-antagonist. Federally controlled substance. *Sterling Winthrop, Inc.*

432 Pentazocine Lactate

146-95-1 7261
 $C_{22}H_{33}NO_4$
 (2R*,6R*,11R*)-1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(3-methyl-2-butenyl)-2,6-methano-3-benzazocin-8-ol lactate (salt).
 Liticon; Pentalgine; Talwin Injection. Analgesic, narcotic. Mixed opioid agonist-antagonist. Federally controlled substance. *Sterling Winthrop, Inc.*

433 Phenadoxone

467-84-5 7348 207-400-6
 $C_{23}H_{29}NO_2$
 6-Morpholino-4,4-diphenyl-3-heptanone.
 heptazone; morphodone. Analgesic, narcotic. Federally controlled substance (opiate).

434 Phenadoxone Hydrochloride

545-91-5 7348 208-895-1
 $C_{23}H_{30}ClNO_2$
 6-Morpholino-4,4-diphenyl-3-heptanone hydrochloride.
 Hoechst 10600; CB-11; Hepagin; Heptalgin; Heptalin; Heptone; Supralgin. Analgesic, narcotic. Federally controlled substance (opiate). mp = 224-225° (some dec); $\lambda_m = 260, 295$ nm; soluble in H_2O , alcohol, EtOH, $CHCl_3$; slightly soluble in Me_2CO ; almost insoluble in C_6H_6 , EtOAc; LD₅₀ (mus iv) = 47.5 mg/kg.

435 Phenampromide

129-83-9 7353 204-967-1
 $C_{17}H_{26}N_2O$
 N-(1-Methyl-2-piperidinoethyl)propionanilide.
 phenampromid. Federally controlled substance (opiate). Liquid; bp_{0.2} = 124-128°; $n_D^{28} = 1.518$. *American Cyanamid.*

436 Phenazocine

127-35-5 7360 204-835-3
 $C_{22}H_{27}NO$
 1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(2-phenylethyl)-2,6-methano-3-benzazocin-8-ol.
 phenethylazocine; phenobenzorphan. Analgesic, narcotic. Federally controlled substance (opiate). [(±)-form]: mp = 181-182°; [(−)-form]: mp = 159-159.5°; $[\alpha]_D^{20} = -122^\circ$ (c = 0.74 95% EtOH). *SmithKline Beecham Pharmaceuticals.*

437 Phenazocine Hydrobromide (−)-form

1239-04-9 7360
 $C_{22}H_{28}BrNO$
 (−)-1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(2-

phenylethyl)-2,6-methano-3-benzazocin-8-ol Hydrobromide.

Analgesic, narcotic. Federally controlled substance (opiate). mp = 284-287°; $[\alpha]_D^{20}$ = -84.1° (c = 1.12 95% EtOH); LD₅₀ (mus sc) = 147 mg/kg. *SmithKline Beecham Pharmaceuticals*.

438 Phenazocine Hydrobromide (±)-form

1239-04-9 7360

C₂₂H₂₈BrNO

1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(2-phenylethyl)-2,6-methano-3-benzazocin-8-ol Hydrobromide.

NIH-7519; SKF-6574; Narphen; Prinadol; Xenagol. Analgesic, narcotic. Federally controlled substance (opiate). mp = 166-170°; LD₅₀ (mus sc) = 332 mg/kg. *SmithKline Beecham Pharmaceuticals*.

439 Phenomorphan

468-07-5 7399 207-403-2

C₂₄H₂₉NO

3-Hydroxy-N-phenethylmorphinan.

NIH-7274. Federally controlled substance (opiate). mp = 243-245°.

440 Phenoperidine

562-26-5 7400 209-229-2

C₂₃H₂₉NO₃

1-(3-Hydroxy-3-phenylpropyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester.

phenoperidin; R-1406. Analgesic, narcotic. Federally controlled substance (opiate). *Eli Lilly & Co.; Merck & Co., Inc.*

441 Phenoperidine Hydrochloride

3627-49-4 7400 222-846-1

C₂₃H₃₀ClNO₃

1-(3-Hydroxy-3-phenylpropyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester hydrochloride.

Lealgin; Operidine. Analgesic, narcotic. Federally controlled substance (opiate). mp = 200-202°; soluble in H₂O. *Eli Lilly & Co.; Merck & Co., Inc.*

442 Piminodine

13495-09-5 7587 236-817-6

C₂₃H₃₀N₂O₂

4-Phenyl-1-[3-(phenylamino)propyl]-4-piperidinecarboxylic acid ethyl ester.

Analgesic, narcotic. Federally controlled substance (opiate). *Sterling Winthrop, Inc.*

443 Piminodine Esylate

7081-52-9 7587

C₂₅H₃₆N₂O₅S

4-Phenyl-1-[3-(phenylamino)propyl]-4-piperidinecarboxylic acid ethyl ester monoethanesulfonate.

piminodine esilate; piminodine ethanesulfonate; NIH-7590; Win-14098; Alvodine; Pimadin. Analgesic, narcotic. Federally controlled substance (opiate). *Sterling Winthrop, Inc.*

444 Piritramide

302-41-0 7653

C₂₇H₃₄N₄O

1'-(3-Cyano-3,3-diphenylpropyl)-[1,4'-bipiperidine]-4'-carboxamide.

pirinitramide; A-65; R-3365; Dipidolor; Pirdolan. Analgesic, narcotic. Federally controlled substance (opiate). mp = 149-150°. *Janssen Pharmaceutical, Belgium*.

445 Proheptazine

77-14-5 7959 201-006-8

C₁₇H₂₅NO₂

1,3-Dimethyl-4-phenyl-4-propionyloxyazacycloheptane.

dimepheprimine; WY-757. Analgesic, narcotic. Federally controlled substance (opiate). Liquid; bp_{0.03} = 126°; n_D^{21} = 1.5215. *American Home Products*.

446 Promedol

64-39-1 7968

1,2,5-Trimethyl-4-phenyl-4-propionyloxypiperidine.

dimethylmeperidine; α-promedol (α isomer); isopromedol (β isomer); trimeperidine (γ isomer); γ-promedol (γ isomer). Analgesic, narcotic. Federally controlled substance (opiate). [Hydrochloride, α isomer]: mp = 153°; [hydrochloride, γ isomer]: mp = 222°.

447 Properidine

561-76-2 209-222-4

C₁₆H₂₃NO₂

1-Methyl-4-phenylpiperidine-4-carboxylic acid isopropyl ester.

Analgesic, narcotic.

448 Propiram

15686-91-6 8017 239-775-7

C₁₆H₂₅N₃O

N-(1-Methyl-2-piperidinoethyl)-N-2-pyridinylpropionamide.

Analgesic, narcotic. Federally controlled substance (opiate). bp = 162-163°. *Bayer AG; Miles*.

449 Propiram Fumarate

13717-04-9 8017

C₂₀H₂₉N₃O₅

N-(1-Methyl-2-piperidinoethyl)-N-2-pyridinylpropionamide fumarate (1:1).

Bay-4503; FBA-4503; Algeril; Dirame. Analgesic, narcotic. Federally controlled substance (opiate). LD₅₀ (mus orl) = 874 mg/kg, (rat orl) = 1657 mg/kg. *Bayer AG; Miles*.

450 Propoxyphene

469-62-5 8024 207-420-5

C₂₂H₂+97NO₂

(2S,3R)-(+)-4-(Dimethylamino)-3-methyl-1,2-diphenyl-2-butanol propionate (ester).

dextropropoxyphene; α-d-propoxyphene; racemic propoxyphene (αdl-form); diméprotane (αdl-form). Analgesic, narcotic. Bulk dextropropoxyphene (non-dosage form) is a federally controlled substance (opiate); dextropropoxyphene is a controlled substance (narcotic). See levopropoxyphene (α-l-form). mp = 75-76°; $[\alpha]_D^{25}$ = +67.3° (c = 0.06 in CHCl₃); [β-dl-form]: mp = 187-188°; more soluble than α-form. *Eli Lilly & Co.*

451 Propoxyphene Hydrochloride

1639-60-7 8024 216-683-5

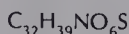
C₂₂H₃₀ClNO₂

(2S,3R)-(+)-4-(Dimethylamino)-3-methyl-1,2-diphenyl-2-butanol propionate (ester) hydrochloride.

SK-65; Antalvic; Darvon; Deprancol; Develin; Dolene; Dolocap; Erantin; Femadol; Harmar; Propoxychel; Proxagesic; component of: Darvon with ASA, SK-65 Apap, SK-65 Compound, Wygesic. Analgesic, narcotic. Federally controlled substance (opiate). mp = 163-165°; $[\alpha]_D^{25} = +59.8^\circ$ (c = 0.06 in H₂O); soluble in H₂O, alcohol, CHCl₃, Me₂CO; practically insoluble in C₆H₆, Et₂O; LD₅₀ (mus iv) = 28 mg/kg, (mus ip) 111 mg/kg, (mus sc) = 211 mg/kg, (mus orl) = 282 mg/kg. *Eli Lilly & Co.*

452 Propoxyphene Napsylate

26570-10-5 8024

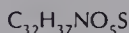


(αS,3R)-α-[2-(Dimethylamino)-1-methyl]-α-phenylphenethyl propionate compound with 2-naphthalenesulfonic acid (1:1) monohydrate.

Darvon-N; Doloxene; component of: Darvocet-N, Propacet. Analgesic, narcotic. Federally controlled substance (opiate). LD₅₀ (fms orl) = 990 mg/kg. *Eli Lilly & Co.*

453 Propoxyphene Napsylate [anhydrous]

17140-78-2 8024 241-205-7

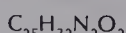


(αS,3R)-α-[2-(Dimethylamino)-1-methyl]-α-phenylphenethyl propionate compound with 2-naphthalenesulfonic acid (1:1).

Analgesic, narcotic. Federally controlled substance (opiate). *Eli Lilly & Co.*

454 Racemoramide

545-59-5 2997 208-893-0

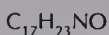


(±)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)-butyl]morpholine.

R-610. Analgesic, narcotic. See dextromoramide. *Janssen Pharmaceutical Inc.*

455 Racemorphan

297-90-5 5496 206-048-0

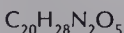


(±)-3-Hydroxy-N-methylmorphinan.

dl-form of levorphanol; methorphan. Analgesic, narcotic. Federally controlled substance (opiate). See levorphanol. mp = 251-253°. *Hoffmann-La Roche Inc.*

456 Remifentanyl

132875-61-7 8300



4-Carboxy-4-(N-phenylpropionamido)-1-piperidinepropionic acid dimethyl ester.

remifentanyl. Analgesic, narcotic. *Glaxo Labs.*

457 Remifentanyl

132539-07-2 8300



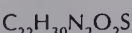
4-Carboxy-4-(N-phenylpropionamido)-1-piperidinepropionic acid dimethyl ester.

monohydrochloride.

GI-87084B. Analgesic, narcotic. *Glaxo Labs.*

458 Sufentanil

56030-54-7 9056



N-[4-(Methoxymethyl)-1-[2-(2-thienyl)ethyl]-4-piperidyl]propionaldehyde.

R-30730; sufentanil. Analgesic, narcotic. Federally controlled substance (opiate). mp = 96.6°; LD₅₀ (mus iv) = 18.7 mg/kg. *Janssen Pharmaceutical, Belgium.*

459 Sufentanil Citrate

60561-17-3 9056

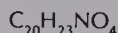


N-[4-(Methoxymethyl)-1-[2-(2-thienyl)ethyl]-4-piperidyl]propionaldehyde citrate (1:1).

R-33800; Sufenta. Analgesic, narcotic. Federally controlled substance (opiate). *Janssen Pharmaceutical, Belgium.*

460 Thebacon

466-90-0 3215 207-377-2



3-Methoxy-N-methyl-4,5-epoxymorphin-6-en-6-yl acetate.

dihydrocodeinone enol acetate;

acetyldemethylidihydrothebaine;

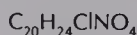
acetyldihydrocodeinone; demethylidihydrothebaine

acetate (ester). Analgesic, narcotic; antitussive. Federally

controlled substance (opiate). mp = 154°; soluble in most organic solvents; practically insoluble in H₂O.

461 Thebacon Hydrochloride

20236-82-2 3215



3-Methoxy-N-methyl-4,5-epoxymorphin-6-en-6-yl acetate hydrochloride.

dihydrocodeinone enol acetate hydrochloride; Acedicon.

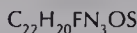
Analgesic, narcotic; antitussive. Federally controlled

substance (opiate). mp = 132-135° (dec); soluble in H₂O;

stable in boiling H₂O.

462 Tifluadom

81656-30-6

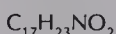


(±)-N-[[5-(o-Fluorophenyl)-2,3-dihydro-1-methyl-1H-1,4-benzodiazepin-2-yl]methyl]-3-thiophenecarboxamide.

KC-5103. A benzodiazepine. Human kappa opioioid receptor to the agonist. Analgesic; diuretic.

463 Tilidine dl-trans

20380-58-9 9578 243-774-7



(±)-Ethyl trans-2-(dimethylamino)-1-phenyl-3-cyclohexene-1-carboxylate.

Analgesic, narcotic. Federally controlled substance (opiate). bp_{0.01} = 96°. *Warner Lambert; Parke-Davis.*

464 Tilidine Hydrochloride dl-trans

27107-79-5 9578 248-226-0



(±)-Ethyl trans-2-(dimethylamino)-1-phenyl-3-cyclohexene-1-carboxylate hydrochloride.

Go+u7-1261C (hemihydrate); W-5759A (hemihydrate);

Lucayan (hemihydrate); Valaron (hemihydrate).

Analgesic, narcotic; antitussive. Federally controlled

substance (opiate). mp = 159°; soluble in H₂O; LD₅₀ (mus

ig) = 437 mg/kg, (mus sv) = 490 mg/kg, (mus iv) = 52

mg/kg; [hydrochloride hemihydrate]; mp = 125°. *Warner*

Lambert; Parke-Davis.

465 Tilidine Hydrochloride (+)-trans

24357-97-9 9578

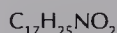


(+) -Ethyl trans-2-(dimethylamino)-1-phenyl-3-cyclohexene-1-carboxylate.

Analgesic, narcotic; antitussive. Federally controlled substance (opiate). Warner Lambert; Parke-Davis.

466 Trimeperidine

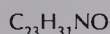
64-39-1 7968 200-583-3



1,2,5-Trimethyl-4-phenyl-4-propionyloxypiperidine.

promedol hydrochloride, γ isomer; γ -promedol. Analgesic, narcotic; antitussive. Federally controlled substance (opiate).**467 Xorphanol**

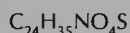
77287-89-9

17-(Cyclobutylmethyl)-8 β -methyl-6-methylenemorphinan-3-ol.

Analgesic, narcotic; antitussive.

468 Xorphanol Mesylate

77287-90-2

17-(Cyclobutylmethyl)-8 β -methyl-6-methylenemorphinan-3-ol methane sulfonate (salt).

TR-5379M. Analgesic, narcotic; antitussive.

Analgesics, Non-narcotic**469 Aceclofenac**

89796-99-6 19



Glycolic acid [o-(2,6-dichloroanilino)phenyl]acetate ester.

PR-82/3; Airtal; Biofenac; Tresquim. Anti-inflammatory; analgesic. mp = 149-150°; λ_m = 275 (log ϵ 4.14 in EtOH).**470 Acemetacin**

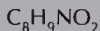
53164-05-9 27 258-403-4



1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indole-3-acetic acid carboxymethyl ester.

Acemix; Emflex; Rantudil; Rheumibis; Solart. Anti-inflammatory. Derivative of indomethacin. mp = 150-153°; LD₅₀ (mmus orl) = 55.5 mg/kg, (mmus iv) = 34.1 mg/kg. Troponwerke Dinklage.**471 Acetaminophen**

103-90-2 45 203-157-5



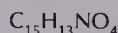
4'-Hydroxyacetanilide.

p-hydroxyacetanilide; p-acetamidophenol; p-aceaminophenol; N-acetyl-p-aminophenol; paracetamol; Abensanil; Acamol; Acetalgin; Alpiny; Amadil; Anaflon; Anhiba; Apamide; APAP; Banasin; Ben-u-ron; Bickie-mol; Calpol; Captin; Claratal; Cetadol; Dafalgan; Datril; Dirox; Disprol; Doliprane; Dolprone; Dymadon; Enelfa; Eneril; Eu-Med; Exdol; Febrilex; Finimal; Gelocatil; Hedex; Homoolan; Korum; Momentum; Naprinol; Nebs; Nobedon; Ortensan; Pacemol; Paldesic; Panadol; Panaleve; Panasorb; Panets; Panodil; Parelant; Paraspens;

Parmol; Pasolind N; Phenaphen; Salzone; Tabalgin; Tapar; Tempra; Tralgon; Tylenol; Valadol; component of: Actifed Plus, Allerest Sinus Pain Formula, Annesia, Aspirin-Free Anacin, Children's Tylenol Cold Tablets, Contac Cough & Sore Throat Formula, Contac Jr Non-drowsy Formula, Contac Nighttime Cold Medicine, Contac Severe Cold Formula, Coricidin, Darvoset-N, Dristan Cold (Multisymptom), Dristan Cold (No Drowsiness), Empracet, Endecon, Gemnisyn, Headache Strength Allerest, Hycomine Compound, Hy-Phen, Intensin, Liquiprin, Maximum Strength Sine-Aid, Midol, Midol Maximum Strength, Midol PMS, Naldegescic, Naldetuss, Ornex, Percocet, Percogesic with Codeine, Propacet, Quiet World, Rhinex D-Lay Tablets, Sinarest, Sine-Off Maximum Strength Allergy/Sinus, Sine-Off Maximum Strength No Drowsiness Formula Caplets, Sinubid, St Joseph's Cold Tablets for Children, Sudafed Sinus, Supac, Teen Midol, TheraFlu, Tylenol Allergy Sinus, Tylenol Cold and Flu Multi-Symptom, Tylenol Cold Medication Caplets, Liquid and Tablets, Tylenol Cold Night Time Liquid, Tylenol Cold No Drowsiness, Tylenol PM Tablets and Caplets, Tylenol with Codeine, Tylox, Vanquish, Vicodin, Wygesic, Zydone. Analgesic, antipyretic, anti-inflammatory. mp = 169-170.5°; d_4^{25} = 1.293; λ_m = 250 nm (ϵ 13800 EtOH); slightly soluble in cold H₂O, Et₂O; more soluble in hot H₂O; soluble in alcohol, dimethylformamide, ethylene dichloride, Me₂CO, EtOAc; nearly insoluble in petroleum ether, pentane, C₆H₆; LD₅₀ (mus orl) = 338 mg/kg, (mus ip) = 500 mg/kg. Bristol-Myers Squibb Co.; Robins, A.H. Co.; Forest Pharmaceuticals Inc.; McNeil Pharmaceutical; Mead Johnson Nutritionals; Novo Nordisk Pharmaceuticals Inc.; Parke-Davis; Sterling Health U.S.A.; Warner Lambert.

472 Acetaminosalol

118-57-0 46 204-261-3



4'-Hydroxyacetanilide salicylate.

p-acetamidophenyl salicylate; p-acetylaminophenol salicylic acid ester; phenestal; Phenosal; Salophen. Analgesic, antipyretic, anti-inflammatory. mp = 187°; nearly insoluble in petroleum ether, cold H₂O; more soluble in warm H₂O; soluble in alcohol, Et₂O, C₆H₆; incompatible with alkalis and alkaline solutions.**473 Acetanilide**

103-84-4 47 203-150-7



N-Phenylacetamide.

antifebrin; acetylaniline; acetylaminobenzene. Antipyretic, analgesic. mp = 113-115°; bp = 304-305°; d_4^{15} = 1.219; pK (28°) = 13.0; soluble in H₂O, alcohol, CHCl₃, Me₂CO, glycerol, dioxane, Et₂O, C₆H₆; nearly insoluble in petroleum ether; LD₅₀ (rat ig) = 800 mg/kg.**474 Acetylsalicylic Acid**

50-78-2 102 200-064-1



2-Acetoxybenzoic acid.

salicylacetylsalicylic acid; Aspirin; A.S.A; Acetyonyl; Bayer; Bufferin; Diplosal Acetate; Alka-Seltzer; Anacin; Ascriptin; Coricidin; Coricidin D; Darvon Compound; Easprin; Ecotrin; Empirin; Excedrin; Gelprin; Robaxisal; Vanquish; Ascoden-30; Measurin; Norgescic; Persistin; St Joseph's Aspirin for Adults; Supac; Triaminicin; ZORprin;

Acidum Acetylsalicylicum; Acetilum Acidulatum; A.s.a.; Acenterine; Acetosal; Acetosalic Acid; Acetosalin; Acetylin; Acetylsal; Acylpyrin; Aspro; Asteric; Caprin; Colfarit; Duramax; Ecm; Endydol; Entrophen; Enterosarine; Helicon; Xaxa; Rhodine; Salacatin; Salcetogen; Saletin; Acesal; Acetisal; Acetonyl; Acimetten; Acisal; A.s.a. Empirin; Asagran; Asatard; Aspalon; Aspergum; Aspidrops; AC 5230; Benaspir; Entericin; Extren; Bialpirinia; Contrheuma Retard; Crystar; Delgesic; Dolean Ph 8; Enterophen; Globoid; Idragin; Neuronika; Novid; Polopiryna; Solpyron; Claradin; Nuseals; Solprin. Analgesic, anti-inflammatory. mp = 159°; nearly insoluble in H₂O, C₆H₆; soluble in alkaline solutions. *Boehringer Ingelheim GmbH*.

475 Alclofenac

22131-79-9 220 244-795-4
 $C_{11}H_{11}ClO_3$
 3-Chloro-4-(2-propenyloxy)benzeneacetic acid.
 W-7320; Allopodylin; Epinal; Medifenac; Mervan; Neoston; Prinalgin; Reufenac; Zumaril. Analgesic, antipyretic, anti-inflammatory. Arylactic acid derivative. mp = 92-93°; LD₅₀ (rat orl) = 1050 mg/kg, (rat sc) = 600 mg/kg, (rat ip) = 555 mg/kg. *Continental Pharma*.

476 Alminoprofen

39718-89-3 308 254-604-6
 $C_{13}H_{17}NO_2$
 p-[(2-Methylallyl)amino]hydratropic acid.
 EB-382; Minalfene. Anti-inflammatory; analgesic. mp = 107°; LD₅₀ (mus orl) = 2400 mg/kg.

477 Aloxiprin

9014-67-9 316
 2-(Acetyloxy)benzoic acid polymer with aluminum oxide. polyoxyaluminum acetylsalicylate; Alaprin; Lyman; Palaprin; Rumatral; Superpyrin. Analgesic. Polymeric condensation product of aluminum oxide and aspirin. *Ajinomoto Co. Inc.*

478 Aluminum Bis(acetylsalicylate)

23414-80-1 338
 $C_{18}H_{15}AlO_9$
 Bis[2-(acetyloxy)benzoato-O']hydroxyaluminum. aluminum diacetylsalicylate; acetylsalicylate aluminum; aluminum diaspirin; aluminum aspirin; monohydroxyaluminum diacetylsalicylate; monohydroxyaluminum bis(acetylsalicylate); Rumasal. Analgesic; antipyretic. Nearly insoluble in H₂O, alcohol, Et₂O; decomposes in dilute acids, dilute alkalis, alkali carbonates.

479 Aminobenzoate Potassium

138-84-1 7766 205-338-4
 $C_7H_6KNO_2$
 p-Aminobenzoic acid potassium salt. potassium p-aminobenzoate; KPABA; Potoba. Antifibrotic; analgesic. Soluble in H₂O; nearly insoluble in Et₂O. *Glenwood Inc.*

480 Aminobenzoate Sodium

555-06-6 209-080-3
 $C_7H_6NaNO_2$
 p-Aminobenzoic acid monosodium salt. potassium p-aminobenzoate; KPABA; Potoba. Analgesic.

481 Aminochlorthenoxazin

3567-76-8 455
 $C_{12}H_{11}ClN_2O_2$
 6-Amino-2-(2-chloroethyl)-2,3-dihydro-4H-1,3-benzoxazin-4-one.
 component of: Dereuma. Antipyretic, analgesic. mp = 164°; nearly insoluble in H₂O; LD₅₀ (mus ip) = 1950 mg/kg, (mus orl) = 10000 mg/kg.

482 Aminochlorthenoxazin Hydrochloride

455
 $C_{12}H_{12}Cl_2N_2O_2$
 6-Amino-2-(2-chloroethyl)-2,3-dihydro-4H-1,3-benzoxazin-4-one monohydrochloride.
 A-350; ICI-350. Antipyretic, analgesic. mp = 209-210°; soluble in H₂O; LD₅₀ (mus ip) = 920 mg/kg, (mus orl) = 2250 mg/kg, (mus iv) = 290.

483 Aminophenazone Cyclamate

747-30-8 495
 $C_{20}H_{30}N_4O_4S$
 4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one cyclohexylsulfamate.
 aminopyrine cyclohexylsulfamate. Analgesic; antipyretic.

484 Aminopicoline

695-34-1 486 211-780-9
 $C_6H_8N_2$
 4-Methyl-2-pyridinamine.
 2-amino-4-picoline; component of: Ascensil, Askensil. Analgesic; cardiac stimulant. mp = 100-100.5°; bp₁₁ = 115-117°; soluble in H₂O, alcohols, dimethylformamide, coal tar bases; slightly soluble in petroleum ether, aliphatic hydrocarbons.

485 Aminopicoline Camphorsulfonate

12261-97-1 486
 $C_{16}H_{24}N_2O_4S$
 4-Methyl-2-pyridinamine camphorsulfonate.
 2-amino-4-picoline camphorsulfonate; Piricardio; Varunax. Analgesic; cardiac stimulant.

486 Aminopropylon

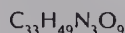
3690-04-8 492 222-999-4
 $C_{16}H_{22}N_4O_2$
 N-(2,3-Dihydro-1,5-dimethyl-3-oxo-2-phenyl-1H-pyrazol-4-yl)-2-(dimethylamino)propanamide.
 Amipyo. Analgesic. mp = 181°; soluble in H₂O.

487 Aminopyrine

58-15-1 495 200-365-8
 $C_{13}H_{17}N_3O$
 4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one.
 amidopyrine; aminophenazone; dimethylaminophenyldimethylpyrazone; Amidofebrin; Amidopyrazoline; Anafebrina; Brufaneuxol; Dimapyrin; Dipirin; Febrinina; Itamidone; Mamallet-A; Netsusarin; Novamidon; Piridol; Polinalin; Pyradone; Pyramidon. Analgesic; antipyretic. CAUTION: may cause agranulocytosis. mp = 107-109°; soluble in alcohol (66.7 g/100 ml), C₆H₆ (8.3 g/100 ml), CHCl₃ (100 g/100 ml), Et₂O (7.7 g/100 ml), H₂O (5.6g/100 ml); LD₅₀ (rat orl) = 1700 mg/kg.

488 Aminopyrine Bicamphorate

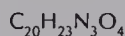
94442-12-3 495



4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one bicamphorate.

Pyramidon bicamphorate. Analgesic; antipyretic. mp = 94°; soluble in H₂O with gradual decomposition; soluble in alcohol.**489 Aminopyrine Salicylate**

603-57-6 495 210-049-1



4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one salicylate.

Pyramidon salicylate. Analgesic; antipyretic. mp = 70°; soluble in H₂O (6.25 g/100 ml), alc (16.7 g/100 ml).**490 Ammonium Salicylate**

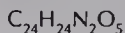
528-94-9 584 208-444-9



2-Hydrobenzoic acid monoammonium salt.

salicylic acid monoammonium salt. Analgesic. Used topically to loosen psoriatic scales. Soluble in H₂O (100 g/100 ml), alc (33.3 g/100 ml).**491 Amtolmetin Guacil**

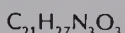
87344-06-7 637



N-[(1-Methyl-5-p-toluoylpyrrol-2-yl)acetyl]glycine o-methoxyphenyl ester.

ST-679; MED-15. Analgesic; anti-inflammatory. Ester prodrug of tolmetin. Arylacetic acid derivative. mp = 117-120°; soluble in organic solvents; LD₅₀ (mmus ip) = 1370 mg/kg, (mmus orl) > 1500 mg/kg. *Sigma-Tau Pharmaceuticals, Inc.***492 Anidoxime**

34297-34-2



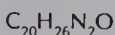
3-(Diethylamino)propiophenone

O-[(p-methoxyphenyl)carbamoyl]oxime.

Analgesic.

493 Anilopam

53716-46-4



(-)-3-(p-Aminophenethyl)-2,3,4,5-tetrahydro-8-methoxy-2-methyl-1H-3-benzazepine dihydrochloride.

Analgesic. *Fisons Corp.***494 Anilopam Hydrochloride**

53716-45-3



(-)-3-(p-Aminophenethyl)-2,3,4,5-tetrahydro-8-methoxy-2-methyl-1H-3-benzazepine.

786-723. Analgesic. *Fisons Corp.***495 Aniolac**

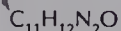
66635-85-6



(±)-5-p-Anisoyl-2,3-dihydro-1H-pyrolizine-1-carboxylic acid.

RS-37326. Anti-inflammatory; analgesic. *Syntex Labs. Inc.***496 Antipyrene**

60-80-0 757 200-486-6

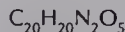


2,3-Dimethyl-1-phenyl-3-pyrazolin-5-one.

phenyldimethyl isopropyl pyrazolone; dimethyloxychinizin; dimethyloxyquinazine; oxydimethylquinizine; phenazone; Analgesine; Anodynine; Parodyne; Phenylone; Sedatine; component of: Auralgan.

Analgesic. mp = 119-113°; soluble in H₂O (<1 g/ml), alcohol (1 g/1.3 ml), CHCl₃ (1 g/1 ml), Et₂O (1 g/43 ml); LD₅₀ (rat orl) = 1.8 g/kg.**497 Antipyrene Acetylsalicylate**

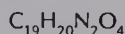
569-84-6 757



2,3-Dimethyl-1-phenyl-3-pyrazolin-5-one acetylsalicylate.

Acetopyrine; Acopyrine; Acetasol. Analgesic. mp = 63-65°; soluble in hot H₂O, CHCl₃, alcohol; sparingly soluble in Et₂O, cold H₂O (1 g/400 ml).**498 Antipyrene Methylethylglycolate**

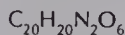
5794-16-1 757



2,3-Dimethyl-1-phenyl-3-pyrazolin-5-one methylethylglycolate.

antipyrene 2-hydroxy-2-methylbutyrate; Astrolin. Analgesic. mp = 64-65.5°; soluble in H₂O, alcohol.**499 Antipyrene Salicylacetate**

520-07-0 757



2,3-Dimethyl-1-phenyl-3-pyrazolin-5-one salicylacetate.

alpha-carboxy-o-anisic acid compound with antipyrene; Pyrosal. Analgesic. mp = 149-150°; sparingly soluble in H₂O; soluble in alcohol.**500 Antrafenine**

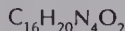
55300-29-3 763



2-[4-(α,α,α-Trifluoro-m-tolyl)-1-piperazinyl]ethyl N-(7-(trifluoromethyl)-4-quinolyl)anthranilate.

SL-73.033; Stakane. Analgesic with minimal anti-inflammatory and antipyretic activity, related structurally to floctafenine. mp = 88°; LD₅₀ (mus orl) = 4000 mg/kg. *Synthelabo Pharmacie.***501 Apazone**

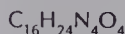
13539-59-8 768 236-913-8



5-(Dimethylamino)-9-methyl-2-propyl-1H-pyrazolo[1,2-a][1,2,4]benzotriazine-1,3(2H)-dione.

azapropazone; AHR-3018; MI-85; NSC-102824; Cinnamin; Sinnamin. Anti-inflammatory; analgesic. mp = 228°. *Sieglfried AG.***502 Apazone Dihydrate**

22304-30-9 768



5-(Dimethylamino)-9-methyl-2-propyl-1H-pyrazolo[1,2-a][1,2,4]benzotriazine-1,3(2H)-dione dihydrate.

MI-85Di; Azapren; Prolixan; Rheumox; Tolyprin. Anti-inflammatory; analgesic. mp = 247-248°. *Sieglfried AG.*

503 Aspirin

50-78-2 886 200-064-1



Acetylsalicylic acid.

o-carboxyphenyl acetate; 2-(acetyloxy)benzoic acid; acetate salicylic acid; salicylic acid acetate; Acenterline; Aceticyl; Acetosol; Acetosalic Acid; Acetosalin; Acetylin; Acetyl-SAL; Acimetten; Acylpyrin; Arthrisin, A.S.A.; Asatard; Aspro; Asteric; Caprin; Claradin; Colfarit; Contrheuma retard; Duramax; ECM; Ecotrin; Empirin; Encaprin; Endydol; Entrophen; Enterosarine; Helicon; Levius; Longasa; Measurin; Neuronika; Platet; Rhodine; Salacatin; Salcetogen; Saletin; Solrin; Solpyron; Xaxa; Alka-seltzer; Anacin; Ascriptin; Bufferin; Coricidin D; Darvon compound; Excedrin; Gelprin; Robaxisal; Vanquish; Ascoden-30; Coricidin; Norgesic; Persistin; Supac; Triaminic; acetophen; acidum acetylsalicylicum; acetilum acidulatum; Acetonyl; Adiro; acenterine; acetosal; acetosalic acid; acetosalin; acetylin; acetylsal; acylpyrin; asteric; caprin; colfarit; entrophen; enterosarine; rhodine; salacatin; salcetogen; saletin; acesal; acetilsalilico; acetisal; acetonyl; asagran; asatard; aspalon; aspergum; aspidrops; AC 5230; benaspir; entericin; extren; bialpirinia; contrheuma retard; Crystar; Delgesic; Dolean ph 8; enterophen; globoid; idragin. Analgesic; antipyretic; anti-inflammatory. Also has platelet aggregation inhibiting, antithrombotic, and antirheumatic properties. mp = 135; d = 1.40; λ_m = 229, 277 nm ($E_{1cm}^{1\%}$ 484, 68 0.1N H_2SO_4); pH (25°) = 3.49; slightly soluble in H_2O (1 g/300 ml at 25°, 1 g/100 ml at 37°); soluble in alc (1 g/5 ml), $CHCl_3$ (1 g/17 ml), Et_2O ($\approx$ 1 g/10 ml); LD₅₀ (mus orl) = 1100 mg/kg. *Boots Pharmaceuticals Inc.; Bristol-Myers Squibb Co.; Eli Lilly & Co.; Parke-Davis; Schering-Plough HealthCare Products; SmithKline Beecham Pharmaceuticals; Sterling Health U.S.A.; Sterling Winthrop, Inc.; Upjohn Ltd.*

504 Benorylate

5003-48-5 1074 225-674-5

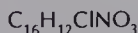


4-Acetamidophenyl salicylate acetate.

benorilate; fenasprate; WIN-11450; Benoral; Benortan; Quinexin; Salipran. Analgesic, antipyretic, anti-inflammatory. mp = 175-176°; LD₅₀ (mus orl) = 2000 mg/kg, (rat orl) = 10000 mg/kg, (mus ip) = 1255 mg/kg, (rat ip) = 1830 mg/kg. *Sterling Winthrop, Inc.*

505 Benoxaprofen

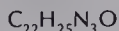
51234-28-7 1075 257-069-7

2-(4-Chlorophenyl)- α -methyl-5-benzoxazoleacetic acid.

Compound 90459; Coxigon; Opren; Oralflex; Uniprofen. Anti-inflammatory; analgesic. mp = 189-190°; LD₅₀ (mus orl) = 800 mg/kg. *Eli Lilly & Co.*

506 Benzpiperylon

53-89-4 1152 200-187-0

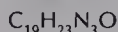


4-Benzyl-2-(1-methyl-4-piperidyl)-5-phenyl-4-pyrazolin-3-one.

benzpiperylone; benzpiperylone; KB-95; Benzometan; Humedil; Reublonil; Telon. Analgesic; anti-inflammatory. Dec 181-183°; pk_1 = 6.73, pK_2 = 9.13; LD₅₀ (mus iv) = 160 mg/kg, (mus orl) = 1880 mg/kg. *Sandoz Pharmaceuticals Corp.*

507 Benzydamine

642-72-8 1157 211-388-8



1-Benzyl-3-[3-(dimethylamino)propoxy]-1H-indazole.

benzindamine. Analgesic, antipyretic, anti-inflammatory. bp_{0.05} = 160°. *Angelini Pharmaceuticals, Inc.*

508 Benzydamine Hydrochloride

132-69-4 1157 205-076-0

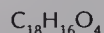


monohydrochloride.

AF-864; Afloben; Andolex; Benalgin; Benzyrin; Difflam; Dorinamin; Enzamin; Imotryl; Ririlim; Riripen; Salyzoron; Saniflor; Tamas; Tantum; Verax. Analgesic, antipyretic, anti-inflammatory. mp = 160°; λ_m = 306 nm ($E_{1cm}^{1\%}$ 160); soluble in H_2O , EtOH, $CHCl_3$, n-butanol; LD₅₀ (mus ip) = 110 mg/kg, (rat ip) = 100 mg/kg, (mus orl) = 515 mg/kg, (rat orl) = 1050 mg/kg. *Angelini Pharmaceuticals, Inc.*

509 Bermoprofen

72619-34-2 1199

(±)-10,11-Dihydro- α ,8-dimethyl-11-oxodibenz[b,f]oxepin-2-acetic acid.

AD-1590; AJ-1590; Dibenon. Anti-inflammatory; analgesic; antipyretic. Prostaglandin synthetase inhibitor; a derivative of arylpropionic acid derivative. mp = 128-129°; LD₅₀ (mus orl) = 500 mg/kg, (rat orl) = 147 mg/kg. *Dainippon Pharmaceutical Co.*

510 Bicifadine

71195-57-8



(±)-1-p-Tolyl-3-azabicyclo[3.1.0]hexane.

Analgesic. *Parke-Davis.***511 Bicifadine Hydrochloride**

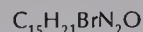
66504-75-4



(±)-1-p-Tolyl-3-azabicyclo[3.1.0]hexane hydrochloride.

CL-220075. Analgesic. *Parke-Davis.***512 Bromadoline**

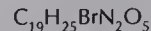
67579-24-2



trans-p-Bromo-N-[2-(dimethylamino)cyclohexyl]benzamide.

Analgesic. *Upjohn Ltd.***513 Bromadoline Maleate**

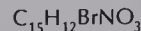
81447-81-6



trans-p-Bromo-N-[2-(dimethylamino)cyclohexyl]benzamide maleate (1:1).

U-47931E. Analgesic. *Upjohn Ltd.***514 Bromfenac**

91714-94-2 1411



2-Amino-3-(p-bromobenzoyl)phenyl]acetic acid.

AHR-10282. Analgesic; anti-inflammatory. Prostaglandin synthetase inhibitor; analog of amfenac. *Robins, A.H. Co.*

515 Bromfenac Sodium

120638-55-3 1411

 $C_{15}H_{11}BrNNaO_3 \cdot 1/2H_2O$

Sodium [2-amino-3-(p-bromobenzoyl)phenyl]acetate sesquihydrate.

AHR-10282B. Analgesic; anti-inflammatory. mp = 284-286° (dec); pKa = 4.29; soluble in H_2O , MeOH, dilute base; insoluble in $CHCl_3$, dilute acid. *Robins, A.H. Co.***516 Bromoacetanilide**

103-88-8 1420 203-154-9

 C_8H_8BrNO

N-(4-Bromophenyl)acetamide.

p-bromoacetanilide; monobromoacetanilide; bromo-analide; Antisepsin; Asepsin; Bromoantifebrin. Analgesic; antipyretic. mp = 168°; d = 172; nearly insoluble in cold H_2O ; slightly soluble in hot H_2O ; soluble in C_6H_6 ; $CHCl_3$, EtOAc; moderately soluble in alcohol. *Monsanto Co.***517 5-Bromosalicylic Acid Acetate**

1053-53-3 1459 203-154-9

 $C_9H_7BrO_4$

2-(Acetoxy)-5-bromobenzoic acid.

bromo-aspirin. Analgesic. mp = 168-169°; slightly soluble in H_2O (1 g/1500 ml); more soluble in alcohol (1 g/9 ml), Et_2O (1 g/21 ml).**518 Bucetin**

1083-57-4 1479 214-109-8

 $C_{15}H_{17}NO_3$

3-Hydroxy-p-butyrophenetidine.

Betadid. Analgesic. Phenetidine derivative with analgesic and antipyretic activity. mp = 160°; sparingly soluble in H_2O ; LD₅₀ (mus ip) = 790 mg/kg, (mus orl) = 2800 mg/kg. *Hoechst Marion Roussel Inc.***519 Bufexamac**

2438-72-4 1497 219-451-1

 $C_{12}H_{17}NO_3$

2-(p-Butoxyphenyl)acetohydroxamic acid.

CP-1044-J3; Droloxarol; Droxyaryl; Feximac; Malipurin; Mofenar; Norfemac; Parfenac; Parfenal. Anti-inflammatory; analgesic; antipyretic. mp = 153-155°; nearly insoluble in H_2O ; LD₅₀ (mus orl) > 8 g/mg. *Pfizer Inc.***520 Bumadizone**

3583-64-0 1507 222-710-1

 $C_{19}H_{22}N_2O_3$

Butylmalonic acid mono(1,2-diphenylhydrazide).

bumadizon. Analgesic; antipyretic; anti-inflammatory. Main product of hydrolysis of phenylbutazone. mp = 116-117°, 77-79°; λ_m = 234,264 nm (ϵ 16200, 3700 0.1 N NaOH). *Ciba-Geigy Corp.***521 Bumadizone Calcium Salt Hemihydrate**

69365-73-7 1507

 $C_{38}H_{42}CaN_4O_6 \cdot 0.5H_2O$

Butylmalonic acid mono(1,2-diphenylhydrazide) calcium salt (2:1) hemihydrate.

Bumaflex; Eumotol; Rheumatol. Analgesic; antipyretic; anti-inflammatory. Dec 154°; soluble in $CHCl_3$; alcohol, Et_2O ; slightly soluble in H_2O ; LD₅₀ (mus orl) = 2500 mg/kg, (rat orl) = 1250 mg/kg, (mus iv) = 258 mg/kg, (rativ) = 263 mg/kg. *Ciba-Geigy Corp.***522 Butacetin**

2109-73-1 1532

 $C_{12}H_{17}NO_2$

4'-tert-Butoxyacetanilide.

BW-63-90; NSC-106564; Tromal. Analgesic; antidepressant. mp = 130°. *Burroughs Wellcome.***523 Butixirate**

19992-80-4 10205 243-454-7

 $C_{28}H_{33}NO_2$

(±)-α-Ethyl-4-biphenylacetic acid compound with trans-4-phenylcyclohexylamine (1:1).

xenbucin phenylcyclohexylamine; MG-5771; Flectar. Analgesic; antirheumatic; anti-inflammatory. mp = 224-227°; LD₅₀ (mus ip) = 183 μM/kg. *Maggioni Farmaceutici S.p.A.***524 Calcium Acetylsalicylate**

69-46-5 1684 200-707-6

 $C_{18}H_{14}CaO_8$

2-(Acetyloxy)benzoic acid calcium salt.

salicylic acid acetate calcium salt; acetylsalicylic acid calcium salt; calcium aspirin; soluble aspirin; Ascal; Cal-Aspirin; Dispril; Disprin; Kalmopyrin; Kalsetal; Solaspin; Tylcalsin. Analgesic; antipyretic; anti-inflammatory. Soluble in H_2O (17 g/100 ml), EtOH (1.25 g/100 ml). *Lee Labs.***525 Calcium Acetylsalicylate Carbamide**

5749-67-7 1684

 $C_{19}H_{18}CaN_2O_9$

2-(Acetyloxy)benzoic acid calcium salt complex with urea.

carbaspirin calcium; carbasalate calcium; acetylsalicylic acid calcium salt complex with urea; urea calcium acetylsalicylate; carbaspirin calcium; Alcacyl; Calurin; Solupsan. Analgesic; antipyretic; anti-inflammatory. Dec 243-245°; soluble in H_2O (231 mg/ml at 37°); pH = 4.8. *Lee Labs.***526 Capsaicin**

404-86-4 1811 206-969-8

 $C_{18}H_{27}NO_3$

(E)-N-[(4-Hydroxy-3-methoxyphenyl)-methyl]-8-methyl-6-nonenamide.

trans-8-methyl-N-vanillyl-6-nonenamide; N-(4-hydroxy-3-methoxybenzyl)-8-methylnon-trans-6-enamide; Axsain; Mioton; Zostrix. Topical analgesic. Also used in neurobiological research. Pepper principle in (e.g.) capsicum. mp = 65°; bp_{0.01} = 210-220°; λ_m = 227, 281 nm (ϵ = 7000, 2500); insoluble in H_2O ; soluble in organic solvents.**527 Capsicum**

84603-55-4 1769 283-256-8

Cayenne Pepper.

Topical counterirritant (veterinary); carminative and stomachic (veterinary). Dried fruit of *Capsicum frutescens* L. *Solanaceae* or *Capsicum Annuum*.**528 Carbamepazine**

298-46-4 1826 206-062-7

 $C_{15}H_{12}N_2O$

5H-Dibenz[b,f]azepine-5-carboxamine.

G-32883; Biston; Calepsin; Carbelan; Epitol; Finlepsin; Sirtal; Stazepine; Tegretal; Tegretol; Telesmin; Timonil. Analgesic; anticonvulsant. mp = 190-193°; Soluble in alcohol, Me₂CO, propylene glycol; nearly insoluble in H₂O; LD₅₀ (mus orl) = 3750 mg/kg, (rat orl) = 4025 mg/kg. *Ciba-Geigy Corp.; Lemmon Co.*

529 Carbiphene

15687-16-8 1846

C₂₈H₃₄N₂O₂
2-Ethoxy-N-methyl-N-[2-(methylphenethylamino)ethyl]-2,2-diphenylacetamide.
etomide; etymide. Analgesic. *Bristol-Myers Squibb Co.*

530 Carbiphene Hydrochloride

467-22-1 1846

C₂₈H₃₅ClN₂O₂
2-Ethoxy-N-methyl-N-[2-(methylphenethylamino)ethyl]-2,2-diphenylacetamide monohydrochloride.
SQ-10269; NSC-106959; Bandol; Jubalon. Analgesic. mp = 163-165°. *Bristol-Myers Squibb Co.*

531 Carsalam

2037-95-8 1915

C₅H₈NO₃
2H-1,3-Benzoxazine-2,4(3H)-dione.
caronylsalicylamide; CSA; Beaprine. Analgesic. mp = 229-230°.

532 Chlorthenoxazine

132-89-8 2247 205-082-3

C₁₀H₁₀ClNO₂
2-(2-Chloroethyl)-2,3-dihydro-4H-dihydro-4H-1,3-benzoxazin-4-one.
chlorthenoxazin; AP-67; Apirazin; Ossapirina; Ossazone; Piroxina; Reumagrip; Valmorin; Valtorin; component of: Trigatan, Fiobrol. Antipyretic, analgesic. mp = 146-147° (dec); λ_m = 297.5 nm; soluble in CHCl₃.

533 Choline Salicylate

2016-36-6 2265 217-948-8

C₁₂H₁₉NO₄
2-(Hydroxyethyl)trimethylammonium salicylate.
choline salicylic acid salt; salicylic acid choline salt; Actasal; Arthropan; Artrobione; Audax; Mundisal. Analgesic; antipyretic. 527 mp = 49-50°; soluble in H₂O, polar organic solvents, insoluble in non-polar organic solvents.

534 Cinchophen

132-60-5 2347 205-067-1

C₁₆H₁₁NO₂
2-Phenylquinoline-4-carboxylic acid.
2-phenylcinchoninic acid; Agotan; Alutyo; Artam; Atocin; Atophan; Cinconal; Mylofanol; Phenoquin; Polyphlogin; Quinofen; Quinophan; Rheumatan; Rheumin; Tophol; Tophosan; Vantyl; Viophan. Quinoline derivative formerly used in treatment of chronic gout. Used experimentally to induce ulcers. Formerly used as an analgesic. mp = 213-216°; nearly insoluble in H₂O; more soluble in CHCl₃ (0.25 g/100 ml), Et₂O (1 g/100 ml), alcohol (0.83 g/100 ml). *Parke-Davis.*

535 Ciprofadol

59889-36-0

C₁₉H₂₇NO

(-)-m-[2-(Cyclopropylmethyl)-1,3,4,5,6,7,8,8α-octahydro-4aβ(2H)-isoquinolyl]phenol.
Analgesic. *Eli Lilly & Co.*

536 Ciprofadol Succinate

60719-85-9

C₂₃H₃₃NO₅
(-)-m-[2-(Cyclopropylmethyl)-1,3,4,5,6,7,8,8α-octahydro-4aβ(2H)-isoquinolyl]phenol succinate (1:1).
Compound 112878. Analgesic. *Eli Lilly & Co.*

537 Ciramadol

63269-31-8 2375

C₁₅H₂₃NO₂
(-)-(1R,2R)-2-[(R)-α-(Dimethylamino)-m-hydroxybenzyl]cyclohexanol.
WY-15705. Analgesic. mp = 191-193°; [α]_D²⁵ = -46.92° (c = 1.061 MeOH). *Wyeth Labs.; American Home Products.*

538 Ciramadol Hydrochloride

63323-46-6 2375

C₁₅H₂₄ClNO₂
(-)-(1R,2R)-2-[(R)-α-(Dimethylamino)-m-hydroxybenzyl]cyclohexanol hydrochloride.
WY-15705 HCl; Ciradol. Analgesic. mp = 255-257°; [α]_D²⁵ = -15.31° (c = 1.067 MeOH). *Wyeth Labs.; American Home Products.*

539 Clometacin

25803-14-9 2443 247-271-3

C₁₉H₁₆ClNO₄
3-(p-Chlorobenzoyl)-6-methoxy-2-methylindole-1-acetic acid.
clometazin; mindolic acid; R-3959; C-1656; Dupéran. Analgesic. mp = 242°. *Roussel-UCLAF.*

540 Clonixeril

21829-22-1

C₁₆H₁₇ClN₂O₄
2,3-Dihydroxypropyl 2-(3-chloro-o-toluidino)nicotinate.
Sch-12707. Analgesic. *Schering Corp.*

541 Clonixin

17737-65-4 2453 241-730-1

C₁₃H₁₁ClN₂O₂
4-Chloro-N-(2,6-dimethylpiperidino)-3-sulfamoylbenzamide.
clonixic acid; CBA-93626; Sch-10304. Analgesic. mp = 233-235°; LD₅₀ (mus orl) = 415 mg/kg, (mus ip) = 198 mg/kg, (mus sc) = 296 mg/kg. *Schering Corp.*

542 Clonixin Lysine Salt

55837-30-4 2453

C₁₉H₂₅ClN₄O₄
4-Chloro-N-(2,6-dimethylpiperidino)-3-sulfamoylbenzamide lysine salt.
L-104; Clonix; Deltar; Dolagial; Dorixina. Analgesic. *Schering Corp.*

543 Cloracetadol

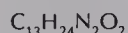
15687-05-5 239-776-2

C₁₀H₁₀Cl₃NO₃
N-[4-(2,2,2-Trichloro-1-hydroxyethoxy)phenyl]-acetamide.

Analgesic and antipyretic.

544 Cropropamide

633-47-6 2659 211-193-8

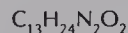


N-[1-(Dimethylcarbonylpropyl)-N-propylcrotonamide.

Analgesic. bp_{0.25} = 128-130°; soluble in H₂O, Et₂O. *Ciba-Geigy Corp.*

545 Cropropamide [E]

3544-46-5

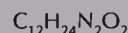


N-[1-(Dimethylcarbamoyl)propyl]-N-propylcrotonamide.

Analgesic. *Ciba-Geigy Corp.*

546 Crotetamide

6168-76-9 2662 228-208-9

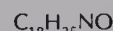


N-(1-Dimethylcarbamoylpropyl)-N-ethylcrotonamide.

crotetamide. Analgesic. bp_{0.03} = 132-134°; soluble in H₂O, Et₂O. *Ciba-Geigy Corp.*

547 Cyclazocine

3572-80-3 2773 222-689-9



3-(Cyclopropylmethyl)-1,2,3,4,5,6-hexahydro-6,11-dimethyl-2,6-Methano-3-benzazocin-8-ol.

NSC-107429; Win-20740. Analgesic; narcotic antagonist. Analgesic with mixed narcotic agonist-antagonist properties. mp = 210-204°. *Sterling Winthrop, Inc.*

548 Delmetacin

16401-80-2



1-Benzoyl-2-methylindole-3-acetic acid.

Antiinflammatory, antipyretic, analgesic.

549 Denaverine

3579-62-2

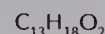


2-(Dimethylamino)ethyl (2-ethylbutoxy)diphenylacetate.

Analgesic.

550 Dexibuprofen

51146-56-6 4925



(+)-(S)-p-Isobutylhydratropic acid.

Analgesic; anti-inflammatory. Cyclooxygenase inhibitor. *Merck & Co., Inc.*

551 Dexibuprofen Lysine

141505-32-0 4925

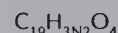


(+)-(S)-p-Isobutylhydratropic acid L-lysine salt monohydrate.

S-form of ibuprofen L-lysine salt; ML-223. Analgesic; anti-inflammatory. Cyclooxygenase inhibitor. *Merck & Co., Inc.*

552 Dexibuprofen Lysine [anhydrous]

113403-10-4 4925



(+)-(S)-p-Isobutylhydratropic acid L-lysine salt.

L-669445. Analgesic; anti-inflammatory. Cyclooxygenase

inhibitor. *Merck & Co., Inc.*

553 Dexindoprofen

53086-13-8 4999 258-351-2

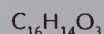


(+)-(S)-p-(1-Oxo-2-isoindoliny)hydratropic acid.

(+)-form indoprofen; Nedium. Analgesic; anti-inflammatory. mp = 205-207°; [α]_D²⁰ = +48° (c = 0.05 DMSO); LD₅₀ (rat iv) = 31.98 mg/kg, (rat orl) = 33.75 mg/kg. *Chugai Pharmaceutical Co., Ltd.*

554 Dexketoprofen

22161-81-5

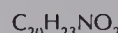


(S)-2-(3-Benzoylphenyl)propionic acid.

Analgesic.

555 Dexoxadrol

4741-41-7



(+)-2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine.

Analgesic; stimulant (central nervous system). *Upjohn Ltd.*

556 Dexoxadrol Hydrochloride

631-06-1



(+)-2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine hydrochloride.

CL-911C; NSC-526062; U-2259A. Analgesic; stimulant (central nervous system). *Upjohn Ltd.*

557 Dexpemedolac

114030-44-3



(1S,4R)-4-Benzyl-1-ethyl-1,3,4,9-tetrahydropyrano[3,4-b]indole-1-acetic acid.

WAY-PEM-420. Analgesic. *Wyeth-Ayerst Labs.*

558 Diacetamate

2623-33-8

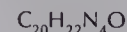


4-Acetamidophenyl acetate.

Analgesic.

559 Difenamizole

20170-20-1 3181



2-(Dimethylamino)-N-(1,3-diphenylpyrazol-5-yl)propionamide.

AP-14; Pasalin. Analgesic; anti-inflammatory. mp = 123-128°, 120-122°; soluble in Me₂CO, CHCl₃, C₆H₆; nearly insoluble in H₂O; LD₅₀ (mus iv) = 103 mg/kg, (mus ip) = 186 mg/kg, (mus sc) = 525 mg/kg, (mus orl) = 560 mg/kg. *Takeda.*

560 Diflunisal

22494-42-4 3190 245-034-9



2',4'-Difluoro-4-hydroxy-3-biphenylcarboxylic acid.

MK-647; Adomal; Difludol; Dolisal; Dolobid; Dolobis; Flovacil; Fluniget; Fluodonil; Flustar. Analgesic; anti-inflammatory. mp = 210-211°; sparingly soluble in H₂O; LD₅₀ (fmus orl) = 439 mg/kg. *E. Merck.*

561 Dihydroxyaluminum Acetylsalicylate

53230-06-1

3226

 $C_9H_9AlO_6$

Dihydroxy(acetylsalicylato)aluminum.
dihydroxyaluminum aspirin. Analgesic; antipyretic. May contain one or more molecules of $Al(OH)_3$. Stable in aqueous suspension at neutral pH; dec below pH 4. *Keystone Chemurgic*.

562 Dimefadane

5581-40-8

 $C_{17}H_{19}N$

N,N-Dimethyl-3-phenyl-1-indanamine.

SKF-1340. Analgesic. *SmithKline Beecham Pharmaceuticals*.

563 Dipyrocytl

486-79-3

3413

207-641-7

 $C_{11}H_{10}O_6$

2,3-Bis(acetyloxy)benzoic acid.

2,3-diacetoxybenzoic acid; Artromialgina; Movirene. Analgesic; antipyretic. mp = 148-150°, 146-170°; soluble in organic solvents; nearly insoluble in H_2O . *Hoechst-Roussel Pharmaceuticals Inc.*

564 Dipyrone

5907-38-0

3414

 $C_{13}H_{18}N_3NaO_5S$

Sodium (antipyrinylmethylamino)methanesulfonate monohydrate.

methylmelubrin; methampyrone; metamizol; analgin; sulpyrin; Alginodia; Algocalmin; Bonpyrin; Conmel; Divarine; Dolazon; D-Pron; Dya-Tron; Espyre; Farmolisina; Feverall; Fevonil; Keypyrone; Metilon; Minalgin; Narone; Nartate; Nevralgina; Nolotil; Novacid. Analgesic; antipyretic. Soluble in H_2O ; less soluble in EtOH; nearly insoluble in Et_2O , Me_2CO , C_6H_6 , $CHCl_3$. *Hoechst-Roussel Pharmaceuticals Inc.; Farmitalia, Societa Farmaceutici; Sterling Winthrop, Inc.*

565 Dipyrone [anhydrous]

68-89-3

3414

 $C_{13}H_{16}N_3NaO_4S$

Sodium (antipyrinylmethylamino)methanesulfonate.

Analgesic; antipyretic. *Hoechst-Roussel Pharmaceuticals Inc.; Farmitalia, Societa Farmaceutici; Sterling Winthrop, Inc.*

566 Dipyrone Magnesium Salt

6150-97-6

3414

 $C_{26}H_{32}MgN_6NaO_8S_2$

Sodium (antipyrinylmethylamino)methanesulfonate magnesium salt (2:1).

Magnopyrol. Analgesic; antipyretic. *Hoechst-Roussel Pharmaceuticals Inc.; Farmitalia, Societa Farmaceutici; Sterling Winthrop, Inc.*

567 Doxpicomine

62904-71-6

 $C_{12}H_{18}N_2O_2$

(-)-3-[(Dimethylamino)-m-dioxan-5-ylmethyl]pyridine. doxpicodin. Analgesic.

568 Doxpicomine Hydrochloride

69494-04-8

 $C_{12}H_{19}ClN_2O_2$

(-)-3-[(Dimethylamino)-m-dioxan-5-ylmethyl]pyridine monohydrochloride.

LY-108380; doxpicodin hydrochloride. Analgesic. *Eli Lilly & Co.*

569 Drinidene

53394-92-6

 $C_{10}H_9NO$

2-(Aminomethylene)-1-indanone.

CP-224877. Analgesic. *Pfizer Inc.***570 Emorfazone**

38957-41-4

3603

254-220-9

 $C_{11}H_{17}N_3O_3$

4-Ethoxy-2-methyl-5-(4-morpholinyl)-3(2H)-pyridazinone.

M-73101; Nandron; Pentoyl. Anti-inflammatory; analgesic. mp = 89-91°; LD_{50} (mus ip) = 700 mg/kg. *Robert et Carriere*.

571 Enadoline

124378-77-4

 $C_{24}H_{32}N_2O_3$

N-Methyl-N-[(5R,7S,8S)-7-(1-pyrrolidinyl-1-oxaspiro[4.5]-dec-8-yl)-4-benzofuranacetamide.

Analgesic. *Parke-Davis*.**572 Enadoline Hydrochloride**

124439-07-2

 $C_{24}H_{33}ClN_2O_3$

N-Methyl-N-[(5R,7S,8S)-7-(1-pyrrolidinyl-1-oxaspiro[4.5]-dec-8-yl)-4-benzofuranacetamide chloride.

Cl-977. Analgesic. *Parke-Davis*.**573 Enfenamic Acid**

23049-93-6

3620

 $C_{15}H_{15}NO_2$

N-Phenethylanthranilic acid.

RH-8; Tromaril. Anti-inflammatory; analgesic. mp = 116-117°; insoluble in H_2O ; LD_{50} (mus ip) = 575 mg/kg, (mus orl) > 2000 mg/kg. *Council of Scientific and Industrial Research*.

574 Epirizole

18694-40-1

3659

242-507-1

 $C_{11}H_{14}N_4O_2$

4-Methoxy-2-(5-methoxy-3-methylpyrazol-1-yl)-6-methylpyrimidine.

mepirizole; DA-398; Mebron. Analgesic; anti-inflammatory; antipyretic. mp = 90-92°; slightly soluble in H_2O ; soluble in dilute acids, EtOH, C_6H_6 , dichloroethan, Et_2O , Me_2CO ; LD_{50} (mus orl) = 820 mg/kg. *Daiichi Pharmaceutical Corp.*

575 Ergotamine

113-15-5

3703

204-023-9

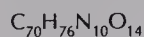
 $C_{33}H_{35}N_5O_2$ 12'-Hydroxy-2'-methyl-5' α -(phenylmethyl)ergotaman-3',6',18-trione.

Antimigrane. A dark colored fungus, which attacks damp rye and other grasses, and which, when contained in flour, causes ergotism. It is a mixture of alkaloids used in medicine as a vasoconstrictor. Dec 212-214°; $[\alpha]_D^{20}$ = -160° (in $CHCl_3$); soluble in alcohol, Me_2CO , $CHCl_3$, C_5H_5N ; glacial AcOH; moderately soluble in EtOAc;

slightly soluble in C_6H_6 ; nearly insoluble in H_2O , petroleum ether. *3M Pharmaceuticals; Fisons plc, Pharmaceuticals Div.; Organon Inc.; Parke-Davis; Sandoz Pharmaceuticals Corp.*

576 Ergotamine Succinate

379-79-3 3703

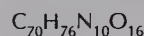


12'-Hydroxy-2'-methyl-5' α -(phenylmethyl)ergotaman-3',6',18-trione succinate.

Ergoton-A. Antimigraine. *3M Pharmaceuticals; Fisons plc, Pharmaceuticals Div.; Organon Inc.; Parke-Davis; Sandoz Pharmaceuticals Corp.*

577 Ergotamine Tartrate

379-79-3 3703 206-835-9

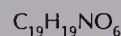


12'-Hydroxy-2'-methyl-5' α -(phenylmethyl)ergotaman-3',6',18-trione [R-(R*,R*)]-2,3-dihydroxybutanedioate (2:1) salt.

Ergate; Ergomar; Ergostat; Ergotartrat; Exmigma; Femergin; Gynergin; Lingraine; Lingran. Antimigraine. mp = 203° (dec); $[\alpha]_D^{25} = -125$ to -155° (c = 0.4 $CHCl_3$); soluble in H_2O (2 mg/ml), EtOH; LD₅₀ (rat iv) = 80 mg/kg. *3M Pharmaceuticals; Fisons plc, Pharmaceuticals Div.; Organon Inc.; Parke-Davis; Sandoz Pharmaceuticals Corp.*

578 Etersalate

62992-61-4 3759 263-780-3

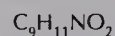


2-(Acetyloxy)benzoic acid 2-[4-(acetylamino)phenoxy]-ethyl ester.

eterilate; etherylate; Daital. Analgesic; anti-inflammatory; antipyretic. Derivative of aspirin. mp = 139-141°; LD₁₀ (rat orl) = 7000 mg/kg.

579 Ethenzamide

938-73-8 3776 213-346-4

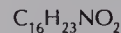


2-Ethoxybenzamide.

ethbenzamide; salicylamide; o-ethyl ether; Lucamide; Protopyrin; Trancalgyl. Analgesic. mp = 132-134°; LD₅₀ (mus orl) = 1160 mg/kg.

580 Ethoheptazine

77-15-6 3789 201-007-3

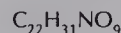


Ethyl hexahydro-1-methyl-4-phenyl-1H-azepine-4-carboxylate.

ethyl heptazine; WY-401. Analgesic. Liquid; bp₁ = 133-134°; $d_4^{26} = 1.038$; $n_D^{26} = 1.5220$. *American Home Products.*

581 Ethoheptazine Citrate

2085-42-9 3789



Ethyl hexahydro-1-methyl-4-phenyl-1H-azepine-4-carboxylate citrate (1:1).

Zactane. Analgesic. *American Home Products.*

582 Ethoxazene

94-10-0 3796



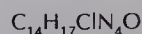
4-[(p-Ethoxyphenyl)azo]-m-phenylenediamine.

SN-612; Carmurit; Cystural. Analgesic. *Bristol-Myers*

Squibb Co.

583 Ethoxazene Hydrochloride

2313-87-3 3796

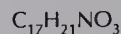


4-[(p-Ethoxyphenyl)azo]-m-phenylenediamine chloride.

SQ-2128; NSC-7214; Serenium. Analgesic. Insoluble in H_2O . *Bristol-Myers Squibb Co.*

584 Etodolac

41340-25-4 3920



1,8-Diethyl-1,3,4,9-tetrahydropyranol[3,4-b]indole-1-acetic acid.

etodolic acid; AY-24236; Edolan; Lodine; Ramodar; Tedolan; Ultradol; Zedolac. Anti-inflammatory; analgesic. mp = 145-148°. *American Home Products; Wyeth-Ayerst Labs.*

585 Etofenamate

30544-47-9 3922 250-231-8



2-(2-Hydroxyethoxy)ethyl-N-(α,α,α -trifluoro-m-tolyl)anthranilate.

B-577; Bay-d-1107; TV-485; WHR-5020; Bayrogel; Glasel; Rheumon gel; Traumon Gel. Anti-inflammatory; analgesic. Percutaneously active antiphlogistic agent. Viscous oil; thermolabile at 180°; bp_{0.001} = 130-135°; $\lambda_m = 286$ nm ($E_{1cm}^{1\%}$ 423 MeOH); soluble in lower alcs, organic solvents; barely soluble in H_2O (0.16 mg/100 ml at 22°); LD₅₀ (mrat orl) = 292 mg/kg, (frat orl) = 470 mg/kg, (mrat iv) = 140 mg/kg, (mrat ip) = 373 mg/kg, (mrat sc) = 643 mg/kg. *Farbenfabriken Bayer AG; Troponwerke Dinklage.*

586 Fampridine

504-24-5 3974 207-987-9

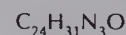


4-Aminopyridine.

Analgesic, antimigraine. mp = 158-159°; soluble in H_2O , EtOH, less soluble in non-polar organic solvents.

587 Famprofazone

22881-35-2

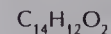


3-(N, α -Dimethylphenethylaminomethyl)-4-isopropyl-2-methyl-1-phenyl-3-pyrazolin-5-one.

component of: Gewodin. Analgesic.

588 Felbinac

5728-52-9 3989 227-233-2

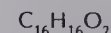


4-Biphenylacetic acid.

CL-83544; L-141; LJC-10141; BPAA; Napageln; Traxam. Anti-inflammatory; analgesic. Metabolite of fenbufen. mp = 164-165°; LD₅₀ = 164 mg/kg. *Lederle Labs.*

589 Felbinac Ethyl Ester

14062-23-8 3989

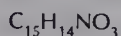


4-Biphenylacetic acid ethyl ester.

LM-001; Diatec. Anti-inflammatory; analgesic. *Lederle Labs.*

590 Fenopropfen

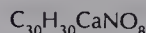
31879-05-7 4021 250-850-3



(±)-m-Phenoxyhydratropic acid.

Lilly-53858. Anti-inflammatory; analgesic. Oil; $bp_{0.11} = 168-171^\circ$; $n_D^{25} = 1.5742$; $pK_a = 7.3$. *Eli Lilly & Co.***591 Fenopropfen Calcium**

53746-45-5 4021



(±)-m-Phenoxyhydratropate dihydrate.

Lilly-69323; Fenopron; Fepron; Feprona; Nalfon; Nalgescic; Progesic. Anti-inflammatory; analgesic. Soluble in H_2O (2.5 mg/ml), EtOH, less soluble in organic solvents; LD_{50} (mus orl) = 800 mg/kg. *Eli Lilly & Co.***592 Filenadol**

78168-92-0

(±)-Erythro- α -methyl- β -[3,4-(methylenedioxy)phenyl]-4-morpholineethanol.

Analgesic.

593 Floctafenine

23779-99-9 4140 245-881-4



2,3-Dihydroxypropyl N-[8-(trifluoromethyl)-4-quinolyl]-anthranilate.

R-4138; RU-15750; Diralgan; Idalon; Idarac; Novodolan. Analgesic. mp = $179-180^\circ$; soluble in alcohol, Me_2CO ; slightly soluble in Et_2O , $CHCl_3$, methylene chloride; insoluble in H_2O ; LD_{50} (mmus orl) = 3400 mg/kg, (mrat orl) = 960 mg/kg, (mmus iv) = 180 mg/kg, (mrat iv) = 160 mg/kg.**594 Flufenamic Acid**

530-78-9 4167 208-494-1

N-(α,α,α -Trifluoro-m-tolyl)anthranilate.CI-440; CN-27544; INF-1837; NSC-82699; Achless; Ansatin; Arlef; Fullsafe; Meralen; Paraflu; Parlef; Ristogen; Sastridex; Surika; Tecramine. Anti-inflammatory; analgesic. mp = 125° ; LD_{50} (mus orl) = 715 mg/kg. *Parke-Davis.***595 Flufenamic Acid Aluminum Salt**

61891-34-7 4167

N-(α,α,α -Trifluoro-m-tolyl)anthranilate aluminum salt (3:1).aluminum flufenamate; Alfenamin; Opyrin. Anti-inflammatory; analgesic. *Parke-Davis.***596 Flufenamic Acid Butyl Ester**

67330-25-0 4167

N-(α,α,α -Trifluoro-m-tolyl)anthranilate butyl ester.Fenazol; Combec. Anti-inflammatory; analgesic. *Parke-Davis.***597 Flufenisal**

22494-27-5



4'-Fluoro-4-hydroxy-3-biphenylcarboxylic acid acetate.

Analgesic. *Merck & Co., Inc.***598 Flunixin**

38677-85-9 4182



2-(2-Methyl-3-trifluoromethylanilino)nicotinic acid.

Sch-14714. Analgesic; anti-inflammatory; antipyretic. Cyclooxygenase inhibitor. mp = $226-228^\circ$; $pK_a' = 5.28$. *Schering Corp.***599 Flunixin Meglumine**

42461-84-7 4182 255-836-0



2-(2-Methyl-3-trifluoromethylanilino)nicotinic acid compound with 1-deoxy-1-(methylamino)-D-glucitol (1:1).

Banamine; Finadyne. Analgesic; anti-inflammatory; antipyretic. Cyclooxygenase inhibitor. mp = $135-139^\circ$; soluble in H_2O . *Schering Corp.***600 Fluoresone**

2924-67-6 4197 220-889-0



Ethyl p-fluorophenyl sulfone.

Bripadon; Caducid. Anticonvulsant; analgesic; anxiolytic. mp = 41° ; LD_{50} (mus orl) reported as 542-2500 mg/kg.**601 Flupirtine**

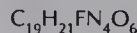
56995-20-1 4227 260-503-8



[2-Amino-6-[[[4-fluorophenyl)methyl]amino]-3-pyridinyl]carbamic acid ethyl ester.

D-9998. Analgesic (CNS). Substituted pyridine with central analgesic properties. mp = $115-116^\circ$; LD_{50} (mus orl) = 617 mg/kg, (rat orl) = 1660 mg/kg. *Degussa AG; Carter-Wallace.***602 Flupirtine Maleate**

75507-68-5 4227



[2-Amino-6-[[[4-fluorophenyl)methyl]amino]-3-pyridinyl]carbamate maleate (1:1).

W-2964M; Katadolon. Analgesic (CNS). mp = $175.5-176^\circ$. *Degussa AG; Carter-Wallace.***603 Fluproquazone**

40507-23-1 4230



4-(p-Fluorophenyl)-1-isopropyl-7-methyl-2(1H)-quinazolinone.

46-790; Tormosyl. Analgesic. Fluoro analog of proquazone. mp = $172-174^\circ$; LD_{50} (mus orl) > 5000 mg/kg, (rat orl) > 3000 mg/kg, (rbt orl) = 742 mg/kg. *Sandoz Pharmaceuticals Corp.***604 Fluradoline**

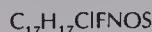
71316-84-2



2-[(8-Fluorodibenz[b,f]oxepin-10-yl)thio]-N-methylethylamine.

Analgesic. *Hoechst-Roussel Pharmaceuticals Inc.***605 Fluradoline Hydrochloride**

77590-97-7



2-[(8-Fluorodibenz[b,f]oxepin-10-yl)thio]-N-

methylethylamine hydrochloride.

HP-494; P-76-2494A. Analgesic. *Hoechst-Roussel Pharmaceuticals Inc.*

606 Flurbiprofen

5104-49-4 4234 225-827-6

$C_{15}H_{13}FO_2$

2-Fluoro- α -methyl[1,1'-biphenyl]-4-acetic acid.

8TS-18322; U-27182; Adfeed; Ansaid; Antadys; Cebutid; Froben; Flurofen; Ocufer; Stayban; Zepolas. Anti-inflammatory; analgesic. mp = 110-111°. *Boots Pharmaceuticals Inc.; Upjohn Ltd.; C.M. Industries.*

607 Fosfosal

6064-83-1 4281 227-993-5

$C_7H_6O_6P$

Salicylic acid dihydrogen phosphate.

salicyl phosphate; UR-1521; Disdolen. Analgesic. Salicylic acid derivative. mp = 168-170°; soluble in H_2O , EtOH, Me_2CO ; insoluble in nonpolar organic solvents; LD₅₀ (mmus iv) = 94 mg/kg, (mmus ip) = 352 mg/kg, (mmus iv) = 117 mg/kg, (mmus orl) = 1702 mg/kg.

608 Gentisic Acid

490-79-9 4404 207-718-5

$C_7H_6O_4$

2,5-Dihydroxybenzoic acid.

5-hydroxysalicylic acid. Analgesic; anti-inflammatory. Occurs in gentian root. mp = 199-200°; pK (25°) = 2.93; soluble in H_2O (1 part in 200 at 5°), alcohol, Et₂O; nearly insoluble in carbon disulfide, $CHCl_3$, C_6H_6 . *Monsanto Co.; Schering AG.*

609 Gentisic Acid Sodium Salt

4955-90-2 4404 207-718-5

$C_7H_5NaO_4$

2,5-Dihydroxybenzoic acid sodium salt.

sodium gentisate; Gentinat; Gentisod; Legential; Gentisine UC8. Analgesic; anti-inflammatory. Soluble in H_2O . *Monsanto Co.; Schering AG.*

610 Glafenine

3820-67-5 4443 223-315-7

$C_{19}H_{17}ClN_2O_2$

2,3-Dihydroxypropyl N-(7-chloro-4-quinolinyl)anthranilate.

glycerylaminophenaquine; glafenine; R-1707; Glifan; Glifanan; Privadol. Analgesic. mp = 165-170°; nearly insoluble in H_2O ; slightly soluble in absolute alcohol; Me_2CO , Et₂O, C_6H_6 , $CHCl_3$; soluble in dilute alkalies and acids; pKa (20°) = 7.2; λ_m = 356, 225, 255 (MeOH); LD₅₀ (mus orl) > 2000 mg/kg. *Roussel-UCLAF.*

611 Guacetisal

55482-89-8 886 259-663-1

$C_{16}H_{14}O_5$

2-(Acetyloxy)benzoic acid 2-methoxyphenyl ester.

8roncaspin; Guaiaspir. Analgesic; antipyretic; anti-inflammatory.

612 Ibufenac

1553-60-2 4924 216-302-2

$C_{12}H_{16}O_2$

4-(2-Methylpropyl)benzeneacetic acid.

RD-11654; Dytransin; Ibunac. Analgesic; anti-inflammatory. mp = 85-87°; slightly soluble in H_2O ; soluble in organic solvents; LD₅₀ (mus orl) = 1800 mg/kg. *Boots Pharmaceuticals Inc.*

613 Imidazole Salicylate

36364-49-5 4949

$C_{10}H_{10}N_2O_3$

Salicylic acid compound with imidazole (1:1).

salizolo; IFT-182; Flogozen; Selezen. Anti-inflammatory; analgesic; antipyretic. Also used in heat-sensitive copying materials. mp = 123-124°; λ_m = 300 mn ($E_{1cm}^{1\%}$ 182.5); soluble in H_2O (>100 mg/ml); LD₅₀ (mmus sc) = 763 mg/kg, (mmus iv) = 422 mg/kg, (mmus orl) = 1121 mg/kg. *Italfarmaco.*

614 Indomethacin

53-86-1 4998 200-186-5

$C_{19}H_{16}ClNO_4$

1-(p-Chlorobenzoyl)-5-methoxy-2-methylindol-3-acetic acid.

Amuno; Argun; Artracin; Artrinovo; 8onidin; Catlep; Chibro-Amuno; Chrono-Indicid; Confortid; Dolcidium; Durametacin; Elmetacin; Idomethine; Imbrilon; Inacid; Indacin; Indocid; Indocin; Indomed; Indomee; Indomethine; Indomod; Indo-Phlogont; Indoptic; Indop; Liometacen [meglumine salt]. Anti-inflammatory; analgesic; antipyretic. mp = 155-162°; λ_m = 230, 260, 319 mn (ϵ 10800, 16200, 6290 EtOH); pKa = 4.5; soluble in EtOH, Et₂O, Me_2CO , castor oil; nearly insoluble in H_2O ; decomposes in strong alkali; LD₅₀ (rat ip) = 13 mg/kg. *Lemmon Co.; Merck & Co., Inc.; Gruppo Lepetit S.p.A.; Sumitomo.*

615 Indomethacin Sodium Trihydrate

74252-25-8 4998

$C_{19}H_{21}ClNNaO_7$

Sodium 1-(p-chlorobenzoyl)-5-methoxy-2-methylindol-3-acetic acid trihydrate.

Indocin IV; Osmosin. Anti-inflammatory; analgesic; antipyretic. pH (1% aqueous solution) = 8.4; soluble in MeOH, H_2O ; slightly soluble in $CHCl_3$, Me_2CO . *Merck & Co., Inc.*

616 Indoprofen

31842-01-0 4999 250-833-0

$C_{17}H_{15}NO_3$

p-(1-Oxo-2-isindolinyl)hydratropic acid.

IPP; K-4277; 8or-ind; Flosin; Flosint; Isindone; Praxis; Reumofene. Analgesic; anti-inflammatory. mp = 213-214°; LD₅₀ (rat orl) = 61 mg/kg. *Farmitalia Carlo Erba SpA.*

617 Ipsalazide

80573-03-1

$C_{16}H_{13}N_3O_6$

(E)-p-[(3-Carboxy-4-hydroxyphenyl)azo]hippuric acid.

Analgesic, used to treat inflammatory bowel disease.

618 Isofezolac

50270-33-2 5188 256-512-1

$C_{23}H_{18}N_2O_2$

1,3,4-Triphenylpyrazole-5-acetic acid.

LM-22102; Sofenac. Anti-inflammatory; analgesic; antipyretic. Prostaglandin synthetase inhibitor. mp = 200°;

LD₅₀ (mus orl) = 215 mg/kg, (rat orl) = 13 mg/kg.

619 Isoladol

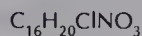
530-34-7 5194



2-Amino-1,2-bis(p-methoxyphenyl)ethanol.
isodianiolyethanolamine; di-p-methoxyphenylhydroxy-
ethylamine; Evadol. Analgesic. [dl-form]: mp = 135.5°;
[l-form]: mp = 111-112°; soluble in EtOAc; $[\alpha]_D^{20}$ = -150°
(c = 0.952 absolute alcohol).

620 Isoladol Hydrochloride

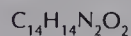
5194



2-Amino-1,2-bis(p-methoxyphenyl)ethanol
hydrochloride.
LC-2 [dl-form]; Evacilin [dl-form]. Analgesic. [dl-form]:
dec $\cong$ 200°; [l-form]: dec 188-190°; soluble in H₂O; $[\alpha]_D^{20}$
= -99.0° (c = 0.5805); soluble in H₂O.

621 Isonixin

57021-61-1 5209 260-521-6



2-Hydroxy-2',6'-nicotinoxyldide.
Nixyn. Analgesic; anti-inflammatory. mp = 266-267°;
soluble in CHCl₃, strong alkali; nearly insoluble in acids,
H₂O; LD₅₀ (male mus orl) >7000 mg/kg, (mus, rat ip) >
2000 mg/kg. *Hermes (GB) Ltd.*

622 Isoprazone

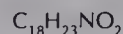
56463-68-4



1-(4-Amino-2-methyl-5-phenylpyrrol-3-yl)-2-methyl-1-
propanone.
Analgesic, antipyretic.

623 Ketazocine

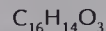
36292-69-0



(2R*,6S*,11S*)-3-(Cyclopropylmethyl)-3,4,5,6-tetrahydro-
8-hydroxy-6,11-dimethyl-2,6-methano-3-benzazocin-
1(2H)-one.
Win-34276. Analgesic. *Sterling Winthrop, Inc.*

624 Ketoprofen

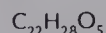
22071-15-4 5316 244-759-8



m-Benzoylhydratropic acid.
RP-19583; Alrheumat; Alrheumun; Capisten; Dexal;
Epatec; Fastum; Iso-K; Kefenid; Ketopron; Lertus;
Menamin; Meprofen; Orudis; Orugesic; Oruvail; Oscorel;
Profenid; Toprec; Toprek. Anti-inflammatory; analgesic.
mp = 94°; λ_m = 255 nm (log ϵ 4.33 MeOH); soluble in
Et₂O, alc, Me₂CO, CHCl₃, DMF, EtOAc; slightly soluble
in H₂O; LD₅₀ (rat orl) = 101 mg/kg. *Rhône-Poulenc Rorer
Pharmaceuticals Inc.; Wyeth-Ayerst Labs.*

625 Ketoprofen Lysine Salt

57469-78-0 5316



m-Benzoylhydratropic acid lysine salt.
Artrosilene. Anti-inflammatory; analgesic. *Rhône-Poulenc
Rorer Pharmaceuticals Inc.; Wyeth-Ayerst Labs.*

626 Ketorfanol

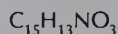
79798-39-3



17-(Cyclopropylmethyl)-4-hydromorphinan-6-one.
SBW-22. Analgesic.

627 Ketorolac

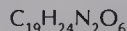
74103-06-3 5318



(±)-5-Benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylic
acid.
RS-37619. Analgesic; anti-inflammatory. Prostaglandin
biosynthesis inhibitor. mp = 160-161°; λ_m = 245, 312 nm
(ϵ 7080, 17400 MeOH); pKa = 3.5; LD₅₀ (mus orl) $\cong$ 200
mg/kg. *Merck & Co., Inc.; Syntex Labs. Inc.*

628 Ketorolac Tromethamine

74103-07-4 5318



(±)-5-Benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylic
acid compound with 2-amino-2-(hydroxymethyl)-1,3-
propanediol (1:1).
Acular; Dolac; Lixidol; Tarazyn; Toradol; Toratex.
Analgesic; anti-inflammatory. *Syntex Labs. Inc.*

629 p-Lactophenetide

539-08-2 5355 208-708-3



N-(4-Ethoxyphenyl)-2-hydroxypropanamide.
4'-ethoxyactanilide; Fenolactine; Lactophenin;
Phenolactine. Analgesic; antipyretic mp = 117-118°;
somewhat soluble in H₂O (1 g/330 ml cold, 1 g/55 ml
hot); more soluble in alcohol (1 g/8.5 ml); slightly soluble
in Et₂O, petroleum ether.

630 Lefetamine

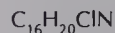
7262-75-1 5455



(-)-N,N-Dimethyl-1,2-diphenylethylamine.
Analgesic. Centrally acting analgesic with sesterochemical
resemblance to morphine. bp₆ = 142-147°; $[\alpha]_D^{20}$ (EtOH) = -
124.2°.

631 Lefetamine Hydrochloride

14148-99-3 5455



(-)-N,N-Dimethyl-1,2-diphenylethylamine hydrochloride.
Santenol, SPA. Analgesic. mp = 218-219°; $[\alpha]_D^{20}$ (H₂O) = -
91.7°.

632 Letimide

26513-90-6



2-[3-(Diethylamino)ethyl]-2H-1,3-benzoxazine-2,4(3H)-
dione.
Analgesic. *Miles.*

633 Letimide Hydrochloride

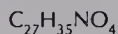
21791-39-9



2-[3-(Diethylamino)ethyl]-2H-1,3-benzoxazine-2,4(3H)-
dione monohydrochloride.
MA-1443. Analgesic. *Miles.*

634 Levonantradol

71048-87-8



(-)-(6S,6aR,9R,10aR)-5,6,6a,7,8,9,10,10a-Octahydro-6-methyl-3-[(R)-1-methyl-4-phenylbutoxy]-1,9-phenanthridinediol 1-acetate.
Analgesic. *Pfizer Inc.*

635 Levonantradol Hydrochloride

70222-86-5



(-)-(6S,6aR,9R,10aR)-5,6,6a,7,8,9,10,10a-Octahydro-6-methyl-3-[(R)-1-methyl-4-phenylbutoxy]-1,9-phenanthridinediol 1-acetate.
CP-50556-1. Analgesic. *Pfizer Inc.*

636 Lobuprofen

96128-90-4



2-[4-(m-Chlorophenyl)-1-piperazinyl]ethyl(±)-p-isobutylhydratropate.
Analgesic.

637 Lofemizole

65571-68-8

265-818-4

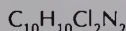


4-(p-Chlorophenyl)-5-methylimidazole.

Anti-inflammatory; analgesic; antipyretic. *Farmatis S.R.L.*

638 Lofemizole Hydrochloride

70169-80-1



4-(p-Chlorophenyl)-5-methylimidazole monohydrochloride.

Anti-inflammatory; analgesic; antipyretic. *Farmatis S.R.L.*

639 Lonaprofen

41791-49-5

255-555-3

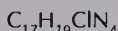


Methyl 2-[(1-chloro-2-naphthyl)oxy]propionate.

Analgesic; anti-inflammatory.

640 Lorcinadol

104719-71-3



(E)-3-Chloro-6-(4-cinnamyl-1-piperazinyl)pyridazine.
R-62818. Analgesic. *Janssen Pharmaceutical Inc.*

641 Lornoxicam

70374-39-9

5612

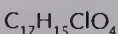


6-Chloro-4-hydroxy-2-methyl-N-2-pyridyl-2H-thieno[2,3-e]-1,2-thiazine-3-carboxamide 1,1-dioxide.

chlortenoxicam; Ro-13-9297; TS-110. Anti-inflammatory; analgesic. Cyclooxygenase inhibitor; structurally similar to tenoxicam. mp = 225-230° (dec); λ_m = 371 nm; pKa₂ = 4.7; LD₅₀ (mus, rat, dog, rbt, mky orl) > 10 mg/kg.
Hoffmann-LaRoche Inc.

642 Losmiprofen

74168-08-4



Pionic acid.

Analgesic; anti-inflammatory. Analgesic; anti-inflammatory.

643 Loxoprofen

68767-14-6

5619



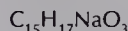
(±)-p-[(2-Oxocyclopentyl)methyl]hydratropic acid.

Anti-inflammatory; analgesic. Active metabolite is the trans-cycloohydroxypentane. Oil; bp_{0.3} = 190-195°; mp = 108.5-111°. *Sankyo.*

644 Loxoprofen Sodium

80382-23-6

5619



(±)-p-[(2-Oxocyclopentyl)methyl]hydratropate sodium salt.

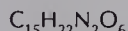
CS-600; Loxonin. Anti-inflammatory; analgesic. Active metabolite is the trans-cycloohydroxypentane. *Sankyo.*

645 Lysine Acetylsalicylate

62952-06-1

5668

263-769-3



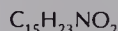
DL-Lysine mono[2-(acetyloxy)benzoate].

aspirin DL-lysine; aspirin lysine salt; lysine monosalicylate acetate; LAS; Aspidol; Delgesic; Flectadol; Lysal; Quinvet; Venopirin; Vetalgina. Analgesic; antipyretic; anti-inflammatory. Water soluble, injectable aspirin derivative. mp = 154-156°; soluble in H₂O; slightly soluble in EtOH; insoluble in organic solvents.

646 Mabuprofen

82821-47-4

280-048-9



(±)-N-(2-Hydroxyethyl)-p-isobutylhydratropamide.

Analgesic; anti-inflammatory. Analgesic; anti-inflammatory.

647 Magnesium Acetylsalicylate

132-49-0

5689

205-062-4



2-(Acetyloxy)benzoic acid magnesium salt.

magnesium aspirin; Apyron; Fyracyl; Magisal; Magnespirin; Novacetyl. Analgesic; anti-inflammatory. Soluble in H₂O; less soluble in organic solvents.

648 Medetomidine

86347-14-0

5830



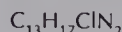
(±)-4-(α,2,3-Triethylbenzyl)imidazole.

MPV-785; Domitor. Sedative (veterinary); analgesic (veterinary). Alpha-adrenergic agonist. *Farmos Group Ltd.*

649 Medetomidine Hydrochloride

86347-15-1

5830



(±)-4-(α,2,3-Triethylbenzyl)imidazole monohydrochloride.

Cl-473; CN-35355; INF-3355; Bafhameritin-M; Bonabol; Coslan; Lysalgo; Mefenacid; Namphen; Parkemed; Ponalar; Ponstan; Ponstel; Ponstil; Ponstyl; Pontal; Tanston; Vialidon. Sedative (veterinary); analgesic (veterinary). *Farmos Group Ltd.*

650 Mefanamic Acid

61-68-7

5842

200-513-1



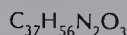
2-[(2,3-Dimethylphenyl)amino]benzoic acid.

in-M; Bonabol; Coslan; Lysalgo; Mefenacid; Namphen; Parkemed; Ponalar; Ponstan; Ponstel; Ponstil; Ponstyl;

Pontal; Tanston; Vialidon. Anti-inflammatory; analgesic. mp = 230-231° (effervesces); pKa = 4.2; λ_m = 285, 340 mn (0.1N NaOH); soluble in H₂O with pH = 7.1; soluble in alkali hydroxide solutions; sparingly soluble in Et₂O, CHCl₃; slightly soluble in EtOH; LD₅₀ (rat orl) = 790 mg/kg. *Parke-Davis*.

651 Menabitan

83784-21-8



(±)-8-(1,2-Dimethylheptyl)-1,3,4,5-tetrahydro-5,5-dimethyl-2-(2-propynyl)-2H-[1]benzopyrano[4,3-c]pyridin-10-yl α ,2-dimethyl-1-piperidinebutyrate. Analgesic.

652 Menabitan Hydrochloride

58019-50-4



(±)-8-(1,2-Dimethylheptyl)-1,3,4,5-tetrahydro-5,5-dimethyl-2-(2-propynyl)-2H-[1]benzopyrano-[4,3-c]pyridin-10-yl α ,2-dimethyl-1-piperidinebutyrate dihydrochloride. SP-204. Analgesic.

653 Metacetamol

621-42-1

210-687-0

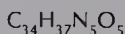


3'-Hydroxyacetanilide.

BS-749. A nonhepatotoxic positional isomer of acetaminophen. Used as an analgesic and antipyretic.

LD₅₀ (mus) = 1025 mg/kg.**654 Metergotamine**

22336-84-1



1-Methylergotamine.

MY-25 [bitartrate]. Analgesic; antimigraine.

655 Methopholine

2154-04-1

6229



1-(Chlorophenethyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-methylisoquinoline.

metofoline; ARC I-K-1; NIH-7672; Ro-4-1778/1.

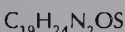
Analgesic. mp = 110-111°; LD₅₀ (mus sc) = 180 mg/kg. *Hoffmann-LaRoche Inc.*

656 Methotrimeprazine

60-99-1

6066

200-495-5



(-)-3-(2-Methoxyphenothiazin-10-yl)-2-methylpropyldimethylamine.

2-methoxytrimeprazine; levomepromazine; levomeprazine; CL-36467; CL-39743; RP-7044; SKF-5116; Levoprome; Neozine; Nirvan; Sinogan-Debil; Tisercin. Analgesic. $[\alpha]_D^{20}$ = -17° (c = 5 in CHCl₃). *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

657 Methotrimeprazine Maleate

7104-38-3

6066

230-412-8



(-)-3-(2-Methoxyphenothiazin-10-yl)-2-methylpropyldimethylamine maleate.

levomepromazine maleate; Minozinan; Milezin; Neuractil; Neruocil; Sofmin; Veractil. Analgesic. Dec

190°; slightly soluble in H₂O (0.3 g/100 ml), EtOH. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

658 Metkephamid

66960-34-7



L-Tyrosyl-D-alanylglycyl-L-phenylalanyl-N²-methyl-L-methioninamide.

metkefamide. Analgesic. *Eli Lilly & Co.***659 Metkephamid Acetate**

66960-35-8

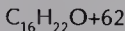


L-Tyrosyl-D-alanylglycyl-L-phenylalanyl-N²-methyl-L-methioninamide monoacetate (salt).

metkefamide acetate; LY-127623. Analgesic. *Eli Lilly & Co.*

660 Mexoprofen

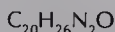
37529-08-1



p-(trans-2-Methylcyclohexyl)hydratropic acid. Analgesic.

661 Mimbane

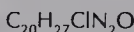
3277-59-6



1-Methyl-yohimbane.

Analgesic. *Parke-Davis*.**662 Mimbane Hydrochloride**

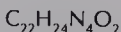
5560-73-6



1-Methyl-yohimbane monohydrochloride.

W-2291A. Analgesic. *Parke-Davis*.**663 Mirfentanil**

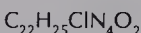
117523-47-4



N-(1-Phenethyl-4-piperidyl)-N-pyranizyl-2-furamide.

A-3508. Analgesic. *Anaquest*.**664 Mirfentanil Hydrochloride**

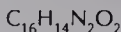
119413-53-5



N-(1-Phenethyl-4-piperidyl)-N-pyranizyl-2-furamide monohydrochloride.

A-3508.HCl. Analgesic. *Anaquest*.**665 Mioprofen**

55843-86-2



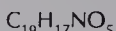
p-Imidazo[1,2-a]pyridin-2-ylhydratropic acid.

Y-0213. Analgesic.

666 Mofezolac

78967-07-4

6314



3,4-bis(p-Methoxyphenyl)-5-isoxazoleacetic acid.

N-22. Anti-inflammatory; analgesic. Prostaglandin biosynthesis inhibitor. mp = 147.5°; λ_m = 236 mn (ϵ 18300 MeOH); soluble in most organic solvents; slightly soluble in H₂O; LD₅₀ (mmus orl) = 1528 mg/kg, (mmus ip) = 275 mg/kg, (mmus sc) = 612 mg/kg.

667 Molinazone

5581-46-4

 $C_{11}H_{12}N_4O_2$

3-Morpholino-1,2,3-benzotriazin-4(3H)-one.

Analgesic. *Farbenfabriken Bayer AG.***668 Morazone**

6536-18-1

6349

229-447-1

 $C_{23}H_{27}N_3O_2$

4-[(3-Methyl-2-phenyl-4-morpholino)methyl]antipyrine.

R-445; Tarugan. Analgesic; anti-inflammatory;

antipyretic. mp = 149-150°; soluble in $CHCl_3$, MeOH, Me_2CO ; slightly soluble in Et_2O . *Ravensberg.***669 Morazone Hydrochloride**

50321-35-2

6349

256-540-4

 $C_{23}H_{28}ClN_3O_2$

4-[(3-Methyl-2-phenyl-4-morpholino)methyl]antipyrine monohydrochloride.

Analgesic; anti-inflammatory; antipyretic. mp = 171-172° (dec); soluble in H_2O . *Ravensberg.***670 Morpholine**

110-91-8

6362

203-815-1

 C_4H_9NO

Tetrahydro-2H-1,4-oxazine.

diethylene oximide; diethylene imidoxide. Analgesic; antipyretic, anti-inflammatory. Also used as solvent for resins, waxes, casein, dyes. CAUTION: Overexposure may cause visual disturbance, nose irritation, coughing, respiratory irritation, eye and skin irritation, liver and kidney damage. Liquid; mp = -4.9°; bp₇₆₀ = 128.9°; bp₆ = 20.0°; d_4^{20} = 1.007; n_D^{20} = 1.4540; miscible with H_2O , many organic solvents, oils; LD₅₀ (rat orl) = 1050 mg/kg.**671 Morpholine Salicylate**

147-90-0

6362

205-703-8

 $C_{11}H_{15}NO_4$

Tetrahydro-2H-1,4-oxazine salicylate.

Retacryl; Deposal. Analgesic; antipyretic, anti-inflammatory. mp = 110-111°; soluble in H_2O , alcohols, EtOAc, Me_2CO , C_6H_6 , $CHCl_3$; nearly insoluble in C_7H_8 , xylene, petroleum ether, Et_2O , CCl_4 .**672 Moxazocine**

58239-89-7

 $C_{18}H_{25}NO_2$

(-)-(2R,6S,11R)-3-(Cyclopropylmethyl)-1,2,3,4,5,6-hexahydro-11-methoxy-6-methyl-2,6-methano-3-benzazocin-8-ol.

Ilevo-BL-4566. Analgesic; antitussive. *Bristol-Myers Squibb Co.***673 Myfadol**

4575-34-2

 $C_{21}H_{25}NO_2$

2-[3-(m-Hydroxyphenyl)-2,3-dimethylpiperidino]-acetophenone.

Analgesic.

674 Nabitan

66556-74-9

 $C_{35}H_{52}N_2O_3$ 8-(1,2-Dimethylheptyl)-1,3,4,5-tetrahydro-5,6-dimethyl-2-(2-propynyl)-2H-[1]benzopyrano[4,3-c]pyridin-10-yl 1-piperidinebutyrate.
nabutan. Analgesic.**675 Nabitan Hydrochloride**

49637-08-3

 $C_{35}H_{53}ClN_2O_3$

8-(1,2-Dimethylheptyl)-1,3,4,5-tetrahydro-5,6-dimethyl-2-(2-propynyl)-2H-[1]benzopyrano[4,3-c]pyridin-10-yl

1-piperidinebutyrate monohydrochloride.

nabutan hydrochloride; SP-106; NIB. Analgesic.

676 Nabumetone

42924-53-8

6428

 $C_{15}H_{16}O_2$

4-(6-Methoxy-2-naphthyl)-2-butanone.

BRL-14777; Arthaxan; Balmox; Consolan; Nabuser; Relafen; Relifen; Relifex. Anti-inflammatory; analgesic.

Nonacidic, lipophilic prodrug, metabolized *in vivo* to 6-methoxy-2-naphthylacetic acid, a prostaglandin synthesis inhibitor. mp = 80°. *Beecham Research Labs.***677 Namoxyrate**

1234-71-5

 $C_{20}H_{27}NO_3$ α -Ethyl-4-biphenylacetic acid compound with 2-dimethylaminoethanol (1:1).W-1769-A. Analgesic. *Parke-Davis.***678 Nantradol**

65511-41-3

 $C_{27}H_{35}NO_4$

(±)-5,6,6aβ,7,8,9α,10,10α-Octahydro-6β-methyl-3-(1-methyl-4-phenylbutoxy)-1,9-phenanthridinediol 1-acetate.

Analgesic. *Pfizer Inc.***679 Nantradol Hydrochloride**

56511-42-4

 $C_{27}H_{36}ClNO_4$

(±)-5,6,6aβ,7,8,9α,10,10α-Octahydro-6β-methyl-3-(1-methyl-4-phenylbutoxy)-1,9-phenanthridinediol 1-acetate hydrochloride.

CP-44001-1. Analgesic. *Pfizer Inc.***680 Naproxen**

22204-53-1

6504

244-838-7

 $C_{14}H_{14}O_3$ (±)-6-Methoxy- α -methyl-2-naphthaleneacetic acid.MNPA; RS-3540; Bonyl; Diocodal; Dysmenalgit; Equiproxen; Floginax; Laraflex; Laser; Naixan; Napren; Naprium; Naprius; Naprosyn; Naprosyne; Naprux; Naxen; Nycopren; Panoxen; Prexan; Proxen; Proxine; Reuxen; Veradol; Xenar. Anti-inflammatory; analgesic; antipyretic. mp = 152-154°; $[\alpha]_D$ = +66° (c = 1 in $CHCl_3$); nearly insoluble in H_2O ; soluble in organic solvents; LD₅₀ (mus orl) = 1234 mg/kg, (rat orl) = 534 mg/kg, (rat ip) = 575 mg/kg. *Syntex Labs. Inc.***681 Naproxen Piperazine**

70981-66-7

6504

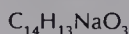
 $C_{32}H_{38}N_2O_6$ (±)-6-Methoxy- α -methyl-2-naphthaleneacetate piperazine salt (2:1).

piproxen; Numidan. Anti-inflammatory; analgesic;

antipyretic. *Syntex Labs. Inc.*

682 Naproxen Sodium

26159-34-2 6504 247-486-2



(-)-Sodium 6-methoxy- α -methyl-2-naphthaleneacetate.

RS-3560; Aleve; Anaprox; Apranax; Axer; Alfa; Flanax; Gynestrel; Miranax; Primeral; Synflex. Anti-inflammatory; analgesic; antipyretic. mp = 244-246°; $[\alpha]_D = -11^\circ$ (in MeOH). *Syntex Labs. Inc.*

683 Naproxol

26159-36-4



(-)-6-Methoxy- β -methyl-2-naphthaleneethanol.

RS-4034. Anti-inflammatory; analgesic; antipyretic. *Syntex Labs. Inc.*

684 Nexeridine

53716-48-6



1-[2-Dimethylamino]-1-methylethyl]-2-phenylcyclohexanol acetate (ester).

Analgesic. *Fisons plc, Pharmaceuticals Div.*

685 Nexeridine Hydrochloride

53716-47-5



1-[2-Dimethylamino]-1-methylethyl]-2-phenylcyclohexanol acetate (ester) hydrochloride.

673-082. Analgesic. *Fisons plc, Pharmaceuticals Div.*

686 Nicafenine

64039-88-9



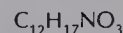
N-(7-Chloro-4-quinolyl)anthranilic acid ester with N-(2-hydroxyethyl)nicotinamide.

Analgesic.

687 Nicoboxil

13912-80-6

237-684-7



2-Butoxyethyl nicotinate.

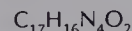
butoxyethyl nicotinate. Analgesic (topical). Capsaicinoid.

688 Nifenazone

2139-47-1

6619

218-387-1



N-Antipyrinylnicotinamide.

N-nicotinoylaminoantipyrine; Dolongan; Nicopyron; Nikofezon; Niprazine; Phenicazone; Reupiron; Thyllin.

Analgesic; antipyretic. mp = 252-253°, 256-258°; slightly soluble in H_2O , Me_2CO , ethylacetate, Et_2O ; soluble in hot H_2O , alcohol, CHCl_3 , dilute acids.

689 5'-Nitro-2'-propoxyacetanilide

553-20-8

6726



N-(5-Nitro-2-propoxyphenyl)acetamide.

Falimint. Antipyretic; analgesic. mp = 102.5-103.5°. *Schwartz's Essencefabriken.*

690 Nitrous Oxide

10024-97-2

6751

233-032-0



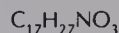
Nitrogen oxide.

dinitrogen monoxide; dinitrogen oxide; laughing gas; hyponitrous acid anhydride; factitious air. Anesthetic (inhaled); analgesic. CAUTION: asphyxiant, narcotic in high concentrations. Less irritating than other oxides of nitrogen. Gas; dissociates > 300°; mp = -90.91°; bp₇₆₀ = -88.46°; $d^{89}(\text{liquid}) = 1.226$; $d(\text{gas}) = 1.53$; soluble in sulfuric acid, alcohol, Et_2O , oils. *DuPont Merck Pharmaceutical Co.*

691 Nonivamide

2444-46-4

219-484-1



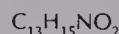
N-Vanillylnonamide.

nonylic acid vanillylamide; nonanoyl vanillylamide.

Capsaicin derivative. Acts by depleting stores of substance P from sensory neurons. Topical analgesic.

692 Octazamide

56391-55-0

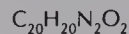


5-Benzoylhexahydro-1H-furo[3,4-c]pyrrole.

ICI-US-457. Analgesic. *ICI.*

693 Odalprofen

137460-88-9



Methyl ($\pm$)-m-(α -imidazol-1-ylbenzyl)hydratropate.

Analgesic.

694 Oil of Partridge Berry

Analgesic.

695 Oil of Wintergreen

Analgesic.

696 Olvanil

58493-49-5



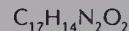
N-[(4-Hydroxy-3-methoxyphenyl)methyl]-9-octadecenamide.

N-vanillyloleamide; NE-19550. Analgesic. *Norwich Eaton.*

697 Oxapadol

56969-22-3

260-484-6



4,5-Dihydro-1-phenyl-1,4-epoxy-1H,3H-

[1,4]oxazepino[4,3-a]benzimidazole.

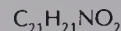
MD-720111. Analgesic.

698 Oxetorone

26020-55-3

7068

247-411-3



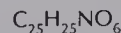
3-Benzofuro[3,2-c][1]benzoxepin-6(12H)-ylidene-N,N-dimethyl-1-propanamine.

Analgesic (specific to migraine). Serotonin and histamine antagonist with antimigraine activity. *Labaz S.A.*

699 Oxetorone Fumarate

34522-46-8

7068



3-Benzofuro[3,2-c][1]benzoxepin-6(12H)-ylidene-N,N-dimethyl-1-propanamine fumarate.

L-6257; Nocertone; Oxedix. Analgesic (specific to migraine). Serotonin and histamine antagonist with

antimigraine activity. mp = 160°. *Labaz S.A.*

700 Parsalimide

30653-83-9 7177 250-274-2
 $C_{14}H_{18}N_2O_2$
 5-Amino-N-butyl-2-(2-propynyloxy)benzamide.
 MY-41-6; Sinovial; Parsal. Anti-inflammatory; analgesic.
 mp = 83-85°; λ_m = 220, 327 nm (absolute alcohol), 284
 nm (log ϵ 3.39 H_2O , pH 2), 313 nm (log ϵ 3.40 H_2O , pH
 8.5); soluble in many organic solvents; slightly soluble in
 H_2O ; nearly insoluble in petroleum ether, cyclohexane.

701 Pelubiprofen

69956-77-0
 $C_{16}H_{18}O_3$
 (±)-p-[[[E]-2-Oxocyclohexylidene]methyl]hydratropic
 acid.
 Analgesic.

702 Pemedolac

114716-16-4
 $C_{22}H_{23}NO_3$
 (±)-cis-4-Benzyl-1-ethyl-1,3,4,9-tetrahydropyrano[3,4-
 b]indole-1-acetic acid.
 AY-30715. Analgesic. *Wyeth-Ayerst Labs.*

703 Perisoxal

2055-44-9 7318
 $C_{16}H_{20}N_2O_2$
 3-(2-Piperidino-1-hydroxyethyl)-5-phenylisoxazole.
 Anti-inflammatory; analgesic. mp = 107-108°.

704 Perisoxal Citrate

2139-25-5 7318
 $C_{38}H_{48}N_4O_9$
 3-(2-Piperidino-1-hydroxyethyl)-5-phenylisoxazole citrate
 (2:1).
 Isoxal. Anti-inflammatory; analgesic. mp = 135-145°;
 LD_{50} (mus sc) = 416 mg/kg.

705 Phenacetin

62-44-2 7344 200-533-0
 $C_{10}H_{13}NO_2$
 N-(4-Ethoxyphenyl)acetamide.
 p-acetophenetidine; p-ethoxyacetanilide; para-
 acetphenetidin; acetphenetidin; phenin;
 component of: P-A-C compound, APC Tablets. Analgesic;
 antipyretic. CAUTION: may be a carcinogen. mp = 134-
 135°; soluble in H_2O (1 g in 1310 ml cold, 82 ml
 boiling), EtOH (1 g in 15 ml cold, 2.8 ml boiling), Et₂O (1
 g/90 ml), CHCl₃ (1 g/14 ml); LD_{50} (rat orl) = 1650 mg/kg.
Monsanto Co.; Marion Merrell Dow Inc.; Upjohn Ltd.

706 Phenazopyridine

94-78-0 7175 202-363-2
 $C_{11}H_{11}N_5$
 2,6-Diamino-3-(phenylazo)pyridine.
 Phenazopyridine. Analgesic (urinary tract). *Boehringer
 Mannheim GmbH.*

707 Phenazopyridine Hydrochloride

136-40-3 7361 205-243-8
 $C_{11}H_{12}ClN_5$
 3-(Phenylazo)-2,6-pyridinediamine monohydrochloride.
 Bisteril; Mallophone; Phenazodine; Pyridacil; Pyridiate;

Pyridium; Sedural; Uridinal; Urodine. Analgesic (urinary
 tract). [free base]: mp = 139°; soluble in ethylene and
 propylene glycols, AcOH; slightly soluble in alcohol,
 lanolin, glycerol; insoluble in Me₂CO, C₆H₆, CHCl₃, Et₂O,
 C₇H₈; LD_{50} (rat orl) = 403 mg/kg. *Boehringer Mannheim
 GmbH.*

708 Phenocoll

103-97-9 7388 203-163-8
 $C_{10}H_{14}N_2O_2$
 2-Amino-4'-ethoxyacetanilide.
 phenokoll; Phenamine. Antipyretic; analgesic. mp =
 100.5°. *Schering Corp.*

709 Phenocoll Salicylate

140-47-6 7388
 $C_{17}H_{20}N_2O_5$
 2-Amino-4'-ethoxyacetanilide salicylate.
 Salocoll. Antipyretic; analgesic. Soluble in H_2O (0.5%
 cold, 5% hot). *Schering Corp.*

710 Phenopirazole

3426-01-5 7401 222-324-3
 $C_{15}H_{12}N_2O_2$
 1,4-Diphenylpyrazolidine-3,5-dione.
 Analgesic; antipyretic. mp = 233-234°. *Knoll
 Pharmaceutical Co.*

711 Phenyl Acetylsalicylate

134-55-4 7424 205-147-6
 $C_{15}H_{12}O_4$
 2-(Acetyloxy)benzoic acid phenyl ester.
 acetylphenylsalicylate; Acetylsalol; Spiroform; Vesipyrin.
 Analgesic, anti-inflammatory; antipyretic. mp = 97°; bp₁₁
 = 198°; insoluble in H_2O ; soluble in alcohol, Et₂O.

712 Phenyl Salicylate

118-55-8 7464 204-259-2
 $C_{13}H_{10}O_3$
 2-Hydroxybenzoic acid phenyl ester.
 Salol. Analgesic, anti-inflammatory; antipyretic. Also used
 in the manufacture of plastics, laquers, adhesives, waxes,
 polishes; used in suntan oils and creams. Has some light
 absorbing and plasticizer properties. mp = 41-43°; bp₁₂ =
 173°; d = 1.25; slightly soluble in H_2O (1 g/6670 ml);
 more soluble in alcohol (17 g/100 ml), C₆H₆ (67 g/100
 ml), amyl alcohol (20 g/100 ml), liquid paraffin (10 g/100
 ml), almond oil (25 g/100 ml); soluble in Me₂CO, CHCl₃,
 Et₂O, oils; very slightly soluble in glycerol; incompatible
 with bromine H_2O , ferric salts, camphors, phenols,
 chloral hydrate, thymol, urethan.

713 Phenylamidol

553-69-5 7474 209-044-7
 $C_{13}H_{14}N_2O$
 α -[(2-Pyridylamino)methyl]benzyl alcohol.
 fenyramidol. Analgesic; muscle relaxant (skeletal). mp =
 82-85°; λ_m = 243, 303 (log ϵ 4.24, 3.63 in 95% EtOH);
 pKa = 5.85.

714 Phenylamidol Hydrochloride

326-43-2 7474
 $C_{13}H_{15}ClN_2O$

- α -(2-Pyridylamino)methylbenzyl alcohol monohydrochloride.
IN-511; MJ-505; NSC-17777; Abbolexin; Anabloc; Cabral; Miodar. Analgesic; muscle relaxant (skeletal). mp = 140-142°; soluble in H₂O.
- 715 Picenadol**
79201-85-7
C₁₆H₂₅NO
(±)-trans-m-(1,3-Dimethyl-4-propyl-4-piperidyl)phenol.
Analgesic. *Eli Lilly & Co.*
- 716 Picenadol Hydrochloride**
74685-16-8
C₁₆H₂₆ClNO
(±)-trans-m-(1,3-Dimethyl-4-propyl-4-piperidyl)phenol hydrochloride.
LY-150720. Analgesic. *Eli Lilly & Co.*
- 717 Piketopufen**
60576-13-8 7576
C₂₂H₂₀N₂O₂
m-Benzoyl-N-(4-methyl-2-pyridyl)hydratropamide.
Calmatel (aerosol). Analgesic. Oil; soluble in methylene chloride, EtOH; insoluble in H₂O.
- 718 Piketopufen Hydrochloride**
59512-37-7 7576
C₂₂H₂₁ClN₂O₂
m-Benzoyl-N-(4-methyl-2-pyridyl)hydratropamide hydrochloride.
Calmatel (cream). Analgesic. mp = 180-182°.
- 719 Pinadoline**
38955-22-5
C₁₉H₁₉Cl₂N₃O₃
1-[8-Chlorodibenz[b,f][1,4]oxazepin-10(11H-yl)-carbonyl]-2-(5-chlorovaleryl)hydrazine.
SC-25469. Analgesic. *Searle, G.D., & Co.*
- 720 Pipebuzone**
27315-91-9 7610 248-398-7
C₂₅H₃₂N₄O₂
4-Butyl-4-[(4-methyl-1-piperazinyl)methyl]-1,2-diphenyl-3,5-pyrazolidinedione.
LD-4644; Elarzone. Anti-inflammatory; analgesic; antipyretic. Derivative of phenylbutazone, an anti-inflammatory agent. mp = 129°.
- 721 Piperylone**
2531-04-6 7632 219-788-4
C₁₇H₂₂N₃O
4-Ethyl-1,2-dihydro-2-(1-methyl-4-piperidyl)-5-phenyl-3H-pyrazol-3-one.
PR-66; component of: Palerol, Pelerol. Analgesic. Dec 162-163°; pK₁ = 5.90; pK₂ = 9.15; sparingly soluble in H₂O; soluble in EtOH, isopropanol, Me₂CO, EtOAc.
Sandoz Pharmaceuticals Corp.
- 722 Pirfenidone**
53179-13-8
C₁₂H₁₁NO
5-Methyl-1-phenyl-2(1H)pyridone.
AMR-69. Analgesic, anti-inflammatory; antipyretic.
- 723 Piroxicam**
36322-90-4 7661 252-974-3
C₁₅H₁₃N₃O₄S
4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide.
CP-16171; Artroxiam; Baxo; Bruxicam; Caliment; Erazon; Feldene; Flogobene; Geldene; Improntal; Larapam; Pirkam; Piroflex; Reudene; Riacen; Roxicam; Roxiden; Sasulen; Solocalm; Zunden. Anti-inflammatory.
mp = 198-200°; pKa = 6.3 (2:1 dioxane:H₂O); LD₅₀ (mus orl) = 360 mg/kg. *Pfizer Inc.*
- 724 Piroxicam Cinnamate**
87234-24-0 7661
C₂₄H₁₉N₃O₅S
4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide cinnamic acid ester.
cinnoxiam; SPA-S-510; Sinartol; Zelis; Zen. Anti-inflammatory. *Pfizer Inc.*
- 725 Piroxicam Compound with β -Cyclodextrin**
121696-62-6 7661
C₅₇H₈₃N₃O₃₉S
4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide compound with 2-aminoethanol.
Brexin; Cicladol; Cycladol. Anti-inflammatory. *Pfizer Inc.*
- 726 Piroxicam Olamine**
85056-47-9 7661
C₁₇H₂₀N₄O₅S
4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide compound with β -cyclodextrin.
CP-16171-85. Anti-inflammatory; analgesic. *Pfizer Inc.*
- 727 Populin**
99-17-2 7753 202-737-5
C₂₀H₂₂O₈
2-(Hydroxymethyl)phenyl- β -D-glucopyranoside 6-benzoate.
populoside; salicin benzoate. Found in bark and leaves of various *Populus* species. mp = 179°; [α]_D²⁰ = -2.0 (c = 5 C₅H₅N); [α]_D²⁵ = -29.7 (c = 5 Me₂CO); soluble in alcohol; slightly soluble in H₂O; nearly insoluble in Et₂O.
- 728 Pravadoline**
92623-83-1
C₂₃H₂₆N₂O₃
p-Methoxyphenyl 2-methyl-1-(2-morpholinoethyl)indol-2-yl ketone.
Analgesic. *Sterling Winthrop, Inc.*
- 729 Pravadoline Maleate**
92623-84-2
C₂₇H₃₀N₂O₇
p-Methoxyphenyl 2-methyl-1-(2-morpholinoethyl)indol-2-yl ketone maleate.
Win-48098-6. Analgesic. *Sterling Winthrop, Inc.*
- 730 Prethcamide**
8015-51-8 2659, 2662
Combination of cropropramide with crotethamide.
Micoren, Respirot. Respiratory stimulant; analgesic. *Ciba-*

Geigy Corp.

731 Prodilidine

3734-17-6

 $C_{15}H_{21}NO_2$ 1,2-Dimethyl-3-phenyl-3-pyrrolidinol propionate (ester).
Analgesic.**732 Prodilidine Hydrochloride**

3734-16-5

 $C_{15}H_{22}ClNO_2$ 1,2-Dimethyl-3-phenyl-3-pyrrolidinol propionate (ester)
hydrochloride.

A-1981-12; CI-427. Analgesic.

733 Prodolic Acid

36505-82-5

 $C_{16}H_{19}NO_3$ 1,3,4,9-Tetrahydro-1-propylpyrano[3,4-b]indole-1-acetic
acid.

AY-23289. Anti-inflammatory.

734 Profadol

428-37-5

 $C_{14}H_{21}NO$

m-(1-Methyl-3-propyl-3-pyrrolidinyl)phenol.

Analgesic. *Parke-Davis*.**735 Profadol Hydrochloride**

2324-94-9

 $C_{14}H_{22}ClNO$ m-(1-Methyl-3-propyl-3-pyrrolidinyl)phenol
hydrochloride.CI-572; A-2205; Centrac. Analgesic. *Parke-Davis*.**736 Propacetamol**

66532-85-2

7976

266-390-1

 $C_{14}H_{20}N_2O_3$

N,N-diethylglycine 4-(acetilamino)phenyl ester.

4-acetamidophenyl (diethylamino)acetate; 4'-hydroxy-
acetanilide. Analgesic; antipyretic. Injectable prodrug of
acetaminophen. Oil. *Hexachemie*.**737 Propacetamol Hydrochloride**

66532-86-3

7976

 $C_{14}H_{22}ClN_2O_3$ N,N-diethylglycine 4-(acetilamino)phenyl ester
hydrochloride.Dafalgan. Analgesic; antipyretic. Injectable prodrug of
acetaminophen. mp = 228°; soluble in H_2O .
Hexachemie.**738 Propyphenazone**

479-92-5

8056

207-539-2

 $C_{14}H_{18}N_2O$

4-Isopropyl-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one.

isopropylphenazone; Buridol; Causyth; Cibalgina;
Eufibron; Isoprochin. Analgesic, anti-inflammatory;
antipyretic. mp = 103°; soluble in H_2O (0.24 g/100 g at
16.5°), organic solvents. *Hoffmann-LaRoche Inc.***739 Proxorphan**

69815-38-9

 $C_{19}H_{25}NO_2$ (-)-(4aR,5R,10bS)-13-(Cyclopropylmethyl)-4,4a,5,6-
tetrahydro-3-H-5,10b-(iminoethano)-1H-naptho[1,2-c]-

pyran-9-ol.

Analgesic; antitussive. *Bristol-Myers Squibb Co.***740 Proxorphan Tartrate**

69815-39-0

 $C_{42}H_{56}N_2O_{10}$ (-)-(4aR,5R,10bS)-13-(Cyclopropylmethyl)-4,4a,5,6-
tetrahydro-3-H-5,10b-(iminoethano)-1H-naptho[1,2-c]-
pyran-9-ol D-(-)-tartrate (2:1).BL-5772M. Analgesic; antitussive. *Bristol-Myers Squibb Co.***741 Pyrroliphen**

15686-97-2

 $C_{23}H_{29}NO_2$ (+) - α -Benzyl β -methyl- α -phenyl-1-pyrrolidinepropanol
acetate (ester).pyrroliphen. Analgesic. *Eli Lilly & Co.***742 Pyrroliphen Hydrochloride**

5591-44-6

 $C_{23}H_{30}ClNO_2$ (+) - α -Benzyl β -methyl- α -phenyl-1-pyrrolidinepropanol
acetate (ester) hydrochloride.pyrroliphen hydrochloride; Lilly-31518. Analgesic. *Eli Lilly & Co.***743 Ramifenazone**

3615-24-5

8282

222-791-3

 $C_{14}H_{19}N_3O$ 4-Isopropylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-
one.4-isopropylaminoantipyrine; isopropylaminophenazone;
isopyrin; component of: Tomanol (with phenylbutazine).Analgesic, anti-inflammatory; antipyretic. mp = 80°; LD₅₀
(mus ip) = 843 mg/kg, (mus orl) = 1070 mg/kg.**744 Rimazolium**

35615-72-6

8391

 $C_{13}H_{19}N_2O_5^+$ 3-(Ethoxycarbonyl)-6,7,8,9-tetrahydro-1,6-dimethyl-4-
oxo-4H-pyrido[1,2-a]pyrimidinium ion.

Analgesic.

745 Rimazolium Metilsulfate

28610-84-6

8391

249-103-4

 $C_{14}H_{22}N_2O_7S$ 3-(Ethoxycarbonyl)-6,7,8,9-tetrahydro-1,6-dimethyl-4-
oxo-4H-pyrido[1,2-a]pyrimidinium methyl sulfate.MZ-144; MZ-0780; Ro-11-780; Dolcuran; Probon;
Probonal; Rimagina. Analgesic. mp = 165-166°; λ_m =
336, 258 nm (ϵ 3630, 27500); soluble in H_2O ; LD₅₀ (rat
iv) = 220 mg/kg, (rat ip) = 720 mg/kg, (rat orl) = 1600
mg/kg.**746 Salacetamide**

487-48-9

8471

207-656-9

 $C_9H_9NO_3$

N-Acetyl-2-hydroxybenzamide.

N-acetylsalicylamide; acetalsalicylamide; Actylamide.
Analgesic, anti-inflammatory; antipyretic. mp = 148°.**747 Salcolex**

28038-04-2

 $C_{24}H_{46}MgN_2O_{16}S$

Choline salicylate (salt) compound with magnesium

sulfate (2:1) tetrahydrate.

Analgesic, anti-inflammatory; antipyretic. *Wallace Labs.*

748 Salcolex [anhydrous]

54194-00-2

$C_{24}H_{38}MgN_2O_{12}S$

Choline salicylate (salt) compound with magnesium sulfate (2:1).

Analgesic, anti-inflammatory; antipyretic. *Wallace Labs.*

749 Salethamide

46803-81-0

$C_{13}H_{20}N_2O_2$

N-[2-(Diethylamino)ethyl]salicylamide.
saletamide. Analgesic. *Miles.*

750 Salethamide Maleate

24381-55-3

$C_{17}H_{24}N_2O_6$

N-[2-(Diethylamino)ethyl]salicylamide maleate (1:1) salt.
saletamide maleate; MA-593. Analgesic. *Miles.*

751 Salicin

138-S2-3

8476

205-331-6

$C_{13}H_{18}O_7$

2-(Hydroxymethyl)phenyl- β -D-glucopyranoside.
salicoside; salicyl alcohol glucoside. Analgesic. Obtained from bark of poplar (*Populus*) and willow (*Salix*), as well as leaves and flowers of willow. mp = 199-202°; $[\alpha]_D^{25} = -62$ to -67 (c = 3); $[\alpha]_D^{20} = -45.6$ (c = 0.6 absolute alcohol); soluble in H_2O , alcohol; more soluble in alkalis, C_5H_5N , glacial AcOH; nearly insoluble in Et_2O , $CHCl_3$.

752 Salicylamide

65-45-2

8480

200-609-3

$C_7H_7NO_2$

2-Hydroxybenzamide.

Cidal; Saliamid; Samid; Salizell; Salymid; Urtosal.
Analgesic. mp = 140°; soluble in H_2O (20 mg/ml), soluble in organic solvents; LD₅₀ (mus orl) = 1.4 g/kg. *Lemmon Co.*

753 Salicylamide O-Acetic Acid

253S9-22-6

8481

$C_9H_9NO_4$

[2-(Aminocarbonyl)phenoxy]acetic acid.

o-(carbamylphenoxy)acetic acid. Analgesic, anti-inflammatory; antipyretic. mp = 221°; soluble in aqueous alkali. *Yoshitomi.*

754 Salicylamide O-Acetic Acid Sodium Salt

3785-82-8

8481

$C_9H_8NNaO_4$

[2-(Aminocarbonyl)phenoxy]acetate sodium salt (1:1).

Salizell ampules. Analgesic, anti-inflammatory; antipyretic. mp = 212-215°. *Yoshitomi.*

755 Salicylate Meglumine

23277-50-1

$C_{14}H_{23}NO_8$

Salicylic acid compound with 1-deoxy-1-(methylamino)-D-glucitol.

PFA-186. Antirheumatic; analgesic. *Purdue Pharma L.P.*

756 Salicylsulfuric Acid

89-45-2

8486

$C_7H_6NO_6S$

2-(Sulfoxy)benzoic acid.

salicylic acid, acid sulfate; salicylic acid sulfuric acid ester. Analgesic; anti-inflammatory.

757 Salicylsulfuric Acid Sodium Salt

6155-64-2

8486

$C_7H_5NNaO_6S$

2-(Sulfoxy)benzoate monosodium salt.

sodium salicylsulfate; Salcyl; Salcylx. Analgesic; anti-inflammatory. Soluble in H_2O ; insoluble in organic solvents.

758 Salsalate

552-94-3

8491

209-027-4

$C_{14}H_{10}O_5$

2-Hydroxybenzoic acid 2-carboxyphenyl ester.

disalicylic acid; salicyloxysalicylic acid; salicylsalicylic acid; NSC-49171; Disalcid; Disalgesc; Mono-Gesc; Salflex. Analgesic; anti-inflammatory. Nonacetylated aspirin analog. mp = 148-149°; nearly insoluble in H_2O ; sparingly soluble in organic solvents. *3M Pharmaceuticals Fisons plc, Pharmaceuticals Div. Boehringer Mannheim GmbH.*

759 Salverine

6376-26-7

8494

228-944-0

$C_{19}H_{24}N_2O_2$

2-[2-(Diethylamino)-ethoxy]benzanilide.

M-811; component: of Montamed. Analgesic. mp = 173°.

760 Simetride

154-82-5

8682

$C_{28}H_{38}N_2O_6$

1,4-Bis[(2-methoxy-4-propylphenoxy)acetyl]piperazine.

AP2; Kyorin AP2. Analgesic. mp = 128-130°, 138.5-140°; nearly insoluble in H_2O , EtOH; soluble in $CHCl_3$; LD₅₀ (mus ip) = 15000 mg/kg. *Kyorin Pharmaceutical Co., Ltd.*

761 Sodium Salicylate

54-21-7

8819

200-198-0

$C_7H_5NaO_3$

2-Hydroxybenzoic acid monosodium salt.

Alysine; Idocyl; Enterosalicyl; Enterosalil. Analgesic; antipyretic. Used as a preservative. Soluble in H_2O (1.1 g/ml), less soluble in organic solvents; incompatible with ferric salts, lime water, spirit nitrous Et_2O , mineral acids, iodine, lead acetate, silver nitrate, sodium phosphate; LD₅₀ (rat ip) = 780 mg/kg. *Marion Merrell Dow Inc.*

762 Spiradoline

87151-85-7

$C_{22}H_{30}Cl_2N_2O_2$

($\pm$)-2-(3,4-Dichlorophenyl)-N-methyl-N-[(5R*,7S*,8S*)-7-(1-pyrrolidinyl)-1-oxaspiro[4.5]dec-8-yl]acetamide.

Analgesic. *Upjohn Ltd.*

763 Spiradoline Mesylate

87173-97-S

$C_{23}H_{34}Cl_2N_2O_5S$

($\pm$)-2-(3,4-Dichlorophenyl)-N-methyl-N-[(5R*,7S*,8S*)-7-(1-pyrrolidinyl)-1-oxaspiro[4.5]dec-8-yl]acetamide monomethanesulfonate.

U-62066E. Analgesic. *Upjohn Ltd.*

764 Suprofen

40828-46-4 9180 255-096-9
 $C_{14}H_{12}O_3S$
 2-Thenoylhydratropic acid.
 sutoprofen; R-25061; Masterfen; Profenol; Srendam;
 Supranol; Suprol; Sulproltin; Suproclil; Topalgic. Anti-
 inflammatory; analgesic. Prostaglandin biosynthesis
 inhibitor. mp = 124.3°; pKa = 3.91; λ_m = 266, 292 nm (ϵ
 15700, 15600 0.01N HCL-90% 2-propanol); soluble in
 alcohols, Et_2O , $CHCl_3$, Me_2CO , polyethylene glycol,
 alkalies; slightly soluble in H_2O ; LD₅₀ (mus orl) = 590
 mg/kg, (dog orl) = 160 mg/kg. *Alcon Labs.; Janssen*
Pharmaceutical, Belgium; McNeil Pharmaceutical.

765 Talmetacin

67489-39-8
 $C_{27}H_{20}ClNO_6$
 (+)-1-(p-Chlorobenzoyl)-5-methoxy-2-methylindole-3-
 acetic acid ester with 3-hydroxyphthalide.
 BA-7605-06. Analgesic, anti-inflammatory; antipyretic.
Lab. Bago, S.A.; Resfar S.R.L.

766 Talniflumate

66898-62-2 9214
 $C_{21}H_{13}F_3N_2O_4$
 Phthalidyl 2-(α,α,α -trifluoro-m-toluidino)nicotinate.
 BA-7602-06; Somalgen. Analgesic; anti-inflammatory.
 Derivative of niflumic acid, an anti-inflammatory agent.
 mp = 165-166°; λ_m = 287, 357 nm (ϵ 25600, 7800
 $CHCl_3$); LD₅₀ (rat orl) = 1200 mg/kg. *Lab. Bago, S.A.*

767 Talosalate

66898-60-0
 $C_{17}H_{12}O_6$
 1,3-Dihydro-3-oxo-1-isobenzofuran-yl ester
 2-(acetoxy)benzoic acid.
 BA-7604-02. Analgesic; anti-inflammatory. *Lab. Bago,*
S.A.

768 Tazadolene

87936-75-2
 $C_{16}H_{21}N$
 ($\pm$)-1-[(E)-2-Benzylidenecyclohexyl]azetidine.
 Analgesic. *Upjohn Ltd.*

769 Tazadolene Succinate

87936-82-1
 $C_{20}H_{26}NO_4$
 ($\pm$)-1-[(E)-2-Benzylidenecyclohexyl]azetidine
 succinate (1:1).
 U-53996H. Analgesic. *Upjohn Ltd.*

770 Tebufelone

112018-00-5
 $C_{20}H_{28}O_2$
 3',5'-Di-tert-butyl-4'-hydroxy-5-hexynophenone.
 NE-11740. Analgesic; anti-inflammatory. *Norwich Eaton.*

771 Tenoxicam

59804-37-4 9293
 $C_{13}H_{11}N_3O_4S_2$
 4-Hydroxy-2-methyl-N-2-pyridyl-2H-thieno[2,3-e]-1,2-
 thiazene-3-carboxamide 1,1-dioxide.

Ro-12-0068; Alganex; Dolmen; Liman; Mobiflex;
 Rexalgan; Tilatil; Tilcotil. Anti-inflammatory; analgesic.
 mp = 209-213° (dec). *Hoffmann-LaRoche Inc.*

772 Terofenamate

29098-15-5 9312 249-434-4
 $C_{17}H_{17}Cl_2NO_3$
 Ethoxymethyl N-(2,6-dichloro-m-tolyl)anthranilate.
 etoclofene; Etofen. Anti-inflammatory; analgesic.
 Derivative of anthranilic acid. mp = 73-73°; LD₅₀ (mus
 orl) = 918 mg/kg, (rat orl) = 307 mg/kg, (mus ip) = 300
 mg/kg, (rat ip) = 274 mg/kg. *Lusofarmico.*

773 Tetrandrine

518-34-3 9369
 $C_{38}H_{42}N_2O_6$
 (1 β)-6,6',7,12-Tetramethoxy-2,2'-dimethylberbaman.
 Phaenthine [I-form]. Analgesic; antipyretic. Found in root
 of *Staphania tetandra* s. Moore, *Menispermaceae*. Present
 in Chinese drug han-fang-chi. mp = 217-218°; [I-form]:
 mp = 210°; $[\alpha]_D^{26}$ = +252.4° ($CHCl_3$); $[\alpha]_D^{26}$ = -278° ($CHCl_3$);
 nearly insoluble in H_2O , petroleum ether; soluble in Et_2O
 and some other organic solvents.

774 Tetriprofen

28168-10-7
 $C_{15}H_{18}O_2$
 p-1-Cyclohexen-1-ylhydratropic acid.
 47-210 [as sodium]. Analgesic; anti-inflammatory.

775 Tetrydamine

17289-49-5
 $C_9H_{15}N_3$
 4,5,6,7-Tetrahydro-2-methyl-3-(methylamino)-2H-
 indazol.
 POLI-67. Analgesic; anti-inflammatory. *Polichimica Sap.*

776 Tifurac

97483-17-5
 $C_{18}H_{14}O_4S$
 7-[p-(Methylthio)benzoyl]-5-benzofuranacetic acid.
 Analgesic. *Syntex Labs. Inc.*

777 Tifurac Sodium

102488-97-1
 $C_{18}H_{13}NaO_4S \cdot xH_2O$
 Sodium 7-[p-(methylthio)benzoyl]-5-benzofuranacetate
 hydrate.
 RS-82917-030. Analgesic. *Syntex Labs. Inc.*

778 Tinoridine

24237-54-5 9590 246-102-0
 $C_{17}H_{20}N_2O_2S$
 Ethyl 2-amino-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-c]-
 pyridine-3-carboxylate.
 Y-3642. Analgesic, anti-inflammatory; antipyretic. mp =
 112-113°; slightly soluble in H_2O ; LD₅₀ (mus orl) = 5400
 mg/kg, (rat orl) > 10200 mg/kg, (mus ip) = 1600 mg/kg,
 (rat ip) = 1250 mg/kg. *Yoshitomi.*

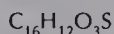
779 Tinoridine Hydrochloride

25913-34-2 9590
 $C_{17}H_{21}ClN_2O_2S$
 Ethyl 2-amino-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-c]-
 pyridine-3-carboxylate hydrochloride.

Dimaten, Noflamin. Analgesic, anti-inflammatory; antipyretic. mp = 234-235° (dec); slightly soluble in MeOH; less soluble in H₂O, Et₂O, Me₂CO, C₆H₆; LD₅₀ (mus orl) = 1601 mg/kg. *Yoshitomi*.

780 Tiopinac

61220-69-7



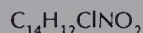
6,11-Dihydro-11-oxodibenzo[b,e]thiepin-3-acetic acid.

RS-40974. Analgesic, anti-inflammatory; antipyretic. *Syntex Labs. Inc.***781 Tolfenamic Acid**

13710-19-5

9650

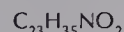
237-264-3



N-(3-Chloro-o-tolyl)anthranilic acid.

GEA-6414; Clotam; Tolfedine; Tolfine. Anti-inflammatory; analgesic Prostaglandin biosynthesis inhibitor. Derivative of anthranilic acid, related structurally to mefenamic and flufenamic acids, anti-inflammatory agents. mp = 207-207.5°. *Parke-Davis; Gea A/S*.**782 Tonazocine**

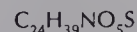
71461-18-2



(±)-1-[(2R*,6S*,11S*)-(1,2,3,4,5,6-Hexahydro-8-hydroxy-3,6,11-trimethyl-2,6-methano-3-benzazocin-11-yl)-3-octanone.

Analgesic. *Sterling Winthrop, Inc.***783 Tonazocine Mesylate**

73789-00-1



(±)-1-[(2R*,6S*,11S*)-(1,2,3,4,5,6-Hexahydro-8-hydroxy-3,6,11-trimethyl-2,6-methano-3-benzazocin-11-yl)-3-octanone methanesulfonate.

Win-42156-2. Analgesic. *Sterling Winthrop, Inc.***784 Tramadol**

27203-92-5

9701

248-319-6

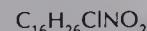


(±)-2-[(Dimethylamino)methyl]-1-(3-methoxyphenyl)-cyclohexanol.

CG-315E; E-265; U-26255A. Analgesic. *Grünenthal*.**785 Tramadol Hydrochloride**

22204-88-2

9701



trans-(±)-2-[(Dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol hydrochloride.

Crispin; Melanate; Tramal; Ultram; Zydol. Analgesic. mp = 180-181°; soluble in H₂O; LD₅₀ (rat orl) = 228 mg/kg. *Grünenthal; McNeil Pharmaceutical; Upjohn Ltd.***786 Trefentanil**

120656-74-8



N-[1-[2-(4-Ethyl-4,5-dihydro-5-oxo-1H-tetrazol-1-yl)-ethyl]-4-phenyl-4-piperidyl]-N-(2-fluorophenyl)-propanamide.

A-2665. Analgesic. *Anaquest*.**787 Trefentanil Hydrochloride**

120656-93-1



N-[1-[2-(4-Ethyl-4,5-dihydro-5-oxo-1H-tetrazol-1-yl)-ethyl]-4-phenyl-4-piperidyl]-N-(2-fluorophenyl)-propanamide monohydrochloride.

A-2665-HCl. Analgesic. *Anaquest*.**788 Trichlorourethan**

107-69-7

9778

203-511-9



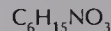
2,2,2-Trichloroethanol carbamate.

carbamic acid trichloroethyl ester. mp = 64-65°; soluble in H₂O (1%); very soluble in organic solvents.**789 Trolamine**

102-71-6

9798

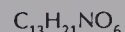
203-049-8



2,2',2''-Nitrilotriethanol.

triethanolamine. Analgesic. Viscous liquid; mp = 21.57°; bp₇₆₀ = 335.4°; d₄²⁰ = 1.1242; d₄⁶⁰ = 1.0985; n_D²⁰ = 1.4285; pH (0.1N aqueous solution) = 10.5; miscible with H₂O; soluble in C₆H₆ (4.2% at 25°); less soluble in Et₂O (1.6%), CCl₄ (0.4%); n-heptane (<0.1%). *Union Carbide Corp.***790 Trolamine Salicylate**

9798



2,2',2''-Nitrilotriethanol salicylic acid.

Mobisyl; Myoflex. Analgesic. *Union Carbide Corp.***791 Tropesin**

65189-78-8

9909

265-607-7



(±)-1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indole-3-acetic acid 2-carboxy-2-phenyl ester.

Repanidal. Anti-Inflammatory; analgesic. Tropic acid ester of indomethacin. mp = 130-132°, 127-129°, 128-130°; LD₅₀ (rat orl) = 140 mg/kg. *SPOFA*.**792 Ufenamate**

67330-25-0

4167

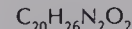


Butyl N-(α,α,α-trifluoro-m-tolyl)anthranilate.

flufenamic acid butyl ester; Combec; Fenazol. Anti-inflammatory; analgesic.

793 Veradoline

79201-80-2



(±)-2-(p-Aminophenethyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-1-methylisoquinoline.

Analgesic. *Fisons plc, Pharmaceuticals Div.***794 Veradoline Hydrochloride**

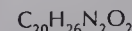
76448-47-0



(±)-2-(p-Aminophenethyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-1-methylisoquinoline dihydrochloride.

PR-870-714A. Analgesic. *Fisons plc, Pharmaceuticals Div.***795 Verilopam**

68318-20-7



3-(p-Aminophenethyl)-2,3,4,5-tetrahydro-7,8-dimethoxy-1H-3-benzazepine.

Analgesic. *Fisons plc, Pharmaceuticals Div.*

796 Verilopam Hydrochloride

67394-31-4

 $C_{20}H_{28}Cl_2N_2O_2$

3-(p-Aminophenethyl)-2,3,4,5-tetrahydro-7,8-dimethoxy-1H-3-benzazepine dihydrochloride.

PR-0818-516A. Analgesic. *Fisons plc, Pharmaceuticals Div.***797 Viminol**

21363-18-8 10117 244-347-8

 $C_{21}H_{31}ClN_2O$ 1-(o-Chlorobenzyl)- α -[(di-sec-butylamino)methyl]pyrrole-2-methanol.diviminol; Z-424. Analgesic. Composed of six stereoisomers. $bp_{0.1\text{ mm}} = 160-165^\circ$. *Whitefin Hloding.***798 Viminol Hydroxybenzoate**

23784-10-3 10117

 $C_{28}H_{37}ClN_2O_4$ 1-(o-Chlorobenzyl)- α -[(di-sec-butylamino)methyl]pyrrole-2-methanol p-hydroxybenzoate.Dividol. Analgesic. mp = 128-130° (dec); LD₅₀ (rat ip) = 205.9 mg/kg. *Whitefin Hloding.***799 Volazocine**

15686-68-7

 $C_{18}H_{25}N$

3-(Cyclopropylmethyl)-1,2,3,4,5,6-hexahydro-cis-6,11-dimethyl-2,6-methano-3-benzazocine.

Win-23200. Analgesic. *Sterling Winthrop, Inc.***800 Xylazine**

7361-61-7 10213 230-902-1

 $C_{12}H_{16}N_2S$

5,6-Dihydro-2-(2,6-xylydino)-4H-1,3-thiazine.

Bay 1470; Bay Va 1470; Wh-7286. Sedative (veterinary); analgesic (veterinary); muscle relaxant (veterinary). mp =

140-142°, 136-139°; soluble in dilute acids, C_6H_6 , Me_2CO , $CHCl_3$; slightly soluble in petr Et_2O ; nearly insoluble in H_2O , alkalies; LD₅₀ (mus iv) = 42 mg/kg, (mus orl) = 240 mg/kg, (rat orl) = 130 mg/kg. *Bayer Corp., Pharmaceutical Div.***801 Xylazine Hydrochloride**

23076-35-9 10213

 $C_{12}H_{17}ClN_2S$

5,6-Dihydro-2-(2,6-xylydino)-4H-1,3-thiazine hydrochloride.

Narcosyl; Rompun; Xylapan; Xylasol. Sedative (veterinary); analgesic (veterinary); muscle relaxant (veterinary). *Bayer AG.***802 Zenazocine Mesylate**

74559-85-6

 $C_{24}H_{39}NO_5S$

(±)-1-[(2R*,6S*,11S*)-1,2,3,4,5,6-Hexahydro-8-hydroxy-3,6,11-trimethyl-2,6-methano-3-benzazocin-11-yl]-6-methyl-3-heptanone methanesulfonate (salt).

Win-42964-4. Analgesic. *Sterling Winthrop, Inc.***803 Zomepirac**

33369-31-2 10322 251-474-2

 $C_{15}H_{14}ClNO_3$

5-(4-Chlorobenzoyl)-1,4-dimethyl-1H-pyrrole-2-acetic acid.

Analgesic; anti-inflammatory. mp = 178-179°. *McNeil Pharmaceutical.***804 Zomepirac Sodium [anhydrous]**

64092-48-4 10322 264-669-2

 $C_{15}H_{13}ClNNaO_3$

5-(4-Chlorobenzoyl)-1,4-dimethyl-1H-pyrrole-2-acetic acid sodium salt.

Analgesic; anti-inflammatory. *McNeil Pharmaceutical.***805 Zomepirac Sodium Dihydrate**

64092-49-5 10322

 $C_{15}H_{17}ClNNaO_5$

5-(4-Chlorobenzoyl)-1,4-dimethyl-1H-pyrrole-2-acetic acid sodium salt dihydrate.

McN-2783-21-98; Zomax; Zopirac. Analgesic; anti-inflammatory. mp = 295-296°. *McNeil Pharmaceutical.***806 Zucapsaicin**

25775-90-0

 $C_{18}H_{27}NO_3$

(Z)-8-Methyl-N-vanillyl-6-nonenamide.

Topical analgesic. *GenDerm.*

Androgens

807 Boldenone

846-48-0 1354 212-686-0

 $C_{19}H_{26}O_2$ 17 β -Androsta-1,4-dien-3-one.dehydrotestosterone. Androgen. Has properties of an anabolic steroid. mp = 164-166°; [α]_D²⁵ = 25° ($CHCl_3$); [acetate]: mp = 151-153°. *Schering Corp.; Olin Mathieson.***808 Boldenone 10-Undecanoate**

13103-34-9 1354 236-024-5

 $C_{30}H_{40}O_3$ 17 β -Androsta-1,4-dien-3-one 10-undecenoate.Equipoise; Ba-9038; Parenabol. Androgen. Has properties of an anabolic steroid. *Solvay Animal Health, Inc.***809 Cloxotestosterone**

53608-96-1 2482

 $C_{21}H_{29}Cl_3O_3$ 17 β -(2,2,2-Trichloro-1-hydroxyethoxy)androst-4-en-3-one.testosterone 17-chloral hemiacetal. Androgen. mp = 200-201°; $\lambda_m = 241\text{ nm}$ ($\epsilon = 16300\text{ EtOH}$). *Lovens Komiske Fabrik.***810 Cloxotestosterone Acetate**

13867-82-8 2482

 $C_{23}H_{31}Cl_3O_4$ 17 β -(2,2,2-Trichloro-1-acetoxyethoxy)androst-4-en-3-one.Caprosem. Androgen. mp = 192-193°; $\lambda_m = 241\text{ nm}$ ($\epsilon = 16400\text{ EtOH}$). *Lovens Komiske Fabrik.***811 Fluoxymesterone**

76-43-7 4223 200-961-8

 $C_{20}H_{29}FO_3$

9-Fluoro-11 β ,17 β -dihydroxy-17-methylandrosta-4-en-3-one.

Halotestin; Ora-Testryl; NSC-12165; Androsterolo; Oratestin; Testoral; Ultandren. Androgen. mp = 270° (dec); $[\alpha]_D^{20}$ = 109° (EtOH); λ_m = 240 nm (ϵ 16700 EtOH); soluble in C₅H₅N; moderately soluble in Me₂CO, CHCl₃; sparingly soluble in MeOH; insoluble in H₂O, Et₂O, C₆H₆, C₆H₁₂. *Pharmacia & Upjohn, Inc.; Bristol-Myers Squibb Co.*

812 Mestanolone

521-11-9 5973 208-302-6
C₂₀H₃₂O₂
17 β -Hydroxy-17 α -methyl-5 α -androsta-3-one.
Androstanolone. Androgen. mp = 192-193°; insoluble in H₂O; soluble in Me₂CO, EtOH, Et₂O, EtOAc. *Ciba-Geigy Corp.*

813 Mesterolone

1424-00-6 5974 215-836-3
C₂₀H₃₂O₂
17 β -Hydroxy-1 α -methyl-5 α -androsta-3-one.
SH-723; NSC-75054. Androgen. mp = 203.5-205.0°; $[\alpha]_D^{20}$ = 17.6° (c = 0.875 CHCl₃); [acetate]: mp = 169-170°; $[\alpha]_D^{25}$ = 16.5° (c = 0.88 CHCl₃). *Schering AG.*

814 Methandrostenolone

72-63-9 6018 200-787-2
C₂₀H₂₈O₂
17 β -Hydroxy-17 α -methylandrosta-1,4-dien-3-one.
NSC-42722; Danabol; Nerobol; Nabolin; Sterolon; Dianabol. Androgen. mp = 163-164°; $[\alpha]_D^{26}$ = 0° (c = 1.15 CHCl₃); λ_m = 245 nm (ϵ = 15600). *Ciba-Geigy Corp.*

815 17 α -Methyltestosterone 3-cyclopentyl enol ether

67-81-2 6207 200-670-6
C₂₅H₃₈O₂
(17 β)-3-(Cyclopentyloxy)-17-methylandrosta-3,5-dien-17-ol.
RP-12222; Pandrocine; Penmestrol. Androgen. mp = 148-152°; $[\alpha]_D$ = -150° (dioxane).

816 17-Methyltestosterone

58-18-4 6206 200-366-3
C₂₀H₃₀O₂
17 β -Hydroxy-17 α -methylandrosta-4-en-3-one.
Android; Metandren; Oraviron; Oretol Methyl; Synandrol; Synandrotabs; Testred; Glosso-Stérandryl; Neohombreol M; Orchisterone-M; Perandren; component of: Estan, Estratest, Premarin with Methyltestosterone. Androgen. mp = 161-166°; $[\alpha]_D^{25}$ = 69° to 75° (dioxane); soluble in EtOH, MeOH, Et₂O, most organic solvents; insoluble in H₂O. *ICN Pharmaceuticals, Inc.; Eli Lilly & Co.; Ciba-Geigy Corp.; Schering Corp.; Pfizer Inc.; Solvay Pharmaceuticals; Wyeth-Ayerst Labs.*

817 Mibolerone

3704-09-4 6262 223-046-5
C₂₀H₃₀O₂
17 β -Hydroxy-7 α ,17-dimethylestra-4-en-3-one.
U-10997; Cheque; Matenon. Androgen. Soluble in H₂O

(4.54 mg/100 ml at 37°). *Pharmacia & Upjohn, Inc.*

818 Nandrolone

434-22-0 6452 207-101-0
C₁₈H₂₆O₂
17 β -Hydroxyestr-4-en-3-one.
19-nortestosterone. Androgen. mp = 112°, 124°; $[\alpha]_D^{22}$ = 55° (c = 0.93 CHCl₃); λ_m = 241 nm (ϵ 17000 EtOH); soluble in EtOH, Et₂O, CHCl₃; [benzoate]: mp = 174-175°; $[\alpha]_D^{20}$ = 104.5° (EtOH).

819 Nandrolone Cyclohexanecarboxylate

18470-94-5 6452 242-351-4
C₂₅H₃₆O₃
17 β -Hydroxyestr-4-en-3-one cyclohexanecarboxylate.
19-nortestosterone hexahydrobenzoate; Nolongandron; Nor-Durandron. Androgen. mp = 88-89°; $[\alpha]_D^{20}$ = 50° (c = 0.5 CHCl₃). *Organon Inc.; Forest Pharmaceuticals Inc.*

820 Nandrolone Cyclohexanepropionate

912-57-2 6452 213-013-3
C₂₇H₄₀O₃
17 β -Hydroxyestr-4-en-3-one cyclohexanepropionate.
19-nortestosterone cyclohexylpropionate; Sanabolum. Androgen. *Organon Inc.; Forest Pharmaceuticals Inc.*

821 Nandrolone Decanoate

360-70-3 6452 206-639-3
C₂₈H₄₄O₃
17 β -Hydroxyestr-4-en-3-one decanoate.
19-nortestosterone decanoate; Deca-Durabol; Deca-Hybolin; Hybolin decanoate; Deca-Durabolin; Nandrobolic L.A.; Retabolil. Androgen. mp = 32-35°; soluble in EtOH, Et₂O, Me₂CO, CHCl₃; insoluble in H₂O. *Organon Inc.; Forest Pharmaceuticals Inc.*

822 Nandrolone Dodecanoate

26490-31-3 6452 247-739-7
C₃₀H₄₈O₃
17 β -Hydroxyestr-4-en-3-one dodecanoate.
nandrolone laurate; Laurabolin. Androgen. *Organon Inc.; Forest Pharmaceuticals Inc.*

823 Nandrolone Furylpropionate

7642-64-0 6452 231-580-5
C₂₅H₃₂O₄
17 β -Hydroxyestr-4-en-3-one furylpropionate.
19-nortestosterone furylpropionate; NFP; Demelon. Androgen. *Organon Inc.; Forest Pharmaceuticals Inc.*

824 Nandrolone Phenpropionate

62-90-8 6452 200-551-9
C₂₇H₃₄O₃
17 β -Hydroxyestr-4-en-3-one hydrocinnamate.
Durabolin; Nandrobolic; NSC-23162; Activin; Durabol; Strabolene; Superanabolin; Nandrolin. Androgen. mp = 95-96°; $[\alpha]_D$ = 58° (CHCl₃). *Organon Inc.; Forest Pharmaceuticals Inc.*

825 Nandrolone p-Hexyloxyphenylpropionate

52279-57-9 6452 257-810-4
C₃₃H₄₆O₄
17 β -Hydroxyestr-4-en-3-one p-hexyloxyphenyl-

propionate.

Anador; Anadur; 19-nortestosterone-3-(p-hexyloxyphenyl)propionate. Androgen. mp = 53-55°; $[\alpha]_D = 45^\circ$ (c = 1 dioxane). *Organon Inc.; Forest Pharmaceuticals Inc.*

826 Nandrolone Propionate

7207-92-3 6452 230-587-0

$C_{21}H_{30}O_3$

17 β -Hydroxyestr-4-en-3-one propionate.

19-nortestosterone propionate. Androgen. mp = 55-60°;

$[\alpha]_D^{23.5} = 58^\circ$ (CHCl₃); $\lambda_m = 240$ nm (ϵ 16650). *Organon Inc.; Forest Pharmaceuticals Inc.*

827 Nisterime acetate

51354-31-5

$C_{27}H_{35}ClN_2O_5$

2 α -Chloro-17 β -hydroxy-5 α -androst-3-one O-(p-nitrophenyl)oxime acetate (ester).

ORF-9326. Androgen. *Ortho Pharmaceutical Corp.*

828 Norethandrolone

52-78-8 6789 200-153-5

$C_{20}H_{30}O_2$

17 α -Ethyl-17 β -hydroxyestr-4-en-3-one.

Nilevar; Solevar. Androgen. mp = 140-141°; $\lambda_m = 240$ nm (ϵ 16500); soluble in EtOH, C₆H₆, Et₂O, EtOAc; insoluble in H₂O. *Searle, G.D., & Co.*

829 Normethandrone

514-61-4 6805 208-183-0

$C_{19}H_{28}O_2$

17 α -Methyl-17 β -hydroxyestr-4-en-3-one.

methylnortestosterone; normethandrolone; normetandrone; Orgasteron; Metalutin; Methalutin.

Androgen. mp = 156-158°; $[\alpha]_D = 33^\circ$; $\lambda_m = 240$ nm (log ϵ 4.23 EtOH). *Syntex International, Ltd.*

830 Oxandrolone

53-39-4 7054 200-172-9

$C_{19}H_{30}O_3$

17 β -Hydroxy-17 α -methyl-2-oxa-5 α -androst-3-one.

Anavar; SC-11585; NSC-67068; Lonavar; Provitar; Vasorome. Androgen. mp = 235-238°; $[\alpha]_D^{25} = -23^\circ$, $\lambda_m = 287, 579$ nm. *Searle, G.D., & Co.*

831 Oxymesterone

145-12-0 7099 205-646-9

$C_{20}H_{30}O_3$

4,17 β -Dihydroxy-17-methyl-4-en-3-one.

oxymestron; Anamidol; Oranabol; Theranabol. Androgen. mp = 169-171°; $[\alpha]_D^{20} = 69^\circ$ (EtOH); $\lambda_m = 278$ nm ($E_{1\%}^{1\text{cm}} = 406$ EtOH); insoluble in H₂O; soluble in CHCl₃, Me₂CO, EtOH. *Farmitalia.*

832 Oxymetholone

434-07-1 7101 207-098-6

$C_{21}H_{32}O_3$

17 β -Hydroxy-2-(hydroxymethylene)-17-methyl-5 α -androst-3-one.

Adroyd; Anadrol; anasterone; Anapolon; Pardroyd; Plenastril; Protanabol; Nastenon; Synasteron. Androgen. mp = 178-180°; $[\alpha]_D = 38^\circ$; $\lambda_m = 285$ nm (log ϵ 3.99); [enol acetate]: mp = 144-148°; $[\alpha]_D = 27^\circ$ (EtOH); $\lambda_m =$

255 nm (log ϵ 4.09); [enol propionate]: mp = 135°; $[\alpha]_D = 26^\circ$ (EtOH); $\lambda_m = 257$ nm (log ϵ 4.11); [enol benzoate]: mp = 188-190°; $[\alpha]_D = 0^\circ$ (EtOH); $\lambda_m = 230$ nm (log ϵ 4.19). *Parke-Davis; Syntex International, Ltd.*

833 Prasterone

53-43-0 7892 200-175-5

$C_{19}H_{28}O_2$

3 β -Hydroxyandrost-5-en-17-one.

DHEA; Astenile; Deandros; Diandrone; Psicosterone. Androgen. mp = 140-141°, 152-153°; $[\alpha]_D^{18} = 10.9^\circ$ (c = 0.4 EtOH); soluble in C₆H₆, EtOH, Et₂O; sparingly soluble in CHCl₃, petroleum ether.

834 Prasterone Sodium Sulfate

1099-87-2 7892 214-152-2

$C_{19}H_{27}NaO_5S$

3 β -Hydroxyandrost-5-en-17-one sodium sulfate.

sodium dehydroepiandrosterone sulfate; DHA-S; Mylis. Androgen. mp = 154° (dec); soluble in MeOH; slightly soluble in EtOH, H₂O; insoluble in Me₂CO, CHCl₃, C₆H₆; LD₅₀ (mmus orl) > 10000 mg/kg, (mmus sc) = 899 mg/kg, (mmus ip) = 460 mg/kg, (mmus iv) = 274 mg/kg, (mrat orl) > 10000 mg/kg, (mrat sc) = 100.

835 Silandrone

5055-42-5 225-755-5

$C_{22}H_{36}O_2Si$

17 β -(Trimethylsiloxy)androst-4-en-3-one.

SC-16148; NSC-95147. Androgen. *Searle, G.D., & Co.*

836 Stanolone

521-18-6 8950 208-307-3

$C_{19}H_{30}O_2$

17 β -Hydroxy-5 α -androst-3-one.

Neodrol; androstanolone; Anabolex; Andractim; Androlone. Androgen. mp = 181°; $[\alpha]_D^{20} = 32.4^\circ$ (EtOH); soluble in EtOH, Me₂CO, Et₂O, EtOAc; insoluble in H₂O. *Pfizer Inc.; Schering AG.*

837 Stanozolol

10418-03-8 8951 233-894-8

$C_{21}H_{32}N_2O$

17-Methyl-2'H-5 α -androst-2-eno[3,2-c]pyrazol-17 β -ol.

Winstrol; Win-14833; NSC-43193; androstanozolestanazol; Stromba; Strombaject. Androgen. mp = 229.8-242°; $[\alpha]_D = 35.7^\circ$ (CHCl₃), 48.6° (EtOH); $\lambda_m = 223$ nm (ϵ 4740). *Sterling Winthrop, Inc.*

838 Testosterone

58-22-0 9322 200-370-5

$C_{19}H_{28}O_2$

17 β -Hydroxyandrost-4-en-3-one.

Andro 100; Mertestate; Oreton; Synandrol F; Testoderm; Testolin; Testro AQ; Virosterone. Androgen. mp = 155°; $[\alpha]_D^{24} = 109^\circ$ (c = 4 EtOH); $\lambda_m = 238$ nm; soluble in EtOH, Et₂O, other organic solvents; insoluble in H₂O. *Forest Pharmaceuticals Inc.; Sterling Winthrop, Inc.; Schering AG; Pfizer International.*

839 Testosterone Acetate

1045-69-8 9322 213-876-6

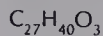
$C_{21}H_{30}O_3$

17-[(1-Oxoacetyl)oxy]androst-4-en-3-one.

Androgen. mp = 140-141°. *Forest Pharmaceuticals Inc.; Mead Johnson Pharmaceuticals; Savage Labs.; Schering AG.*

840 Testosterone Cypionate

58-20-8 9322 200-368-4



17-(Cyclopentyl-1-oxopropoxy)androst-4-en-3-one.

depAndro 100; depAndro 200; Depo; Depovirin; Depotest; Depo-Testosterone; Pertestis; Virilon; component of: Depo-Testadiol. Androgen. mp = 101-102°; $[\alpha]_D^{25} = 87^\circ$ (CHCl_3); soluble in oils. *Forest Pharmaceuticals Inc.; Pharmacia & Upjohn, Inc.; Hoechst-Roussel Pharmaceuticals Inc.*

841 Testosterone Enanthate

315-37-7 9322 206-253-5



17-[(1-Oxoheptyl)oxy]androst-4-en-3-one.

Andro L.A. 200; Delatestyl; NSC-17591; Androtardyl; Everone; Primoteston; Testinon; Testo-Enant; component of: Androgyn L.A., Ditate. Androgen. mp = 36-37.5°. *Forest Pharmaceuticals Inc.; Mead Johnson Pharmaceuticals; Savage Labs.; Schering AG.*

842 Testosterone Ketolaurate

5874-98-6 9322 227-540-1

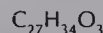


17-[(1,3-Dioxododecyl)oxy]androst-4-en-3-one.

Androgen. *Organon Inc.; Forest Pharmaceuticals Inc.*

843 Testosterone Phenylacetate

5704-03-0 9322

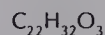


17-[(Phenylacetyl)oxy]androst-4-en-3-one.

Androgen. *Organon Inc.; Forest Pharmaceuticals Inc.*

844 Testosterone Propionate

57-85-2 9322 200-351-1

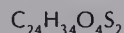


17-[(1-Oxopropionyl)oxy]androst-4-en-3-one.

Anertan; Enarmon; Neo-Hombreol; Orchisterone; Perandren; Synandrol; Synerone; Testex; Testoviron; Virormone. Androgen. mp = 118-122°; $[\alpha]_D^{25} = 83^\circ$ to 90° (c = 1 dioxane); soluble in EtOH, Et₂O, C₅H₅N, other organic solvents; insoluble in H₂O. *Forest Pharmaceuticals Inc.; Mead Johnson Pharmaceuticals; Savage Labs.; Schering AG.*

845 Tiomesterone

2205-73-4 9596 218-614-4

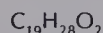


1 α ,7 α -Diacetylthio-17 β -hydroxy-17 α -methylandrost-4-en-3-one.

STA-307; Tiomesterone; Emdabol; Emdabolin; Protabol. Androgen. mp = 205-206°; $[\alpha]_D = -66^\circ$ (dioxane); $\lambda_m = 237.5$ nm (ϵ 19800). *E. Merck.*

846 Trestolone

3764-87-2



17 β -Hydroxy-7 α -methylestr-4-en-3-one.

Androgen.

847 Trestolone Acetate

6157-87-5



17 β -Hydroxy-7 α -methylestr-4-en-3-one acetate.

U-15,614; NSC-69948. Androgen.

Anesthetics, Inhaled

848 Aliflurane

56689-41-9



2-Chloro-1,2,3,3-tetrafluorocyclopropyl methyl ether.

26P. Inhalation anesthetic.

849 Cyclopropane

75-19-4 2817 200-847-8



Cyclopropane.

trimethylene. Inhalation anesthetic. mp = -127°; bp = -33°; 1 l. at NTP weighs 1.879 g.; soluble in H₂O (1 vol/2.7 vols); freely soluble in EtOH, Et₂O.

850 Desflurane

57041-67-5 2965

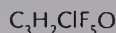


($\pm$)-2-Difluoromethyl 1,2,2,2-tetrafluoroethyl ether.

Suprane; I-653. Inhalation anesthetic. bp = 23.5°; d = 1.44; vapor pressure = 700 mm at 22°. *Anaquest.*

851 Enflurane

13838-16-9 3621 237-553-4



2-Chloro-1,1,2-trifluoroethyl difluoromethyl ether.

Ethrane; Anesthetic Compound No. 347; NSC-115944; methylflurether; Alyrane; Efrane. Inhalation anesthetic. bp = 56.5°; $d_{25}^{25} = 1.5167$; soluble in organic solvents. *Anaquest.*

852 Ethyl Ether

60-29-7 3852 200-467-2



1,1'-Oxybisethane.

diethyl ether; diethyl oxide; ethyl oxide; sulfuric ether; anesthetic ether. Inhalation anesthetic. mp = -123.3°; bp = 34.6°, bp₄₀₀ = 17.9°, bp₂₀₀ = 2.2°, bp₁₀₀ = -11.5°; bp₁₀ = -48.1°, bp₁ = -74.3°; $d_4^{16} = 0.7249$, $d_4^{20} = 0.7134$, $d_4^{30} = 0.7019$; slightly soluble in H₂O, soluble in most organic solvents.

853 Ethylene

74-85-1 3837 200-815-3



Ethene.

elayl; olefiant gas. Inhalation anesthetic. mp = -169.4°; bp₇₀₀ = -102.4°; 1 l NTP weighs 1.260 g; soluble in H₂O (0.25 vol/vol at 0°, 0.11 vol/vol at 25°), EtOH (2 vol/vol), Et₂O, Me₂CO, C₆H₆; LC (mus ihl) = 950000 ppm.

854 Fluroxene

406-90-6 4237 206-977-1



2,2,2-Trifluoroethyl vinyl ether.

Fluoromar. Inhalation anesthetic. $bp_{751} = 42.5^\circ$; $d^{20} = 1.135$. *Anaquest*.

855 Halopropane

679-84-5 4632

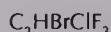


3-Bromo-1,1,2,2-tetrafluoropropane.

FHD-3; Tebron. Inhalation anesthetic. $bp = 74^\circ$; $d_{20} = 1.81$. *E. I. Du Pont de Nemours Inc.*

856 Halothane

151-67-7 4634 205-796-5



2-Bromo-2-chloro-1,1,1-trifluoroethane.

Fluothane; Rhodiolothan. Inhalation anesthetic. $bp = 50.2^\circ$, $bp_{243} = 20^\circ$; slightly soluble in H_2O (0.345 g/100 ml); soluble in organic solvents. *Wyeth-Ayerst Labs.; Hoechst*.

857 Isoflurane

26675-46-7 5191 247-897-7



1-Chloro-2,2,2-trifluoroethyl difluoromethyl ether.

Aerrane; Forane; Compound 469; Forene. Inhalation anesthetic. $bp = 48.5^\circ$; $sg = 1.45$; non-flammable; soluble in most organic solvents. *Anaquest*.

858 Methoxyflurane

76-38-0 6072 200-956-0



2,2-Dichloro-1,1-difluoroethyl methyl ether.

Penthane; NSC-110432; DA-759; Metofane; Pentrane. Inhalation anesthetic. $bp = 105^\circ$, $bp_{100} = 51^\circ$; $mp = -35^\circ$; $d_4^{20} = 1.4262$, 1.4226 . *Abbott Labs.*

859 Methyl Propyl Ether

557-17-5 6192 209-158-7



Methyl n-propyl ether.

1-methoxypropane; Neothyl. Inhalation anesthetic. $bp_{761} = 38.8^\circ$; $d_4^0 = 0.7494$, $d_4^{13} = 0.7356$; soluble in H_2O (3.65 g/100 ml), EtOH, Et_2O .

860 Nitrous Oxide

10024-97-2 6751 233-032-0



Nitrogen oxide.

dinitrogen monoxide; laughing gas; factitious air. Inhalation anesthetic. $mp = -91^\circ$; $bp = -88.5^\circ$.

861 Norflurane

811-97-2 212-377-0



1,1,1,2-Tetrafluoroethane.

HFA-134a. Inhalation anesthetic. *Marion Merrell Dow Inc.*

862 Roflurane

679-90-3



2-Bromo-1,1,2-trifluoroethyl methyl ether.

DA-893. Inhalation anesthetic. *Marion Merrell Dow Inc.*

863 Sevoflurane

28523-86-6 8621



Fluoromethyl-2,2,2-trifluoro-1-(trifluoromethyl)ethyl ether.

Ultane; MR6S4; Sevofrane. Inhalation anesthetic. $bp = 58.5^\circ$, $bp_{751} = 58.1-58.2^\circ$; $d_4^{23} = 1.505$. *Abbott Labs.*

864 Teflurane

124-72-1 9265



2-Bromo-1,1,1,2-tetrafluoroethane.

Abbott-16900; DA-708; Terflurane. Inhalation anesthetic. $bp = 8^\circ$. *Abbott Labs.; Marion Merrell Dow Inc.*

865 Trichloroethylene

79-01-6 9769 201-167-4



1,1,2-Trichloroethene.

Chlorylen; Ethinyl trichloride; Tri-Clene; Trilene; Trichloren; Algylen; Trimar; Triline; Trethylene; Westrosol; Chlorylen; Gemalgene; Germalgene. Inhalation anesthetic. $d_4^4 = 1.4904$, $d_4^{15} = 1.4695$, $d_4^{20} = 1.4642$, $d_4^{25} = 1.4559$; $bp = 86.9^\circ$; $bp_{400} = 67.0^\circ$, $bp_{200} = 48.0^\circ$, $bp_{100} = 31.4^\circ$, $bp_{60} = 20.0^\circ$, $bp_{20} = -1.0^\circ$, $bp_{10} = -12.4^\circ$, $bp_5 = -22.8^\circ$, $bp_1 = -43.8^\circ$; soluble in H_2O (0.11 g/100 ml), EtOH, Et_2O , $CHCl_3$; LD_{50} (rat orl) = 7.16 mg/kg, LC (rat ihl 4 hr) = 8000 ppm. *Schering Corp.*

866 Vinyl Ether

109-93-3 10133 203-720-5



1,1'-Oxybisethene.

Inhalation anesthetic. $bp = 28.4^\circ$; $d_{20}^{20} = 0.774$, $d_4^{20} = 0.773$; soluble in H_2O (0.55 g/100 ml), soluble in organic solvents; LC (mus ihl) = 51233 ppm. *Merck & Co., Inc.*

867 Xenon

7440-63-3 10206 231-172-7



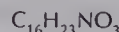
Xenon.

Inhalation anesthetic. Soluble in H_2O (10.8 g/100 g); $bp = -108^\circ$.

Anesthetics, Intravenous

868 Acetamidoeugenol

305-13-5 44



N,N-Diethyl-2-[2-methoxy-4-(2-propenyl)phenoxy]-acetamide.

2-M-4-A; G-29505; Detrovel; Estil. Intravenous anesthetic. $bp_{0.001} = 143-146^\circ$; soluble in H_2O . *Ciba-Geigy Corp.*

869 Alfadolone Acetate

23930-37-2 233 245-942-5



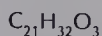
3 α ,21-Dihydroxy-5 α -pregnane-11,20-dione.

GR 2/1574; alphadolone acetate. Intravenous anesthetic. Often used in combination with alfaxalone. $mp = 175-$

177°; $[\alpha]_D^{26} = 97^\circ$ ($c = 1.02$ CHCl_3). *Glaxo Labs.*

870 Alfaxalone

23930-19-0 235



3 α -Hydroxy-5 α -pregnane-11,20-dione.

GR 2/234; alphaxalone; combination with alfadolone acetate: alphadione; alfadione; CT-1341; Alfatésin; Althesin; Saffan. Intravenous anesthetic. Often used in combination with alfadolone. mp = 172-174°; $[\alpha]_D^{26} = 113.4^\circ$ ($c = 1.2$ CHCl_3); [combination with alfadolone acetate]; LD₅₀ mus iv) = 54.7 mg/kg. *Glaxo Labs.*

871 Buthalital

468-65-5 1553

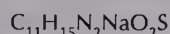


5-Allyl-5-isobutyl-2-thiobarbituric acid.

Intravenous anesthetic. mp = 147°.

872 Buthalital Sodium

510-90-7 1553

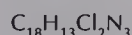


Sodium 5-allyl-5-isobutyl-2-thiobarbiturate.

Baytinal; Buthalitone Sodium; Thialisobumalnatium; Transithal; Ulbreval. Intravenous anesthetic. Freely soluble in H₂O; partly soluble in EtOH; insoluble in Et₂O, C₆H₆.

873 Climazolam

59467-77-5

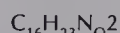


8-Chloro-6-(o-chlorophenyl)-1-methyl-4H-imidazo-[1,5-a][1,4]benzodiazepine.

Anesthetic (intravenous).

874 Etoxadrol

28189-85-7 3933

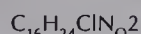


(+)-2-(2-Ethyl-2-phenyl-1,3-dioxolan-4-yl)piperidine.

Intravenous anesthetic. *Cutter Labs.*

875 Etoxadrol (+)-Hydrochloride

23239-37-4 3933

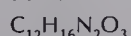


(+)-2-(2-Ethyl-2-phenyl-1,3-dioxolan-4-yl)piperidine hydrochloride.

Thoxan; CL-1848C. Intravenous anesthetic. mp = 221.5-222°; $[\alpha]_D^{25} = 16.63^\circ$. *Cutter Labs.*

876 Hexobarbital

56-29-1 4742 200-264-9

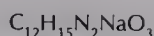


5-(1-Cyclohexen-1-yl)-1,5-dimethylbarbituric acid.

methylhexobarbital; methexenyl; enhexymal; hexobarbitone; Citodon; Citopan; Cyclonal; Dorico; Evipal; Evipan; Hexanastab Oral; Noctivane; Sombucaps; Sombulex; Somnalert. Sedative and hypnotic. Intravenous anesthetic. mp = 145-147°; poorly soluble in H₂O (0.033 g/100 ml); soluble in EtOH, MeOH, Et₂O, CHCl_3 , Me₂CO, C₆H₆. *3M Pharmaceuticals; Sterling Winthrop, Inc.*

877 Hexobarbital Sodium salt

50-09-9 4742 200-009-1

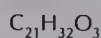


5-(1-Cyclohexen-1-yl)-1,5-dimethylbarbituric acid sodium salt.

hexobarbital soluble; Cyclonal Sodium; Dorico Soluble; Evipal Sodium; Evipan Sodium; Hexanastab; Hexenal; Methexenyl Sodium; Noctivane Sodium; Narcosan Soluble; Privenal. Sedative and hypnotic. Intravenous anesthetic. Very soluble in H₂O; freely soluble in EtOH, MeOH, Me₂CO. *3M Pharmaceuticals; Sterling Winthrop, Inc.*

878 Hydroxydione

53-10-1 4868

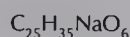


21-Hydroxy-5 β -pregnane-3,20-dione.

Intravenous anesthetic. mp = 195-197°; $[\alpha]_D^{20} = 95^\circ$ (CHCl_3). *Pfizer Inc.*

879 Hydroxydione Sodium Succinate

303-01-5 4868



21-Hydroxy-5 β -pregnane-3,20-dione sodium succinate.

Viadril; Pressuren. Intravenous anesthetic. Dec 193-203°;

λ_m 280 nm (ϵ 93.2); soluble in H₂O, Me₂CO, CHCl_3 . *Pfizer Inc.*

880 Ketamine

6740-88-1 5306 229-804-1

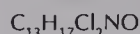


($\pm$)-2-(o-Chlorophenyl)-2-(methylamino)cyclohexanone.

Intravenous anesthetic. mp = 92-93°; $\lambda_m = 301, 276, 268, 261$ nm ($A_{1\text{ cm}}^{1\%}$ 5.0, 7.0, 9.8, 10.5 0.01N NaOH/95% MeOH). *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Fermenta Animal Health Co.; Parke-Davis.*

881 Ketamine Hydrochloride

1867-66-9 5306 217-484-6



($\pm$)-2-(o-Chlorophenyl)-2-(methylamino)cyclohexanone hydrochloride.

Ketaject; Ketalar; Ketaset; Ketavet; Ketanarkon; Ketanest; Vetalar; CI-581; CL369; CN-52,372-2; component of: Ketaset Plus. Intravenous anesthetic. mp = 262=263°; soluble in H₂O (20 g/100 ml); LD₅₀ (rat ip) = 229 $\pm$ 5 mg/kg, (mus ip) = 224 $\pm$ 4 mg/kg. *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Fermenta Animal Health Co.; Parke-Davis.*

882 Methohexital

18652-93-2 6061

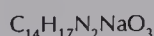


($\pm$)-5-Allyl-1-methyl-5-(1-methyl-2-pentynyl)barbituric acid.

A short-actioning anesthetic. Used to prepare injectable methohexital sodium. Intravenous anesthetic. *Eli Lilly & Co.*

883 Methohexital Sodium

22151-68-4 6061 261-774-5



Sodium 5-allyl-1-methyl-5-(1-methyl-2-pentynyl)barbiturate.

methohexitone sodium; Brevital; Brevital Sodium; Brevimytal Sodium; Brietal Sodium. A short-acting

anesthetic. Intravenous anesthetic. Soluble in H_2O . *Eli Lilly & Co.*

884 Midazolam

59467-70-8 6270



8-Chloro-6-(o-fluorophenyl)-1-methyl-4H-imidazo[1,5-a][1,4]-benzodiazepine.

Intravenous anesthetic. mp = 158-160°; λ_m = 220 nm (ϵ 30000 iPrOH); soluble in H_2O . *Hoffmann-LaRoche Inc.*

885 Midazolam Hydrochloride

59467-96-8 6270 261-776-6



8-Chloro-6-(o-fluorophenyl)-1-methyl-4H-imidazo[1,5-a][1,4]-benzodiazepine hydrochloride.

Hypnovel; Rocam; Versed; Ro-21-3981/003. Intravenous anesthetic. *Hoffmann-LaRoche Inc.*

886 Midazolam Maleate

59467-94-6 6270 261-775-0



8-Chloro-6-(o-fluorophenyl)-1-methyl-4H-imidazo[1,5-a][1,4]-benzodiazepine maleate.

Ro-21-3981/001; Dormicum; Flormidal. Intravenous anesthetic. mp = 114-117°; LD₅₀ (mus orl) = 760 mg/kg, (mus iv) = 86 mg/kg. *Hoffmann-LaRoche Inc.*

887 Phencyclidine

77-10-1 7364

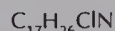


1-(1-Phenylcyclohexyl)piperidine.

HOG; PCP; CI-395; angel dust. Intravenous anesthetic. mp = 46-46.5°; bp_{1.0} = 135-137°; λ_m = 252, 257.5, 262, 268.5 ($E_{1\%}^{1\text{cm}}$ 7.9, 11.2, 13.0, 9.7 0.1N HCl); [hydrobromide]: mp = 214-218°. *Parke-Davis.*

888 Phencyclidine Hydrochloride

956-90-1 7364

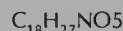


1-(1-Phenylcyclohexyl)piperidine hydrochloride.

Sernyl; Sernylan; CI-395; CN-25,253-2; GP-121; NSC-40902. Intravenous anesthetic. mp = 233-235°; λ_m = 254, 258, 262.5, 269 nm ($E_{1\%}^{1\text{cm}}$ 7.9, 10.8, 12.7, 10.0 EtOH); LD₅₀ (mus orl) = 76.5 mg/kg. *Parke-Davis.*

889 Propanidid

1421-14-3 7986 215-822-7



Propyl 4-[(diethylcarbamoyl)methoxy]-3-methoxyphenyl]acetate.

Epontol; Sombrevin; FBA 1420; Bayer 1420; WH 5668; TH-2180. Intravenous anesthetic. bp_{0.7} = 210-212°; insoluble in H_2O ; soluble in EtOH, $CHCl_3$; LD₅₀ (rat orl) > 10000 mg/kg. *3M Pharmaceuticals Bayer Corp., Pharmaceutical Div.*

890 Propofol

2078-54-8 8020 218-206-6



2,6-Diisopropylphenol.

Diprivan; Disoprivan; Rapinovet; ICI-35868. Intravenous anesthetic. bp₃₀ = 136°, bp₁₇ = 126°; mp = 19°; d₂₀ 0.955. *Zeneca Pharmaceuticals; Ethyl Corp.*

891 Sodium Oxybate

502-85-2 4860 207-953-3



Sodium 4-hydroxybutyrate.

Somsanit; Gamma-OH; σ -OH; sodium σ -oxybutyrate; Somatomax PM; Wy-3478; NSC-84223. Used as an adjunct in anesthesia. Intravenous anesthetic. LD₅₀ (mrat ip) = 2000 mg/kg, (frat ip) = 1650 mg/kg. *Wyeth-Ayerst Labs.*

892 Thialbarbital

467-36-7 9428 207-390-3



5-Allyl-5-(2-cyclohexen-1-yl)-2-thiobarbituric acid.

thialbarbitone; Kemithal. Intravenous anesthetic. mp = 148-150°; [sodium salt ($C_{13}H_{15}N_2NaO_2S$)]: mp = 130-132°; soluble in H_2O , EtOH; insoluble in C_6H_6 , Et_2O . *Abbott Labs.*

893 Thiamylal

77-27-0 9437 201-018-3

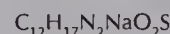


5-Allyl-5-(1-methylbutyl)-2-thiobarbituric acid.

thioseconal. Intravenous anesthetic. mp = 132-133°. *Abbott Labs.; Parke-Davis; Yoshitomi.*

894 Thiamylal Sodium

337-47-3 9437 206-415-5

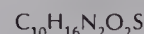


Sodium 5-allyl-5-(1-methylbutyl)-2-thiobarbiturate.

Surital. Intravenous anesthetic. *Abbott Labs.; Parke-Davis; Yoshitomi.*

895 Thiobutabarbital

2095-57-0 9457 218-260-0

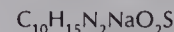


5-sec-Butyl-5-ethyl-2-thiobarbituric acid.

thibutabarbital. Intravenous anesthetic. mp = 163-165°. *Abbott Labs.*

896 Thiobutabarbital Sodium Salt

947-08-0 9457 213-425-3



Sodium 5-sec-butyl-5-ethyl-2-thiobarbiturate.

Inactin; Brevinarcon. Intravenous anesthetic. Readily soluble in H_2O . *Abbott Labs.*

897 Thiopental Sodium

71-73-8 9487 200-763-1



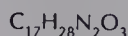
Sodium 5-ethyl-5-(1-methylbutyl)-2-thiobarbiturate.

Pentothal; thiomebumal sodium; penthiobarbital sodium; thiopentone sodium; thionembutal; Intraval Sodium; Nesdonal Sodium; Pentothal Sodium; Trapanal. Intravenous anesthetic. Soluble in H_2O , EtOH; insoluble in C_6H_6 , Et_2O , petroleum ether; LD₅₀ (mus ip) = 149 mg/kg, (mus iv) = 78 mg/kg. *Abbott Labs.*

Anesthetics, Local

898 Ambucaine

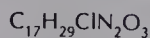
119-29-9 402



2-Diethylaminoethyl 4-amino-2-butoxybenzoate.

ambutoxate. Topical anesthetic. *Sterling Research Labs.***899 Ambucaine Hydrochloride**

5870-25-7 402



2-Diethylaminoethyl 4-amino-2-butoxybenzoate hydrochloride.

Win-3706; Sympocaine. Topical anesthetic. mp = 127°; [dihydrochloride]: mp = 156.8-159° (dec). *Sterling Research Labs.***900 Amolanone**

76-65-3 610



3-[2-(Diethylamino)ethyl]-3-phenyl-2(3H)-benzofuranone.

AP-43; Amethone. Topical anesthetic. mp = 43-44°; bp_{2.0} = 192-194°. *Abbott Labs.***901 Amolanone Hydrochloride**

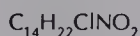
6009-67-2 610



3-[2-(Diethylamino)ethyl]-3-phenyl-2(3H)-benzofuranone hydrochloride.

Amethone hydrochloride. Topical anesthetic. mp = 152-153°; soluble in H₂O. *Abbott Labs.***902 Amylocaine Hydrochloride**

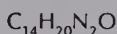
532-59-2 656 208-541-6



1-(Dimethylaminomethyl)-1-methylpropyl benzoate hydrochloride.

Stovaine; amyleine hydrochloride. Topical anesthetic. Dec 177-179°; soluble in H₂O (50 g/100 ml), EtOH (33 g/100 ml); insoluble in Et₂O.**903 Aptocaine**

19281-29-9 242-932-2

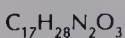


2-Methyl-1-pyrrolidineaceto-o-toluidide.

Used as a local anesthetic.

904 Benoxinate

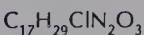
99-43-4 1076



2-(Diethylamino)ethyl 4-amino-3-butoxybenzoate.

oxibuprokain; oxybuprocaine. Topical anesthetic. bp₂ = 215-218°. *Pilkington Barnes Hind; Sandoz Pharmaceuticals Corp.***905 Benoxinate Hydrochloride**

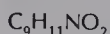
5987-82-6 1076 227-808-8



2-(Diethylamino)ethyl 4-amino-3-butoxybenzoate hydrochloride.

Dorsacaine; Conjuncain; Cebesine; Novesine; Benoxil; Lacrimin; component of: Fluress. Topical anesthetic. mp ≅ 155°, 157-160°; very soluble in H₂O, CHCl₃; soluble inEtOH; insoluble in Et₂O. *Pilkington Barnes Hind; Sandoz Pharmaceuticals Corp.***906 Benzocaine**

94-09-7 1116 202-303-5

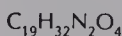


Ethyl p-aminobenzoate.

Americaine; Baby Anbesol; Aethoform; Anesthesin; Anesthone; Orthesin; Parathesin; component of: Anbesol, Anbesol Maximum Strength, Auralgan, Cough-X, Dermoplast, Outgro, Solarcaine Aerosol, Tympagesic.

Topical anesthetic. mp = 88-90°; soluble in H₂O (0.04 g/100 ml), EtOH (20 g/100 ml), CHCl₃ (50 g/100 ml), Et₂O (25 g/100 ml). *Fisons plc, Pharmaceuticals Div.; Savage Labs.; Schering-Plough HealthCare Products; Whitehall Labs.; Astra USA, Inc.; 3M Co. Ascher, B.F. & Co.***907 Betoxycaïne**

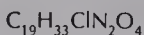
3818-62-0 1235



2-[2-(Diethylamino)ethoxy]ethyl-3-amino-4-butoxybenzoate.

Topical anesthetic. *Corbiere.***908 Betoxycaïne Hydrochloride**

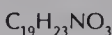
5003-47-4 1235



2-[2-(Diethylamino)ethoxy]ethyl-3-amino-4-butoxybenzoate hydrochloride.

Millicaine. Topical anesthetic. mp = 117°; soluble in MeOH. *Corbiere.***909 Biphenamine**

3572-52-9 1275 222-686-2



2-(Diethylamino)ethyl-2-hydroxy-3-biphenylcarboxylate.

Xenysalate. Topical anesthetic. Antibacterial and antifungal. Soluble in H₂O. *Wallace Labs.***910 Biphenamine Hydrochloride**

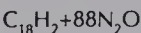
5560-62-3 1275 226-930-9



2-(Diethylamino)ethyl-2-hydroxy-3-biphenylcarboxylate hydrochloride.

Xenysalate; component of: Alvinine Shampoo. Topical anesthetic. Antibacterial and antifungal. *Wallace Labs.***911 Bumecaine**

30103-44-7

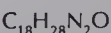


1-Butyl-2',4',6'-trimethyl-2-pyrrolidinecarboxanilide.

Used as a local anesthetic.

912 Bupivacaine

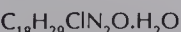
2180-92-9 1520 218-553-3



(±)-1-Butyl-2',6'-pipecoloxylidide.

Anekain; Marcaine. Topical anesthetic. mp = 107-108°. *Astra Chemicals Ltd.; Sterling Winthrop, Inc.***913 Bupivacaine Hydrochloride**

14252-80-3 1520



(±)-1-Butyl-2',6'-pipecoloxylidide

hydrochloride

monohydrate.

Marcaïne; Marcaina; AH-2250; Carbostesin; Sensorcaine; Win-11,318; LAC-43. Topical anesthetic. mp = 255-256°; soluble in H₂O (4.0 g/100 ml), EtOH (12.5 g/100 ml); slightly soluble in Me₂CO, CHCl₃, Et₂O; LD₅₀ (mus iv) = 7.8 mg/kg, (mis sc) = 82 mg/kg. *Astra Chemicals Ltd.; Sterling Winthrop, Inc.*

914 Butacaine

149-16-6 1531 205-734-7
C₁₈H₃₀N₂O₂
3-(Dibutylamino)-1-propanol-p-aminobenzoate (ester).
Butelline. Topical anesthetic. bp_{0.11} = 178-182°;
[hydrochloride (C₁₈H₃₁ClN₂O₂)]: mp = 157-158.5°.
Abbott Labs.

915 Butacaine Sulfate

149-15-5 1531 205-733-1
C₃₆H₆₂N₄O₈
3-(Dibutylamino)-1-propanol-p-aminobenzoate (ester)
sulfate (2:1).
Butyn Sulfate. Topical anesthetic. mp = 138.5-139.5°,
100-103°; soluble in H₂O (>100 g/100 ml); soluble in
EtOH, Me₂CO; slightly soluble in CHCl₃; insoluble in
Et₂O; LD₅₀ (mus iv) = 12.4 mg/kg. *Abbott Labs.*

916 Butamben

94-25-7 1538 202-317-1
C₁₁H₁₅NO₂
Butyl p-aminobenzoate.
Butsein; Butoform; Planoform; Scuroform. Topical
anesthetic. mp = 57-59°; bp₈ = 174°; soluble in H₂O
(0.0143 g/100 ml); soluble in EtOH, Et₂O, CHCl₃. *Abbott
Labs.*

917 Butamben Picrate

577-48-0 1538
C₃₈H₃₃N₅O₁₁
Butyl p-aminobenzoate picrate (2:1).
Abbott-34842. Topical anesthetic. *Abbott Labs.*

918 Butanilcaine

3785-21-5 1542
C₁₃H₁₉ClN₂O
2-(Butylamino)-6'-chloro-o-acetotoluidide.
Topical anesthetic. mp = 45-46°; bp_{0.001} = 145°, bp_{0.5} =
166-167°; [hydrochloride (C₁₃H₂₀Cl₂N₂O)]: mp = 232°,
236-239°; soluble in H₂O; LD₅₀ (mus sc) = 700 mg/kg.
Cilag-Chemie; Hoechst.

919 Butethamine

2090-89-3 1552
C₁₃H₂₀N₂O₂
2-[(2-Methylpropyl)amino]ethanol 4-aminobenzoate.
Topical anesthetic. [formate (C₁₄H₂₂N₂O₄)]: mp = 136-
139°; freely soluble in H₂O, EtOH; soluble in CHCl₃,
Et₂O; slightly soluble in C₆H₆. *Novocol Chem.*

920 Butethamine Hydrochloride

553-68-4 1552
C₁₃H₂₁ClN₂O₂
2-[(2-Methylpropyl)amino]ethanol 4-aminobenzoate

hydrochloride.

lbylcaine; Monocaine. Topical anesthetic. mp = 192-
196°; soluble in H₂O; slightly soluble in EtOH, CHCl₃,
C₆H₆; insoluble in Et₂O. *Novocol Chem.*

921 Butoxycaine

3772-43-8 1566
C₁₇H₂₇NO₃
4-Butoxybenzoic acid 2-(diethylamino)ethyl ester.
Topical anesthetic. *Squibb, E.R. & Sons.*

922 Butoxycaine Hydrochloride

2350-32-5 1566
C₁₇H₂₈ClNO₃
4-Butoxybenzoic acid 2-(diethylamino)ethyl ester
hydrochloride.
Stadacain. Topical anesthetic. mp = 146°. *Squibb, E.R. &
Sons.*

923 Carcainium Chloride

1042-42-8
C₁₈H₂₂ClN₃O₂
Dimethylbis[(phenylcarbamoyl)methyl]ammonium
chloride.
Has properties of a local anesthetic.

924 Carticaine

23964-58-1 1920
C₁₃H₂₀N₂O₃S
4-Methyl-3-[2-(propylamino)propionamido]-2-
thiophenecarboxylic acid methyl ester.
40045; HOE-45; Carticaine. Topical anesthetic. bp_{0.3} =
162-167°. *Hoechst.*

925 Carticaine Hydrochloride

23964-57-0 1920 245-957-7
C₁₃H₂₁ClN₂O₃S
4-Methyl-3-[2-(propylamino)propionamido]-2-
thiophenecarboxylic acid methyl ester hydrochloride.
HOE-045; HOE-40045; Ultacain. Topical anesthetic. mp
= 177-178°; LD₅₀ (mus iv) = 37 mg/kg. *Hoechst.*

926 Chloroprocaine

133-16-4 2210
C₁₃H₁₉ClN₂O₂
2-(Diethylamino)ethyl 4-amino-2-chlorobenzoate.
Topical anesthetic. *Astra USA, Inc.*

927 Chloroprocaine Hydrochloride

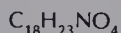
3858-89-7 2210 223-371-2
C₁₃H₂₀Cl₂N₂O₂
2-(Diethylamino)ethyl 4-amino-2-chlorobenzoate
hydrochloride.
Nesacaine. Topical anesthetic. mp = 176-178°; soluble in
H₂O (4.5 g/100 ml), EtOH (1 g/100 ml). *Astra USA, Inc.*

928 Clodacaine

5626-25-5
C₁₆H₂₆ClN₃O
2'-Chloro-2-[(2-(diethylamino)ethyl)-
ethylamino]acetanilide.
Intravenous anesthetic.

929 Cocaethylene

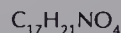
529-38-4 2516



[1R-(exo,exo)]-3-(Benzoyloxy)-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylate acid. ethylbenzoylecgonine; Homocaine. Topical anesthetic. mp = 109°; insoluble in H₂O, soluble in EtOH, Et₂O. Astra USA, Inc.

930 Cocaine

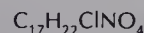
50-36-2 2517 200-032-7



2-Methyl-3β-hydroxy-1αH,5αH-tropane-2β-carboxylate benzoate (ester). benzoylethylecgonine. Topical anesthetic. mp = 98°; bp_{0.1} = 187-188°; [α]_D¹⁸ = -35° (50% EtOH), [α]_D²⁰ = -16° (c = 4 CHCl₃); soluble in H₂O (0.16 g/100 ml at 20°, 0.37 g/100 ml at 80°), EtOH (0.15 g/100 ml), CHCl₃ (1.43 g/100 ml), Et₂O (0.29 g/100 ml); soluble in Me₂CO, EtOAc, CS₂; LD₅₀ (rat iv) = 17.5 mg/kg. Astra USA, Inc.

931 Cocaine Hydrochloride

53-21-4 2517 200-167-1



2-Methyl-3β-hydroxy-1αH,5αH-tropane-2β-carboxylate benzoate (ester) hydrochloride. cocaine muriate. Topical anesthetic. mp ≅ 195°; [α]_D = -72° (c = 2 H₂O, pH 4.5); soluble in H₂O (250 g/100 ml), EtOH (31 g/100 ml at 20°, 50 g/100 ml at 75°)CHCl₃ (8 g/100 ml), glycerol; insoluble in Et₂O. Astra USA, Inc.

932 Cyclomethycaine

139-62-8 2804



3-(2-Methylpiperidino)propyl p-(cyclohexyloxy)benzoate. Surfacaïne; Surfathesin; Topocaine. Topical anesthetic. Eli Lilly & Co.

933 Cyclomethycaine Hydrochloride

537-61-1 2804



3-(2-Methylpiperidino)propyl p-(cyclohexyloxy)benzoate hydrochloride. Surfacaïne. Topical anesthetic. Dec 178-180°; soluble in H₂O (> 1 g/100 ml). Eli Lilly & Co.

934 Diamocaine Cyclamate

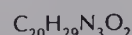
23469-05-8



1-(2-Anilinoethyl)-4-[2-(diethylamino)ethoxy]-4-phenylpiperidine bis(cyclohexanesulfamate). R-10,948. Topical anesthetic. Janssen Pharmaceutical, Belgium.

935 Dibucaine

85-79-0 3081 201-632-1



2-Butoxy-n-[2-(diethylamino)ethyl]cinchoninamide. Topical anesthetic. mp = 64°. Ciba-Geigy Corp.

936 Dibucaine Hydrochloride

61-12-1 3081 200-498-1

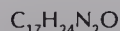


2-Butoxy-N-[2-(diethylamino)ethyl]cinchoninamide hydrochloride.

Nupercaine hydrochloride; Nupercainal; benzolin; Percaine; Cincaïne; Sovcaine; Cinchocaine. Topical anesthetic. Dec 90-98°; λ_m = 247, 320 nm (ε 24700, 8810 1N HCl); soluble in H₂O (200 g/100 ml), EtOH, Me₂CO, CHCl₃; slightly soluble in C₆H₆, C₇H₈, EtOAc; insoluble in Et₂O. Ciba-Geigy Corp.

937 Dimethisoquin

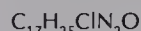
86-80-6 3267 201-700-0



3-Butyl-1-[2-(dimethylamino)ethoxy]isoquinoline. quinisocaine. Topical anesthetic. bp₃ = 155-157°. SmithKline Beecham Pharmaceuticals.

938 Dimethisoquin Hydrochloride

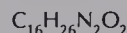
2773-92-4 3267 220-468-1



3-Butyl-1-[2-(dimethylamino)ethoxy]isoquinoline hydrochloride. Isochinol; Pruralgan; Quotane. Topical anesthetic. Soluble in H₂O, EtOH, CHCl₃; insoluble in Et₂O; LD₅₀ (rat ip) = 45-50 mg/kg. SmithKline Beecham Pharmaceuticals.

939 Dimethocaine

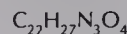
94-15-5 3270



3-(Dimethylamino)-2,2-dimethyl-1-propanol p-aminobenzoate. Larocaine. Topical anesthetic. [hydrochloride (C₁₆H₂₇ClN₂O₂)]: mp = 196-197°; soluble in H₂O (33 g/100 ml), EtOH (10 g/100 ml at 25°, 20 g/100 ml at 75°); insoluble in Et₂O; LD₅₀ (mus sc) = 300 mg/kg.

940 Diperonon

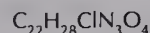
51552-99-9



3-Piperidino-1,2-propanediol dicarbanilate (ester) monohydrate. Local anesthetic.

941 Diperonon Hydrochloride

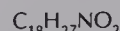
537-12-2 3360 208-659-8



3-Piperidino-1,2-propanediol dicarbanilate (ester) hydrochloride. Diothane hydrochloride; Proctodon. Topical anesthetic. Dec 195-200°; slightly soluble in H₂O (< 1 g/100 ml); soluble in EtOH, Me₂CO, EtOAc; insoluble in C₆H₆, Et₂O. Marion Merrell Dow Inc.

942 Dyclonine

586-60-7 3523



4'-Butoxy-3-piperidinopropiophenone. Topical anesthetic. Astra Chemicals Ltd.

943 Dyclonine Hydrochloride

536-43-6 3523 208-633-6



4'-Butoxy-3-piperidinopropiophenone hydrochloride. Dyclone; Tanaclone. Topical anesthetic. mp = 175-176°;

soluble in H₂O, EtOH, Me₂CO. *Astra Chemicals Ltd.*

944 Ecgonidine

484-93-5 3540 207-610-8

C₉H₁₃NO₂
(1R)-8-Methyl-8-azabicyclo[3.2.1]oct-2-ene-2-carboxylic acid.
anhydroecgonine. Topical anesthetic. [dl-form]: dec 235-236°; soluble in H₂O, sparingly soluble in EtOH; [l-form]: mp = 235°; [α]_D¹⁴ = -84.6° (c = 1.7). *Olin Research Ctr.*

945 Ecgonine

481-37-8 3541 207-565-4

C₉H₁₅NO₃
[1R*-(exo,exo)]-3-Hydroxy-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic acid.
Topical anesthetic. [dl-form trihydrate]: mp = 93-118°.

946 Ecgonine Hydrochloride

5796-31-6 3541

C₉H₁₆ClNO₃
[1R-(exo,exo)]-3-Hydroxy-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic acid hydrochloride.
Topical anesthetic. mp = 246°; [α]_D¹⁵ = -59° (c = 10), soluble in H₂O, slightly soluble in EtOH.

947 Ecgonine l-form Monohydrate

5796-30-5 3541

C₉H₁₅NO₃
l-[1R-(exo,exo)]-3-Hydroxy-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic acid.
Topical anesthetic. mp = 198°; [α]_D¹⁵ = -45° (c = 5); soluble in H₂O (20 g/100 ml), EtOH (1.5 g/100 ml), MeOH (5 g/100 ml); EtOAc (1.3 g/100 ml); sparingly soluble in Me₂CO, Et₂O, C₆H₆, petroleum ether.

948 Embutramide

15687-14-6 239-780-4

C₁₇H₂₇NO₃
N-(β,β-Dimethyl-m-methoxyphenethyl)-4-hydroxybutyramide.
Embutane; T-61; HOE-18 680. Topical anesthetic. *Hoechst Marion Roussel Inc.*

949 Ethyl Chloride

75-00-3 3829 200-830-5

C₂H₅Cl
Chloroethane.
monochlorethane; chlorethyl; aethylis chloridum; ether chloratus; ether hydrochloric; ether muriatic; Kelene; Chelen; Anodynon; Narcotile; Chloryle Anesthetic. Topical anesthetic. mp = -138.7°; bp = 12.3°; d₄⁰ = 0.9214; soluble in H₂O (0.574 g/100 ml), EtOH (48.3 g/100 ml); soluble in Et₂O.

950 Etidocaine

36637-18-0 3907 253-143-8

C₁₇H₂₈N₂O
(±)-2-(Ethylpropylamino-2',6'-butyroxylidide).
Topical anesthetic. *Astra Chemicals Ltd.*

951 Etidocaine Hydrochloride

36637-19-1 3907 253-144-3

C₁₇H₂₉ClN₂O

(±)-2-(Ethylpropylamino-2',6'-butyroxylidide hydrochloride.

Duranest; W-19053. Topical anesthetic. mp = 203-203.5°; LD₅₀ (fmus iv) = 6.7 mg/kg, (fmus sc) = 99 mg/kg. *Astra Chemicals Ltd.*

952 β-Eucaine

500-34-5 3939

C₁₅H₂₁NO₂
2,2,6-Trimethyl-4-piperidinol benzoate (ester).
eucaine-B; betacaine. Topical anesthetic. mp = 70-71°; [hydrochloride (C₁₅H₂₂ClNO₂)]: mp = 277-279°; soluble in H₂O (3.3 g/100 ml), EtOH (2.86 g/100 ml), CHCl₃ (16.67 g/100 ml); MLD (rat iv) = 15-25 mg/kg; [d-form]: mp = 57-58°; [d-form hydrochloride]: [α]_D = 11.5° (H₂O); [l-form]: mp = 57-58°; [l-form hydrochloride]: mp = 244-245°; [α]_D = -11.3° (H₂O).

953 Euprocine

1301-42-4 3950

C₂₄H₃₄N₂O₂
O⁻-Isopentylhydrocupreine.
eucupine; Eucupin. Topical anesthetic. mp = 152°; soluble in EtOH, Et₂O, CHCl₃; insoluble in H₂O; LD₅₀ (mus sc) = 300 mg/kg, (rbit iv) = 13 mg/kg. *Schering Corp.*

954 Euprocine Hydrochloride

18984-80-0 3950

C₂₄H₃₆Cl₂N₂O₂·H₂O
O⁻-Isopentylhydrocupreine dihydrochloride monohydrate.
WI-287; component of: Otodyne. Topical anesthetic. Freely soluble in EtOH, soluble in H₂O (6.6 g/100 ml). *Schering Corp.*

955 Febuverine

7077-33-0

C₂₈H₃₈N₂O₄
1,4-Piperazinediethanol di(2-phenylbutyrate ester).
Local anesthetic.

956 Fenalcomine

34616-39-2 3996

C₂₀H₂₇NO₂
α-Ethyl-p-[2-[(α-methylphenethyl)amino]ethoxy]benzyl alcohol.
Topical anesthetic. *Laroche-Navarron.*

957 Fenalcomine Hydrochloride

34535-83-6 3996 252-075-6

C₂₀H₂₈ClNO₂
α-Ethyl-p-[2-[(α-methylphenethyl)amino]ethoxy]benzyl alcohol hydrochloride.
Cordoxene. Topical anesthetic. *Laroche-Navarron.*

958 Fomocaine

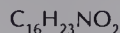
17692-39-6 4259

C₂₀H₂₅NO₂
4-[3-(α-Phenoxy-p-tolyl)propyl]morpholine.
P-652; Erboquin. Topical anesthetic. mp = 52-53°; bp_{1,1} = 238-240°; λ_m = 220, 269 nm (ε 15820, 1373 EtOH); LD₅₀

(mus iv) = 175 mg/kg. *Promonta*.

959 Hexylcaine

532-77-4



1-(Cyclohexylamino)-2-propanol benzoate (ester).
Topical anesthetic. *Merck & Co., Inc.*

960 Hexylcaine Hydrochloride

532-76-3

4746

208-544-2



1-(Cyclohexylamino)-2-propanol benzoate (ester) hydrochloride.

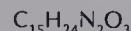
D-109; Cyclaine. Topical anesthetic. mp = 177-178.5°;

soluble in H_2O (< 12 g/100 ml). *Merck & Co., Inc.*

961 Hydroxytetracaine

490-98-2

4894



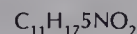
2-Dimethylaminoethyl-4-butylaminosalicylate.

Rhenocain; Salicain. Topical anesthetic. [hydrochloride ($\text{C}_{15}\text{H}_{25}\text{ClN}_2\text{O}_3$): mp = 157°; soluble in H_2O ($\approx$ 4 g/100 ml at 20°). *Rhinepreussen AG*.

962 Isobutamben

94-14-4

202-308-2



Isobutyl p-aminobenzoate.

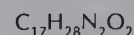
Topical anesthetic.

963 Leucinocaine Mesylate

135-44-4

5476

205-191-6

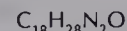


2-(Diethylamino)-4-methyl-1-pentanol p-aminobenzoate (ester).

Panthesin. Topical anesthetic. mp = 171°; soluble in H_2O (33 g/100 ml), EtOH (33 g/100 ml); insoluble in Et_2O , CHCl_3 , EtOAc, Me_2CO , C_6H_6 ; MLD (rbt iv) = 20 mg/kg, (rbt isp) = 10.8 mg/kg.

964 Levobupivacaine

27262-47-1



(-)-1-Butyl-2',6'-pipecoloxylidide.

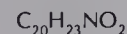
(-)-bupivacaine; ropivacaine; Naropin (hydrochloride). S-

(-)-enantiomer of bupivacaine. Used in obstetric anesthesia. Anesthetic (local). *Astra USA, Inc.*

965 Levoxadrol

4792-18-1

3352



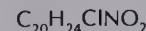
(-)-2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine.

Topical anesthetic.

966 Levoxadrol Hydrochloride

23257-58-1

3352



(-)-2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine hydrochloride.

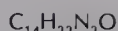
CL-912C; NSC-526063; Levoxan. Topical anesthetic. mp = 248-254°; $[\alpha]_D^{20}$ = -34.5° (c = 2 MeOH); LD₅₀ (mus orl) = 230 mg/kg.

967 Lidocaine

137-58-6

5505

205-302-8



2-(Diethylamino)-2',6'-acetoxylidide.

Lida-Mantle; Solarcaine Aloe Extra Burn Relief Cream; Xyllocaine; lignocaine; Cuivasil; Duncaine; Leostesin; Lidesthesin; Rucaina; Xylocitin; Xylotox; component of: Cracked Heel Relief Cream, Emla Cream, Lidaform HC, Lidamantle HC, Neosporin Plus. Topical anesthetic. mp = 68-69°; bp₄ = 180-182°, bp₂ = 159-160°; soluble in EtOH, Et₂O, C_6H_6 , CHCl_3 ; insoluble in H_2O . *Astra USA, Inc.*; *Bayer Corp., Pharmaceutical Div.*; *Glaxo Wellcome Inc.*; *Schering-Plough HealthCare Products*.

968 Lidocaine Hydrochloride

6108-05-0

5505

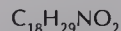


2-(Diethylamino)-2',6'-acetoxylidide hydrochloride.

Lidesthesin; Lignavet; Odontalg; Sedagul; Xylocard; Xyloneural. Topical anesthetic. mp = 77-78°, 127-129°; very soluble in H_2O , EtOH, soluble in CHCl_3 ; insoluble in Et₂O; LD₅₀ (mus orl) = 292 mg/kg, (mus ip) = 105 mg/kg, (mus iv) = 19.5 mg/kg.

969 Lotucaine

52304-85-5



2,2,5,5-Tetramethyl- α -[(o-tolyloxy)methyl]-1-pyrrolidineethanol.

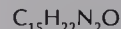
MY-33-7 [as hydrochloride]. Local anesthetic.

970 Mepivacaine

96-88-8

5905

202-543-0



1-Methyl-2',6'-pipecoloxylidide.

Topical anesthetic. mp = 150-151°. *Astra Chemicals Ltd.*; *Sterling Winthrop, Inc.*

971 Mepivacaine Hydrochloride

1722-62-9

5905

217-023-9



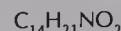
1-Methyl-2',6'-pipecoloxylidide hydrochloride.

Carbocaine; Polocaine; Carbocaina; Chlorocain; Meaverin; Mepicaton; Mepident; Mepivastesin; Optocain; Scandicain. Topical anesthetic. mp = 262-264°; soluble in H_2O ; LD₅₀ (mus sc) = 280 mg/kg, (rat sc) = 500 mg/kg. *Astra Chemicals Ltd.*; *Sterling Winthrop, Inc.*

972 Meprylcaine

495-70-5

5909



2-Methyl-2-(propylamino)-1-propanol benzoate (ester).

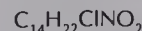
Oracaine. Topical anesthetic. mp = 205°; $[\alpha]_D$ = 200°. *Mizzy*.

973 Meprylcaine Hydrochloride

956-03-6

5909

213-475-6



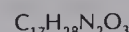
2-Methyl-2-(propylamino)-1-propanol benzoate (ester) hydrochloride.

Topical anesthetic. mp = 150-151°; soluble in H_2O , EtOH. *Mizzy*.

974 Metabutoxycaine

3624-87-1

5978



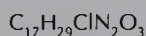
3-Amino-2-butoxybenzoic acid 2-(diethylamino)ethyl

ester.

Topical anesthetic. *Novocol Chem.*

975 Metabutoxycaine Hydrochloride

550-01-6 5978



3-Amino-2-butoxybenzoic acid 2-(diethylamino)ethyl ester hydrochloride.

Primacaine. Topical anesthetic. mp = 117-119°; λ_m = 313 nm ($A_{1\text{ cm}}^{1\%}$ 6.70 H_2O); soluble in H_2O , EtOH; moderately soluble in Me_2CO , CHCl_3 . *Novocol Chem.*

976 Methyl Chloride

74-87-3 6121 200-817-4

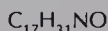


Chloromethane.

Topical anesthetic. mp = -97°; bp = -23.7°; soluble in H_2O (303 ml/100 ml), C_6H_6 (4723 ml/100 ml), CCl_4 (3756 ml/100 ml), EtOH (3740 ml/100 ml); LC (mus ihl) = 3146 ppm.

977 Myrtecaine

7712-50-7 6422 231-735-7

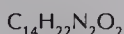


2-[2-(6,6-Dimethyl-2-norpinen-2-yl)ethoxy]triethylamine.

Nopoxamine. Topical anesthetic. bp₂₋₃ = 135-140°.

978 Naepaine

2188-67-2 6435



2-(Pentylamino)ethanol p-aminobenzoate (ester).

Amylsine. Topical anesthetic. mp = 66°; [hydrochloride ($\text{C}_{14}\text{H}_{24}\text{Cl}_2\text{N}_2\text{O}_2$)]: mp = 153.5°, 176°; soluble in H_2O ; sparingly soluble in EtOH; insoluble in Et_2O , CHCl_3 , C_6H_6 .

979 Octacaine

13912-77-1 6839



3-Diethylaminobutyranilide.

Topical anesthetic. mp = 46-47°; bp₁ = 200°; soluble in HCl, Et_2O , EtOH, C_6H_6 . *E. Geistlich Sohne.*

980 Octacaine Hydrochloride

59727-70-7 6839



3-Diethylaminobutyranilide hydrochloride.

Amplacain. Topical anesthetic. mp = 132-134°; soluble in H_2O . *E. Geistlich Sohne.*

981 Octodrine

543-52-8 6854



1,5-Dimethylhexylamine.

SK&F-51; Vaporpac. An α -adrenergic agonist, used as a decongestant. Topical anesthetic. [dl-form]: bp = 154-156°; [hydrochloride ($\text{C}_8\text{H}_{20}\text{ClN}$)]: soluble in H_2O ; LD₅₀ (mus ip) = 59 mg/kg, (rat ip) = 41.5 mg/kg. *SmithKline Beecham Pharmaceuticals.*

982 Orthocaine

536-25-4 7011 208-627-3

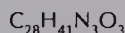


Methyl 3-amino-4-hydroxybenzoate.

Orthoform; Orthoform New. Topical anesthetic. mp = 111°, 143°; insoluble in cold H_2O ; moderately soluble in hot H_2O ; soluble in EtOH (16.67 g/100 ml), Et_2O (2 g/100 ml).

983 Oxethazaine

126-27-2 7067 204-780-5



2,2'-[(2-Hydroxyethyl)imino]bis[N-(α , α -dimethylphenethyl)-N-methylacetamide].

Mucaine; Muthesa; Oxaine M; Tepilta; Wy-806; Storocain; Topicain; component of: Betalgil. Topical anesthetic. Used in combination with aluminum and magnesium hydroxides. mp = 104-104.5°; insoluble in H_2O . *Lederle Labs.*

984 Oxethazaine Hydrochloride

13930-31-9 7067 237-698-3

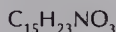


2,2'-[(2-Hydroxyethyl)imino]bis[N-(α , α -dimethylphenethyl)-N-methylacetamide] hydrochloride.

Emoren. Topical anesthetic. Used in combination with aluminum and magnesium hydroxides. mp = 146-147°; soluble in H_2O ; LD₅₀ (mus orl) = 370.5 mg/gk, (mus im) = 229.3 mg/kg, (mus iv) = 3.34 mg/kg, (rat orl) = 580.6 mg/kg, (mus im) = 465.9 mg/kg, (mus iv) = 1.2 mg/kg, (rbt iv) = 0.50 mg/kg. *Lederle Labs.*

985 Parethoxycaine

94-23-5 7171



4-Ethoxybenzoic acid 2-(diethylamino)ethyl ester. diethoxin. Topical anesthetic. *Squibb, E.R. & Sons.*

986 Parethoxycaine Hydrochloride

136-46-9 7171 205-246-4

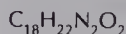


4-Ethoxybenzoic acid 2-(diethylamino)ethyl ester hydrochloride.

Maxicaine. Topical anesthetic. mp = 172.5-173.5°. *Squibb, E.R. & Sons.*

987 Phenacaine

101-93-9 7342

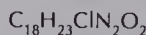


N,N'-Bis(p-ethoxyphenyl)acetamidine.

Holocaine. Topical anesthetic. *Abbott Labs.*

988 Phenacaine Hydrochloride

620-99-5 7342 210-662-4



N,N'-Bis(p-ethoxyphenyl)acetamidine hydrochloride. Topical anesthetic. *Abbott Labs.*

989 Phenacaine Hydrochloride Monohydrate

6153-19-1 7342



N,N'-Bis(p-ethoxyphenyl)acetamidine hydrochloride monohydrate.

Holocaine hydrochloride. Topical anesthetic. mp = 190-192°; soluble in H_2O (2 g/100 ml); freely soluble in boiling H_2O , EtOH, CHCl_3 ; insoluble in Et_2O . *Abbott Labs.*

990 Phenol

108-95-2 7390 203-632-7



Phenol.

carbolic acid; phenic acid; phenylic acid; phenyl hydroxide; hydroxybenzene; oxybenzene; component of: Anbesol, Campho-Phenique Cold Sore Gel, Campho-Phenique Gel, Campho-Phenique Liquid. Topical anesthetic. mp = 43°; bp = 182°; d = 1.071; soluble in H₂O (6.67 g/100 ml), C₆H₆ (8.33 g/100 ml); very soluble in organic solvents; LD₅₀ (rat orl) = 530 mg/kg. *Sterling Health U.S.A.; Whitehall Labs.*

991 Pinolcaine

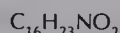
28240-18-8



D-(+)-1-Methyl-1-(1-methyl-2-piperidyl)ethyl diphenylacetate. Local anesthetic.

992 Piperocaine

136-82-3 7627 205-262-1



3-(2-Methylpiperidino)propyl benzoate.

Nethesin; Metycaine. Topical anesthetic. *Eli Lilly & Co.***993 Piperocaine Hydrochloride**

533-28-8 7627

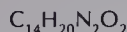


3-(2-Methylpiperidino)propyl benzoate hydrochloride.

Metycaine hydrochloride. Topical anesthetic. mp = 172-175°; soluble in H₂O (100 g/100 ml); soluble in EtOH, CHCl₃; insoluble in Et₂O; LD₅₀ (rat sc) = 1300 mg/kg, (rat iv) = 20 mg/kg. *Eli Lilly & Co.*

994 Piridocaine

87-21-8 7649

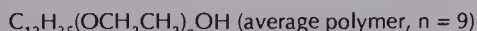


2-Piperidineethanol 2-aminobenzoate (ester).

PD-14; Lucaine. Topical anesthetic. [hydrochloride (C₁₄H₂₁ClN₂O₂)]: mp = 209-211°. *Maltbie Chem.*

995 Polidocanol

3055-99-0 7717 221-284-4

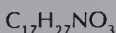


α-Dodecyl-ω-hydroxypoly(oxy-1,2-ethanediyl).

polyethylene glycol (9) monododecyl ether; dodecyl alcohol polyoxyethylene ether; hydroxypolyethoxydodecane; laureth 9; polyoxyethylene lauryl ether; polyethylene glycol monododecyl ether; Aethoxysklerol; Aetoxisclerol; Atlas G-4829; Hetoxol L-9; Lipal 9LA. Also used as a solvent, non-ionic emulsifier, pharmaceutical aid (surfactant), spermatacide. Sclerosing agent; antipruritic; anesthetic (topical). Soluble in H₂O, EtOH, C₇H₈; miscible with hot mineral, natural and synthetic oils; miscible with fats and fatty alcohols; LD₅₀ (mus orl) = 1170 mg/kg, (mus iv) 125 mg/kg. *Kreussler, Chemische-Fabrik.*

996 Pramoxine

140-65-8 7888 205-425-7



4-[3-(p-Butoxyphenoxy)propyl]morpholine.

pramocaine; proxazocain. Topical anesthetic. bp₆ = 196°;bp_{2.8} = 183-184°.**997 Pramoxine Hydrochloride**

637-58-1 7888 211-293-1



4-[3-(p-Butoxyphenoxy)propyl]morpholine hydrochloride.

Proctofoam; Tronolaine; Tronothane; component of: Epifoam, Itch-X, Proctocream-HC, ProctoFoam-HC, ProctoFoam-NS. Topical anesthetic. mp = 181-183°; soluble in H₂O; LD₅₀ (mus iv) = 79.5 mg/kg. *Abbott Labs.; Ross Products.; Schwarz Pharma Kremers Urban Co.*

998 Pribecaine

55837-22-4

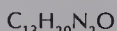


3-Piperidinopropyl m-anistate.

Local anesthetic.

999 Prilocaine

721-50-6 7924 211-957-0



2-(Propylamino)-o-propionotoluidide.

propitocaine. Topical anesthetic. mp = 37-38°; bp_{0.1} = 159-162°. *Astra USA, Inc.*

1000 Prilocaine Hydrochloride

1786-81-8 7924 217-244-0

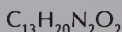


2-(Propylamino)-o-propionotoluidide hydrochloride.

Citanest Plain; Xylonest; L-67; component of: Citanest Forte. Topical anesthetic. mp = 167-168°; readily soluble in H₂O. *Astra USA, Inc.*

1001 Procaine

59-46-1 7937 200-426-9



2-(Diethylamino)ethyl p-aminobenzoate.

Topical anesthetic. mp = 61°; soluble in H₂O (0.5 g/100 ml); soluble in EtOH, Et₂O, C₆H₆, CHCl₃; LD₅₀ (mus ip) = 195 mg/kg, (mus iv) = 45 mg/kg.

1002 Procaine Butyrate

136-55-0 7937

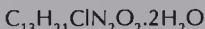


2-(Diethylamino)ethyl p-aminobenzoate butyrate.

Probutylin. Topical anesthetic. Soluble in H₂O, EtOH, oils.

1003 Procaine Dihydrate

6192-89-8 7937

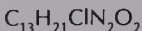


2-(Diethylamino)ethyl p-aminobenzoate hydrochloride dihydrate.

Topical anesthetic. mp = 51°.

1004 Procaine Hydrochloride

51-05-8 7937 200-077-2



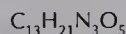
2-(Diethylamino)ethyl p-aminobenzoate hydrochloride.

Novocain; Anestil; Enrpo; Gero; Jenacaine; Medaject; Naucaine; Neocaine; Omnicain; Planocaine; Rocain; Syntocain; component of: Flo-Cillin. Topical anesthetic.

mp = 153-156°; soluble in H₂O (100 g/100 ml), EtOH (3.33 g/100 ml); slightly soluble in CHCl₃; insoluble in Et₂O; LD₅₀ (mus sc) = 660 ± 60 mg/kg. *Bristol-Myers Squibb Co.; Sterling Winthrop, Inc.*

1005 Procaine Nitrate

6192-92-3 7937

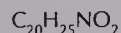


2-(Diethylamino)ethyl p-aminobenzoate nitrate.

Topical anesthetic. mp = 100-102°; soluble in H₂O, EtOH.

1006 Propanocaine

493-76-5 7988 207-778-2

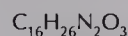


α-(2-Diethylaminoethyl)benzyl benzoate.

Topical anesthetic. Yellow oil.

1007 Proparacaine

499-67-2 7991 207-884-9

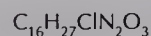


2-(Diethylamino)ethyl 3-amino-4-propoxy benzoate.

proxymetacaine. Topical anesthetic. Used in ophthalmology.

1008 Proparacaine Hydrochloride

5875-06-9 7991 227-541-7

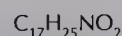


2-(Diethylamino)ethyl 3-amino-4-propoxy benzoate hydrochloride.

Alcaine; Ophthaine; Ophthetic; Ak-Taine. Topical anesthetic. Used in ophthalmology. mp = 182-183.3°; λ_m = 225, 270, 300 nm (MeOH); soluble in H₂O, EtOH, MeOH; insoluble in Et₂O, C₆H₆. *Alcon Labs.; Allergan, Inc.; Apotekon; Solvay Pharmaceuticals.*

1009 Propipocaine

3670-68-6 8016

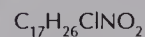


3-Piperidino-4'-propoxypropiophenone.

Topical anesthetic.

1010 Propipocaine Hydrochloride

1155-49-3 8016

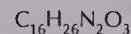


3-Piperidino-4'-propoxypropiophenone hydrochloride.

falicain; Urocomb. Topical anesthetic. mp = 166°; soluble in H₂O, EtOH, Me₂CO.

1011 Propoxycaine

86-43-1 8023 201-670-9

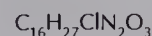


2-(Diethylamino)ethyl 4-amino-2-propoxybenzoate.

Topical anesthetic. *Cook-Waite Labs., Inc.; Sterling Research Labs.*

1012 Propoxycaine Hydrochloride

550-83-4 8023 208-988-7



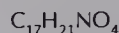
2-(Diethylamino)ethyl 4-amino-2-propoxybenzoate hydrochloride.

Blockain hydrochloride; Ravocaine hydrochloride. Topical anesthetic. mp = 148-150°; freely soluble in H₂O; soluble in EtOH, CHCl₃; sparingly soluble in Et₂O;

insoluble in Me₂CO, CHCl₃. *Cook-Waite Labs., Inc.; Sterling Research Labs.*

1013 Pseudococaine

478-73-9 8097



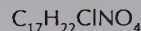
[1R-(2-endo-3-exo)]-3-(Benzolyloxy)-8-methyl-8-

azabicyclo[3.2.1]octane-2-carboxylic acid methyl ester.

depsococaine; dextrocaine; isococaine; Delcaine. Topical anesthetic. mp = 47°; [α]_D²⁰ = 42° (c = 5 CHCl₃); slightly soluble in H₂O; freely soluble in Et₂O, C₆H₆, CHCl₃, petroleum ether.

1014 Pseudococaine Hydrochloride

6363-57-1 8097



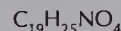
[1R-(2-endo-3-exo)]-3-(Benzolyloxy)-8-methyl-8-

azabicyclo[3.2.1]octane-2-carboxylic acid methyl ester hydrochloride.

Topical anesthetic. mp = 210°; [α]_D²⁰ = 41° (c = 5); soluble in H₂O.

1015 Pseudococaine n-Propyl Ester Analog

55608-72-5 8097



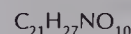
[1R-(2-endo-3-exo)]-3-(Benzolyloxy)-8-methyl-8-

azabicyclo[3.2.1]octane-2-carboxylic acid n-propyl ester.

Neopsicaine. Topical anesthetic.

1016 Pseudococaine Tartrate

1176-03-0 8097 214-643-1



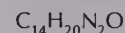
[1R-(2-endo-3-exo)]-3-(Benzolyloxy)-8-methyl-8-

azabicyclo[3.2.1]octane-2-carboxylic acid tartrate.

Psicaine. Topical anesthetic. mp = 139°; [α]_D²⁰ = 43° (c = 5 H₂O); soluble in H₂O (25 g/100 ml), EtOH.

1017 Pyrrocaine

2210-77-7 8197

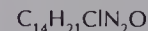


1-Pyrrolidinoaceto-2',6'-xylidide.

EN-1010; NSC-52644; Endocaine; Dynacaine. Topical anesthetic. mp = 83°. *Endo.*

1018 Pyrrocaine Hydrochloride

2210-64-2 8197 218-642-7

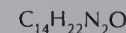


1-Pyrrolidinoaceto-2',6'-xylidide hydrochloride.

Topical anesthetic. mp = 205°; soluble in H₂O, EtOH, iPrOH; insoluble in CHCl₃, Et₂O. *Endo.*

1019 Quatacaine

17692-45-4

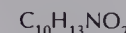


2-Methyl-2-(propylamino)-o-propionotoluidide.

LA-012 [as hydrochloride]. Local anesthetic.

1020 Risocaine

94-12-2 202-306-1



Propyl p-aminobenzoate.

NSC-23516. Topical anesthetic.

1021 Rodocaine

38821-80-6

 $C_{18}H_{25}ClN_2O$

trans-6'-Chloro-2,3,4,4a,5,6,7,7a-octahydro-1H-1-pyridine-1-propiono-o-toluidide.

R 19,317; R 22,700 (hydrochloride). Topical anesthetic. *Janssen Pharmaceutical, Belgium.***1022 Ropivacaine**

84057-95-4

8417

 $C_{17}H_{26}N_2O$

(-)-1-Propyl-2',6'-pipecoloxylidide.

LEA-103. Topical anesthetic. mp = 144-146°; $[\alpha]_D^{25} = -82.0^\circ$ (c = 2 MeOH). *Apothekernes.***1023 Ropivacaine Hydrochloride**

98717-15-8

8417

 $C_{17}H_{27}ClN_2O$

(-)-1-Propyl-2',6'-pipecoloxylidide hydrochloride.

Topical anesthetic. mp = 260-262°; $[\alpha]_D^{25} = -6.6^\circ$ (c = 2 H₂O). *Apothekernes.***1024 Ropivacaine Hydrochloride Monohydrate**

132112-35-7

8417

 $C_{17}H_{27}ClN_2O \cdot H_2O$

(-)-1-Propyl-2',6'-pipecoloxylidide hydrochloride monohydrate.

Topical anesthetic. mp = 269.5-270.6°; $[\alpha]_D^{20} = -7.28^\circ$ (c = 2 H₂O). *Apothekernes.***1025 Salicyl Alcohol**

90-01-7

8477

201-960-5

 $C_7H_8O_2$

o-Hydroxybenzyl alcohol.

Saligenin, Saligenol; Salicain. Topical anesthetic. mp = 86-87°; d = 1.16; soluble in H₂O 6.6 g/100 ml; very soluble in EtOH, Et₂O; soluble in C₆H₆.**1026 Sameridine**

143257-97-0

 $C_{21}H_{34}N_2O$

N-Ethyl-1-hexyl-N-methyl-4-phenylisonipecotamide.

Local anesthetic with opioid properties.

1027 Tetracaine

94-24-6

9330

202-316-6

 $C_{15}H_{24}N_2O_2$

2-(Dimethylamino)ethyl p-(butylamino)benzoate.

Medihaler-Tetracaine; Metraspray; Pontocaine. Topical anesthetic. *3M Pharmaceuticals; Abbott Labs.; Sterling Winthrop, Inc.***1028 Tetracaine Hydrochloride**

136-47-0

9330

205-248-5

 $C_{15}H_{25}ClN_2O_2$

2-(Dimethylamino)ethyl p-(butylamino)benzoate hydrochloride.

Anethaine; Decicain, Pantocaine; Tonexol; Pontocaine Hydrochloride; component of: Fulvidex. Topical anesthetic. mp = 147-150°; λ_m 225, 310 nm (ϵ 14108, 26352 H₂O), 229, 281, 312 nm ($E_{1\text{ cm}}^{1\%}$ 509, 55, 76 0.1N H₂SO₄), 226, 310 nm (ϵ 7586, 29512 MeOH), 308 nm (ϵ 27542 CHCl₃); soluble in H₂O (13.3 g/100 ml), EtOH (2.5 g/100 ml), CHCl₃ (3.3 g/100 ml); insoluble in Et₂O, C₆H₆, Me₂CO; LD₅₀ (mus ip) = 70 mg/kg, (fmus iv) = 13 mg/kg, (fmus sc) = 35 mg/kg. *Abbott Labs.; Alcon Labs.; Ciba Vision Ophthalmics; Schering-Plough Animal Health; Sterling Winthrop, Inc.***1029 Tolycaine**

3686-58-6

9679

222-976-9

 $C_{15}H_{22}N_2O_3$

Methyl 2-[2-(diethylamino)acetamido]-m-toluate.

Topical anesthetic. bp₅ = 190-192°. *Bayer Corp., Pharmaceutical Div.; Schenley.***1030 Tolycaine Hydrochloride**

7210-92-6

9679

230-590-7

 $C_{15}H_{23}ClN_2O_3$

Methyl 2-[2-(diethylamino)acetamido]-m-toluate hydrochloride.

Baycain. Topical anesthetic. mp = 139-140.5°. *Bayer Corp., Pharmaceutical Div.; Schenley.***1031 Trapencaine**

104485-01-0

 $C_{22}H_{34}N_2O_3$

(±)-trans-2-(1-Pyrrolidinyl)cyclohexyl m-(pentyloxy)-carbanilate.

pentacaine. Local anesthetic; antiulcerative; gastroprotective.

1032 Trimecaine

616-68-2

9830

210-487-3

 $C_{15}H_{24}N_2O$

2-Diethylamino-2',4',6'-trimethylacetanilide.

Mesocaine; Mesidicaine; Mesokain. Topical anesthetic. mp = 4°; bp₆ = 187°, bp_{0.6} = 154-155°; [hydrochloride (C₁₅H₂₅ClN₂O)]; mp = 140°; LD₅₀ (mus sc) = 295 mg/kg. *Astra USA, Inc.***1033 Vadocaine**

72005-58-4

 $C_{18}H_{28}N_2O_2$

(±)-6'-Methoxy-2-methyl-1-piperidinepropiono-2',4'-xylidide.

OR-K-242. Anilide derivative. Local anesthetic; antitussive.

1034 Zolamine

553-13-9

10319

 $C_{15}H_{21}N_3OS$

2-[[2-(Dimethylamino)ethyl]-(p-methoxybenzyl)amino]thiazole.

Topical anesthetic. bp₇ = 217-219°.**1035 Zolamine Hydrochloride**

1155-03-9

10319

 $C_{15}H_{22}ClN_3OS$

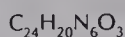
2-[[2-(Dimethylamino)ethyl]-(p-methoxybenzyl)amino]thiazole hydrochloride.

194-B; WI 291; component of: Otodyne. Topical anesthetic. mp = 167.5-167.8°; soluble in H₂O. *Schering Corp.*

Angiotensin II Antagonists

1036 Candesartan

139481-59-7 1788

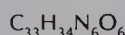


2-Ethoxy-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-7-benzimidazolecarboxylic acid.

CV-11974. Non-peptidic angiotensin II receptor antagonist. Antihypertensive. mp = 183-185°. *Takeda*.

1037 Candesartan Clixetil

145040-37-5 1788

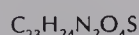


(±)-1-Hydroxyethyl 2-ethoxy-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-7-benzimidazolecarboxylate cyclohexylcarbonate (ester).

TCY-116. Ester prodrug of candesartan. Non-peptidic angiotensin II receptor antagonist. Used as an antihypertensive. mp = 163° (dec). *Takeda*.

1038 Eprosartan

133040-01-4 3669



(E)-2-Butyl-1-(p-carboxybenzyl)-α-2-thenylimidazole-5-acrylic acid.

SK&F-108566. Non-peptidic angiotensin II receptor antagonist. Used as an antihypertensive. mp = 260-261°. *SmithKline Beecham Pharmaceuticals*.

1039 Eprosartan Methanesulfonate

144143-96-4 3669



(E)-2-Butyl-1-(p-carboxybenzyl)-α-2-thenylimidazole-5-acrylic acid monomethanesulfonate.

SK&F-108566); Eprosartan mesylate. Non-peptidic angiotensin II receptor antagonist. Used as an antihypertensive. *SmithKline Beecham Pharmaceuticals*.

1040 Irbesartan

138402-11-6 5097



2-Butyl-3-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-1,3-diazaspiro[4.4]non-1-en-4-one.

BMS-186295; SR-47436. Non-peptidic angiotensin II receptor antagonist. Used as an antihypertensive. mp = 180-181°. *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Sanofi, Inc.*

1041 Losartan

114798-26-4 5613

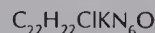


2-Butyl-4-chloro-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]imidazole-5-methanol.

Non-peptidic angiotensin II receptor antagonist. Used as an antihypertensive. mp = 183.5-184.5°. *DuPont Merck Pharmaceutical Co.; Merck & Co., Inc.*

1042 Losartan Potassium Salt

124750-99-8 5613

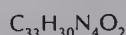


2-Butyl-4-chloro-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-imidazole-5-methanol monopotassium salt.

Cozaar; DuP 753; component of: Hyzaar. Non-peptidic angiotensin II receptor antagonist. Used as an antihypertensive. *DuPont Merck Pharmaceutical Co.**Merck & Co., Inc.*

† 1043 Telmisartan

144701-48-4

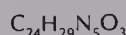


4'-[[4-Methyl-6-(1-methyl-2-benzimidazolyl)-2-propyl-1-benzimidazolyl]methyl]-2-biphenylcarboxylic acid.

BIBR 277 SE. Non-peptidic angiotensin II receptor antagonist. Used as an antihypertensive. *Boehringer Ingelheim GmbH*.

1044 Valsartan

137862-53-4 10051

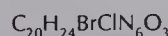


N-[p-(o-1H-Tetrazol-5-ylphenyl)benzyl]-N-valeryl-L-valine.

CGP 48933. Non-peptidic angiotensin II receptor antagonist. Used as an antihypertensive. mp = 116-117°. *Ciba-Geigy Corp.*

1045 Zolasartan

145781-32-4



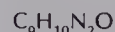
1-[[3-Bromo-2-(o-1H-tetrazol-5-ylphenyl)-5-benzofuranyl]methyl]-2-butyl-4-chloroimidazole-5-carboxylic acid.

GR-117289. Selective, potent, orally active, long-acting nonpeptide angiotensin II type 1 receptor antagonist. Analog of losartan. Antihypertensive.

Anorexics

1046 Aminorex

2207-50-3 497

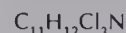


2-Amino-5-phenyl-2-oxazoline.

McN-742; NSC-66592; aminoxafen; aminoxaphen; [fumarate] Menocil; Apiquel. Anorexic. An appetite suppressant; Apiquel is the fumarate. mp = 136-138°. *McNeil Pharmaceutical*.

1047 Amfecloral

5581-35-1 620



α-Methyl-N-(2,2,2-trichloroethylidene)phenethylamine.

Acutran; Amfecloral. Anorexic. [dl form]: bp_{0.5} = 95°; [d form]: [α]_D = 49.9° (c = 5 dioxane).

1048 Amphetamine

300-62-9 623 206-096-2

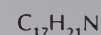


(±)-α-Methylphenethylamine.

Actedron; Allodene; Adipan; Sympatedrine; Psychedrine; Isomyn; Isoamylne; Mecodrin; Norephedrine; Novydrine; Elastonon; Ortedrine; Phenedrine; Profamina; Propisamine; Sympamine; Simpatedrin. Anorexic and CNS stimulant. d₄²⁵ = 0.913; bp = 200-203°, bp₁₃ = 82-85°; soluble in H₂O, EtOH, Et₂O; LD₅₀ (rat sc) = 180 mg/kg. *Interco Fribourg*.

1049 Benzphetamine

156-08-1 1151



N-Benzyl-N,α-dimethylphenethylamine.

Anorexic and CNS stimulant. $bp_{0.02} = 127^\circ$; insoluble in H_2O ; soluble in MeOH, EtOH, Et_2O , C_6H_6 , $CHCl_3$, Me_2CO . *Pharmacia & Upjohn, Inc.*

1050 Benzphetamine Hydrochloride

5411-22-3 1151 226-489-2
 $C_{17}H_{22}ClN$
 N-Benzyl-N, α -dimethylphenethylamine hydrochloride.
 Didrex; Inapetyl. Anorexic and CNS stimulant. mp = 129-130°; soluble in H_2O , EtOH; dextrorotatory. *Pharmacia & Upjohn, Inc.*

1051 Chlorphentermine

461-78-9 2235 207-314-9
 $C_{10}H_{14}ClN$
 4-Chloro- α,α -dimethylbenzeneethanamine.
 clorfermina; Lucofen; Teramine. Anorexic and CNS stimulant. $bp_2 = 100-102^\circ$. *Parke-Davis.*

1052 Chlorphentermine Hydrochloride

151-06-4 2235 205-782-9
 $C_{10}H_{15}Cl_2N$
 4-Chloro- α,α -dimethylbenzeneethanamine hydrochloride.
 Pre-Sate; S-62; W 2426; NSC-76098. Anorexic; CNS stimulant. mp = 234°; soluble in H_2O (> 20 g/100 ml); LD_{50} (mus orl) = 270 mg/kg, (mus sc) = 267 mg/kg. *Parke-Davis.*

1053 Clobenzorex

13364-32-4 2421
 $C_{16}H_{18}ClN$
 (+)-N-(o-Chlorobenzyl)- α -methylphenethylamine.
 SD 271-12. Anorexic. $bp_{0.1} = 132-134^\circ$. *Soc. Ind. Fabric. Antiboit.*

1054 Clobenzorex Hydrochloride

5843-53-8 2421
 $C_{16}H_{19}Cl_2N$
 (+)-N-(o-Chlorobenzyl)- α -methylphenethylamine hydrochloride.
 Ba-7205; SD-271-12; Dinintel; Rexigen. Anorexic. mp = 182-183°; $[\alpha]_D^{20} = 26.3$ (H_2O); soluble in H_2O , EtOH; less soluble in MeOH, $CHCl_3$; LD_{50} (mus ip) = 103 mg/kg. *Soc. Ind. Fabric. Antiboit.*

1055 Cloforex

14261-75-7 2440
 $C_{13}H_{18}ClNO_2$
 Ethyl (p-chloro- α,α -dimethylphenethyl)carbamate.
 D-237; Avicol SL; Frenapyl; Oberex. Anorexic. mp = 52.5-53°; $bp_{0.005} = 88-90^\circ$. *Troponwerke Dinklage.*

1056 Clominorex

3876-10-6
 $C_9H_9ClN_2O$
 2-Amino-5-(p-chlorophenyl)-2-oxazoline.
 McN-1107. Anorexic. *McNeil Pharmaceutical.*

1057 Clortermine

10389-73-8 2472
 $C_{10}H_{14}ClN$
 o-Chloro- α,α -dimethylphenethylamine.

Anorexic. $bp_{16} = 116-118^\circ$. *Ciba-Geigy Corp.*

1058 Clortermine Hydrochloride

10389-72-7 2472
 $C_{10}H_{15}Cl_2N$
 o-Chloro- α,α -dimethylphenethylamine hydrochloride.
 Su-10568; Voranil. Anorexic. mp = 245-246°; LD_{50} (rat orl) = 332 $\pm$ 23 mg/kg. *Ciba-Geigy Corp.*

1059 Cyclexedrine Hydrochloride

64011-61-6 2776
 $C_{10}H_{22}ClN$
 N, β -Dimethylcyclohexaneethanamine hydrochloride.
 Eventin. Anorexic. mp = 138-140°; soluble in H_2O , EtOH, $CHCl_3$; slightly soluble in Et_2O ; LD_{50} (mus orl) = 304 mg/kg. *Knoll Pharmaceutical Co.*

1060 Cylexedrine

532-52-5 2776
 $C_{10}H_{21}N$
 N, β -Dimethylcyclohexaneethanamine.
 ethylhexedrine; isopropylhexedrine. Anorexic. *Knoll Pharmaceutical Co.*

1061 Dexfenfluramine

3239-44-9 4015
 $C_{12}H_{16}F_3N$
 (+)-(S)-N-Ethyl- α -methyl-m-(trifluoromethyl)-phenethylamine.
 Redux; S 5614; fenfluramine; S-768. Anorexic; appetite suppressant. $bp_{12} = 108-112^\circ$; $[\alpha]_D^{25} = 9.5^\circ$ (c = 8 EtOH); LD_{50} (mus ip) = 144 mg/kg, (rat orl) = 114.6 mg/kg; [I form]: $[\alpha]_D^{25} = -9.6^\circ$ (c = 8 EtOH); LD_{50} (rat orl) = 195 mg/kg. *Interneuron Pharmaceuticals, Inc.; Wyeth Labs.*

1062 Dexfenfluramine Hydrochloride

3239-45-0 4015 221-806-0
 $C_{12}H_{17}ClF_3N$
 (+)-(S)-N-Ethyl- α -methyl-m-(trifluoromethyl)-phenethylamine hydrochloride.
 S 5614 HCl; fenfluramine hydrochloride; Acino; Adipomin; Obedrex; Pesos; Ponderal; Ponderax; Ponderex; Pondimin; Rotondin; Adifax; Glypolix; Isomeride. Anorexic. Systemic appetite suppressant. mp = 160-161°; [I form]: mp = 160-161°. *Interneuron Pharmaceuticals, Inc.; Wyeth Labs.*

1063 Dextroamphetamine Sulfate

51-63-8 2996 200-111-6
 $C_{18}H_{28}N_2O_4S$
 (+)- α -Methylphenethylamine sulfate.
 Dexedrine; Dexamyl; Eskatrol; Dexamper; Dexedrine sulfate; Afatin; Dexamphetamine; d-Amfetasil; Domafate; Obesedrin; Dexten; Maxiton; Sympamin; Simpamina-D; Albemap; Dadex; Ardex; Dexalone; Amsustain; Betafedrina; d-Betafedrine; Diocurb. CNS stimulant and anorexic. mp > 300°; $[\alpha]_D^{20} = 21.8^\circ$ (c = 2); soluble in H_2O (10 g/100 ml), EtOH (0.2 g/100 ml); LD_{50} (mus orl) = 10 mg/kg. *SmithKline Beecham Pharmaceuticals.*

1064 d-Furfenorex

3776-93-0 4327 223-233-1
 $C_{15}H_{19}NO$
 (+)-N-Methyl-N-(α -methylphenethyl)furfurylamine.

Anorexic. $bp_{0.1} = 103-106^\circ$. *S.I.F.A.*

1065 d-Furfenorex Cyclamate

3776-92-9 4327 223-232-6

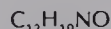


(+)-N-Methyl-N-(α -methylphenethyl)furfurylamine cyclohexylsulfamate.

Anorexic. mp = 90-92°; $[\alpha]_D^{20} = 12.7^\circ$ (c = 1 H₂O). *S.I.F.A.*

1066 Diethylpropion

90-84-6 3175 202-019-1

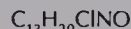


2-(Diethylamino)propiofenone.

Amfepramone. Anorexic and CNS stimulant. *Marion Merrell Dow Inc.; 3M Pharmaceuticals.*

1067 Diethylpropion Hydrochloride

134-80-5 3175 205-281-5

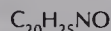


2-(Diethylamino)propiofenone hydrochloride.

Tenuate; Tepanil; Anfamon; Anorex; Danylen; Dobesin; Frekentine; Keramik; Keramin; Magrene; Modulor; Moderatan; Parabolin; Prefamone; Regenor; Tenuate Dospan; Tylinal. A proprietary preparation of edrophonium chloride, a cholinergic agent used in the diagnosis of myasthenia gravis. mp = 168° (dec). *Marion Merrell Dow Inc.; 3M Pharmaceuticals.*

1068 Difemetorex

13862-07-2 3362



2-(Diphenylmethyl)-1-piperidineethanol.

Ba-28289; Cleofil; Diphemethoxidine. Anorexic. mp = 106-107°; $bp_{0.1} = 180-181^\circ$; [hydrochloride]: mp = 166-167°. *Ciba-Geigy Corp.*

1069 Etilamfetamine

457-87-4 3809

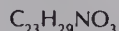


N-Ethyl- α -methylphenethylamine.

N-Ethylamphetamine; Adiparthrol; Apetinitil. Anorexic and CNS stimulant. $bp_{14} = 104.5-106^\circ$; [d-form hydrochloride]: mp = 154-156°; $[\alpha]_D^{15} = 17.2^\circ$ (c = 2 H₂O); [l-form hydrochloride]: mp = 155-156°; $[\alpha]_D^{25} = -17.3^\circ$ (c = 2 H₂O). *Sterling Health U.S.A.*

1070 Fenbutrazate

4378-36-3 4005 224-480-8

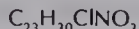


2-(3-Methyl-2-phenylmorpholino)ethyl 2-phenylbutyrate.

phenbutrazate. Anorexic. $bp_{0.005} = 235-240^\circ$; soluble in MeOH. *Ravensberg.*

1071 Fenbutrazate Hydrochloride

6474-85-7 4005 229-330-5

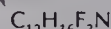


2-(3-Methyl-2-phenylmorpholino)ethyl 2-phenylbutyrate hydrochloride.

R-381. Anorexic. mp = 154°; soluble in EtOH, Me₂CO; slightly soluble in H₂O; insoluble in Et₂O, C₆H₆; LD₅₀ (mus orl) = 3200 mg/kg, (mus sc) = 2800 mg/kg. *Ravensberg.*

1072 Fenfluramine

404-82-0 4015 206-968-2

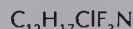


N-Ethyl- α -methyl-m-(trifluoromethyl)phenethylamine.

S-768. Anorexic. $bp_{12} = 108-112^\circ$; $[\alpha]_D^{25} = 9.5^\circ$ (c = 8 EtOH); LD₅₀ (mus ip) = 144 mg/kg, (rat orl) = 114.6 mg/kg; [l form]: $[\alpha]_D^{25} = -9.6^\circ$ (c = 8 EtOH); LD₅₀ (rat orl) = 195 mg/kg. *Taiho; C.M. Industries.*

1073 Fenfluramine Hydrochloride

458-24-2 4015 207-276-3



N-Ethyl- α -methyl-m-(trifluoromethyl)phenethylamine hydrochloride.

Ponderax PA; Pondimin; Acino; Adipomin; Obedrex; Pesos; Ponderex; Pondimin; Rotondin. Anorexic. mp = 166°; [d form]: mp = 160-161°; [l form]: mp = 160-161°. *Taiho; C.M. Industries.*

1074 Fenisorex

34887-52-0

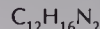


cis-7-Fluoro-1-phenyl-3-isochromanmethylaniline.

Anorexic. *3M Pharmaceuticals.*

1075 Fenproporex

15686-61-0 4036 239-772-0

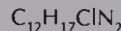


($\pm$)-3-[(α -Methylphenethyl)amino]propionitrile.

($\pm$)-N-2-cyanoethylamphetamine. Anorexic. $bp_2 = 126-127^\circ$. *Bottu.*

1076 Fenproporex Hydrochloride

18305-29-8 4036 242-191-5



($\pm$)-3-[(α -Methylphenethyl)amino]propionitrile hydrochloride.

Gacilin; Solvolip. Anorexic. mp = 146°; soluble in H₂O, EtOH. *Bottu.*

1077 Fludorex

15221-81-5

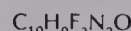


β -Methoxy-N-methyl-m-(trifluoromethyl)phenethylamine.

Win-11464. Anorexic and anti-emetic. *Sterling Winthrop, Inc.*

1078 Fluminorex

720-76-3



2-Amino-5-(α,α,α -trifluoro-p-tolyl)-2-oxazoline.

McN-1231. Anorexic. *McNeil Pharmaceutical.*

1079 dl-Furfenorex

14817-79-9 4327



($\pm$)-N-Methyl-N-(α -methylphenethyl)furfurylamine.

Anorexic. $bp_{0.1} = 103-106^\circ$. *S.I.F.A.*

1080 dl-Furfenorex Cyclamate

14611-84-8 4327



($\pm$)-N-Methyl-N-(α -methylphenethyl)furfurylamine cyclohexylsulfamate.

Frugalan. Anorexic. mp = 113-114°. *S.I.F.A.*

1081 Levofenfluramine

37577-24-5 4015

$C_{12}H_{16}F_3N$

(-)-(R)-N-Ethyl- α -methyl-m-(trifluoromethyl)phenethylamine.

Anorexic. $[\alpha]_D^{25} = -9.6^\circ$ (c = 8 EtOH); LD₅₀ (rat orl) = 195 mg/kg. *Interneuron Pharmaceuticals, Inc.*

1082 Levophacetoperane

24558-01-8 5493

$C_{14}H_{19}NO_2$

1-Phenyl-1-(2'-piperidyl)-1-acetoxymethane.

RP-8228; phacetoperane. Anorexic. *Rhône-Poulenc.*

1083 Levophacetoperane Hydrochloride

23257-56-9 5493 245-536-8

$C_{14}H_{20}ClNO_2$

1-Phenyl-1-(2'-piperidyl)-1-acetoxymethane hydrochloride.

Lidepran. Anorexic. mp = 229-230°; levorotatory. *Rhône-Poulenc.*

1084 Mazindol

22232-71-9 5801 244-857-0

$C_{16}H_{13}ClN_2O$

5-(p-Chlorophenyl)-2,5-dihydro-3Himidazo[2,1-a]isindol-5-ol.

Mazanor; Sanorex; SaH-42548; Magrilon; Mazildene; Terenac; Teronac. CNS stimulant and anorexic. mp = 215-217°, 198-199°; $\lambda_m = 223, 268.5, 272$ nm (ϵ 19000, 4400, 4400 95% EtOH); insoluble in H₂O, soluble in EtOH. *Wyeth-Ayerst Labs.; Sandoz Pharmaceuticals Corp.*

1085 Mefenorex

17243-57-1 5843 241-279-0

$C_{12}H_{18}ClN$

N-(3-Chloropropyl)- α -methylphenethylamine.

Anorexic. *Hoffmann-LaRoche Inc.*

1086 Mefenorex Hydrochloride

5586-87-8 5843 226-985-9

$C_{12}H_{19}Cl_2N$

N-(3-Chloropropyl)- α -methylphenethylamine hydrochloride.

Ro-4-5282; Incital; Pondinil; Pondinol; Rondimen. Anorexic. mp = 128-130°. *Hoffmann-LaRoche Inc.*

1087 Metamfepramone

15351-09-4 5984 239-384-1

$C_{11}H_{15}NO$

2-(Dimethylamino)propiophenone.

MG-559. Anorexic. [dl form]: bp₁₃ = 126°; [l form]: $[\alpha]_D^{26} = -60^\circ$; [dl-form hydrochloride; Efficone]: mp = 201-202°, 202-204° (dec); [l-form hydrochloride]: mp = 197-199° $[\alpha]_D^{26} = -52.5^\circ$.

1088 Methamphetamine

537-46-2 6015 208-668-7

$C_{10}H_{15}N$

(+)-(S)-N- α -Dimethylphenethylamine.

methyl- β -phenylisopropylamine; Norodin. Anorexic. *Abbott Labs.; Sterling Winthrop, Inc.*

1089 Methamphetamine Hydrochloride

51-57-0 6015 200-106-9

$C_{10}H_{16}ClN$

(+)-(S)-N- α -Dimethylphenethylamine hydrochloride.

Desoxyn; Desyphed; Speed; Meth; Ice; Amphetroxyn; Desfedrin; Desoxyfed; Destim; Doxephin; Drinalfa; Efroxine; Gerobit; Hiropon; Isophen; Madrine; Methampex; Methedrine; Methylisomin; Pervitin; Semoxydrine; Soxysympamine; Syndrox; Tonedron.

Anorexic. mp = 170-175°; $[\alpha]_D^{25} = 14 - 20^\circ$; soluble in H₂O, EtOH, CHCl₃; insoluble in other organic solvents; LD₅₀ (mus ip) = 70 mg/kg. *Abbott Labs.; Sterling Winthrop, Inc.*

1090 Norpseudoephedrine

36393-56-3 6811 253-014-6

$C_9H_{13}NO$

(R*,R*)- α -(1-Aminoethyl)benzenemethanol.

pseudonoephedrine; Katine; Cathine. Anorexic. [D form]: mp = 77.5-78°; $[\alpha]_{546}^{20} = 37.9^\circ$ (c = 3 MeOH); soluble in EtOH, CHCl₃, Et₂O.

1091 Norpseudoephedrine Hydrochloride

2153-98-2 6811 218-446-1

$C_9H_{14}ClNO$

(R*,R*)- α -(1-Aminoethyl)benzenemethanol hydrochloride.

Amorphan; Adiposetten; Exponcit N; Fasupond; Fugoa; Minusin. Anorexic. [D form]: mp = 180-181°; $[\alpha]_D^{20} = 43.2^\circ$; LD₅₀ (mus sc) = 275 mg/kg; [dl form]: mp = 169-171°.

1092 Pentorex

434-43-5 7275 207-102-6

$C_{11}H_{17}N$

2-Phenyl-2-methyl-3-butylamine.

phenpentermine. Anorexic. *Nordmark.*

1093 Pentorex (dl)

46029-44-1 7275

$C_{11}H_{17}N$

DL-2-Phenyl-2-methyl-3-butylamine.

DL-phenpentermine. Anorexic. bp₂₀ = 109-111°. *Nordmark.*

1094 Pentorex Hydrochloride

5585-52-4 7275

$C_{11}H_{18}ClN$

2-Phenyl-2-methyl-3-butylamine hydrochloride.

Anorexic. mp = 164-166°. *Nordmark.*

1095 Pentorex Hydrogen Tartrate

22232-55-9 7275

$C_{15}H_{23}NO_6$

2-Phenyl-2-methyl-3-butylamine hydrogen D-tartrate.

Liprodene; Modatrop. Anorexic. mp = 160-162°; $[\alpha]_D^{20} = 13.4^\circ$ (c = 0.8 H₂O); [D form]: mp = 167-169°; $[\alpha]_D^{20} = 17.9^\circ$; [L form]: mp = 164-166°; $[\alpha]_D^{20} = +3.45^\circ$. *Nordmark.*

1096 Phendimetrazine

634-03-7 7365 211-204-6

$C_{12}H_{17}NO$

(2S,3S)-3,4-Dimethyl-2-phenylmorpholine.

3-phenyl-2-methylmorpholine; A-66. Anorexic. $bp_{12} = 138-140^\circ$; $bp_1 = 104^\circ$. *Forest Pharmaceuticals Inc.; Wyeth-Ayerst Labs.; Boehringer Ingelheim GmbH.*

1097 Phendimetrazine Bitartrate

50-58-8 7365 200-051-0
 $C_{16}H_{23}NO_7$
 (2S,3S)-3,4-Dimethyl-2-phenylmorpholine
 L-(+)-tartrate (1:1).
 Metra; Plegine; Prelu-2; Statobex; Marsin; NeoZine;
 Preludin. Anorexic. $mp = 182^\circ$; soluble in H_2O (2.5 g/ml),
 $EtOH$, $CHCl_3$ (0.5 g/ml). *Forest Pharmaceuticals Inc.;*
Wyeth-Ayerst Labs.; Boehringer Ingelheim GmbH.

1098 Phentermine

122-09-8 7415 204-522-1
 $C_{10}H_{15}N$
 α,α -Dimethylphenethylamine.
 Inoamin. Anorexic. Systemic appetite suppressant. $bp_{750} = 205^\circ$; $bp_{21} = 100^\circ$. *Fisons Corp.; Marion Merrell Dow Inc.; Wyeth-Ayerst Labs.*

1099 Phentermine Hydrochloride

1197-21-3 7415 214-821-9
 $C_{10}H_{16}ClN$
 α,α -Dimethylphenethylamine hydrochloride.
 Adipex-P; Fastin; Wilpo; Obermine Black & Yellow.
 Anorexic. Systemic appetite suppressant. $mp = 198^\circ$.
Lemmon Co.; SmithKline Beecham Pharmaceuticals.

1100 Phenylpropanolamine Hydrochloride

154-41-6 7461 205-826-7
 $C_9H_{14}ClNO$
 ($\pm$)-Norephedrine hydrochloride.
 component of : A.R.M., Chlor-Trimeton, Comtrex,
 Contac, Coricidin D, Corsym, Demazin, Demilets, Diet
 Gard, Dimetapp, Entex, Histalet, Hycomine, Naldecon,
 Ornade. Anorexic and decongestant. $mp = 190-194^\circ$;
 soluble in H_2O , $EtOH$; insoluble in organic solvents; LD_{50}
 (rat orl) = 1490 mg/kg; [(+) form]: $[\alpha]_D^{25} = 32^\circ$ (H_2O); $mp = 171-172^\circ$. *Menley & James Labs., Inc.; Schering-Plough*
HealthCare Products; Bristol-Myers Squibb Co.;
SmithKline Beecham Pharmaceuticals; Fisons Corp.;
Taiho; Procter & Gamble Pharmaceuticals, Inc.; DuPont
Merck Pharmaceutical Co.; Apotthecon; Lemmon Co.;
Parke-Davis; Sandoz Pharmaceuticals Corp.; Mead
Johnson Nutritionals.

1101 Picilorex

62510-56-9 7551
 $C_{14}H_{18}ClN$
 3-(p-Chlorophenyl)-5-cyclopropyl-2-methylpyrrolidine.
 UP-507-04. Anorexic. *Hexachemie.*

1102 Picilorex Hydrochloride

56109-02-5 7551
 $C_{14}H_{19}Cl_2N$
 3-(p-Chlorophenyl)-5-cyclopropyl-2-methylpyrrolidine
 hydrochloride.
 Roxenan. Anorexic. $mp = 191^\circ$. *Hexachemie.*

1103 Sibutramine

106650-56-0 8629
 $C_{17}H_{26}ClN$

($\pm$)-1-(p-Chlorophenyl)- α -isobutyl-N,N-
 dimethylcyclobutanemethylamine.
 Anorexic and antidepressant. Monoamine reuptake
 inhibitor. *The Boots Co. plc.*

1104 Sibutramine Hydrochloride [anhydrous]

84485-00-7 8629
 $C_{17}H_{27}Cl_2N$
 ($\pm$)-1-(p-Chlorophenyl)- α -isobutyl-N,N-
 dimethylcyclobutanemethylamine hydrochloride.
 BTS-54524. Anorexic and antidepressant. Monoamine
 reuptake inhibitor. *The Boots Co. plc.*

1105 Sibutramine Hydrochloride Monohydrate

125494-59-9 8629
 $C_{17}H_{27}Cl_2N \cdot H_2O$
 ($\pm$)-1-(p-Chlorophenyl)- α -isobutyl-N,N-
 dimethylcyclobutanemethylamine hydrochloride
 monohydrate.
 BTS-54524; Reductil; Meridia. Anorexic and
 antidepressant. Monoamine reuptake inhibitor. $mp = 193-195^\circ$. *The Boots Co. plc.*

1106 Tiflorex

53993-67-2
 $C_{12}H_{16}F_3NS$
 (+)-N-Ethyl- α -methyl-m-[(trifluoromethyl)thio]-
 phenethylamine.
 Enhances central serotonergic transmission. Anorexic.

Antacids

1107 Alexitol Sodium

66813-51-2 232
 Sodium polyhydroxyaluminum monocarbonate hexitol
 complex.
 aluminum sodium carbonate hexitol complex; Actal.
 Antacid. Tasteless, odorless powder; insoluble in H_2O ,
 soluble in mineral acids. *Sterling Health U.S.A.*

1108 Algeldrate

1330-44-5
 $AlH_3O_3 \cdot xH_2O$
 Aluminum hydroxide hydrate.
 W-4600. Antacid. *Parke-Davis.*

1109 Almadrate Sulfate

12125-11-0
 $Al_4H_6Mg_2O_{14}S \cdot xH_2O$
 Aluminum magnesium hydroxide oxide sulfate.
 W-4425. Antacid. *Parke-Davis.*

1110 Almagate

66813-51-2 307
 $C_2H_{14}Mg_6O_{20} \cdot 4H_2O$
 [Carbonato(2)]heptahydroxy(aluminum)trimagnesium
 dihydrate.
 Almax. Antacid. Loses H_2O at 240° . *Anphar.*

1111 Aluminum Hydroxide

21645-51-2 355 244-492-7
 H_3AlO_3
 Aluminum hydroxide.
 Amphojel; Dialume; Simeco; component of: Arthritis Pain

Formula Maximum Strength, Calcitrel, Camalox, Gelusil, Kestomatin, Kudrox, Maalox, Maalox HRF, Maalox Plus, Simeco Suspension, Tricreamalate, Trsiogel, Wingel. Antacid with antihyperphosphatemic properties. White bulky amorphous powder; insoluble in H_2O , soluble in alkaline or acid solutions. Wyeth Labs.

1112 Aluminum Magnesium Silicate

12511-31-8 362 235-682-0



Magnesium aluminum silicate.

Ervasil [as hydrate]; Gelusil [as hydrate]; Ultin [as hydrate]. Antacid. Also used as a suspending and thickening agent. *Fuji Chem.*

1113 Aluminum Phosphate

7784-30-7 371 232-056-9



Aluminum orthophosphate.

Aluphos; Fosfalugel; Ulcoid; Phosphalugel; Phosphalugel; Phosphalutab. Antacid. mp $> 1460^\circ$; $d^{23} = 2.56$; insoluble in H_2O , AcOH, slightly soluble in concentrated HCl, HNO_3 .

1114 Azulene

275-51-4 956 205-993-6



Bicyclo[5.3.0]deca-2,4,6,8,10-pentaene.

cyclopentacycloheptene; Azusalen [as sodium sulfonate]. The sodium sulfonate derivative is used as an antacid.

Blue crystals; mp = $98.5-99^\circ$; insoluble in H_2O , soluble in organic solvents.

1115 Basic Aluminum Carbonate Gel

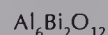
1339-92-0 1033 215-670-1

An aluminum hydroxide - aluminum carbonate gel.

Basaljel. Phosphorus-binding agent and antacid.

1116 Bismuth Aluminate

12284-76-3 1298 235-552-3



Aluminum bismuth oxide.

almuth; Bisminate. Antacid. [decahydrate]: Light powder, insoluble in H_2O .

1117 Bismuth Phosphate

10049-01-1 1316 233-161-2

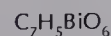


Phosphoric acid bismuth salt (1:1).

Bismugel. Antacid and topical protectant. $d^{15} = 6.323$; slightly soluble in H_2O , dilute acids; insoluble in EtOH, AcOH.

1118 Bismuth Subgallate

22650-86-8 1325



Basic bismuth gallate.

gallic acid bismuth basic salt; B.S.G.; Dermatol. Astringent and antacid. Insoluble in H_2O , EtOH, CHCl_3 , Et_2O ; soluble in dilute alkaline solutions, hot mineral acids.

1119 Bismuth Subnitrate

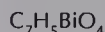
1304-85-4 1326 215-136-8

Bismuth hydroxide nitrate oxide.

bismuth oxynitrate; bismuth subnitricum; bismuthyl nitrate; bismuth white; magistery of bismuth; novismuth; paint white; Spanish white. Antacid. Insoluble in H_2O , EtOH; soluble in dilute HCl and HNO_3 .

1120 Bismuth Subsalcylate

14882-18-9 1327 238-953-1



2-Hydroxybenzoic acid bismuth (3+) salt.

basic bismuth salicylate; oxo(salicylato)bismuth; Bismogenol Tosse Inj.; Stabisol. Antidiarrheal, antacid and antiulcerative. Also used as a lupus erythematosus suppressant. Insoluble in H_2O , EtOH. *Mobay.*

1121 Calcium Carbonate

471-34-1 1697 207-439-9



Carbonic acid calcium salt (1:1).

Cal-Sup; Children's Mylanta Upset Stomach Relief; Chooz; Mylanta Soothing Lozenges; Calcit; Calcichew; Calcidia; Citrical; component of: Bufferin Arthritis Strength, Bufferin Extra Strength, Bufferin Regular, Calcitrel, Camalox, Di-Gel Tablets, Mylanta Gelcaps, Mylanta Tablets, Titalac, Tylenol Headache Plus. Calcium replenisher and antacid. mp = 825° , 1339°

(102.5 atm); $d_{25.2} = 2.711$; insoluble in H_2O . *3M Pharmaceuticals; Johnson & Johnson-Merck Consumer Pharmaceuticals; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Schering-Plough HealthCare Products; Sterling Winthrop, Inc.; Bristol-Myers Products; McNeil Consumer Products Co.*

1122 Dihydroxyaluminum Aminoacetate

13682-92-3 3227 237-193-8



(Glycinato-N,O)dihydroxyaluminum.

aluminum glycinate; Ada; Alamine; Alminate; Alubasine; Alzinox; Aspogen; Dimothyn; Doraxamin; Elcosal; Robalate. Antacid. Insoluble in H_2O ; forms stable suspensions in H_2O readily; pH of H_2O suspension = 7.4.

1123 Dihydroxyaluminum Sodium Carbonate

539-68-4 3228



[Carbonato(1-)-O]dihydroxyaluminum monosodium salt.

aluminum sodium carbonate hydroxide; Kompensan; Minicid. Antacid. d = 2.144; pH of H_2O suspension = 9.7.

1124 Ebimar

9013-42-7 3535

Sulfate polysaccharide extracted from *Chondrus crispus*.

Polysaccharide C 16; degraded carageenan. Antacid. $[\alpha]_D = 34^\circ$; freely soluble in H_2O , acids. *Evans Medical.*

1125 Magaldrate

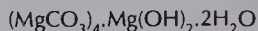
1317-26-6 5685

Aluminum magnesium hydroxide monohydrate.

monalium hydrate; AY-5710; Dynese; Riopan; Ripon. Antacid. White, odorless, crystalline powder. *Byk Gulden.*

1126 Magnesium Carbonate Dihydrate

23389-33-5 5696

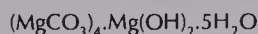


Carbonic acid magnesium salt (1:1) mixture with magnesium hydroxide hydrate, dihydrate.

Marinco C; component of: Bufferin Arthritis Strength, Bufferin Extra Strength, Bufferin Regular, Maalox HRF.

Antacid. Laxative-cathartic. Slightly soluble in H_2O (0.03 g/100 ml), insoluble in EtOH. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.; Rhône-Poulenc Rorer Pharmaceuticals Inc.***1127 Magnesium Carbonate Hydroxide**

39409-82-0 5696

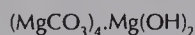


Carbonic acid magnesium salt (1:1) mixture with magnesium hydroxide hydrate.

Marinco C; component of: Bufferin Arthritis Strength, Bufferin Extra Strength, Bufferin Regular, Maalox HRF.

Antacid. Laxative-cathartic. Slightly soluble in H_2O (0.03 g/100 ml), insoluble in EtOH. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.; Rhône-Poulenc Rorer Pharmaceuticals Inc.***1128 Magnesium Carbonate [anhydrous]**

546-93-0 5696 208-915-9



Carbonic acid magnesium salt (1:1) mixture with magnesium hydroxide hydrate.

Antacid. Slightly soluble in H_2O , insoluble in EtOH.**1129 Magnesium Hydroxide**

1309-42-8 5706 215-170-3



Magnesium hydroxide.

Marinco H; Betalgit; Lederscon; Mucaine; Muthesa; Oxaine M; Phillips Magnesia Tablets; Phillips Milk of Magnesia Liquid; Simeco; Tepilita; component of: Arthritis Pain Formula Maximum Strength, Ascriptin, Calcitrel, Camalox, Di-Gel Liquid, Di-Gel Tablets, Gelusil, Haley's MO, Kestymatin, Kudrox, Maalox, Maalox Plus, Mylanta Gelcaps, Mylanta Liquid, Mylanta Tablets, Simeco Suspension, Wingel. Antacid. Laxative-cathartic.

Insoluble in H_2O , soluble in dilute acids. *Johnson & Johnson-Merck Consumer Pharmaceuticals; Lederle Labs.; Parke-Davis; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Schering-Plough HealthCare Products; Schwarz Pharma Kremers Urban Co.; Sterling Health U.S.A.; Sterling Winthrop, Inc.; Whitehall-Robins.***1130 Magnesium Oxide**

1309-48-4 5713 215-171-9



Magnesium oxide.

magnesia; calcined magnesia; magnesia usta; Magcal; Maglite. Antacid. mp = 2800°; slightly soluble in H_2O , soluble in dilute acids, insoluble in EtOH; pH of saturated solution = 10.5.**1131 Magnesium Peroxide**

14452-57-4 5717 238-438-1



Magnesium dioxide.

magnesium perhydrol; magnesium superoxol. Antacid and anti-infective. Insoluble in H_2O , soluble in dilute

acids.

1132 Magnesium Phosphate, Tribasic

7757-87-1 5720 231-824-0

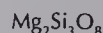


Trimagnesium phosphate.

tertiary magnesium phosphate. Antacid. [pentahydrate];

Insoluble in H_2O , soluble in dilute mineral acids.**1133 Magnesium Silicates**

5727



Magnesium trisilicate.

Magnosil; Petimin; Trisomin. Antacid. Insoluble in H_2O . *Merck & Co., Inc.***1134 Milk of Magnesia**

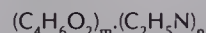
1309-42-8 5713 215-170-3



Magnesium hydroxide.

Mint-O-Mag. Antacid. Insoluble in H_2O , soluble in dilute acids. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.***1135 Polyethadine**

9003-23-0



2,2'-Bioxirane polymer with aziridine.

1,2:3,4-diepoxybutane polymer with ethyleneimine. Antacid. *Eli Lilly & Co.***1136 Potassium Citrate**

866-84-2 7785 212-755-5



Citric acid potassium salt.

Urocit-K. Antacid. Soluble in H_2O (153.8 g/100 ml), glycerol (40 g/100 ml); insoluble in EtOH; aqueous solution has a pH of 6.5.**1137 Potassium Citrate Monobasic**

866-83-1 7785



Citric acid potassium salt monohydrate.

Urocit-K. Antacid. Soluble in H_2O (153.8 g/100 ml), glycerol (40 g/100 ml); insoluble in EtOH; pH (aqueous solution) = 6.5.**1138 Potassium Glucaldrate**

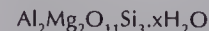
23835-15-6



Potassium diaqua[gluconato(2-)]dihydroxyaluminate(1-).

Aciquel; McN-R-1162-22. Antacid. *McNeil Pharmaceutical.***1139 Silodrate**

12408-47-8



Magnesium aluminometasilicate.

MP-1051; Simaldrate; aluminosilicic acid magnesium salt (1:2) hydrate. Antacid.

1140 Sodium Bicarbonate

144-55-8 8726 205-633-8



Sodium hydrogen carbonate.

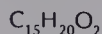
sodium acid carbonate; baking soda. Antacid. Soluble in

H₂O (10 g/100 ml at 25°, 8.3 g/100 ml at 18°), insoluble in EtOH; pH (aqueous solution) = 8.3.

Anthelmintics

1141 Alantolactone

546-43-0 208 208-899-3



[3aR-(3a α ,5 β ,8a β ,9a α)]-3a,5,6,7,8,8a,9,9a-Octahydro-5,8a-dimethyl-3-methylenenaphtho[2,3-b]furan-2(3H)-one.

helenin; alant camphor; elecampane camphor; inula camphor; Eupatal. Anthelmintic. Targets nematodes. mp = 78-79°; bp = 275°; $[\alpha]_D = 175^\circ$ (CHCl₃); $\lambda_m = 212$ nm (ϵ 9500 EtOH); freely soluble in EtOH, CHCl₃, C₆H₆, Et₂O, oils; insoluble in H₂O.

1142 Albendazole Oxide

54029-12-8

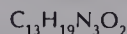


Methyl 5-(propylsulfinyl)-2-benzimidazolecarbamate.

Anthelmintic. *SmithKline Beecham Animal Health; SmithKline Beecham Pharmaceuticals.*

1143 Amidantel

49745-00-8



4'-[[1-(Dimethylamino)ethylidene]amino]-2-methoxyacetanilide.

Anthelmintic. Used against hookworms and ascarids in dogs.

1144 Amocarzine

36590-19-9 608



4-Methyl-4'-[1-(p-nitroanilino)thio-1-piperazinecarboxanilide.

CGP-6140. Derivative of amoscanate. Anthelmintic. Targets nematodes. mp = 191-196°; soluble in CH₃CN. *Ciba-Geigy Corp.*

1145 Amoscanate

26328-53-0 613

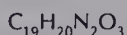


4-Isothiocyanato-N-(4-nitrophenyl)benzeneamine.

nithiocyamine; C-9333-Go; CGP-4540. Anthelmintic. Targets schistosoma. mp = 196-198°.

1146 Amphotalide

1673-06-9 626 216-809-9



2-[5-(4-Aminophenoxy)pentyl]-1H-isoindole-1,3(2H)-dione.

RP-6171; Schistomide. Anthelmintic. Targets schistosoma. mp = 113-114°. *May & Baker Ltd.*

1147 Anthiolimine

305-97-5 720 206-173-0



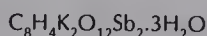
Meraptobutanedioic acid antimony(3+) lithium salt (3:1:6).

lithium antimony thiomalate; Anthiomaline. Trematodes. Very soluble in H₂O, slightly soluble in organic solvents.

Rhône-Poulenc.

1148 Antimony Potassium Tartrate

28300-74-5 741



Dipotassium bis[μ -[2,3-dihydroxybutanedioato(4-)-01,02:03,04]]diantimonate(2-) trihydrate stereoisomer.

tartar emetic; tartrated antimony; tartarized antimony; potassium antimony tartrate. Used as a mordant in the textiles and leather industries and as an anthelmintic.

Targets schistosoma. $d = 2.6$; $[\alpha]_D^{20} = 140.69^\circ$ ($c = 2$ H₂O), 139.25° ($c = 2$ in glycerol); soluble in H₂O (8.3 g/100 ml at 25°, 33.3 g/100 ml at 100°), glycerol (6.7 g/100 ml); insoluble in EtOH; LD₅₀ (mus sc) = 55 mg/kg, (mus iv) = 65 mg/kg. *Stauffer Chemical Co.*

1149 Antimony Sodium Tartrate

34521-09-0 743 252-070-9



Antimony sodium oxide L-(+)-tartrate.

sodium antimony tartrate; Emeto-Na; Stibunal.

Anthelmintic. Targets schistosoma. Soluble in H₂O (66.6 g/100 ml); LD₅₀ (mus iv) = 25 mg/kg.

1150 Antimony Sodium Thioglycollate

539-54-8 744



[(5-Oxo-1,3,2-oxathioistibolan-2-yl)thio]acetic acid sodium salt.

antimony sodium thioacetate. Anthelmintic. Targets schistosoma. Freely soluble in H₂O, unstable in alkali.

1151 Antimony Thioglycollamide

6533-78-4 746



Thioantimonic acid tris(2-amino-2-oxoethyl) ester.

mercaptopacetamide antimony derivative; antimony thioglycollic acid triamide. Anthelmintic. Targets schistosoma. mp = 140°; soluble in H₂O (0.5 g/100 ml), insoluble in Et₂O.

1152 Arecoline

63-75-2 815 200-565-5



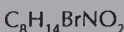
1,2,5,6-Tetrahydro-1-methyl-3-pyridinecarboxylic acid methyl ester.

arecaline; arecholine; methylarecaidin. Cholinergic alkaloid from the seeds of the betel nut palm.

Anthelmintic. Targets Cestodes. bp = 209°, bp₇ = 92-93°, bp₁₂ = 105°; $d^{20} = 1.0495$; miscible with H₂O, EtOH, Et₂O; soluble in CHCl₃; LD₅₀ (mus sc) = 100 mg/kg, (dog sc) = 5 mg/kg. *Nopco.*

1153 Arecoline Hydrobromide

300-08-3 815 206-087-3



1,2,5,6-Tetrahydro-1-methyl-3-pyridinecarboxylic acid methyl ester hydrobromide.

Derivative of the cholinergic alkaloid from the seeds of the betel nut palm. Anthelmintic. Targets Cestodes. mp = 169-171°; soluble in H₂O (100 g/100 ml), EtOH (10 g/100 ml at 25°, 50 g/100 ml at 76°); slightly soluble in CHCl₃, Et₂O. *Nopco.*

1154 Arecoline p-Stibonobenzoic Acid

17162-36-6 815

 $C_{15}H_{20}NO_7Sb$

1,2,5,6-Tetrahydro-1-methyl-3-pyridinecarboxylic acid methyl ester compound with stibonobenzoic acid. arecoline p-stibonobenzoic acid; Anthelin. Derivative of the cholinergic alkaloid from the seeds of the betel nut palm. Anthelmintic. Targets Cestodes. *Nopco*.

1155 Ascaridole

512-85-6 864 208-147-4

 $C_{10}H_{16}O_2$

1-Methyl-4-(1-methylethyl)-2,3-dioxabicyclo[2.2.2]oct-5-ene.

1,4-peroxido-p-menthene-2; Ascarisin. Anthelmintic.

Targets nematodes. $d_4^{20} = 1.0103$, $d_{20}^{20} = 1.0113$; mp = 3.3°;

bp_{0.2} = 39-40°; $[\alpha]_D^{20} = \pm 0.0^\circ$; soluble in C_6H_{14} , C_5H_{12} ,

EtOH, C_7H_8 , C_6H_6 , castor oil.

1156 Aspidin

584-28-1 881

 $C_{25}H_{32}O_8$

2-[[[2,6-Dihydroxy-4-methoxy-3-methyl-5-(1-oxobutyl)phenyl]methyl]-3,5-dihydroxy-4,4-dimethyl-6-(1-oxobutyl)-2,5-cyclohexadien-1-one.

polystichin. Active principle of fern root. Anthelmintic.

Targets Cestodes. mp = 124-125°; $\lambda_m = 230, 290$ nm (ϵ 25500, 21300, cyclohexane); soluble in Et_2O , C_6H_6 , $CHCl_3$; sparingly soluble in MeOH, EtOH, Me_2CO .

1157 Aspidinol

519-40-4 882

 $C_{12}H_{16}O_4$

1-(2,6-Dihydroxy-4-methoxy-3-methylphenyl)-1-butanone.

Found in extracts of male fern. Anthelmintic. Targets

Cestodes. mp = 156-161°; soluble in EtOH, Et_2O , $CHCl_3$;

sparingly soluble in H_2O , C_6H_6 .

1158 Becanzone

15351-04-9 1044

 $C_{22}H_{28}N_2O_2S$

1-[[2-[Ethyl(2-hydroxy-2-methylpropyl)amino]ethyl]-amino]-4-methyl-9H-thioxanthen-9-one.

becanzone. Anthelmintic. Targets schistosoma. *Sterling Winthrop, Inc.*

1159 Becanzone Hydrochloride

5591-22-0 1044

 $C_{22}H_{29}ClN_2O_2S$

1-[[2-[Ethyl(2-hydroxy-2-methylpropyl)-amino]ethyl]amino]-4-methyl-9H-thioxanthen-9-one hydrochloride.

Win-13820; Loranil. Anthelmintic. Targets schistosoma. mp = 157.6-160.4°. *Sterling Winthrop, Inc.*

1160 Bephenium

7181-73-9 1187 230-546-7

 $C_{16}H_{19}NO$

Benzylmethyl(2-phenoxyethyl)amine.

Anthelmintic. Targets nematodes. [chloride]: mp = 135-136°; [bromide]: mp = 144.5-146°; [iodide]: mp = 146-147°; [Pamoate (biphenium embonate; Frantin)]: mp = 144-146°. *Glaxo Wellcome Inc.*

1161 Bephenium Hydroxynaphthoate

3818-50-6 1187 223-306-8

 $C_{28}H_{29}NO_4$

Benzylmethyl(2-phenoxyethyl)ammonium 3-hydroxy-2-naphthoate.

Alcopar; Alcopara; Befeniol; Lecibis; Nemex. Anthelmintic (nematodes). mp = 170-171°. *Glaxo Wellcome Inc.*

1162 Bithionoloxide

844-26-8

 $C_{12}H_6Cl_4O_3S$

6,6'-Sulfinylbis(2,4-dichlorophenol).

Used in veterinary medicine as an anthelmintic targeting trematodes.

1163 Bitoscanate

4044-65-9 1345 223-741-3

 $C_8H_4N_2S_2$

1,4-Diisothiocyanatobenzene.

Jonit. Anthelmintic. Targets nematodes. mp = 132°.

Hochst.

1164 Carbon Tetrachloride

56-23-5 1864 200-262-8

 CCl_4

Tetrachloromethane.

tetrachloromethane; perchloromethane; Necatorina;

Benzinoform. Anthelmintic. Targets nematodes. $d_{25}^{25} =$

1.589; mp = -23°; bp = 76.7°; soluble in H_2O (50 mg/100

ml); miscible with EtOH, $CHCl_3$, C_6H_6 , Et_2O , CS_2 ,

petroleum ether, oils; LC₅₀ (mus ihl) = 9528 ppm; LD₅₅

(rat orl) = 2920 mg/kg, (mus orl) = 12100-14400 mg/kg,

(dog orl) = 2300 mg/kg, (mus ip) = 4100 mg/kg, (mus sc)

= 30400 mg/kg.

1165 Carvacrol

499-75-2 1923 207-889-6

 $C_{10}H_{14}O$

2-Methyl-5-(1-methylethyl)phenol.

2-hydroxy-p-cymene; isopropyl o-cresol; isothymol. Used

as a general disinfectant. Anthelmintic. Targets

nematodes. $d_4^{20} = 0.976$, $d_{25}^{25} = 0.9751$; bp = 237-238°, bp₁₈

= 118-122°, bp₃ = 93°; mp $\cong$ 0°; $\lambda_m = 277.5$ nm (log $\epsilon =$

3.262 EtOH); insoluble in H_2O ; soluble in EtOH, Et_2O ;

LD₅₀ (rbl orl) = 100 mg/kg.

1166 Cyclobendazole

31431-43-3 2781 250-637-5

 $C_{13}H_{13}N_3O_3$

Methyl 5-(cyclopropylcarbonyl)-2-benzimidazolecarbamate.

R-17147; CC-2481; Haptocil. Anthelmintic. Targets nematodes. mp = 250.5°. *Janssen Pharmaceutical, Ltd.*

1167 Diammonium Embelate $C_{17}H_{34}N_2O_4$

2,5-Dihydroxy-3-undecyl-2,5-cyclohexadiene-1,4-dione diammonium salt.

ammonium embelate.

1168 Dichlorophen

97-23-4 3120 202-567-1

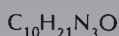
 $C_{13}H_{10}Cl_2O_2$

2,2'-Methylenebis(4-chlorophenol).

dichlorophene; G-4. Anthelmintic. Targets Cestodes.

1169 Diethylcarbamazine

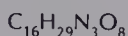
90-89-1 3165 202-023-3



N,N-Diethyl-4-methyl-1-piperazinecarboxamide.
carbamazine; 84L; RP-3799; Carbilazine; Caricide;
Cypip; Ethodryl; Notézine; Spatonin; [phosphate];
Ditrazin. Anthelmintic. Targets nematodes. mp = 47-49°;
bp₃ = 108.5-111°; [hydrochloride]: mp = 156.5-157°.

1170 Diethylcarbamazine Citrate

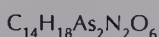
1642-54-2 3165 216-696-6



N,N-Diethyl-4-methyl-1-piperazinecarboxamide citrate.
Banocide; Dec; Dirocide; Filaribits; Filazine; Franocide;
Hetrazan; Loxuran; Longicid. Anthelmintic. Targets
nematodes. mp = 141-143°; soluble in H₂O (> 75 g/100
ml); soluble in EtOH; insoluble in C₆H₆, Me₂CO, Et₂O,
CHCl₃; LD₅₀ (rat orl) = 1.38 g/kg.

1171 Difetarsone

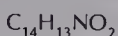
3639-19-8



N,N-Ethylenediarsanilic acid.
Bemarsal Anthelmintic, used for the treatment of *Trichuris*
trichiura (whipworm) infestation.

1172 Diphenane

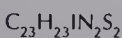
101-71-3 3365



α-Phenyl-p-cresolcarbamate.
Anthelmintic. Targets nematodes. mp = 147-150°;
insoluble in H₂O; soluble EtOH, MeOH, CHCl₃, Et₂O,
C₆H₆.

1173 Dithiazanine Iodide

514-73-8 3434 208-186-7



3-Ethyl-2-[5-(3-ethyl-2-benzothiazolinyldene)-1,3-
pentadienyl]benzothiazolium iodide.
Developed as a photographic sensitizer. Anthelmintic.
Targets nematodes. mp = 248° (dec); insoluble in H₂O.

1174 Doramectin

117704-25-3 3483



(2aE,4E,8E)-(5'S,6S,6'R,7S,11R,
15S,17aR,20R,20aR,20bS)-6'-Cyclohexyl-
5',6,6',7,10,11,14,15,17a,20,20a,20b-dodecahydro-
20,20b-dihydroxy-5',6,8,19-tetramethyl-17-
oxospiro[11,15-methano-2H,13H,17H-furo[4,3,2-pq]-
[2,6]-benzodioxacyclooctadecin-13,2'-[2H]pyran]-7-yl
2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-α-L-
arabinoheptopyranosyl)-3-O-α-L-arabinoheptapyranoside.
25-cyclohexyl-5-O-demethyl-25-de(1-
methylpropyl)avermectin A_{1a}. Endectocide, used to treat
Sheep scabies. mp= 116-119°. *Pfizer International*.

1175 Dymanthine

124-28-7 3525 204-694-8



N,N-Dimethyloctadecylamine.
N,N-Dimethylstearylamine; N,N-Dimethyloctadecyl-

amine; Armeen DM 18D; N,N-Dimethyl-1-
octadecanamine; 18. Anthelmintic. Targets nematodes.
mp = 23°. *Pfizer Inc.*

1176 Dymanthine Hydrochloride

1613-17-8 3525 216-559-0



N,N-Dimethyloctadecylamine hydrochloride.
Dimantine; N-n-Octadecyl-N,N-dimethyl amine; GS-
1339; NSC-5547; Thelmesan. Anthelmintic. Targets
nematodes. *Pfizer Inc.*

1177 Embelin

550-24-3 3595 208-979-8



2,5-Dihydroxy-3-undecyl-2,5-cyclohexadiene-1,4-dione.
embelic acid. Anthelmintic. Targets Cestodes.

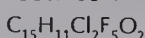
1178 Eprinomectin

133305-89-2 999

Mixture of eprinomectin B_{1a} (90%) and eprinomectin B_{1b}
(10%).
Anthelmintic targeting nematodes.

1179 Fenfluthrin

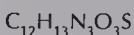
75867-00-4



2,3,4,5,6-Pentafluorobenzyl (1R,3S)-3-(2,2-dichlorovinyl)-
2,2-dimethylcyclopropanecarboxylate.
Synthetic pyrethroid used as an insecticide and
anthelmintic.

1180 Fexinidazole

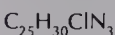
59729-37-2



1-Methyl-2-[[p-(methylthio)phenoxy]methyl]-5-
nitroimidazole.
Anthelmintic.

1181 Gentian Violet

548-62-9 4401 208-953-6



[4-[Bis[4-(dimethylamino)phenyl]methylene]-2,5-
cyclohexadien-1-ylidene]dimethylammonium chloride.
C.I. Basic Violet 3; hexamethylparosaniline chloride;
aniline violet; crystal violet; methylrosaniline chloride;
C.I. 42555; Adergon; Axuris; Badil; Gentiaverm;
Meroxylan; Meroxyl; Pyoktanin; Vianin; Viocid.
Anthelmintic. Targets nematodes. Insoluble in Et₂O;
soluble in H₂O, CHCl₃, EtOH (10 g/100 ml), glycerin
(6.7 g/100 ml); LD₅₀ (mus orl) = 1200 mg/kg, (rat orl) =
1000 mg/kg.

1182 4-Hexylresorcinol

136-77-6 4750 205-257-4



4-Hexyl-1,3-benzene diol.

ST-37; Ascaryl; Caprokol; Crystoids; Gelovermin; Sucrets;
Worm-Agen. Used as a topical antiseptic. Anthelmintic.
Targets nematodes. mp = 67.5-69°; bp = 333-335°, bp₆₋₇
= 1768-180°, bp₁₃₋₁₄ = 198-200°; soluble in H₂O (50
mg/100 ml), Et₂O, CHCl₃, Me₂CO, EtOH; LD₅₀ (rat orl)
= 550 mg/kg. *Merck & Co., Inc.*

1183 Hycanthone

3105-97-3 4795 221-463-7



1-[[2-(Diethylamino)ethyl]amino]-4-(hydroxymethyl)-9H-thioxanthen-9-one.

Etenol [as mesylate]. Metabolite of lucanthone. Anthelmintic. Targets schistosoma. mp = 100.6-102.8°; λ_m = 233, 258, 329, 438 nm (ϵ 19400, 37000, 9700, 6600 EtOH); sensitive to acid; [hydrochloride]: mp = 173-176° (dec). *Sterling Health U.S.A.*

1184 Ivermectin

70288-86-7 5264 274-536-0



(2aE,4E,8E)-

(5'S,6S,6'R,7S,11R,13R,15S,17aR,20R,20aR,20bS)-6'-(S)-sec-8-ethyl-3',4',5',6,6',7,10,11,14,15,17a,20,20a,20b)-tetradecahydro-20,20b-dihydroxy-5',6,8,19-tetramethyl-17-oxospiro[11,15-methano-2H,13H,17H]furo[4,3,2-pq][2,6]benzodioxacyclooctadecin-13,2'-[2H]pyran]-7-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl- α -L-arabino-hexopyranosyl)-3-O-methyl- α -L-arabino-hexopyranoside. 22,23-dihydro C-076B; MK-933; Cardomec; Cardotek 30; Eqvalan; Heartgard 30; Ivomec; Mectizan; Zimecterin. Mixture of avermectins, primarily ivermectin 22,23-dihydro-ivermectin B_{1a}. Anthelmintic. Targets onchocerca (filarial worms). $[\alpha]_D$ = 71.5° $\pm$ 3°; λ_m = 238, 245 nm (ϵ 27100, 30100 MeOH); slightly soluble in H₂O (0.4 mg/100 ml); insoluble in hydrocarbons; very soluble in MEK, propylene glycol, polyethylene glycol.

1185 Kainic Acid

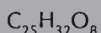
487-79-6 5289

[2S-(2 α ,3 β ,4 β)]-2-Carboxy-4-(1-methylethenyl)-3-pyrrolideneacetic acid.

digenic acid; α -kainic acid; L_s-xylo-kainic acid; Digenin; Helminal. Anthelmintic. Targets nematodes. mp = 251° (dec); $[\alpha]_D^{24}$ = -14.8° (c = 1.01); soluble in H₂O, insoluble in Et₂O.

1186 α -Kosin

5333



5,5'-Methylenebis[4,6-dihydroxy-2-methoxy-3-methylisobutyrophenone].

From flowers of *Hagenia abyssinica* J. J. Gmel. Co-occurs with β -kosin. Anthelmintic. Targets Cestodes. mp = 160-160.5°; λ_m = 227, 290 nm (ϵ 30800, 24400); soluble in EtOH, C₆H₆, CHCl₃, Et₂P, AcOH; [tetraacetate]; mp = 124°.

1187 β -Kosin

5333

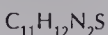


5,5'-Methylenebis[2,4,6-trihydroxy-3-methylisobutyrophenone] 4'-methyl ether.

From flowers of *Hagenia abyssinica* J. J. Gmel. Co-occurs with α -kosin. Anthelmintic. Targets Cestodes. mp = 120°; λ_m = 228, 292 nm (ϵ 30300, 21260).

1188 Levamisole

14769-73-4 5486 238-836-5



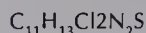
(-)-2,3,5,6-Tetrahydro-6-phenylimidazol[2,1-b]thiazole.

Levovermax; Totalon. Anthelmintic. Targets nematodes.

mp = 60-61.5°; $[\alpha]_D^{25}$ = -85.1 (c = 10 CHCl₃); [dl form (teramisole, tetramizole)]: mp = 87-89°. *Janssen Pharmaceutical, Ltd.*

1189 Levamisole Hydrochloride

16595-80-5 5486 240-654-6



(-)-2,3,5,6-Tetrahydro-6-phenylimidazol[2,1-b]thiazole hydrochloride.

Ergamisol; R12,564; Ascaridil; Decaris; Ergamisol; Levacide; Levadin; Levasole; Meglum; Nemicide; Nilverm; Ripercol; Solaskil; Spartakon; Tramisol.

Anthelmintic. Targets nematodes. mp = 227-229°; $[\alpha]_D^{20}$ = -124° $\pm$ 2° (c = 0.9 H₂O); soluble in H₂O; [dl form (Bayer 9051; McN-JR-8299; R-8299)]: mp = 264-265°; soluble in H₂O (21 g/100 ml), MeOH, propylene glycol; sparingly soluble in EtOH, CHCl₃, C₆H₁₄, Me₂CO; LD₅₀ (mus iv) = 22 mg/kg, (mus sc) = 84 mg/kg, (mus orl) = 210 mg/kg, (rat iv) = 24 mg/kg, (rat sc) = 130 mg/kg, (rat orl) = 480 mg/kg. *Janssen Pharmaceutical, Ltd.*

1190 Lucanthone Hydrochloride

548-57-2 5620 208-951-5



1-[[2-(Diethylamino)ethyl]amino]-4-methyl-9H-thioxanthen-9-one hydrochloride.

MS-752; RP-3735; Miracil D; Nilodin; Miracol; Tixantone. Anthelmintic. Targets schistosoma. mp = 195-196°; soluble in H₂O, slightly soluble in EtOH; [lucanthone]: mp = 64-65°, soluble in most organic solvents.

1191 Mebendazole

31431-39-7 5807 250-635-4



Methyl 5-benzoyl-2-benzimidazolecarbamate.

Vermox; R-17635; 8antenol; Equivurm Plus; Lomper; Mebenvet; Noverme; Ovitelmin; Pantelmin; Telmin; Vermicidin; Vermirax. Anthelmintic. Targets nematodes. mp = 288.5°; insoluble in H₂O, EtOH, Et₂O, CHCl₃; soluble in formic acid; LD₅₀ (sheep orl) > 80 mg/kg, (mus, rat, chk) > 40 mg/kg. *Janssen Pharmaceutical, Ltd.*

1192 Naphthalene

91-20-3 6457 202-049-5



Naphthalene.

naphthalin; naphthene; tar camphor. Anthelmintic. Targets Cestodes. mp = 80.2°; bp = 217.9°; d_4^{20} = 1.162; d_4^{100} = 0.9628; insoluble in H₂O; soluble in EtOH or MeOH (7.7 g/100 ml), C₆H₆ or C₇H₈ (28.6 g/100 ml), CHCl₃ or CCl₄ (50 g/100 ml), CS₂ (83.3 g/100 ml).

1193 2-Naphthol

135-19-3 6471 205-182-7



2-Naphthalenol.

beta-naphthol; β -naphthol; β -hydroxynaphthalene; isonaphthol; C.I. Azoic Coupling Component 1; C.I. Developer 5; C.I. 37500. Formerly used as an anthelmintic. Targets nematodes. mp = 121-123°; bp = 285-286°; d = 1.22; λ_m = 226, 265, 275, 286, 320, 331 (ϵ

91194, 3911, 4559, 3301, 1861, 2163 EtOH); soluble in H₂O (0.1 g/100 ml at 35°, 1.25 g/100 ml at 100°), EtOH (125 g/100 ml), CHCl₃ (5.9 g/100 ml), Et₂O (76.9 g/100 ml), glycerol, olive oil.

1194 4-Hexylresorcinol

136-77-6 4750 205-257-4
 $C_{12}H_{18}O_2$
 4-Hexyl-1,3-benzene diol.
 ST-37; Ascaryl; Caprokol; Crystoids; Gelovermin; Sucrets; Worm-Agen. Used as a topical antiseptic. Anthelmintic. Targets nematodes. mp = 67.5-69°; bp = 333-335°, bp₆₋₇ = 1768-180°, bp₁₃₋₁₄ = 198-200°; soluble in H₂O (50 mg/100 ml), Et₂O, CHGCl₃, Me₂CO, EtOH; LD₅₀ (rat orl) = 550 mg/kg. Merck & Co., Inc.

1195 Niclosamide

50-65-7 6602 200-056-8
 $C_{13}H_8Cl_2N_2O_4$
 2',5-Dichloro-4'-nitrosalicylanilide.
 Niclocide; Yomesan; BAY-2353; Cestocide; Niclocide; Ruby; Trédémine. Bayer; Farbenfabriken Bayer A.G. Anthelmintic. Targets Cestodes. mp = 225-230°; insoluble in H₂O; sparingly soluble in EtOH, CHCl₃, Et₂O.

1196 Niclosamide Ethanolamine Salt

1420-04-8 6602 215-811-7
 $C_{15}H_{15}Cl_2N_3O_5$
 2',5-Dichloro-4'-nitrosalicylanilide ethanolamine salt. clonitilide; Bayluscid. Bayer; Farbenfabriken Bayer A.G. Anthelmintic. Targets Cestodes. mp = 204°.

1197 Niridazole

61-57-4 6656 200-512-6
 $C_6H_6N_4O_3S$
 1-(5-Nitro-2-thiazolyl)-2-imidazolidinone.
 nitrothiamidazol; Ba-32644; Ciba 32644-Ba; Ambilhar. Anthelmintic. Targets schistosoma. mp = 260-262°. Ciba plc.

1198 Nitroclofene

39224-48-1
 $C_{13}H_8Cl_2N_2O_6$
 4,6'-Dichloro-4',6-dinitro-2,2'-methylenediphenol.
 Anthelmintic.

1199 Oltipraz

64224-21-1 264-736-6
 $C_8H_6N_2S_3$
 4-Methyl-5-(pyrazinyl)-3H-1,2-dithiole-3-thione.
 RP-35972. An antischistosomal drug with chemoprotective properties. Anticarcinogen.

1200 Oxamniquine

21738-42-1 7051 244-556-4
 $C_{14}H_{21}N_3O_3$
 1,2,3,4-Tetrahydro-2-[(1-methylethyl)amino]methyl]-7-nitro-6-quinolinemethanol.
 UK-4271; Mansil; Vansil. Anthelmintic. Targets schistosoma. mp = 147-149°; soluble in Me₂CO, CHCl₃, MeOH, H₂O (0.03 g/100 ml); λ_m = 205.5, 249.5, 389.5 (A_{1 cm}^{1%} 486, 695, 62.5 MeOH); LD₅₀ (mus im) > 2000 mg/kg, (mus orl) = 1300 mg/kg, (rbt im) > 1000 mg/kg,

(rbt orl) = 800 mg/kg. Pfizer Inc.

1201 Oxantel

36531-26-7 7055
 $C_{13}H_{16}N_2O$
 (E)-m-[2-(1,4,5,6-Tetrahydro-1-methyl-2-pyrimidinyl)vinyl]phenol.
 CP-14445. Anthelmintic. Targets nematodes.
 [hydrochloride]: mp = 207-208°; λ_m = 231, 274 nm (ε 12700, 20100, H₂O). Pfizer Inc.

1202 Oxantel Pamoate

68813-55-8 7055 272-332-6
 $C_{36}H_{32}N_2O_7$
 (E)-m-[2-(1,4,5,6-Tetrahydro-1-methyl-2-pyrimidinyl)vinyl]phenol 4,4'-methylenebis[3-hydroxy-2-naphthoate] (1:1) (salt).
 Telopar; CP-14445-16. Anthelmintic. Targets nematodes. Pfizer Inc.

1203 Papain

9001-73-4 7148 232-627-2
 Caroid; Papayotin; vegetable pepsin; Arbuz; Nematolyt; Summetrin; Tromasin; Velardon; Vermizym; component of: Panafil. Proteolytic enzyme. Anthelmintic. Targets nematodes. λ_m = 278 nm (A_{1 cm}^{1%} 25.0); insoluble in most organic solvents. Sterling Winthrop, Inc.; Rystan Co., Inc.

1204 Pelletierine

4396-01-4 7200 224-523-0
 $C_8H_{15}NO$
 1-(2-Piperidiny)-2-propanone.
 2-acetonylpiperidine; punicine; isopelletierine, (±)-pelletierine. Anthelmintic. Targets Cestodes. bp = 195°; bp₁₁ = 102-107°; d₄²⁰ = 0.988; soluble in H₂O (5 g/100 ml), EtOH, Et₂O, CHCl₃.

1205 Pelletierine Hydrochloride

5984-61-2 7200
 $C_8H_{16}ClNO$
 1-(2-Piperidiny)-2-propanone hydrochloride.
 Anthelmintic. Targets Cestodes. mp = 145°; soluble in H₂O, EtOH.

1206 Piperazine

110-85-0 7617 203-808-3
 $C_4H_{10}N_2$
 Piperazine.
 hexahydropyrazine; piperazidine; diethylenediamine. Anthelmintic. Targets nematodes. mp = 106°; bp = 146°; freely soluble in H₂O, glycerol, glycols, EtOH (50 g/100 ml); insoluble in Et₂O. Union Carbide Corp.

1207 Piperazine Adipate

142-88-1 7617 205-569-0
 $C_{10}H_{20}N_2O_4$
 Piperazine compound with hexanedioic acid (1:1).
 Entacyl; Oxyzin; Vermicompre; Nometan; Oxypaat; Pipadox; Oxurasin. Anthelmintic. Targets nematodes. mp = 256-257°; soluble in H₂O (5.53 g/100 ml at 20°, 6.61 g/100 ml at 30°, 10.14 g/100 ml at 56.3°), MeOH (0.02 g/100 ml at 25°); insoluble in EtOH, iPrOH, dioxane; LD₅₀ (mus orl) = 115400 g/kg, (rat orl) = 7900 mg/kg.

BDH Laboratory Supplies.

1208 Piperazine Citrate

144-29-6 7617 205-622-8
 $C_{24}H_{46}N_6O_{14}$
 Tripiperazine dicitrate.
 Helmezine; Oxucide; Patazine; Pinozan; Pipizan Citrate;
 Pipracid (syrup); Rhomex; Ta-Verm; Worm Away.
 Anthelmintic. Targets nematodes. mp = 182-187° (dec);
 insoluble in EtOH, Et₂O, CHCl₃. *Sterling Winthrop, Inc.*

1209 Praziquantel

55268-74-1 7896 259-559-6
 $C_{19}H_{24}N_2O_2$
 2-(Cyclohexylcarbonyl)-1,2,3,6,7,11b-hexahydro-4H-
 pyrazino[2,1-a]isoquinolin-4-one.
 EMBAY 8440; Biltricide; Cesol; Droncit. Anthelmintic.
 Targets schistosoma. mp = 136-138°; soluble in H₂O
 (0.04 g/100 ml), EtOH (9.7 g/100 ml), CHCl₃ (56.7 g/100
 ml); LD₅₀ (mus orl) = 2000-3000 mg/kg, (mus sc) > 3000
 mg/kg, (rat orl) = 2000-3000 mg/kg, (rat sc) > 3000
 mg/kg. *E. Merck.*

1210 Pyrantel

15686-83-6 8139 239-774-1
 $C_{11}H_{14}N_2S$
 (E)-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2-
 thienyl)vinyl]pyrimidine.
 Anthelmintic. Targets nematodes. mp = 178-179°. *Pfizer
 Inc.*

1211 Pyrantel Pamoate

22204-24-6 8139 244-837-1
 $C_{34}H_{30}N_2O_6S$
 (E)-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2-
 thienyl)vinyl]pyrimidine compound with
 4,4'-methylenebis[3-hydroxy-2-naphthoate].
 Antiminth; Combantrin; Cobantril; Early Bird; Helmex;
 Helmintox; Piranver; CP-10423-16; component of:
 Drontal, Drontal Plus, HeartGard Plus. Anthelmintic.
 Targets nematodes. Insoluble in H₂O. *Roerig Div., Pfizer
 Pharmaceuticals; Bayer Corp.; Merck & Co., Inc.*

1212 Pyrantel Tartrate

33401-94-4 8139 251-501-8
 $C_{15}H_{20}N_2O_6S$
 (E)-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2-thienyl)vinyl]-
 pyrimidine tartrate (1:1).
 Banminth; Strongid; CP-10423-18. Anthelmintic. Targets
 nematodes. mp = 148-150°; λ_m = 312 nm (log ε 4.27
 H₂O). *Pfizer Inc.*

1213 Pyrvinium Pamoate

3546-41-6 8206 222-596-3
 $C_{75}H_{70}N_6O_6$
 6-(Dimethylamino)-2-[2-(2,5-dimethyl-1-phenylpyrrol-3-
 yl)vinyl]-1-methylquinolinium 4,4'-methylenebis[3-
 hydroxy-2-naphthoate] (2:1).
 Povan; pyrvinium embonate; vipryinium embonate;
 Molevac; Neo-Oxypaat; Pamovin; Poquil; Povanil;
 Pyrcon; Tru; Vanquin; Vermitibier. Anthelmintic. Targets
 nematodes. mp = 210-215°; λ_m = 236, 356, 503 nm;
 insoluble in H₂O, Et₂O; slightly soluble in EtOH, CHCl₃,
 methoxyethanol. *Parke-Davis.*

1214 Quinacrine

83-89-6 8225 201-508-7
 $C_{23}H_{30}ClN_3O$
 6-Chloro-9-[[4-(diethylamino)-1-methylbutyl]amino]-2-
 methoxyacridine.
 mepacrine. Anthelmintic and antimalarial. Targets
 Cestodes. *Sterling Winthrop, Inc.*

1215 Quinacrine Dihydrochloride Dihydrate

6151-30-0 8225
 $C_{23}H_{32}Cl_3N_3O_2 \cdot 2H_2O$
 6-Chloro-9-[[4-(diethylamino)-1-methylbutyl]amino]-2-
 methoxyacridine dihydrochloride dihydrate.
 Atabrine hydrochloride; RP-866; SN-390. Anthelmintic
 and antimalarial. Targets Cestodes. mp = 248-250° (dec);
 soluble in H₂O (2.9 g/100 ml), slightly soluble in EtOH,
 MeOH; insoluble in Et₂O, C₆H₆, Me₂CO. *Sterling
 Winthrop, Inc.*

1216 Quinacrine Methanesulfonate Monohydrate

6598-46-5 8225
 $C_{25}H_{38}ClN_3O_7S_2 \cdot H_2O$
 6-Chloro-9-[[4-(diethylamino)-1-methylbutyl]amino]-2-
 methoxyacridine monomethanesulfonate monohydrate.
 Anthelmintic and antimalarial. Targets Cestodes. Soluble
 in H₂O (33 g/100 ml at 15°), EtOH (2.8 g/100 ml). *Sterling
 Winthrop, Inc.*

1217 Quintiofos

1776-83-6 217-208-4
 $C_{17}H_{16}NO_2PS$
 O-Ethyl O-(8-quinolyl)phenylphosphonothioate.
 Bayer 9037. Ixodicide. *Bayer AG.*

1218 α-Santonin

481-06-1 8509 207-560-7
 $C_{15}H_{18}O_3$
 {3S-(3α,3aα,5aβ,9bβ)}-3a,5,5a,9b-Tetrahydro-3,5a,9-
 trimethylnaphtho[1,2-b]furan-2,8(3H,4H)dione.
 l-Santonin. Anthelmintic. Targets nematodes. {(-)-form}:
 mp = 170-173°; [α]_D²⁵ = -170° to -175° (c = 2 EtOH); d =
 1.187; soluble in H₂O (0.02 g/100 ml at 25°, 0.4 g/100
 ml at 100°), 50% EtOH (0.36 g/100 ml at 25°, 10 g/100
 ml at 76°), 90% EtOH (2.3 g/100 ml at 25°, 33.3 g/100 ml
 at 76°), Et₂O (0.8 g/100 ml at 25°, 1.4 g/100 ml at 34.6°),
 CHCl₃ (23.2 g/100 ml at 25°); [±-form]: mp = 181°; λ_m²⁰ =
 241 nm (log ε 4.10 EtOH); [(+)-form]: mp = 172°; [α]_D²⁰ =
 165.9° (C = 1.92 EtOH).

1219 Sodium Antimonylgluconate

12550-17-3 742 235-699-3
 $C_6H_8NaO_7Sb$
 Trivalent antimony complex with sodium gluconate.
 Triostam. Anthelmintic. Targets schistosoma. Soluble in
 H₂O, insoluble in organic solvents. *Burroughs Wellcome.*

1220 Stibocaptate

27279-76-1 8966
 $C_{12}H_6Na_6O_{12}S_6Sb_2$
 2,2'-[(1,2-Dicarboxy-1,2-ethanediyl)bis(thio)]bis-1,3,2-
 dithiastibolane-4,5-dicarboxylic acid hexasodium salt.
 TWSb; Ro-4-1544/6; SB-58; Astiban. Anthelmintic.
 Targets schistosoma. Soluble in H₂O, LD₅₀ (mus sc) = 500

mg Sb/kg. *Hoffmann-LaRoche Inc.*

1221 Stibophen

15489-16-4 8967

$C_{12}H_4Na_5O_{16}S_4Sb \cdot 7H_2O$

(T-4)-Bis[4,5-dihydroxy-1,3-benzenedisulfonato(4-)-

O^4, O^5]-antimonate(5-) pentasodium heptahydrate.

Sdt-91; Fuadin; Fouadin; Fantorin; Neoantimosan; Repodral. Anthelmintic. Targets schistosoma. Soluble in cold H_2O ; insoluble in EtOH, Et_2O , $CHCl_3$; Me_2CO , petroleum ether; LD_{50} (rbt iv) $\approx$ 90 mg/kg. *Heyden Chemical; I.G. Farben; Sterling Winthrop, Inc.*

1222 Stilbazium Iodide

3784-99-4 8971 223-247-8

$C_{31}H_{36}IN_3$

1-Ethyl-2,6-bis[2-(4-(1-pyrrolidinyl)phenyl)-ethenyl]pyridinium iodide.

BW-61-32; Monopar. Anthelmintic. Targets nematodes. mp = 282-283°; insoluble in hot MeOH; LD_{50} (mus ip) = 7 mg/kg, (mus orl) = 1360 mg/kg. *Burroughs Wellcome.*

1223 Suramin Sodium

129-46-4 9181 204-949-3

$C_{51}H_{34}N_6Na_6O_{23}S_6$

8,8'-[Carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-1,3,5-naphthalenetrisulfonic acid hexasodium salt.

Bayer 205; Fourneau 309; Antrypol; Germanin; Moranyl; Naganol; Naphuride. Anthelmintic and antiprotozoal (trypanosoma). Targets nematodes. Freely soluble in H_2O ; poorly soluble in EtOH; insoluble in Et_2O , $CHCl_3$, petroleum ether; LD_{50} (mus iv) $\approx$ 620 mg/kg. *Bayer AG.*

1224 Tetrachloroethylene

127-18-4 9332 204-825-9

C_2Cl_4

Tetrachloroethene.

perchloroethylene; ethylene tetrachloride; Nema; Tetracap; Tetropil; Perclene; Ankilostin; Didakene. Anthelmintic. Targets nematodes and trematodes. d_4^{15} = 1.6311; d_4^{20} = 1.6230; bp = 121°; mp $\approx$ -22°; almost insoluble in H_2O , miscible with most organic solvents; LD_{50} (mus orl) = 8850 mg/kg, LC_{50} (mus ihl) = 5925 ppm.

1225 Thiabendazole

148-79-8 9426 205-725-8

$C_{10}H_7N_3S$

2-(4-Thiazolyl)-1H-benzimidazole.

MK-360; Omnizole; Thiaben; Thibenzole; Bovizole; Eprofil; Equizole; Mintezol; Top Form Wormer; Mertect; Lombristop; Minzolum; Nemapan; Polival; TBZ; Tecto. Anthelmintic. Targets nematodes. mp = 304-305°; λ_m = 298 nm (ϵ 23330 MeOH); slightly soluble in H_2O (3.84 g/100 ml at pH 2.2), soluble in DMF, DMSO; slightly soluble in alcohols, esters, chlorocarbons; LD_{50} (mus orl) = 3600 mg/kg, (rat orl) = 3100 mg/kg, (rbt orl) > 3800 mg/kg. *Merck & Co., Inc.*

1226 Thiabendazole Hypophosphite

28558-32-9 9426

$C_{10}H_8ClN_3S$

2-(4-Thiazolyl)-1H-benzimidazole hydrochloride.

Anthelmintic. Targets nematodes. *Merck & Co., Inc.*

1227 Thymol

89-83-8 9540 201-944-8

$C_{10}H_{14}O$

5-Methyl-2-(1-methylethyl)phenol.

3-p-cymenol; thyme camphor; m-thymol. Anthelmintic. Targets nematodes. bp $\approx$ 233°; mp = 51.5°; d_4^{25} = 0.9699; soluble in H_2O (0.1 g/100 ml), EtOH (100 g/100 ml), $CHCl_3$ (143 g/100 ml); Et_2O (66.7 g/100 ml), olive oil (142.8 g/100ml at 25°); LD_{50} (rat orl) = 980 mg/kg.

1228 Thymol N-Isoamylcarbamate

578-20-1 9550

$C_{16}H_{25}NO_2$

Isoamylcarbamic acid thymyl ester.

Egginin. Anthelmintic. Targets nematodes. mp = 57°; insoluble in H_2O . *E. Merck.*

1229 Triclofenol Piperazine

5714-82-9 9787

$C_{16}H_{16}Cl_6N_2O_2$

2,4,5-Trichlorophenol compound with piperazine (2:1).

Cl-416; Ranestol. Anthelmintic. Targets nematodes. mp = 109-110°. *Parke-Davis.*

1230 Urea Stibamine

1340-35-8 10010

MF Unknown

Carbostibamide. Antiprotozoal (Leishmania). Anthelmintic. Targets nematodes and schistosoma. Soluble in H_2O , partly soluble in EtOH, Et_2O . *Bristol-Myers Squibb Co.*

Antiacne Agents

1231 Adapalene

106685-40-9

$C_{28}H_{28}O_3$

6-[3-(1-Adamantyl)-4-methoxyphenyl]-2-naphthoic acid.

Differin Gel; CD-271. Used to treat acne. *Galderma Labs., Inc.*

1232 Algestone Acetophenide

24356-94-3 239 246-195-8

$C_{29}H_{36}O_4$

(R)-16 α ,17-Dihydroxypregn-4-ene-3,20-dione cyclic acetal with acetophenone.

Deladroxone; Droxone; Neolutin Depositum; P-DHP; SQ-15,101. Used to treat acne. mp = 150-151°; $[\alpha]_D^{23}$ = 51° ($CHCl_3$). *Bristol-Myers Squibb Co.*

1233 Azelaic Acid

123-99-9 938 204-669-1

$C_9H_{16}O_4$

1,7-Heptanedicarboxylic acid.

ZK-62498; lepargylic acid; anchoic acid; Skinoren; nonanedioic acid. Used to treat acne. mp = 106.5°; bp₁₀₀ = 286.5°, bp₅₀ = 265°; bp₁₅ = 237°; bp₁₀ = 225°; $d_4^{10.6}$ = 1.0291; soluble in H_2O (0.1 g/100 ml at 1°, 0.24 g/100 ml at 20°, 0.82 g/100 ml at 50°; 2.2 g/100 ml at 65°); freely soluble in boiling H_2O or EtOH; soluble in Et_2O

(1.88 g/100 ml at 11°, 2.68 g/100 ml at 15°); [dimethyl ester ($C_{11}H_{20}O_4$): $d_4^{20} = 1.0026$; mp = -3.9°; bp₈ = 140°. *Schering AG.*

1234 Benzoyl Peroxide

94-36-0 1149 202-327-6
 $C_{14}H_{10}O_4$
 Dibenzoyl peroxide.
 Acne-Aid Cream; Benoxyl; Benzac; Benzac W, Brevoxyl; Clear By Design; Dry and Clear; Epi-Clear; Fostex BPO Bar, Gel and Wash; Loroxyde; PanoxylPersa-Gel; Vanoxyde; Benzagel; Benzamycin; Desquam-X; pHisoAc BP; Sulfoxyl; benzoyl superoxide; Acetoxyl; Acnegel; Akneroxide L; Benoxyl; Benzagel 10; Benzaknen; Debroxide; Desanden; Lucidol; Nericur; Oxy-5; Oxy-L; PanOxyl; Peroxyderm; Preoxydex; Persadox; Sanoxit; Theraderm; Xerac BP 5; Xerac BP 10. Used to treat acne. mp = 103-106°; sparingly soluble in H_2O , EtOH; soluble in C_6H_6 , $CHCl_3$, Et_2O , CS_2 (2.5 g/100 ml), olive oil (2 g/100 ml). *Stiefel Labs., Inc.; Galderma Labs., Inc.; SmithKline Beecham Pharmaceuticals; Taiho; Bristol-Myers Squibb Co.; Dermik Labs., Inc.; Ortho Pharmaceutical Corp.; Westwood-Squibb Pharmaceuticals, Inc.; Sterling Winthrop, Inc.*

1235 Cioteronel

89672-11-7 2372
 $C_{16}H_{28}O_2$
 (±)-Hexahydro-4-(5-methoxyheptyl)-2(1H)-pentalenone. X-Andron; CPC-10997; Cyocitol; Exandron. Used to treat acne. Clear, colorless oil. *CBD Corp.*

1236 Cyproterone

2098-66-0 2844
 $C_{22}H_{27}ClO_3$
 6-Chloro-1β,2β-dihydro-17-hydroxy-3'H-cyclopropa[1,2]-pregna-1,4,6-triene-3,20-dione. SH-881; SH-80881. Used to treat acne. mp = 237.5-240°. *Schering AG.*

1237 Cyproterone Acetate

427-51-0 2844 207-048-3
 $C_{24}H_{29}ClO_4$
 6-Chloro-1β,2β-dihydro-17-hydroxy-3'H-cyclopropa[1,2]-pregna-1,4,6-triene-3,20-dione acetate. SH-714; NSC-81430; CPA; Androcur; Cyprostat. Used to treat acne. mp = 200-201°; $\lambda_m = 281$ nm (ϵ 17280 MeOH). *Schering AG.*

1238 Erythromycin Salnacedin

149908-23-6
 $C_{49}H_{80}N_2O_{18}S_2H_2O$
 Erythromycin compound with N-acetyl-L-cysteine salicylate (ester) (1:1) dihydrate. G-101; SCY-Er. Used to treat acne. *Genta Inc.*

1239 Inocoterone

83646-97-3
 $C_{16}H_{24}O_2$
 17β-Hydroxy-2,5-seco-A-dinorestr-9-en-5-one. Used to treat acne. *Hoechst-Roussel Pharmaceuticals Inc.*

1240 Inocoterone Acetate

83646-86-0
 $C_{18}H_{26}O_3$
 17β-Hydroxy-2,5-seco-A-dinorestr-9-en-5-one acetate.

RU-882; RU-38882. Used to treat acne. *Hoechst-Roussel Pharmaceuticals Inc.*

1241 Isotretinoin Anisatil

127471-94-7
 $C_{29}H_{36}O_4$
 p-Methoxyphenacyl 13-cis-retinoate. GR-116526X. Used to treat acne. *Glaxo Wellcome, UK.*

1242 Motretinide

56281-36-8 6367 260-094-6
 $C_{23}H_{31}NO_2$
 all trans N-Ethyl-9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonaterenamide. Tasmaderm; Ro-11-1430. Used to treat acne. mp = 179-180°. *Hoffmann-LaRoche Inc.*

1243 Resorcinol

108-46-3 8323 203-585-2
 $C_6H_6O_2$
 1,3-Benzenediol.
 component of: Acnomel, Rezamid, Sulforcin. Used to treat acne. d = 1.272; mp = 109-111°; bp = 280°; soluble in H_2O (111 g/100 ml at 25°, 500 g/100 ml at 80°), EtOH (111 g/100 ml); freely soluble in Et_2O , glycerol; slightly soluble in $CHCl_3$. *Menley & James Labs., Inc.; Dermik Labs., Inc.; Galderma Labs., Inc.*

1244 Retinoic Acid

302-79-4 8333 206-129-0
 $C_{20}H_{28}O_2$
 [all-E]-3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatrienoic acid.
 vitamin A acid; tretinoin; Aberel; Airol; Aknoten; Cordes Vas; Dermairol; Epi-Aberel; Eudyna; Retin-A; Vesnaroid. Used to treat acne. mp = 180-182°; $\lambda_m = 351$ nm (ϵ 45000 MeOH); LD₅₀ (10 day) (mus ip) = 790 mg/kg, (mus orl) = 2200 mg/kg, (rat ip) = 790 mg/kg, (rat orl) = 2000 mg/kg. *Hoffmann-LaRoche Inc.*

1245 Retinoic Acid 13-cis-form

4759-48-2 8333 225-296-0
 $C_{20}H_{28}O_2$
 (13-cis)-3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatrienoic acid.
 isotretinoin; Ro-4-3780; Accutane; Isotrex; Roaccutane. Used to treat acne. mp = 174-175°; $\lambda_m = 354$ nm (ϵ 39800); LD₅₀ (20 day) (mus ip) = 904 mg/kg, (mus orl) = 3389 mg/kg, (rat ip) = 901 mg/kg, (rat orl) > 4000 mg/kg. *Hoffmann-LaRoche Inc.*

1246 Tazarotene

118292-40-3 9249
 $C_{21}H_{21}NO_2S$
 Ethyl 6-[(4,4-dimethylthiochroman-6-yl)ethynyl]nicotinate. Zorac; AGN-190168. Used to treat acne and psoriasis. White solid. *Allergan, Inc.*

1247 Temarotene

75078-91-0
 $C_{23}H_{28}$
 1,2,3,4-Tetrahydro-1,1,4,4-tetramethyl-6-[(E)-α-methylstyryl]naphthalene.
 Ro-15-0778. A synthetic retinoid chemopreventive and

chemotherapeutic agent. Immunomodulator; antiacne.

1248 Tetroquinone

319-89-1 9385 206-275-5



Tetrahydroxy-p-benzoquinone.

HPEK-1; THQ; NSC-112931; Kelox. Used to treat acne.

Slightly soluble in cold H_2O , freely soluble in hot H_2O or

EtOH, poorly soluble in Et_2O ; behaves like a dibasic acid.

1249 Tioxolone

4991-65-5 9600 225-653-0



6-Hydroxy-1,3-benzoxathiol-2-one.

thioxolone; Camyna; Stepin; component of: Psoil. Used

to treat acne. mp = 160° ; insoluble in H_2O ; soluble in

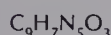
EtOH, iPrOH, propylene glycol, Et_2O , C_6H_6 , C_7H_8 .

Sterling Winthrop, Inc.; Boehringer Ingelheim GmbH.

Antiallergics

1250 Acitazanolast

114607-46-4



3'-(1H-Tetrazol-5-yl)oxanilic acid.

Antiallergic, antihistaminic.

1251 Amlexanox

68302-57-8 515

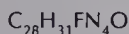


2-Amino-7-isopropyl-5-oxo-5H-[1]benzopyrano[2,3-b]-pyridine-3-carboxylic acid.

AA-673; CHX-3673; Elics; Solfa; amoxanox. Anti-allergic and antiasthmatic. An orally active lipo-oxygenase inhibitor. mp $> 300^\circ$. Takeda; Chemex Pharmaceuticals, Inc.

1252 Astemizole

68844-77-9 891 272-441-9

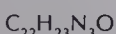


1-(p-Fluorobenzyl)-2-[[1-(p-methoxyphenethyl)-4-piperidyl]amino]benzimidazole.

Hismanal; R-43512; Astemisan; Histamen; Histaminos; Histazol; Kelp; Laridal; Metodik; Novo-Nastizol A; Paralergin; Retolen; Waruzol. Anti-allergic and antihistaminic. Non-sedating type histamine H_1 -receptor antagonist. mp = 149.1° ; soluble in organic solvents, insoluble in H_2O ; $\lambda_m = 219, 249, 286 \text{ nm}$ (ϵ 27250, 6480, 8634 EtOH), 209, 277 nm (ϵ 57889, 18073, 0.1N HCl). Janssen Pharmaceutical, Ltd.

1253 Azelastine

58581-89-8 939



4-(p-Chlorobenzyl)-2-(hexahydro-1-methyl-1H-azepin-4-yl)-1(2H)-phthalazinone.

Anti-allergic anti-asthmatic and antihistaminic. Orally

active histamine H_1 receptor antagonist. Soluble in

CH_2Cl_2 , oils. Carter-Wallace; Asta-Werke AG.

1254 Azelastine Hydrochloride

79307-93-0 939



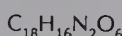
4-(p-Chlorobenzyl)-2-(hexahydro-1-methyl-1H-azepin-4-yl)-1(2H)-phthalazinone hydrochloride.

Astelin; A-5610; W-2979M; E-0659; Allergodil; Azeptin; Rhinolast. Anti-allergic anti-asthmatic and antihistaminic.

mp = $225-229^\circ$; LD_{50} (mmus iv) = 36.5 mg/kg, (mmus ip) = 56.4 mg/kg, (mmus sc) = 63.0 mg/kg, (mmus orl) = 124 mg/kg, (fms iv) = 35.5 mg/kg, (fms ip) = 42.8 mg/kg, (fms sc) = 54.2 mg/kg, (fms orl) = 139 mg/kg, (mrat iv) = 26.9 mg/kg, (mrat ip) = 43.2 mg/kg, (mrat sc) = 66.5 mg/kg, (mrat orl) = 310 mg/kg, (frat iv) = 30.3 mg/kg, (frat ip) = 46.6 mg/kg, (frat sc) = 59.6 mg/kg, (frat orl) = 417 mg/kg. Carter-Wallace; Asta-Werke AG.

1255 Bufrolin

54867-56-0

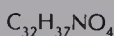


6-Butyl-1,4,7,10-tetrahydro-4,10-dioxo-1,7-phenanthraline-2,8-dicarboxylic acid.

An antiallergic and antihistaminic drug.

1256 Carebastine

90729-42-3



p-[4-[4-(Diphenylmethoxy)piperidino]butyryl]- α -methylhydratropic acid.

Antiallergic and antihistaminic.

1257 Cloxacepride

65569-29-1

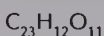


5-Chloro-4[2-(p-chlorophenoxy)acetamido]-N-[2-(diethylamino)ethyl]-o-anisamide.

Orally active antiallergic agent.

1258 Cromolyn

16110-51-3 2658 240-279-8

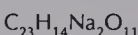


5,5'-[(2-Hydroxytrimethylene)dioxy]bis[4-oxo-4H-1-benzopyran-2-carboxylic acid].

cromoglycic acid; Duracroman. Anti-allergic and prophylactic anti-asthmatic. Bausch & Lomb Pharmaceuticals, Inc.; Fisons Corp.

1259 Cromolyn Disodium Salt

15826-37-6 2658 239-926-7

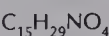


Sodium 5,5'-[(2-hydroxytrimethylene)dioxy]bis[4-oxo-4H-1-benzopyran-2-carboxylate].

Crolom; Gastrocrom; Intal; Nasalcrom; FPL-670; cromolyn sodium; disodium cromoglycate; DSCG; Aarane; Alercrom; Alerion; Allergocrom; Colimune; Cromovet; Fivent; Gastrfrenal; Inostrat; Introl; Irtan; Lomudal; Lomupren; Lomusol; Lomuspray; Nalcrom; Nalcron; Nasmil; Opticrom; Rynacrom; Sofro; Vividrin. Anti-allergic and prophylactic anti-asthmatic. Bausch & Lomb Pharmaceuticals, Inc.; Fisons Corp.

1260 Dioxamate

3567-40-6



(2-Methyl-2-nonyl-1,3-dioxolan-4-yl)methyl carbamate.

Antiallergic.

1261 Doqualast

64019-03-0



11-Oxo-11H-pyrido[2,1-b]quinazoline-2-carboxylic acid.

Antiallergic.

1262 Eclazolast

80263-73-6

 $C_{17}H_{12}ClNO_4$ 2-Ethoxyethyl 5-chloro-2-benzoxazolecarboxylate.
RHC-2871. Anti-allergic. Mediator release inhibitor. C.M. Industries.**1263 Emedastine**

87233-61-2

3597

 $C_{17}H_{26}N_4O$

1-(2-Ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)benzimidazole.

Anti-allergic, antihistaminic (H_1 receptor antagonist) and prophylactic anti-asthmatic. Histamine H_1 -receptor antagonist. Kanebo.**1264 Emedastine Difumarate**

87233-62-3

3597

 $C_{25}H_{34}N_4O_9$

1-(2-Ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)benzimidazole fumarate (1:2).

AL-3432A; KB-2413; LY-188695. Anti-allergic, antihistaminic (H_1 receptor antagonist) and prophylactic anti-asthmatic. Histamine H_1 -receptor antagonist. mp = 148-151°; LD₅₀ (gpg orl) = 744 mg/kg. Kanebo.**1265 Fenpiprane**

3540-95-2

4031

 $C_{20}H_{25}N$

1-(3,3-Diphenylpropyl)piperidine.

component of: Aspasan. Anti-allergic. mp = 41-42.5°; bp₈ = 210-220°. Winthrop-Stearns; Hoechst-Roussel Pharmaceuticals Inc.**1266 Fenpiprane Hydrochloride**

3329-14-4

4031

222-049-9

 $C_{20}H_{26}ClN$

1-(3,3-Diphenylpropyl)piperidine hydrochloride.

component of: Efusin. Anti-allergic. mp = 216-217°. Winthrop-Stearns; Hoechst-Roussel Pharmaceuticals Inc.

1267 Flezelastine

135381-77-0

 $C_{29}H_{30}FN_3O$

(±)-4-(p-Fluorobenzyl)-2-(hexahydro-1-phenethyl-1H-azepin-4-yl)-1(2H)-phthalazinone.

Antiasthmatic and antiallergic.

1268 Ibudilast

50847-11-5

4923

 $C_{14}H_{18}N_2O$

1-(2-Isopropylpyrazolo[1,5-a]pyridin-3-yl)-2-methyl-1-propanone.

KC-404; Ketas. Anti-allergic. Leukotirene D₄ antagonist. mp = 53.5-54°; freely soluble in organic solvents, slightly soluble in H₂O; LD₅₀ (mus iv) = 260 mg/kg. Kyorin.**1269 Lodoxamide**

53882-12-5

5585

 $C_{13}H_{10}ClN_3O_6$

N,N'-(2-Chloro-5-cyano-m-phenylene)dioxamic acid.

Anti-allergic and anti-asthmatic. Used topically to treat

allergic conjunctivitis. mp = 212° (dec); λ_m = 239.5 nm (ε 23800 0.1N NaOH). Alcon Labs.; Pharmacia & Upjohn, Inc.**1270 Lodoxamide Diethyl Ester**

53882-13-6

5585

 $C_{15}H_{14}ClN_3O_6$

Diethyl N,N'-(2-chloro-5-cyano-m-phenylene)dioxamate.

U-42718. Anti-allergic and anti-asthmatic. Used topically to treat allergic conjunctivitis. mp = 177-179°. Alcon Labs.; Pharmacia & Upjohn, Inc.

1271 Lodoxamide Tromethamine Salt

63610-09-3

5585

 $C_{19}H_{28}N_5O_{12}$

N,N'-(2-Chloro-5-cyano-m-phenylene)dioxamic acid compound with 2-amino-2-(hydroxymethyl)-1,3-propanediol.

Alomide; U-42585E; lodoxamide trometamol. Anti-allergic and anti-asthmatic. Used topically to treat allergic conjunctivitis. Alcon Labs.; Pharmacia & Upjohn, Inc.

1272 Mequitamium Iodide

101396-42-3

 $C_{21}H_{25}IN_2S$

(±)-1-Methyl-3-(phenothiazin-10-ylmethyl)quinuclidinium iodide.

LG-30435. The (+)-(S)-enantiomer 1β is 10x more potent than (-)-(R)-enantiomer 1α as a histamine antagonist; the two enantiomers show the same antimuscarinic activity in vitro. Antihistaminic; antiallergic; antimuscarinic.

1273 Minocromil

85118-44-1

 $C_{18}H_{16}N_2O_6$

6-(Methylamino)-4-oxo-10-propyl-4H-pyrano[3,2-g]-quinoline-2,8-dicarboxylic acid.

FPL-59360. Anti-allergic. Prophylactic anti-asthmatic. Fisons Corp.

1274 Nedocromil

69049-73-6

6524

 $C_{19}H_{17}NO_7$

9-Ethyl-6,9-dihydro-4,6-dioxo-10-propyl-4H-pyrano[3,2-g]quinoline-2,8-dicarboxylic acid.

FPL-59002. Anti-allergic. Prophylactic anti-asthmatic. mp = 298-300° (dec). Fisons Corp.

1275 Nedocromil Calcium

101626-68-0

6524

 $C_{19}H_{15}CaNO_7$

FPL-59002KC. Anti-allergic. Prophylactic anti-asthmatic. Fisons Corp.

1276 Nedocromil Sodium

69049-74-7

6524

 $C_{19}H_{15}NNa_2O_7$

Sodium 9-ethyl-6,9-dihydro-4,6-dioxo-10-propyl-4H-pyrano[3,2-g]quinoline-2,8-dicarboxylate.

FPL-59002KP; Tilade; Rapitil; Tilarin. Anti-allergic. Prophylactic anti-asthmatic. Fisons Corp.

1277 Nivimedone

49561-92-4

 $C_{11}H_8NO_4$

5,6-Dimethyl-2-aci-nitro-1,3-indandione.

Anti-allergic.

1278 Nivimedone Sodium Salt

62077-09-2

 $C_{11}H_8NNaO_4 \cdot H_2O$

5,6-Dimethyl-2-aci-nitro-1,3-indandione sodium salt monohydrate.

Anti-allergic.

1279 Olopatadine

113806-05-6

 $C_{21}H_{23}NO_3$

11-[(Z)-3-(Dimethylamino)propylidene]-6,11-sihydrodibenz[b,e]oxepin-2-acetic acid.

Anti-allergic. *Kyowa Hakko Kogyo Co., Ltd.***1280 Olopatadine Hydrochloride**

140462-76-6

 $C_{21}H_{24}ClNO_3$

11-[(Z)-3-(Dimethylamino)propylidene]-6,11-sihydrodibenz[b,e]oxepin-2-acetic acid hydrochloride.

KW-4679; ALO-4943A. Anti-allergic. *Kyowa Hakko Kogyo Co., Ltd.***1281 Oxatomide**

60607-34-2

7058

 $C_{27}H_{30}N_4O$

1-[3-[4-(Diphenylmethyl)-1-piperazinyl]propyl]-2-benzimidazolinone.

R-35443; Cellect; Cobiona; Dasten; Tinset. Anti-allergic and anti-asthmatic. mp = 153.6°; LD₅₀ (gpg orl) = 320 mg/kg, (gpg iv) = 23 mg/kg, (mus orl) > 2560 mg/kg, (mus iv) = 27 mg/kg, (rat orl) > 2560 mg/kg, (rat iv) = 30 mg/kg. *Janssen Pharmaceutical, Belgium.***1282 Pemirolast**

69372-19-6

7205

 $C_{10}H_8N_6O$

9-Methyl-3-(1H-tetrazol-5-yl)-4H-pyrido[1,2-a]pyrimidin-4-one.

Anti-allergic. mp = 310-311° (dec). *Bristol-Myers Squibb Co.***1283 Pemirolast Potassium Salt**

100299-08-9

7205

 $C_{10}H_8KN_6O$

9-Methyl-3-(1H-tetrazol-5-yl)-4H-pyrido[1,2-a]pyrimidin-4-one potassium salt.

Pemilaston; BMV-26517; TBX. Anti-allergic. Mediator release inhibitor. Very soluble in H₂O. *Bristol-Myers Squibb Co.***1284 Pentigetide**

62087-72-3

7270

 $C_{22}H_{36}N_8O_{11}$

N'-[1-[N-(N-L-α-Aspartyl-L-seryl)-L-α-aspartyl]-L-prolyl]-L-arginine.

Pentyde; HEPP; Pentapeptide DSDPR; DSDPR; Human IgE Pentapeptide; H-Asp-Ser-Asp-Pro-Arg-OH. Anti-allergic. [α]_D²⁰ = -78.6° (c = 1 H₂O). *Immunetech Pharmaceuticals.***1285 Picumast**

39577-19-0

7573

 $C_{25}H_{29}ClN_2O_3$

7-[3-[4-(p-Chlorobenzyl)-1-piperazinyl]propoxy]-3,4-dimethylcoumarin.

Anti-allergic. Histamine antagonist. mp = 112-114°, 115-117°. *Boehringer Mannheim GmbH.***1286 Picumast Dihydrochloride**

39577-20-3

7573

 $C_{25}H_{31}Cl_2N_2O_3$

7-[3-[4-(p-Chlorobenzyl)-1-piperazinyl]propoxy]-3,4-dimethylcoumarin dihydrochloride.

BM-15100; Auteral. Anti-allergic. Histamine antagonist. mp = 266-268°. *Boehringer Mannheim GmbH.***1287 Pirquinozol**

65950-99-4

 $C_{11}H_9N_3O_2$ 2-(Hydroxymethyl)pyrazolo[1,5-c]quinazolin-5(6H)-one. SQ-13847. Anti-allergic. *Bristol-Myers Squibb Co.***1288 Probicromil Calcium**

71144-97-3

 $C_{17}H_{10}CaO_8$

Calcium 4,6-dioxo-10-propyl-4H,6H-benzo[1,2-b:5,4-b']dipyran-2,8-dicarboxylate (1:1).

FPL-58668KC. Anti-allergic, used prophylactically. *Fisons Corp.***1289 Proxicromil**

60400-92-2

 $C_{17}H_{18}O_5$

6,7,8,9-Tetrahydro-5-hydroxy-4-oxo-10-propyl-4H-naphtho[2,3-b]pyran-2-carboxylic acid.

Anti-allergic. *Fisons Corp.***1290 Quinotolast**

101193-40-2

 $C_{17}H_{12}N_6O_3$

4-Oxo-1-phenoxy-N-1H-tetrazolyl-5-yl-4H-quinolizine-3-carboxamide.

FK-021. Antiallergic.

1291 Repirinast

73080-51-0

8305

 $C_{20}H_{21}NO_5$

Isopentyl-5,6-dihydro-7,8-dimethyl-4,5-dioxo-4H-pyrano[3,2-c]quinoline-2-carboxylate.

MY-5116; Romet. Anti-allergic and anti-asthmatic. mp = 236-241°; LD₅₀ (rat orl) > 5000 mg/kg, (rat sc) > 5000 mg/kg, (mus orl) > 5000 mg/kg, (mus sc) > 5000 mg/kg. *Mitsubishi Kasei.***1292 Suplatast tosylate**

94055-76-2

9178

 $C_{23}H_{33}NO_7S_2$

(±)-[2-[[p-(3-Ethoxy-2-hydroxypropoxy)phenyl]-carbamoyl]ethyl]dimethylsulfonium p-toluenesulfonate.

IPD-1151T. Anti-allergic. mp = 70-73°; LD₅₀ (mmus iv) = 81 mg/kg, (fms iv) = 96 mg/kg, (mrat iv) = 96 mg/kg, (frat iv) = 93 mg/kg, (mus orl) > 12500 mg/kg, (rat orl) > 10000 mg/kg. *Taiho.***1293 Tazanolast**

82989-25-1

9248

 $C_{13}H_{15}N_5O_3$

Butyl 3'-(1H-tetrazol-5-yl)oxanilate.

TO-188; WP-833; Tazalest; Tazanol. Anti-allergic.

Wakamoto.

1294 Tetrazolast

95104-27-1



4-(1H-Tetrazol-5-yl)tetrazolo[1,5-a]quinoline.

Anti-allergic and anti-asthmatic. *Marion Merrell Dow Inc.***1295 Tetrazolast Meglumine**

133008-33-0



4-(1H-Tetrazol-5-yl)tetrazolo[1,5-a]quinoline compound with 1-deoxy-1-(methylamino)-D-glucitol (1:1).

MDL-26024G0. Anti-allergic and anti-asthmatic. *Marion Merrell Dow Inc.***1296 Thiazinamium Chloride**

4320-13-2



Trimethyl(1-methyl-2-phenothiazin-10-ylethyl)-ammonium chloride.

WY-460E. Anti-allergic.

1297 Tiacrilast

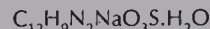
78299-53-3



(E)-6-(Methylthio)-4-oxo-3(4H)-quiazolineacrylic acid.

Ro-22-3747/000. Anti-allergic. *Hoffmann-LaRoche Inc.***1298 Tiacrilast Sodium**

11868-63-4



Sodium (E)-6-(methylthio)-4-oxo-3(4H)-quiazolineacrylate.

Ro-22-3747/007. Anti-allergic. *Hoffmann-LaRoche Inc.***1299 Tioxamast**

74531-88-7

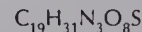


Ethyl [4-(p-methoxyphenyl)-2-thiazolyl]oxamate.

F-1865. Inhibits release and synthesis of certain mediators of allergy. Antiallergic.

1300 Tiprinast Meglumine

83198-90-7

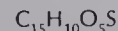


3,4-Dihydro-6-isobutyl-5-methyl-4-oxothieno[2,3-d]pyrimidine-2-carboxylic acid compound with 1-deoxy-1-(methylamino)-D-glucitol (1:1).

MJ-12175-170. Anti-allergic.

1301 Tixanox

40691-50-7

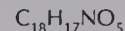


7-(Methylsulfinyl)-9-oxoxanthene-2-carboxylic acid.

Anti-allergic. *Syntex Labs. Inc.***1302 Tranilast**

53902-12-8

9705



N-(3,4-Dimethoxycinnamoyl)anthranilic acid.

MK-341; Rizaben; N-5'. Anti-allergic and anti-asthmatic. mp = 211-213°; LD₅₀ (mmus orl) = 780 mg/kg, (mmus ip) = 410 mg/kg, (mmus sc) = 2630 mg/kg, (fmus orl) = 680 mg/kg, (fmus ip) = 385 mg/kg, (fmus sc) = 2820 mg/kg, (mrat orl) = 1600 mg/kg, (mrat ip) = 405 mg/kg, (mrat sc)= 3630 mg/kg, (frat orl) = 1100 mg/kg, (frat ip) = 395 mg/kg, (frat sc) = 3060 mg/kg. *Merck & Co., Inc.; C.M. Industries.***1303 Traxanox**

58712-69-9

9711



9-Chloro-7-(1H-tetrazol-5-yl)-5H-[1]benzopyrano[2,3-b]pyridine-5-one.

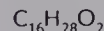
Y-12141 [as sodium salt pentahydrate]; Clearnal. Anti-allergic. mp > 300°. *Yoshitomi.*

Antialopecials

1304 Cioterone

89672-11-7

2372

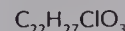


(±)-Hexahydro-4-(5-methoxyheptyl)-2(1H)-pentalenone.

X-Andron; CPC-10997; Cyotol; Exandron. Anti-androgen with antialopecia properties. Clear, colorless oil. *CBD Corp.***1305 Cyproterone**

2098-66-0

2844



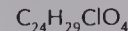
6-Chloro-1β,2β-dihydro-17-hydroxy-3'H-cyclopropa[1,2]-pregna-1,4,6-triene-3,20-dione.

SH-881; SH-80881. Anti-androgen with antialopecia properties. mp = 237.5-240°. *Schering AG.***1306 Cyproterone Acetate**

427-51-0

2844

207-048-3



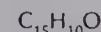
6-Chloro-1β,2β-dihydro-17-hydroxy-3'H-cyclopropa[1,2]-pregna-1,4,6-triene-3,20-dione acetate.

SH-714; NSC-81430; CPA; Androcur; Cyprostat. Anti-androgen with antialopecia properties. mp = 200-201°; λ_m = 281 nm (ε 17280 MeOH). *Schering AG.***1307 Diphenycprone**

886-38-4

3366

212-948-4

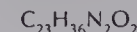


2,3-Diphenyl-2-cyclopropen-1-one.

DPC. Contact allergen, used as an antialopecia agent. mp = 87-90°; d = 1.202; λ_m = 297, 282, 226, 220 (log ε 4.3, 4.25, 4.13, 4.16 CH₃CN); [anhydrous form]: mp = 118-120°.**1308 Finasteride**

98319-26-7

4125



N-tert-Butyl-3-oxo-4-aza-5α-androst-1-ene 17β-carboxamide.

Propecia; Proscar; MK-906; Chibro-Proscar; Finastid; Prostide. A 5α-reductase inhibitor (testosterone → dihydrotestosterone converting enzyme). Formerly used as a treatment for benign prostatic hypertrophy. Also reported to have anti-alopecia properties and is now used to treat alopecia. mp = 257°, 252-254°; [α]_D = -59° (c = 1 MeOH); freely soluble in CHCl₃, DMSO, MeOH, EtOH, n-PrOH; sparingly soluble in propylene glycol, polyethylene glycol 400; very slightly soluble in H₂O, acids, bases. *Merck & Co., Inc.*

1309 Minoxidil

38304-91-5 6290 253-874-2
 $C_9H_{15}N_5O$
 6-(1-Piperidinyl)-2,4-pyrimidinediamine 3-oxide.
 PDP; U-10858; Aloplexil; Alostil; Loniten; Lonolox;
 Minoximen; Normoxidil; Pierminox; Prexidil; Regaine;
 Rogaine; Tricoxidil. Antialopecia agent with
 antihypertensive properties. mp = 248°, 259-261° (dec);
 λ_m = 230, 261, 285 nm (ϵ 35210, 11210, 11790 EtOH);
 232, 280 nm (ϵ 26350, 28350 0.1N H_2SO_4), 231, 261.5,
 285 nm (ϵ 36100, 11400, 12040 0.1N KOH); soluble in
 propylene glycol (7.5 g/100 ml), MeOH (4.4 g/100 ml),
 EtOH (2.9 g/100 ml), iPrOH (0.67 g/100 ml), DMSO
 (0.65 g/100 ml), H_2O (0.22 g/100 ml), $CHCl_3$ (0.05 g/100
 ml); slightly soluble in Me_2CO , EtOAc, Et_2O , C_6H_6 ,
 CH_3CN ; LD₅₀ (rat iv) = 49 mg/kg, (mus iv) = 51 mg/kg.
Pharmacia & Upjohn, Inc.

Antamebics**1310 Arsthinol**

119-96-0 852 204-361-7
 $C_{11}H_{14}AsNO_3S_2$
 3-Hydroxypropylene ester of 3-acetamido-4-
 hydroxydithiobenzene arsonous acid.
 Mercaptoarsenol; Balarsen. Antamebic. mp = 163-166°;
 slightly soluble in H_2O , Et_2O ; soluble in EtOH (2.9 g/ml).

1311 Berythromycin

527-75-3
 $C_{37}H_{67}NO_{12}$
 12-Deoxyerythromycin.
 Abbott-24091. Antamebic macrolide antibacterial.
Abbott Labs.

1312 Bialamicol

493-75-4 1242
 $C_{28}H_{40}N_2O_2$
 5,5'-Diallyl- α,α' -bis(diethylamino)-m,m'-bitolyl-4,4'-diol.
 Camoform; Biallylamicol; SN-6771; PAA-701.
 Antamebic. *Parke-Davis.*

1313 Bialamicol Dihydrochloride

3624-96-2 1242
 $C_{28}H_{42}Cl_2N_2O_2$
 5,5'-Diallyl- α,α' -bis(diethylamino)-m,m'-bitolyl-4,4'-diol
 dihydrochloride.
 Camoform hydrochloride; CAM-807; CI-301; PAA-701;
 NSC-6386. Antamebic. mp = 209-210°; soluble in H_2O .
Parke-Davis.

1314 Carbarsone

121-59-5 1830 204-484-6
 $C_7H_9AsN_2O_4$
 N-Carbamoylarsanilic acid.
 p-arsonophenylurea; Amabevan; Ameban; Amibiarsen;
 Arsambide; Carb-O-Sep; Histocarb; Fenarsone;
 Leucarsone; Aminarsone; Amebarsone. Antamebic.
 Antihistomonad in turkeys. mp = 174°; slightly soluble in
 H_2O , EtOH; insoluble in Et_2O , $CHCl_3$; LD₅₀ (rat orl) = 510
 mg/kg. *Sankyo.*

1315 Cephaeline

483-17-0 2020 207-591-6
 $C_{28}H_{38}N_2O_4$
 7',10,11-Trimethoxyemetan-6'-ol.
 dihydropsychotrine; desmethylemetine. Antamebic and
 emetic. mp = 115-116°; $[\alpha]_D^{20}$ = -43.4° (c = 2 $CHCl_3$);
 insoluble in H_2O ; soluble in MeOH, EtOH, Me_2CO ,
 $CHCl_3$; less soluble in Et_2O , petroleum ether.

1316 Chlorbetamide

97-27-8 2126
 $C_{11}H_{11}Cl_4NO_2$
 2,2-Dichloro-N-2,4-dichlorobenzyl-N-2-
 hydroxyethylacetamide.
 Mantomide; Win-5047; Pontalin. Antamebic. mp =
 112.4-113.4°; slightly soluble in H_2O , more soluble in
 EtOH (< 5 g/100 ml). *Sterling Winthrop, Inc.*

1317 Chloroquine

54-05-7 2215 200-191-2
 $C_{18}H_{26}ClN_3$
 7-Chloro-4-[[4-(diethylamino)-1-
 methylbutyl]amino]quinoline.
 Aralen; SN-7618; RP-3377; Artrichin; Bemaphate;
 Capquin; Nivaquine B; Resoquine; Reumachlor;
 Sanoquin; [sulfate] nivaquine. Antamebic, antimalarial.
 mp = 87°. *Sterling Winthrop, Inc.*

1318 Chloroquine Dihydrochloride

3545-67-3 2215 222-592-1
 $C_{18}H_{28}Cl_3N_3$
 7-Chloro-4-[[4-(diethylamino)-1-
 methylbutyl]amino]quinoline dihydrochloride.
 Aralen hydrochloride. Antamebic, antimalarial. *Sterling
 Winthrop, Inc.*

1319 Chloroquine Diphosphate

50-63-5 2215 200-055-2
 $C_{18}H_{32}ClN_3P_2O_8$
 7-Chloro-4-[[4-(diethylamino)-1-
 methylbutyl]amino]quinoline diphosphate.
 Aralen phosphate; Arechin; Avlocor; Imagon; Malaquin;
 Resochin; Tresochin. Antamebic, antimalarial and
 antirheumatic. Also has activity as a lupus erythematosus
 suppressant. mp = 193-195°, 215-218°; soluble in H_2O ,
 insoluble in organic solvents. *Sterling Winthrop, Inc.*

1320 Chlorphenoxamide

3576-64-5 2233 222-694-6
 $C_{17}H_{16}Cl_2N_2O_5$
 2,2-Dichloro-N-(2-hydroxyethyl)-n-[[4-(4-
 nitrophenoxy)phenyl]methyl]acetamide.
 clefamide; chlorphenoxamide; Mebinol. Antamebic.
 mp = 136-137°; insoluble in H_2O ; soluble in EtOH,
 Me_2CO , dioxane; LD₅₀ (mus orl) > 5000 mg/kg, (mus ip)
 = 2000 mg/kg. *Farmitalia Carlo Erba SpA.*

1321 Chlortetracycline

57-62-5 2245 200-341-7
 $C_{22}H_{23}ClN_2O_8$
 7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-
 octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-
 dioxo-2-naphthacene carboxamide.
 7-chlorotetracycline; Acronize; Aureocina; Aureomycin;
 Biomitsin; Centraureo; Chrusomykine; Orospray.

Antiamoebic and antiprotozoal. mp = 168-169°; $[\alpha]_D^{23} = -275.0^\circ$ (MeOH); $\lambda_m = 230, 262.5, 367.5$ nm (0.1N HCl), 255, 285, 345 nm (0.1N NaOH); soluble in H₂O (0.5-0.6 mg/ml), cellosolves, dioxane, carbitol; poorly soluble in other organic solvents. *Lederle Labs.; Fermenta Animal Health Co.*

1322 Chlortetracycline Hydrochloride

64-72-2 2245 200-591-7
 $C_{22}H_{24}Cl_2N_2O_8$
 7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide monohydrochloride. Aureomycin; Fermycin Soluble; Aureocyclina; Isphamycin. Antiamoebic and antiprotozoal. mp > 210° (dec); $[\alpha]_D^{23} = -240^\circ$; soluble in H₂O (8.6 mg/ml), MeOH (17.4 mg/ml), EtOH (1.7 mg/ml); insoluble in Me₂CO, Et₂O; CHCl₃, dioxane; LD₅₀ (rat orl) = 10300 mg/kg. *Lederle Labs.; Fermenta Animal Health Co.*

1323 Clamoxiquin

2545-39-3
 $C_{17}H_{24}ClN_3O$
 5-Chloro-7-[[[3-(diethylamino)propyl]amino]methyl]-8-quinolinol. Antiamoebic. *Parke-Davis.*

1324 Clamoxiquin Hydrochloride

4724-59-8
 $C_{17}H_{26}Cl_2N_3O$
 5-Chloro-7-[[[3-(diethylamino)propyl]amino]methyl]-8-quinolinol dihydrochloride. Clamoxyl; Cl-433; CN-17900-2B; PAA-3854; NSC-20246. Antiamoebic. *Parke-Davis.*

1325 Clloquinol

130-26-7 5052 204-984-4
 $C_9H_{15}ClINO$
 5-Chloro-7-iodo-8-quinolinol. Domeform-HC; Quin-O-Crème; Rheaform Boluses; Vioform; Cort-Quin; Formtone-HC; Lidaform-HC; Nystaform; Nystaform-HC; Racet; Vioform-Hydrocortisone; ; Amebil; Alchloquin; Amoenol; Bactol; Barquinol; Budoform; Chinoform; Clloquinol; Cliquinol; Eczeclin; Enteroquinol; Entero-Septol; Entero-Vioform; Enterozol; Entrokin; Hi-Eneterol; Iodoenterol; Nioform; Quinambicide; Rometin; Vioform; Vioformio. Antiamoebic. Also used as a topical anti-infective. mp = 178-179° (dec); $\lambda_m = 266$ nm ($A_1^{1\%}$ 990 H₂O/HCl), 269 nm ($A_1^{1\%}$ 1120 (MeOH/KOH)), 255 nm ($A_1^{1\%}$ 1570 EtOH); soluble in EtOH (7.8 mg/ml), EtOAc (58.8 mg/ml), AcOH (5.9 mg/ml); insoluble in H₂O, EtOH, Et₂O; LD₅₀ (cat orl) = 400 mg/kg. *Bayer AG; Marion Merrell Dow Inc.; Ciba-Geigy Corp.; Dermik Labs., Inc.; Lemmon Co.*

1326 Dehydroemetine

4914-30-1 2924 225-542-7
 $C_{29}H_{38}N_2O_4$
 3-Ethyl-9,10-dimethoxy-1,6,7,11b-tetrahydro-2-[(1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolyl)methyl]-4H-benzo[a]quinolizine. Ro-1-9334/19; 2,3-dehydroemetine; 2-dehydroemetine. Antiamoebic. The (-) form is therapeutically active. mp = 94-96°; $[\alpha]_D = -183^\circ$. *Hoffmann-LaRoche Inc.*

1327 Dibromopropamidine

496-00-4 3073
 $C_{17}H_{18}Br_2N_4O_2$
 4,4'-(Trimethylenedioxy)bis(3-bromobenzamidine). dibromopropamidine. Antiseptic and antiamoebic. *May & Baker Ltd.*

1328 Dibromopropamidine Isethionate

614-87-9 3073 210-399-5
 $C_{21}H_{30}Br_2N_4O_{10}S_2$
 4,4'-(Trimethylenedioxy)bis(3-bromobenzamidine) di(2-hydroxyethanesulfonate) (ester). dibromopropamidine isethionate; Brulidine; Brolene Ointment. Antiseptic and antiamoebic. Also used as a preservative in cosmetics. mp = 226°; soluble in H₂O (0.5 g/ml), EtOH (1.6 g/100 ml), glycerol; insoluble in Et₂O, CHCl₃, petroleum ether. *May & Baker Ltd.*

1329 Difetarsone

515-76-4 3394 208-209-0
 $C_{14}H_{16}As_2N_2Na_2O_6$
 N,N-Ethylenediarsanilic acid disodium salt. RP-4763; diphetarsone; Amebarsin; Bemarsal; Rodameb. Antiamoebic. Soluble in H₂O; less soluble in EtOH; insoluble in Me₂CO, CHCl₃.

1330 Diloxanide

579-38-4 3246 209-439-4
 $C_9H_9Cl_2NO_2$
 2,2-Dichloro-4'-hydroxy-N-methylacetanilide. Entamide; Ame-Boots; [2-furoic acid ester] furamide; Histomibal; Miforon. Antiamoebic. mp = 175°.

1331 Emetine

483-18-1 3600 207-592-1
 $C_{29}H_{40}N_2O_4$
 6',7',10,11-Tetramethoxyemetan. cephaeline methyl ether. Antiamoebic. mp = 74°; $[\alpha]_D^{20} = -50^\circ$ (c = 2 CHCl₃); soluble in MeOH, EtOH, CHCl₃, Me₂CO, EtOAc, CHCl₃; less soluble in H₂O, petroleum ether; LD₅₀ (rat ip) = 12.1 mg/kg.

1332 Emetine Dihydrochloride

316-42-7 3600 206-259-8
 $C_{29}H_{42}Cl_2N_2O_4$
 6',7',10,11-Tetramethoxyemetan dihydrochloride. Hemometina. Antiamoebic. mp = 235-255°; $[\alpha]_D = 11^\circ$ (c = 1) to 21° (c = 8); soluble in H₂O (143 mg/ml), EtOH; LD₅₀ (mus sc) = 32 mg/kg, (mus orl) = 30 mg/kg (free base).

1333 Etofamide

25287-60-9
 $C_{19}H_{20}Cl_2N_2O_5$
 2,2-Dichloro-N-(2-ethoxyethyl)-n-[(p-nitrophenoxy)-benzyl]acetamide. Antiamoebic.

1334 Fumagillin

23110-15-8 4308 245-433-8
 $C_{26}H_{34}O_7$
 [3R-[3 α ,4 α (2R*,3R*),5 β ,6 β (all E)]]-2,4,6,8-Decatetra-

enedioic acid mono[5-methoxy-4-[2-methyl-3-(3-methyl-2-butenyl)oxiranyl]-1-oxapso[2.5]oct-6-yl] ester. Amebacilin; Fugillin; Fumadil B; Fumidil. Antamebic and antiprotozoal. mp = 194-195°; $[\alpha]_D^{25} = -26.6^\circ$ ($c = 1$ in 95% EtOH); $\lambda_m = 335, 351$ nm (A 156.0, 1465.); insoluble in H₂O, soluble in most organic solvents; LD₅₀ (mus sc) = 800 mg/kg.

1335 Glaucarubin

1448-23-3 4444

C₂₅H₃₆O₁₀

[1 β ,2 α ,11 β ,12 α ,15 β (S)]-11,20-Epoxy-1,2,11,12-tetrahydroxy-15-(2-hydroxy-2-methyl-1-oxobutoxy)picras-3-en-16-one.

Glaumeba; α -Kirondrin. Antamebic. mp = 250-255° (dec) $[\alpha]_D^{25} = 45^\circ$ ($c = 1.7$ C₅H₅N), 69° ($c = 0.6$ MeOH); soluble in NaOH solutions, insoluble in NaHCO₃ solutions, slightly soluble in H₂O (< 1.8 mg/ml). *Marion Merrell Dow Inc.*

1336 Glycobiarsol

116-49-4 4503 204-143-1

C₈H₉AsBiNO₆

(Hydrogen N-glycololoylarsanilato)oxobismuth.

Dysentulin; Milibis; Viasept; Wintodon. Antamebic. Slightly soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃, C₆H₆.

1337 8-Hydroxy-7-iodo-5-quinolinesulfonic Acid

547-91-1 4872 208-938-4

C₉H₆INO₄S

7-Iodo-8-hydroxyquinoline-5-sulfonic acid.

Ferron; Loretin. Antamebic and antiseptic. mp = 260-270°; soluble in H₂O (2 g/l at 25°, 5.9 g/l at 100°), slightly soluble in EtOH, insoluble in other organic solvents.

1338 Iodoquinol

83-73-8 5063 201-497-9

C₉H₅I₂NO

5,7-Diiodo-8-quinolinol.

SS-578; Diodoquin; Disoquin; Floraquin; Dyodin; Dinoleine; Searlequin; Diodoxilin; Rafamebin; Ioquin; Direxiode; Stanquinat; Yodoxin; Zoaquin; Enterosept; Embequin. Antamebic. mp = 200-215° (dec); insoluble in H₂O; sparingly soluble in EtOH, Et₂O, Me₂CO; soluble in hot C₅H₅N, dioxane. *Searle, G.D., & Co.*

1339 Liroldine

105102-20-3

C₂₀H₂₀F₂N₄

2,2'-[(3,3'-Difluoro-4,4'-biphenylene)-dinitro]dipyridoline.

HL-707. Antamebic. LD₅₀ (mus ip) = 940 mg/kg.

1340 Panidazole

13752-33-5 237-334-3

C₁₁H₁₂N₄O₂

4-[2-(2-Methyl-5-nitroimidazole-1-yl)ethyl]pyridine. Amebicide.

1341 Paromomycin

7542-37-2 7173 231-423-0

C₂₃H₄₅N₅O₁₄

O-2,6-diamino-2,6-dideoxy- α -L-idopyranosyl-(1 $\rightarrow$ 3)-O- β -D-ribofuranosyl-(1 $\rightarrow$ 5)-O-[2-amino-2-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-2-deoxystreptamine.

Antamebic. $[\alpha]_D^{25} = 65^\circ \pm 3^\circ$; soluble in H₂O; less soluble in EtOH, MeOH; LD₅₀ (rat orl) = 1625 mg/kg, (rat sc) > 650 mg/kg, (rat iv) = 156 mg/kg, (mus orl) > 2275 mg/kg, (mus sc) = 423 mg/kg, (mus iiv) = 90 mg/kg. *Parke-Davis.*

1342 Paromomycin Sulfate

1263-89-4 7173 215-031-7

C₂₃H₄₅N₅O₁₄.xH₂SO₄

O-2,6-Diamino-2,6-dideoxy- α -L-idopyranosyl-(1 $\rightarrow$ 3)-O- β -D-ribofuranosyl-(1 $\rightarrow$ 5)-O-[2-amino-2-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-2-deoxystreptamine sulfate (salt).

Humatin; 1600 Antibiotic; FI-5853; Aminoxidin; Aminosidine; Farmiglucin; Farminosidin; Gabbromicina; Gabbromycin; Gabbrolar; Humagel; Pargonyl; Paramicina; Paricina; Sinosid. Antamebic. $[\alpha]_D^{20} = 50.5^\circ$ ($c = 1.5$ H₂O, pH 6); LD₅₀ (mus orl) > 15000 mg/kg, (mus sc) = 700 mg/kg, (mus iv) = 110 mg/kg. *Parke-Davis.*

1343 Phanquone

84-12-8 7337 201-516-0

C₁₂H₆N₂O₂

4,7-Phenanthroline-5,6-quinone.

Phanquinone; Phanchinone; phanquone; Ciba 11925; Entobex. Antamebic. mp = 295° (dec); $\lambda_m = 261$ nm (ϵ 10000).

1344 Polybenzarsol

54531-52-1 7723

Polymer of formaldehyde with 4-hydroxybenzenearsonic acid.

Benzocal; Benzodol. Antamebic. Soluble in H₂O, alcoholic NaOH; LD₅₀ (mmus ip) = 235 mg/kg. *Marion Merrell Dow Inc.*

1345 Propamidine

104-32-5 7981 203-195-2

C₁₇H₂₀N₄O₂

4,4'-(Trimethylenedioxy)dibenzamidine.

4,4'-diamidino- α,ω -diphenoxypropane. Antamebic and antiprotozoal. *May & Baker Ltd.*

1346 Propamidine Isethionate

140-63-6 7981 205-423-6

C₂₁H₃₂N₄O₁₀S₂

4,4'-(Trimethylenedioxy)-dibenzamidine isethionate.

M&B-782; Brolene Drops. Antamebic and antiprotozoal. mp = 235°; soluble in H₂O (20 g/100 ml), EtOH (3 g/100 ml), glycerol; insoluble in Et₂O, CHCl₃, petroleum ether. *May & Baker Ltd.*

1347 Quinfamide

62265-68-3 8241 263-478-1

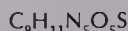
C₁₆H₁₃Cl₂NO₄

2-Furoic acid ester with 1-(dichloroacetyl)-1,2,3,4-tetrahydro-6-quinolinol.

Amenide; Amenox; Win-40014. Antamebic. mp = 150.5-151°; soluble in Me₂CO, EtOH. *Sterling Winthrop, Inc.*

1348 Satranidazole

56302-13-7



1-(1-Methyl-5-nitroimidazol-2-yl)-3-(methylsulfonyl)-2-imidazolidinone.

A nitroimidazole with high selective toxicity for anaerobic prokaryotes and eukaryotes. Antiamebic; antimicrobial; radiosensitizer.

1349 Secnidazole

3366-95-8

8562

222-134-0



2,α-Dimethyl-5-nitroimidazole-1-ethanol.

PM-185184; RP-14539; Flagentyl. Antiamebic. mp = 76°.

1350 Sulfarside

1134-98-1

9110



[2-Amino-4-(aminosulfonyl)phenyl]arsinous acid.

RP-4482; Bemarside. Antiamebic. The sodium salt is used as an antiamebic. Rhône-Poulenc Rorer Pharmaceuticals Inc.

1351 Symetine

15599-45-8



4,4'-(Ethylenedioxy)bis[N-hexyl-N-methylbenzylamine].

Antiamebic. Eli Lilly & Co.

1352 Symetine Hydrochloride

5585-62-6



4,4'-(Ethylenedioxy)bis[N-hexyl-N-methylbenzylamine] dihydrochloride.

Antiamebic. Eli Lilly & Co.

1353 Teclozan

5560-78-1

9262

226-934-0



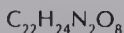
N,N'-(p-Phenylenedimethylene)bis[2,2-dichloro-N-(2-ethoxyethyl)acetamide].

Falmonox; Win-13146; Win-AM-13146; NSC-107433; teclosan; teclosine; teclozine. Antiamebic. mp = 137.6–143.9°; LD₅₀ (mus orl) > 8000 mg/kg. Sterling Winthrop, Inc.**1354 Tetracycline**

60-54-8

9337

200-481-9



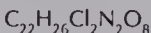
(4S,4aS,5aS,6S,12aS)-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene-carboxamide.

Liquamycin; Mysteclin-F; Talsutin; tsiklomitsin; Abricycline; Ambramycin; Bio-Tetra; Cyclomycin; Dumocyclin; Tetradecin. Antiamebic, antibacterial and antirickettsial. mp = 170–175° (dec); [α]_D²⁵ = -257.9° (0.1 N HCl), -239° (MeOH); λ_m = 220, 268, 355 nm (ε 13000, 18040, 13320 0.1N HCl); soluble in H₂O (1.7 mg/ml), MeOH (> 20 mg/ml); LD₅₀ (rat orl) = 707mg/kg, (mus orl) = 808 mg/kg. Pfizer Inc.; Bristol-Myers Squibb Co.**1355 Tetracycline Hydrochloride**

64-75-5

9337

200-593-8



(4S,4aS,5aS,6S,12aS)-4-(Dimethylamino)-

1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene-carboxamide monohydrochloride.

Achro; Achromycin; Ala-Tet; Cyclopar; Panmycin; Robitet; Steclin; Sumycin; TetraSURE; Ambracyn; Ambramicina; Bristaciclina; Cefracycline; Criseociclina; Cyclopar; Diocyclin; Helvecyclin; Hostacyclin; Imex; Mediletten; Mephacyclin; Panmycin; Partrex; Polycycline; Purociclina; Quadracyclin; Remicyclin; Riocyclin; Ro-cycline; Sanclomycine; St; Supramycin; Sustamycin; Tefilin; Tetrabakat; Tetrabid; Tetrablet; Tetrabon; Tetrachel; Tetracompre; Tetracyn; Tetrakap; Tetralution; Tetramavan; Tetramycin; Tetrosol; Topicycline; Totomycin; Triphacyclin; Unicin; Vetquamycin-324. Antiamebic, antibacterial and antirickettsial. mp = 214°; [α]_D²⁵ = -257.9° (c = 0.5 on 0.1N HCl); soluble in H₂O, MeOH, EtOH; insoluble in Et₂O, hydrocarbons; LD₅₀ (rat orl) = 6443 mg/kg. Lederle Labs.; Parke-Davis; Pharmacia & Upjohn, Inc.; Robins, A.H. Co.; Bristol-Myers Squibb Co.; Apoticon; Fermenta Animal Health Co.**1356 Thiocarbamizine**

91-71-4

9458



2,2'-[[[4-

[(Aminocarbonyl)amino]phenyl]arsinidene]bis(thio)]-bis[benzoic acid].

thiocarbamisine. Antiamebic. Sparingly soluble in H₂O, EtOH; insoluble in acids; soluble in alkali. Eli Lilly & Co.**1357 Thiocarbarsone**

120-02-5

9459



2,2'-[[[4-

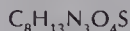
[(Aminocarbonyl)amino]phenyl]arsinidene]bis(thio)]-bis[acetic acid].

Antiamebic. Sparingly soluble in H₂O, EtOH; insoluble in acids; soluble in alkali. Eli Lilly & Co.**1358 Tinidazole**

19387-91-8

9588

243-014-4



1-[2-(Ethylsulfonyl)ethyl]-2-methyl-5-nitroimidazole.

Fasigin; Simplotan; Fasigin; CP-12574; Pletil; Sorquetan; Tricolam; Trimonase. Antiamebic and antiprotozoal. mp = 127–128°; LD₅₀ (mus orl) > 3600 mg/kg, (mus ip) > 2000 mg/kg. Pfizer Inc.

Antianginals

1359 Abanoquil

90402-40-7



4-Amino-2-(3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolyl)-6,7-dimethoxy quinoline.

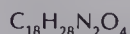
An alpha-adrenergic blocker and antiarrhythmic.

1360 Acebutolol

37517-30-9

16

253-539-0



(±)-3'-Acetyl-4'-[2-hydroxy-3-(1-methylethylamino)-propoxy]butylanilide.

Monitan; Sectral; Prent. Antianginal agent. Class II anti-arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 119-123°. *Wyeth Labs.*

1361 Acebutolol Hydrochloride

34381-68-5 16 251-980-3

$C_{18}H_{29}ClN_2O_4$
($\pm$)-3'-Acetyl-4'-[2-hydroxy-3-(1-methylethylamino)-propoxy]butylanilide hydrochloride.
IL-17803A; M&B-17803A; Acetanol; Neptall; Sectral. Antianginal agent. Class II anti-arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 141-143°; soluble in H_2O (200 mg/ml), EtOH (70 mg/ml). *Wyeth Labs.*

1362 Alprenolol

13655-52-2 321 237-140-9

$C_{15}H_{23}NO_2$
1-(*o*-Allylphenoxy)-3-(isopropylamino)-2-propanol.
H 56/28. Antianginal agent. Anti-arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. *ICI.*

1363 Alprenolol Hydrochloride

13707-88-5 321 237-244-4

$C_{15}H_{24}ClNO_2$
1-(*o*-Allylphenoxy)-3-(isopropylamino)-2-propanol hydrochloride.
Applobal; Aprobal; Aptine; Aptol Duriles; Gubernal; Regletin; Yobir. Antianginal agent. Class II anti-arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 107-109°; LD₅₀ (mus orl) = 278.0 mg/kg, (rat orl) = 597.0 mg/kg, (rbt orl) = 337.3 mg/kg. *ICI.*

1364 Amiodarone

1951-25-3 504 217-772-1

$C_{25}H_{29}I_2NO_3$
2-Butyl-3-benzofuranyl 4-[2-(diethylamino)ethoxy]-3,5-diiodophenyl ketone.
Cordarone; L-3428; SKF-33134-A. Antianginal and Class III anti-arrhythmic. Blocks both α - and β -receptors. *Wyeth-Ayerst Labs.*

1365 Amiodarone Hydrochloride

19774-82-4 504 243-293-2

$C_{25}H_{30}ClI_2NO_3$
2-Butyl-3-benzofuranyl 4-[2-(diethylamino)ethoxy]-3,5-diiodophenyl ketone hydrochloride.
L-3428; Amiodar; Ancoron; Angiodarona; Atlansil; Cordarex; Cordarone; Cordarone X; Miocard; Miodaron; Ortacrone; Ritmocardyl; Rythmarone; Trangorex. Antianginal and Class III anti-arrhythmic. Blocks both α - and β -receptors. mp = 156°, 159 $\pm$ 2°; λ_m = 208, 242 nm ($E_{1\text{ cm}}^{1\%}$ 662 $\pm$ 8, 623 $\pm$ 10 MeOH); soluble in EtOH (1.28 g/100 ml), MeOH (9.98 g/100 ml), $CHCl_3$ (44.51 g/100 ml), *n*-PrOH (0.13 g/100 ml), Et₂O (0.17 g/100 ml), THF (0.60 g/100 ml), C₆H₆ (0.65 g/100 ml), CH₂Cl₂ (19.20 g/100 ml), CH₃CN (0.32 g/100 ml), 1-octanol (0.30 g/100 ml), H₂O (0.07 g/100 ml), C₆H₁₄ (0.03 g/100 ml), petroleum ether (0.001 g/100 ml). *Wyeth-Ayerst Labs.*

1366 Amlodipine

88150-42-9 516

$C_{20}H_{25}ClN_2O_5$
3-Ethyl-5-methyl ($\pm$)-2-[(2-aminoethoxy)methyl]-4-(*o*-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate.
Antianginal agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. *Pfizer Inc.; Ciba-Geigy Corp.*

1367 Amlodipine Besylate

111470-99-6 516

$C_{26}H_{31}ClN_2O_8S$
3-Ethyl-5-methyl ($\pm$)-2-[(2-aminoethoxy)methyl]-4-(*o*-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate monobenzenesulfonate.
Norvasc; UK-48340-26; Antacal; Istin; Monopina; component of: Lotrel. Antianginal agent. Has anti-hypertensive properties. mp = 178-179°. *Pfizer Inc.; Ciba-Geigy Corp.*

1368 Amlodipine Maleate

88150-47-4 516

$C_{24}H_{29}ClN_2O_9$
3-Ethyl-5-methyl ($\pm$)-2-[(2-aminoethoxy)methyl]-4-(*o*-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate maleate.
UK-48340-11. Antianginal agent. Has anti-hypertensive properties. *Pfizer Inc.*

1369 Anipamil

83200-10-6 280-213-5

$C_{34}H_{52}N_2O_2$
2-[3-[(*m*-Methoxyphenethyl)methylamino]propyl]-2-(*m*-methoxyphenyl)tetradecanenitrile.
Antianginal and class IV anti-arrhythmic agent. Analog of verapamil.

1370 Arotinolol

68377-92-4 827

$C_{15}H_{21}N_3O_2S_3$
($\pm$)-5-[2-[[3-(*tert*-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide.
Antianginal agent. Also antihypertensive and antiarrhythmic. Possesses both α - and β -adrenergic blocking activity. mp = 148-149°. *Sumitomo.*

1371 Arotinolol Hydrochloride

68377-91-3 827

$C_{15}H_{22}ClN_3O_2S_3$
($\pm$)-5-[2-[[3-(*tert*-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide.
S-596; ARL; Almarl. Antianginal agent. Also antihypertensive and antiarrhythmic. Possesses both α - and β -adrenergic blocking activity. mp = 234-235.5°; LD₅₀ (mus iv) = 86 mg/kg, (mus ip) = 360 mg/kg, (mus orl) > 5000 mg/kg. *Sumitomo.*

1372 Atenolol

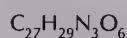
29122-68-7 892 249-451-7

$C_{14}H_{22}N_2O_3$
2-[*p*-[2-Hydroxy-3-(isopropylamino)propoxy]-phenyl]acetamide.
ICI-66082; AteHexal; Atenol; Cuxanorm; Ibinolo; Myocord; Prenormine; Seles Beta; Selobloc; Teno-basan; Tenoblock; Tenormin; Uniloc. Antianginal agent.

Cardioselective β -adrenergic blocking agent. Has antiarrhythmic and antihypertensive properties. mp = 146-148°, 150-152°; λ_m = 225, 275, 283 nm (MeOH); very soluble in MeOH; soluble in AcOH, DMSO; less soluble in Me₂CO, dioxane; insoluble in CH₃CN, EtOAc, CHCl₃; LD₅₀ (mus orl) = 2000 mg/kg, (mus iv) = 98.7 mg/kg, (rat orl) = 3000 mg/kg, (rat iv) = 59.24 mg/kg. *ICI; Apothecon; Lemmon Co.; Zeneca Pharmaceuticals; C.M. Industries.*

1373 Barnidipine

104713-75-9 1031

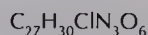


(+)-(3'S,4S)-1-Benzyl-3-pyrrolidinyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Mepirodipine. Antianginal agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. mp = 137-139°; $[\alpha]_D^{20}$ = 64.8 (c = 1 MeOH). *Yamanouchi U.S.A. Inc.*

1374 Barnidipine Hydrochloride

1031



(+)-(3'S,4S)-1-Benzyl-3-pyrrolidinyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate hydrochloride.

YM-09730-5; Hypoca. Antianginal agent. Dihydropyridine calcium channel blocker. Has antihypertensive properties. mp = 226-228°; $[\alpha]_D^{20}$ = 116.4° (c = 1 MeOH); insoluble in H₂O; LD₅₀ (mrat orl) = 105 mg/kg, (frat orl) = 113 mg/kg. *Yamanouchi U.S.A. Inc.*

1375 Bepridil

64706-54-3 1188



1-[2-(N-Benzylanilino)-1-(isobutoxymethyl)-ethyl]pyrrolidine.

Antianginal agent. Calcium channel blocker with antianginal and antiarrhythmic properties. bp_{0.1} = 184°, bp_{0.5} = 192°. *Wallace Labs.; McNeil Pharmaceutical.*

1376 Bepridil Hydrochloride

74764-40-2 1188



1-[2-(N-Benzylanilino)-1-(isobutoxymethyl)ethyl]-pyrrolidine monohydrochloride monohydrate.

Bepadin; Bepridil; Angopril; Corduim; Vascor; CERM-1978. Antianginal agent. Calcium channel blocker with antianginal and antiarrhythmic properties. mp = 91 ± 2°; LD₅₀ (mus orl) = 1955 mg/kg, (mus iv) = 23.5 mg/kg. *Wallace Labs.; McNeil Pharmaceutical.*

1377 Betaloc

56392-17-7 6235 260-148-9

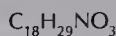


1-[4-(2-Methoxyethyl)phenoxy]-3-[(1-methylethyl)amino]-2-propanol tartate.

Beloc; Lopressor; Metoprolol Tartate. Antianginal agent. A proprietary preparation of metaprobol tartrate; used in the treatment of angina pectoris. Soluble in H₂O (1000 mg/ml), organic solvents; LD₅₀ (rat orl) = 3090 mg/kg. *Astra Chemicals Ltd.*

1378 Betaxolol

63659-18-7 1229



(±)-1-[p-[2-(Cyclopropylmethoxy)ethyl]phenoxy]-3-(isopropylamino)-2-propanol.

Antianginal agent with antihypertensive and antiglaucoma properties. Cardioselective β_1 adrenergic blocker. mp = 70-72°. *Alcon Labs.; Synthelabo Pharmacie.*

1379 Betaxolol Hydrochloride

63659-19-8 1229 264-384-3

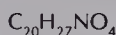


(±)-1-[p-[2-(Cyclopropylmethoxy)ethyl]phenoxy]-3-(isopropylamino)-2-propanol hydrochloride.

SLD-212; SL-75212; Betoptic; Betoptima; Kerlone. Antianginal agent with antihypertensive and antiglaucoma properties. Cardioselective β_1 adrenergic blocker. mp = 116°; LD₅₀ (mus orl) = 94 mg/kg, (mus iv) = 37 mg/kg. *Alcon Labs.; Synthelabo Pharmacie.*

1380 Bevantolol

59170-23-9 1238



(±)-1-[(3,4-Dimethoxyphenethyl)amino]-3-(m-toloxyl)-2-propanol.

Antianginal agent. Cardioselective β -adrenergic blocking agent. Has antiarrhythmic and antihypertensive properties. *Parke-Davis.*

1381 Bevantolol Hydrochloride

42864-78-8 1238

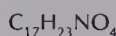


(±)-1-[(3,4-Dimethoxyphenethyl)amino]-3-(m-toloxyl)-2-propanol hydrochloride.

Vantol; Cl-775; Ranestol; Sentiloc. Antianginal agent. Cardioselective β -adrenergic blocking agent. Has antiarrhythmic and antihypertensive properties. mp = 137-138°. *Parke-Davis.*

1382 Bucumolol

58409-59-9 1489

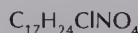


8-[(3-tert-Butylamino)-2-hydroxypropoxy]-5-methylcoumarin.

Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties. *Sankyo.*

1383 Bucumolol Hydrochloride

30073-40-6 1489



8-[(3-tert-Butylamino)-2-hydroxypropoxy]-5-methylcoumarin hydrochloride.

CS-359; Bucumolol. Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties. mp = 226-228°; LD₅₀ (mmus orl) = 676 mg/kg, (mmus iv) = 33.1 mg/kg, (fmus orl) = 692 mg/kg, (fmus iv) = 31.6 mg/kg. *Sankyo.*

1384 Bufetolol

53684-49-4 1496



1-(tert-Butylamino)-3-[o-[(tetrahydrofurfuryl)oxy]-phenoxy]-2-propanol.

Antianginal agent. A β -adrenergic blocker with

antianginal and antiarrhythmic properties. $bp_{0.07} = 180-186^\circ$. *Yoshitomi*.

1385 Bufetolol Hydrochloride

35108-88-4 1496 252-369-4

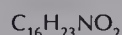


1-(tert-Butylamino)-3-[o-[(tetrahydrofurfuryl)oxy]-phenoxy]-2-propanol hydrochloride.

Y-6124; Adobiol. Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties. mp = $153.5-157^\circ$, $151-154^\circ$; soluble in H_2O , MeOH, AcOH; slightly soluble in C_6H_6 ; insoluble in Et_2O ; LD_{50} (mus orl) = 409 mg/kg, (mus sc) = 507 mg/kg, (rat orl) = 1142 mg/kg, (rat sc) = 1904 mg/kg. *Yoshitomi*.

1386 Bufuralol

54340-62-4 1504 259-112-5

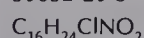


α -[(tert-Butylamino)methyl]-7-ethyl-2-benzofuranmethanol.

Antianginal, antihypertensive agent. A β -adrenergic blocker with peripheral vasodilating properties. *Hoffmann-LaRoche Inc.*

1387 Bufuralol Hydrochloride

59652-29-8 1504

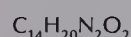


α -[(tert-Butylamino)methyl]-7-ethyl-2-benzofuranmethanol hydrochloride.

Ro-3-4787; Angium. Antianginal, antihypertensive agent. A β -adrenergic blocker with peripheral vasodilating properties. mp = 146° ; LD_{50} (mus iv) = 29.7 mg/kg, (mus ip) = 88.0 mg/kg, (mus orl) = 177 mg/kg, (rat sc) = 1400 mg/kg, (rat orl) = 750 mg/kg; [(+) form]: mp = $122-123^\circ$; $[\alpha]_{365}^{20} = 135.0^\circ$ (c = 1.0 EtOH); [(-) form]: mp = $122-123^\circ$; $[\alpha]_{20}^{20} = -136.0^\circ$ (c = 1.0 EtOH). *Hoffmann-LaRoche Inc.*

1388 Bunitrolol

34915-68-9 1514

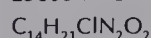


o-[3-(tert-Butylamino)-2-hydroxypropoxy]benzonitrile.

Ko-1366. Antianginal agent with antiarrhythmic and antihypertensive properties. A β -adrenergic blocker. *Boehringer Ingelheim GmbH*.

1389 Bunitrolol Hydrochloride

23093-74-5 1514 245-427-5

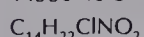


o-[3-(tert-Butylamino)-2-hydroxypropoxy]benzonitrile hydrochloride.

Betriol; Stresson. Antianginal agent with antiarrhythmic and antihypertensive properties. A β -adrenergic blocker. mp = $163-165^\circ$; LD_{50} (mus orl) = 1344-1440 mg/kg, (mus ip) = 264-265 mg/kg, (rat orl) = 639-649 mg/kg, (rat ip) = 222-225 mg/kg. *Boehringer Ingelheim GmbH*.

1390 Bupranolol

14556-46-8 1521



1-(tert-Butylamino)-3-[(6-chloro-m-tolyl)-oxy]-2-propanol. bupranol; Ophorenin. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker.

1391 Bupranolol Hydrochloride

15148-80-8 1521 239-208-3

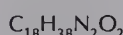


1-(tert-Butylamino)-3-[(6-chloro-m-tolyl)-oxy]-2-propanol hydrochloride.

B-1312; KL-255; Betadran; Betadrenol; Looser; Panimit. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = $220-222^\circ$.

1392 Butoprozine

62228-20-0



p-[3-(Diethylamino)propoxy]phenyl 2-ethyl-3-indoliziny ketone.

Antiarrhythmic and antianginal agent. *Labaz S.A.*

1393 Butoprozine Hydrochloride

62134-34-3 263-427-3

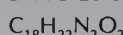


p-[3-(Diethylamino)propoxy]phenyl 2-ethyl-3-indoliziny ketone monohydrochloride.

L-9394. Antiarrhythmic and antianginal agent. *Labaz S.A.*

1394 Carazolol

57775-29-8 1822 260-945-1

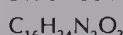


1-(Carbazol-4-yloxy)-3-isopropylamino-2-propanol.

BM-51052; Conducton; Suacron. Antianginal agent with antiarrhythmic and antihypertensive properties. A β -adrenergic blocker. [hydrochloride]: mp = $234-235^\circ$. *Boehringer Mannheim GmbH*.

1395 Carteolol

51781-06-7 1917



5-[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone.

Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. *Abbott Labs.*

1396 Carteolol Hydrochloride

51781-21-6 1917 257-415-7

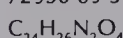


5-[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone hydrochloride.

Carteolol hydrochloride, Abbott 43326; OPC-1085; Arteoptic; Caltidren; Carteol; Cartrol; Endak; Mikelan; Optipress; Tenalet; Tenalin; Teoptic. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 278° ; LD_{50} (mrat orl) = 1380 mg/kg (mrat iv) = 158 mg/kg, (mrat ip) = 380 mg/kg, (mmus orl) = 810 mg/kg, (mmus iv) = 54.5 mg/kg, (mmus ip) = 380 mg/kg. *Abbott Labs.*

1397 Carvediol

72956-09-3 1924



($\pm$)-1-(Carbazol-4-yloxy)-3-[[2-(o-methoxyphenoxy)ethyl]amino]-2-propanol.

BM-14.190; Coreg; BM-14190; DQ-2466; Dilatrend; Dimitone; Eucardic; Kredex; Querto. Antianginal, antihypertensive Non-selective β -adrenergic blocker with vasodilating activity. mp = $114-115^\circ$. *Boehringer*

Mannheim GmbH; SmithKline Beecham Pharmaceuticals.

1398 Celiprolol

56980-93-9 2007 260-497-7
 $C_{20}H_{33}N_3O_4$
 3-[3-Acetyl-4-[3-(tert-butylamino)-2-hydroxypropoxy]phenyl]-1,1-diethylurea.
 ST-1396. Antianginal, antihypertensive agent.
 Cardioselective β_1 adrenergic blocker. mp = 110-112°.
 Hoechst Marion Roussel Inc.

1399 Celiprolol Hydrochloride

57470-78-7 2007 260-752-2
 $C_{20}H_{34}ClN_3O_4$
 3-[3-Acetyl-4-[3-(tert-butylamino)-2-hydroxypropoxy]phenyl]-1,1-diethylurea monohydrochloride.
 Celecol; Corliprol; Seletcor; Selectol. Antianginal, antihypertensive agent. Cardioselective β_1 adrenergic blocker. mp = 197-200° (dec); soluble in H_2O (15.1 g/100 ml), MeOH (18.2 g/100 ml), EtOH (1.61 g/100 ml), $CHCl_3$ (0.42 g/100 ml); λ_m = 221, 324 nm ($E_{1\%}^{1cm}$ 652, 57 H_2O), 231, 324 nm ($E_{1\%}^{1cm}$ 660, 60 0.01N HCl), 231, 324 nm ($E_{1\%}^{1cm}$ 640, 60 0.01N NaOH), 232, 329 nm ($E_{1\%}^{1cm}$ 775, 58 MeOH); LD₅₀ (mmus iv) = 56.2 mg/kg, (mmus orl) = 1834 mg/kg, (mrat iv) = 68.3 mg/kg, (mrat orl) = 3826 mg/kg. Hoechst Marion Roussel Inc.

1400 Cinepazet

23887-41-4 2349 245-927-3
 $C_{20}H_{28}N_2O_6$
 Ethyl-4-(3,4,5-trimethoxycinnamoyl)-1-piperazineacetate.
 ethyl cinepazate. Antianginal agent. mp = 130°.
 Delandale Labs., Ltd.

1401 Cinepazet Maleate

50679-07-7 2349 256-709-2
 $C_{24}H_{32}N_2O_{10}$
 Ethyl-4-(3,4,5-trimethoxycinnamoyl)-1-piperazineacetate maleate.
 MD-6753; Vascoril. Antianginal agent. mp = 96°; [hydrochloride]: mp = 200° (dec); LD₅₀ (mus iv) = 300 mg/kg, (mus orl) = 1300 mg/kg. Delandale Labs., Ltd.

1402 Desrazoxane

24584-09-6 8295
 $C_{11}H_{16}N_4O_4$
 (+)-(S)-4,4'-Propylenedi-2,6-piperazinedione.
 (+)-4,4'-propylenedi-2,6-piperazinedione; (+)-(3,5,3',5'-tetraoxo)-1,2-dipiperazinopropane; ICI-59118; ICRF-159; NSC-129943; ADR-529; ICRF-187; NSC-169780; Zinecard; (+)-razoxane; [hydrochloride] Cardioxane; Eucardion. Antianginal agent. The racemate is used as an antineoplastic. mp = 193°; $[\alpha]_D^{25}$ = 11.35° (c = 5, DMF); soluble in H_2O (10 mg/ml), 0.1N HCl (35-43 mg/ml), NaOH (6.7-10 mg/ml), EtOH (1 mg/ml), MeOH (7.1-10 mg/ml). Pharmacia & Upjohn, Inc.

1403 Devapamil

92302-55-1
 $C_{26}H_{36}N_2O_3$
 2-(3,4-Dimethoxyphenyl)-2-isopropyl-5-[(methoxyphenethyl)methylamino]valeronitrile.
 Antianginal, anti-arrhythmic.

1404 Diltiazem

42399-41-7 3247 255-796-4
 $C_{22}H_{26}N_2O_4S$
 (+)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester).
 Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. Bristol Myers Squibb Pharmaceuticals Ltd.; Hoechst Marion Roussel Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Lemmon Co.; Forest Pharmaceuticals Inc.

1405 Diltiazem Hydrochloride

33286-22-5 3247 251-443-3
 $C_{22}H_{27}ClN_2O_4S$
 (+)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) monohydrochloride.
 Cardizem; Dilacor XR; Tiazac; RG-83606. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. [d cis form]: mp = 207.5-212°; $[\alpha]_D^{24}$ = 98.3 ± 1.4° (c = 1.002 MeOH); soluble in H_2O , MeOH, $CHCl_3$; moderately soluble in EtOH; insoluble in C_6H_6 ; LD₅₀ (mmus iv) = 61 mg/kg, (mmus sc) = 260 mg/kg, (mmus orl) = 740 mg/kg, (fms iv) = 58 mg/kg, (fms sc) = 280 mg/kg, (fms orl) = 640 mg/kg, (mrat iv) = 38 mg/kg, (mrat sc) = 520 mg/kg, (mrat orl) = 560 mg/kg, (frat iv) = 39 mg/kg, (frat sc) = 550 mg/kg, (frat orl) = 610 mg/kg. Bristol Myers Squibb Pharmaceuticals Ltd.; Hoechst Marion Roussel Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Lemmon Co.; Forest Pharmaceuticals Inc.

1406 Diltiazem Malate

144604-00-2 3247
 $C_{26}H_{32}N_2O_9S$
 (+)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) (S)-malate (1:1) monohydrochloride.
 MK-793. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. Bristol Myers Squibb Pharmaceuticals Ltd.; Hoechst Marion Roussel Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Lemmon Co.; Forest Pharmaceuticals Inc.

1407 Dioxadilol

80743-08-4
 $C_{16}H_{25}NO_4$
 (±)-1-(1,4-Benzodioxan-2-ylmethoxy)-3-(tert-butylamino)-2-propanol.
 Antihypertensive, antianginal and anti-arrhythmic with beta adrenergic activity, but less potent than propranolol.

1408 Dopropidil

79700-61-1
 $C_{20}H_{35}NO_2$
 1-[1-(Isobutoxymethyl)-2-[[1-(1-propynyl)-cyclohexyl]oxy]ethyl]pyrrolidine.
 ORG-30701. Antianginal. Organon Inc.

1409 Elgodipine

119413-55-7 3587
 $C_{29}H_{33}FN_2O_6$

2-[(p-Fluorobenzyl)methylamino]ethyl isopropyl ($\pm$)-1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridinedicarboxylate.

Antianginal agent. A dihydropyridine calcium channel blocker. *Inst. Invest. Desarr.; Quimicobiol.*

1410 Elgodipine Hydrochloride

121489-04-1 3587

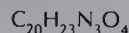


2-[(p-Fluorobenzyl)methylamino]ethyl isopropyl ($\pm$)-1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridinedicarboxylate hydrochloride.

IQB-875. Antianginal agent. A dihydropyridine calcium channel blocker. mp = 194-195°; LD₅₀ (mus ip) = 30-40 mg/kg. *Inst. Invest. Desarr.; Quimicobiol.*

1411 Epanolol

86880-51-5 3641



($\pm$)-N-[2-[[3-(o-Cyanophenoxy)-2-hydroxypropyl]amino]ethyl]-2-(p-hydroxyphenyl)acetamide.

ICI-141292; Visacor. Antianginal, antihypertensive agent. Cardiosensitive β_1 -adrenergic blocker with sympathomimetic activity. mp = 118-120°. *ICI.*

1412 Erythrityl Tetranitrate

7297-25-8 3716 230-734-9



(R*,S*)-1,2,3,4-Butane tetrol tetranitrate.

Cardilate; NSC-106566. Coronary vasodilator. Used as an antianginal. Oral/sublingual/buccal tablets; A proprietary formulation of erythrityl tetranitrate; for treatment of angina pectoris. mp = 61°; soluble in EtOH, Et₂O, glycerol, insoluble in H₂O. *Glaxo Wellcome, UK.*

1413 Felodipine

86189-69-7 3991



Ethyl methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate.

Plendil; H-154/82; Agon; Feloday; Flodil; Hydac; Munobal; Prevex; Splendil. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker marketed as the racemate. mp = 145°. *Astra USA, Inc.; Merck & Co., Inc.*

1414 Felodipine (dl form)

72509-76-3 3991



($\pm$) Ethyl methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate.

Plendil; H-154/82; Agon; Feloday; Flodil; Hydac; Munobal; Prevex; Splendil. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker marketed as the racemate. mp = 145°. *Astra USA, Inc.; Merck & Co., Inc.*

1415 Flusoxolol

84057-96-5

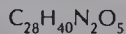


(S)-1-[p-[2-[(p-Fluorophenethyl)oxy]ethoxy]phenoxy]-3-(isopropylamino)-2-propanol.

A selective β_1 -adrenoceptor agonist. Antihypertensive, antianginal and antiarrhythmic.

1416 Gallopamil

16662-47-8 4369

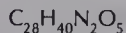


5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile.

methoxyverapamil; D-600. Antianginal agent. Calcium channel blocking agent, related to verapamil. Pale yellow viscous oil. *Knoll Pharmaceutical Co.*

1417 Gallopamil Hydrochloride

16662-46-7 4369 240-704-7

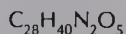


5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile hydrochloride.

Algoclor; Procorum. Antianginal agent. Calcium channel blocking agent, related to verapamil. mp = 145-148°. *Knoll Pharmaceutical Co.*

1418 d-Gallopamil Hydrochloride

38176-09-9 4369

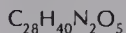


d-5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile hydrochloride.

Algoclor; Procorum. Antianginal agent. Calcium channel blocking agent, related to verapamil. mp = 160.5-161.5°; [α]_D²⁵ = 11.7° (c = 5.02 EtOH). *Knoll Pharmaceutical Co.*

1419 l-Gallopamil Hydrochloride

36222-39-6 4369

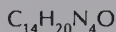


l-5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile hydrochloride.

Algoclor; Procorum. Antianginal agent. Calcium channel blocking agent, related to verapamil. mp = 160.5-161.5°; [α]_D²⁵ = -11.7° (c = 5.04 EtOH). *Knoll Pharmaceutical Co.*

1420 Imolamine

318-23-0 4959 206-267-1

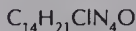


4-[2-(Diethylamino)ethyl]-5-imino-3-phenyl- Δ^2 -1,2,4-oxadiazoline.

Antianginal agent. bp_{0.2} = 165°.

1421 Imolamine Hydrochloride

15823-89-9 4959 239-920-4

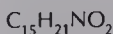


4-[2-(Diethylamino)ethyl]-5-imino-3-phenyl- Δ^2 -1,2,4-oxadiazoline hydrochloride.

LA-1211; Angolon; Irrigor. Antianginal agent. mp = 154-155°.

1422 Indenolol

60607-68-3 4974 262-323-5

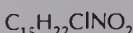


1-[1H-Inden-4 (or -7)-yloxy]-3-[(1-methylethyl)amino]-2-propanol.

YB-2; Sch-28316Z. Antihypertensive, antiarrhythmic and antianginal agent. A β -adrenergic blocker. mp = 88-89°. *Schering AC; Yamanouchi U.S.A. Inc.*

1423 Indenolol Hydrochloride

81789-85-7 4974



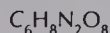
1-[1H-Inden-4 (or -7)-yloxy]-3-[(1-methylethyl)amino]-2-

propanol hydrochloride.

Pulsan; Securpres. Antihypertensive, antiarrhythmic and antianginal agent. A β -adrenergic blocker. mp = 147-148°; LD₅₀ (mus iv) = 26 mg/kg. *Schering AG; Yamanouchi U.S.A. Inc.*

1424 Isosorbide Dinitrate

87-33-2 5245 201-740-9



1,4:3,6-Dianhydro-D-glucitol dinitrate.

Cedocard; Isordil; Isordil Tembids; SDM-25; SDM-40; Sorbitrate; component of: BiDil, Dilatrate-SR. Antianginal, antihypertensive agent. A β -adrenergic blocker with peripheral vasodilating properties. mp = 70°; [α]_D²⁰ = 135° (EtOH); soluble in H₂O (1.1 mg/ml), more soluble in organic solvents. *Tillots Labs.; Wyeth Labs.; Wyeth-Ayerst Labs.; Zeneca Pharmaceuticals; Medco Research, Inc.; Schwarz Pharma Kremers Urban Co.*

1425 Isosorbide Mononitrate

16051-77-7 5245 240-197-2

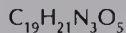


1,4:3,6-Dianhydro-D-glucitol-5-mononitrate.

Corangin; Elan; Elantan; Imdur; ISMO; Isomonat; Monicor; Monit; Mono-Cedocard; Monoclaire; Monoket; Momo Mack; Monosorb; Olicard; Pentacard; BM-22.145; IS 5-MN; AHR-4698. Coronary vasodilator used as an antianginal agent. Used to treat angina pectoris. mp = 88-91°. *Boehringer Mannheim GmbH; Key Pharmaceuticals; Wyeth-Ayerst Labs.; Schwarz Pharma Kremers Urban Co.*

1426 Isradipine

75695-93-1 5260

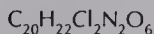


Isopropyl methyl ($\pm$)-4-(4-benzoxofurazanyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate.

DynaCirc; PN-200-110; Clivoten; Dynacrine; Esradin; Lomir; Prescal; Rebridin. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. mp = 168-170°; [S(+)] form (PN-205-033): mp = 142°; [α]_D²⁵ = 6.7° (c = 1.5 EtOH); [R(-)] form (PN-205-034): mp = 140°; [α]_D²⁵ = -6.7° (c = 1.67 EtOH). *Sandoz Pharmaceuticals Corp.*

1427 Lemildipine

125729-29-5



3-Isopropyl 5-methyl ($\pm$)-4-(2,3-dichlorophenyl)-1,4-dihydro-2-(hydroxymethyl)-6-methyl-3,5-pyridinedicarboxylate carbamate (ester). Dihydropyridine calcium channel blocker.

1428 Lidoflazine

3416-26-0 5507 222-312-8

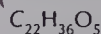


4-[4,4-Bis(p-fluorophenyl)butyl]-1-piperazineaceto-2',6'-xylidide.

Clinium; McN-JR-7094; R-7904; Angex; Klinium; Ordiflazine; Corflazine. Coronary vasodilator and antianginal agent. A proprietary preparation of lidoflazine; used for angina pectoris. mp = 159-161°; soluble in CHCl₃, less soluble in other organic solvents, insoluble in H₂O. *Janssen Pharmaceutical, Belgium; McNeil Pharmaceutical.*

1429 Limaprost

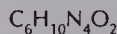
88852-12-4 5514



(E)-7-[(1R,2R,3R)-3-Hydroxy-2-2[(E)(3S,5S)-3-hydroxy-5-methyl-1-nonenyl]-5-oxocyclopentyl]-2-heptenoic acid. limaprost α -cyclodextrin clathrate; ONO-1206; OP-1206; Opalmon; Prorenal. Antianginal agent. Derivative of Prostaglandin E₁. mp = 97-100°. *Ono Pharmaceutical Co., Ltd.; Warner Lambert.*

1430 Linsidomine

33876-97-0

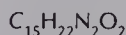


3-Morpholinosydnone imine.

SIN-1; 3-morpholinosydnonimine. A spontaneous donor of nitric oxide and active metabolite of the antianginal drug molsidomine. Nitric oxide donor.

1431 Mepindolol

23694-81-7 5901 245-831-1

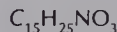


1-[Isopropylamino]-3-[(2-methyl-indol-4-yl)oxy]-2-propanol.

SH-E-222 [as sulfate salt]; Betagon; Corindolan; Mepicor. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. mp = 100-102°, 95-97°. *Sandoz Pharmaceuticals Corp.*

1432 Metoprolol

37350-58-6 6235 253-483-7

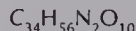


1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol.

CGP-2175; H-93/26. Antianginal, antihypertensive agent. A β -adrenergic blocker. *Ciba-Geigy Corp.; Astra Chemicals Ltd.; Apoticon; Lemmon Co.*

1433 Metoprolol Succinate

98418-47-4 6235

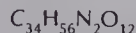


1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol succinate.

Toprol-XL. Antianginal, antiarrhythmic and antihypertensive agent. A β -adrenergic blocker. *Ciba-Geigy Corp.; Astra Chemicals Ltd.; Apoticon; Lemmon Co.*

1434 Metoprolol Tartrate

56392-17-7 6235 260-148-9



1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol tartrate.

Beloc; Betaloc; Lopressor; Lopresor; Prelis; Seloken; Selopral; Selo-Zok. Antianginal, antiarrhythmic and antihypertensive agent. A β -adrenergic blocker. Soluble in H₂O (> 100 g/100 ml), MeOH (> 50 g/100 ml), CHCl₃ (49.6 g/100 ml), Me₂CO (0.11 g/100 ml), CH₃CN (0.089 g/100 ml), C₆H₁₄ (0.0001 g/100 ml); LD₅₀ (f mus iv) = 118 mg/kg, (f mus orl) = 2090 mg/kg, (m rat iv) = 90 mg/kg, (m rat orl) = 3090 mg/kg. *Ciba-Geigy Corp.; Astra Chemicals Ltd.; Apoticon; Lemmon Co.*

1435 Molsidomine

25717-80-0 6316 247-207-4
 $C_9H_{14}N_4O_4$
 N-Carboxy-3-morpholinonyl ethyl ester.
 Corvaton; CAS-276; Corvasal; Molsidolat; Morial;
 Motazomin. Coronary vasodilator and antianginal agent.
 mp = 140-141°; poorly soluble in H_2O , more soluble in
 polar organic solvents; λ_m = 326 nm; LD_{50} (mmus sc) =
 780 mg/kg, (mmus iv) = 860 mg/kg, (mmus ip) = 700
 mg/kg, (mmus orl) = 830 mg/kg, (fmsc) = 750 mg/kg,
 (fmsc iv) = 800 mg/kg, (fmsc ip) = 760 mg/kg, (fmsc orl) =
 840 mg/kg, (mrsc) = 1380 mg/kg, (mrsc iv) = 830
 mg/kg, (mrsc ip) = 1250 mg/kg, (mrsc orl) = 1050 mg/kg,
 (frat sc) = 1350 mg/kg, (frat iv) = 760 mg/kg, (frat ip) =
 1250 mg/kg, (frat orl) = 1200 mg/kg. *Hoechst-Roussel
 Pharmaceuticals Inc.*

1436 Monatepil

132019-54-6
 $C_{28}H_{30}FN_3OS$
 (±)-N-(6,11-Dihydrodibenzo[b,e]thiepin-11-yl)-4-(p-
 fluorophenyl)-1-piperazinebutyramide.
 Antianginal agent. *Dainippon Pharmaceutical Co.*

1437 Monatepil Maleate

132046-06-1
 $C_{32}H_{34}FN_3O_5S$
 (±)-N-(6,11-Dihydrodibenzo[b,e]thiepin-11-yl)-4-(p-
 fluorophenyl)-1-piperazinebutyramide maleate (1:1).
 AJ-2615. Antianginal agent. *Dainippon Pharmaceutical
 Co.*

1438 Nadolol

42200-33-9 6431 255-706-3
 $C_{17}H_{27}NO_4$
 1-(tert-8butylamino)-3-[(5,6,7,8-tetrahydro-cis-6,7-
 dihydroxy-1-naphthyl)oxy]-2-propanol.
 Corgard; SQ-11725; Anabet; Solgol. Antihypertensive and
 antianginal agent. A β -adrenergic blocker. mp = 124-
 136°; λ_m = 270, 278 nm ($E_{1cm}^{1\%}$ 37.5, 39.1, MeOH); pKa =
 9.67; poorly soluble in organic solvents; insoluble in
 Me_2CO , C_6H_6 , Et_2O , C_6H_{14} ; LD_{50} (rat orl) = 5300 mg/kg,
 (mus orl) = 4500 mg/kg. *Apothecon; Bristol-Myers Squibb
 Co.*

1439 Nicardipine

55985-32-5 6579 259-932-3
 $C_{26}H_{29}N_3O_6$
 2-(Benzylmethylamino) ethyl methyl 1,4-dihydro-2,6-
 dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.
 Antianginal, antihypertensive agent. Dihydropyridine
 calcium channel blocker. Has anti-hypertensive
 properties. *Yamanouchi U.S.A. Inc.; Syntex Labs. Inc.*

1440 Nicardipine Hydrochloride

54527-84-3 6579 259-198-4
 $C_{26}H_{30}ClN_3O_6$
 2-(Benzylmethylamino) ethyl methyl 1,4-dihydro-2,6-
 dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate
 monohydrochloride.
 Cardene; YC-93; RS-69216; RS-69216-XX-07-0; 8arizin;
 Bionicard; Dacarel; Lecibral; Lescodil; Loxen; Nerdipina;
 Nicant; Nicardal; Nicarpin; Nicapress; Nicodel; Nimicor;
 Perdipina; Perdipine; Ranvil; Ridene; Rycarden; Rydene;
 Vasodin; Vasonase. Antianginal, antihypertensive agent.
 Dihydropyridine calcium channel blocker. Has anti-

hypertensive properties. [α form]: mp = 179-181°; [β
 form]: mp = 168-170°; LD_{50} (mrsc orl) = 634 mg/kg,
 (mrsc iv) = 18.1 mg/kg, (frat orl) = 557 mg/kg, (frat iv) =
 25.0 mg/kg, (mmus orl) = 634 mg/kg, (mmus iv) = 20.7
 mg/kg, (fmsc orl) = 650 mg/kg, (fmsc iv) = 19.9 mg.
Yamanouchi U.S.A. Inc.; Syntex Labs. Inc.

1441 Nicorandil

65141-46-0 6608 265-514-1
 $C_8H_9N_3O_4$
 N-(2-Hydroxyethyl)nicotinamide nitrate (ester).
 SG-75; Ikorel; Perisalol; Sigmart. Coronary vasodilator
 used as an antianginal agent. mp = 92-93°; LD_{50} (rat orl)
 = 1200-1300 mg/kg, (rat iv) = 800-1000 mg/kg. *Chugai
 Pharmaceutical Co., Ltd.*

1442 Nifedipine

21829-25-4 6617 244-598-3
 $C_{17}H_{18}N_2O_6$
 Dimethyl 1,4-dihydro-2,6-dimethyl-4-(o-nitrophenyl)-3,5-
 pyridinedicarboxylate.
 Adalat; Adalat CC; Procardia; Procardia XL; 8ay a 1040;
 Hexadilat; Introcar; Kordafen; Nifedidor; Nifedin; Nifelan;
 Nifelat; Nifensar XL; Orix; Oxcord; Pidilat; Procardia;
 Sepamit; Tibricol; Zenusin. Coronary vasodilator used as
 an antianginal agent. mp = 172-174°; λ_m = 340, 235 nm
 (ϵ 5010, 21590 MeOH), 338, 238 nm (ϵ 5740, 20600
 0.1N HCl), 340, 238 nm (5740, 20510 0.1N NaOH);
 soluble in Me_2CO (250 g/l), CH_2Cl_2 (160 g/l), $CHCl_3$ (140
 g/l), EtOAc (50 g/l), MeOH (26 g/l), EtOH (17 g/l); LD_{50}
 (mus orl) = 494 mg/kg, (mus iv) = 4.2 mg/kg, (rat orl) =
 1022 mg/kg, (rat iv) = 15.5 mg/kg. *Bayer AG; Pratt
 Pharmaceuticals.*

1443 Nifenalol

7413-36-7 6618 231-023-6
 $C_{11}H_{16}N_2O_3$
 (±)- α -[[(1-Methylethyl)amino]methyl]-4-
 nitrobenzenemethanol.
 isophenethanol. Antianginal, antiarrhythmic agent. A β -
 adrenergic blocker. mp = 98°. *Selvi.*

1444 Nifenalol Hydrochloride

5704-60-9 6618 227-194-1
 $C_{11}H_{17}ClN_2O_3$
 (±)- α -[[(1-Methylethyl)amino]methyl]-4-
 nitrobenzenemethanol hydrochloride.
 Inpea. Antianginal, antiarrhythmic agent. A β -adrenergic
 blocker. mp = 181°. *Selvi.*

1445 Niguldipine

113165-32-5
 $C_{36}H_{39}N_3O_6$
 (+)-(S)-3-(4,4-Diphenylpiperidino)propyl methyl 1,4-
 dihydro-2,6-dimethyl-4-(n-nitrophenyl)-3,5-
 pyridinedicarboxylate.
 8-844-39 [as hydrochloride]. Selective T-type calcium
 channel blocker. A dihydropyridine derivative.

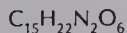
1446 Nilvadipine

75530-68-6 6637
 $C_{19}H_{19}N_3O_6$
 5-Isopropyl 3-methyl 2-cyano-1,4-dihydro-6-methyl-4-
 (m-nitrophenyl)-3,5-pyridinedicarboxylate.
 CL-287,389; FK-235; SK&F-102,362; Escor; Nivadil.

Antianginal, antiarrhythmic agent. β -adrenergic blocker. mp = 148-150°; [(+) form]: $[\alpha]_D^{20} = 222.42^\circ$ (c = 1 MeOH); [(-) form]: $[\alpha]_D^{20} = -219.62^\circ$ (c = 1 MeOH). *Fujisawa USA, Inc.; SmithKline Beecham Pharmaceuticals.*

1447 Nipradilol

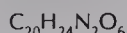
81486-22-8 6655



8-[2-Hydroxy-3-(isopropylamino)propoxy]-3-chromanol. Nipradilol; K-351; Hypadil. Antianginal, antihypertensive agent. A β -adrenergic blocker with vasodilating activity. mp = 107-116°, 110-122°; LD₅₀ (mus iv) = 74.0 mg/kg, (rat iv) = 73.0 mg/kg, (mus orl) = 540 mg/kg. *Kowa Chemical Industries Co., Ltd.*

1448 Nisoldipine

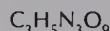
63675-72-9 6658 264-407-7



1,4-Dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylic acid methyl 2-methylpropyl ester. Bay k 5552; Baymycard; Norvasc; Syscor; Zadipina; Nisacor; Sular. Antianginal, antihypertensive agent. Calcium channel blocker. Used as an antihypertensive and anti-anginal. mp = 151-152°. *Bayer AG; Zeneca Pharmaceuticals.*

1449 Nitroglycerine

55-63-0 6704 200-240-8

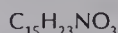


1,2,3-Propanetriol trinitrate.

Angised; S.N.G.; Adesitrin; Angibid; Angiolingual; Anginine; Angorin; Aquo-Trinitrosan; Cardamist; Cordipatch; Corangil; Coro-Nitro; Corditrine; glyceryl trinitrate; Deponit; Diafusor; Discotrine; Gilucor; GTN; Klavikordal; Lenital; Lentonitrina; Millisrol; Minitran; Myoglycerin; Nitradisc; Nitran; Nitriderm-TTS; Nitro-Bid; Nitrocline; Nitrocontin; Nitroderm-TTS; Nitrodisc; Nitrodur; Nitrofortin; ; Nitrolan; Nitrolande; Nitrolar; Nitrolent; Nitrolingual; Nitro Mack; Nitromex; Nitronal; Nitrong; Nitro-PRN; Nitrorectal; Nitroretard; Nitrosigma; Nitrostat; Nitrozell-Retard; Nysconitine; Percutol; Perlinganit; Reminitrol; Suscard; Sustac; Sustonit; Transderm-Nitro; Transiderm-Nitro; Tridil; Trinalgon; Trinitrosan; Vasoglyn. Antianginal agent. A proprietary preparation of glyceryl trinitrate in a stabilized base; a vasodilator used in the treatment of angina pectoris. mp = 2.8°, 13.5°; $d_4^{15} = 1.599$; $d_4^{16} = 1.6144$; $d_4^{15} = 1.6009$; $d_4^{25} = 1.5918$; explodes at 218°; soluble in H₂O (1.25 g/l), EtOH (197.6 g/l), MeOH (43.7 g/l), CS₂ (10.40 g/l); soluble in Et₂O, Me₂CO, EtOAc, AcOH, C₆H₆, C₆H₅NO₂, C₅H₅N, CHCl₃, methylene bromide, dichloroethylene; less soluble in petroleum ether; glycerol. *Schwarz Pharma Kremers Urban Co.; U.S. Ethicals, Inc.; KV Pharmaceutical; 3M Pharmaceuticals; Hoechst Marion Roussel Inc.; Roberts Pharmaceutical Corp.; Key Pharmaceuticals; Savage Labs.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Parke-Davis; Zeneca Pharmaceuticals; Ciba-Geigy Corp.*

1450 Oxprenolol

6452-71-7 7086 229-257-9

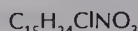


1-(o-Allyloxyphenoxy)-3-isopropylamino-2-propanol. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. mp = 78-80°. *Ciba-*

Geigy Corp.; Bayer AG.

1451 Oxprenolol Hydrochloride

6452-73-9 7086 229-260-5



1-(o-Allyloxyphenoxy)-3-isopropylamino-2-propanol hydrochloride.

Ba-39089; Coretal; Laracor; Paritane; Slow-Pren; Trasicor; Trasacor. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. mp = 107-109°. *Ciba-Geigy Corp.; Bayer AG.*

1452 Oxyfedrine

15687-41-9 7096



3-[(α S, β R)- β -Hydroxy- α -methylphenethyl]amino]-3'-methoxypropiophenone.

oxyphedrine. Antianginal agent. Used in treatment of coronary insufficiency. *Degussa AG.*

1453 Oxyfedrine Hydrochloride

16777-42-7 7096 240-828-1

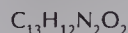


3-[(α S, β R)- β -Hydroxy- α -methylphenethyl]amino]-3'-methoxypropiophenone hydrochloride.

Ildamen; Modacor. Antianginal agent. Used in treatment of coronary insufficiency. [l form]: mp = 192-194°; LD₅₀ (mus iv) = 29 mg/kg; [dl form]: mp = 173-175°; LD₅₀ (mus iv) = 34 mg/kg. *Degussa AG.*

1454 Ozagrel

82571-53-7 7115



(E)-3-[4-(1H-Imidazol-1-ylmethyl)cinnamic acid.

OKY-046. Antianginal and antithrombotic. mp = 223-224°. *Ono Pharmaceutical Co., Ltd.; Kissei.*

1455 Ozagrel Hydrochloride

78712-43-3 7115



(E)-3-[4-(1H-Imidazol-1-ylmethyl)cinnamic acid hydrochloride.

Antianginal and antithrombotic. mp = 214-217°. *Ono Pharmaceutical Co., Ltd.; Kissei.*

1456 Ozagrel Sodium

7115

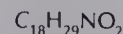


Sodium (E)-3-[4-(1H-imidazol-1-ylmethyl)cinnamate.

Cataclot; Xanbon. Antianginal and antithrombotic. LD₅₀ (mmus iv) = 1940 mg/kg, (mmus orl) = 3800 mg/kg, (mmus sc) = 2450 mg/kg, (fmsus iv) = 1580 mg/kg, (fmsus orl) = 3600 mg/kg, (fmsus sc) = 2100 mg/kg, (mrat iv) = 1150 mg/kg, (mrat orl) = 5900 mg/kg, (mrat sc) = 2300 mg/kg, (frat iv) = 1300 mg/kg, (frat orl) = 5700 mg/kg, (frat sc) = 2250 mg/kg. *Ono Pharmaceutical Co., Ltd.; Kissei.*

1457 Penbutolol

38363-40-5 7209



(S)-1-(tert-Butylamino)-3-(o-cyclopentylphenoxy)-2-propanol.

Antianginal, antihypertensive and antiarrhythmic. A β -adrenergic calcium channel blocker with antiarrhythmic activity. mp = 68-72°; $[\alpha]_D^{20} = -11.5^\circ$ (c = 1 MeOH);

soluble in MeOH, EtOH, CHCl_3 . *Hoechst*.

1458 Penbutolol Sulfate

38363-32-5 7209 253-906-5

$\text{C}_{36}\text{H}_{40}\text{N}_2\text{O}_8\text{S}$

(S)-1-(tert-Butylamino)-3-(o-cyclopentylphenoxy)-2-propanol sulfate (salt) (2:1).
HOE-893d; HOE-39-893d; Betapressin; Levatol; Paginol. Antianginal, antihypertensive and antiarrhythmic. A β -adrenergic calcium channel blocker with antiarrhythmic activity. mp = 216-218° (dec); $[\alpha]_{\text{D}}^{20}$ = -24.6° (c = 1 MeOH). *Hoechst*.

1459 Pentaerythritol Tetranitrate

78-11-5 7249 201-084-3

$\text{C}_5\text{H}_8\text{N}_4\text{O}_{12}$

2,2-Bis(hydroxymethyl)-1,3-propanediol tetranitrate. Cardiacap; Pentritol Tempules; Peritrate; PETN; nitropentaerythritol; Penthrit; Niperyt; Lentrat; Hasethrol; Mycardol; Nitropenton; Pentral 80; Dilcoran 80; Terpate; Pentrite; Perityl; Pentritol; Pentanitrene; Prevangor; Subicard; Pentryate; Vasodiatol; Neo-Corovas; Pentaflin; Quintrate; Pergital; Pentitrate; Metranil; Angitet; Nitropenta; component of: Miltrate. Coronary vasodilator. Used as an antianginal. A proprietary preparation of pentaerythritol tetranitrate; a vasodilator used for angina pectoris. mp = 140°; soluble in Me_2CO ; sparingly soluble in EtOH, Et_2O ; insoluble in H_2O . Rhône-Poulenc Rorer Pharmaceuticals Inc.; Parke-Davis; Wallace Labs.

1460 Pindolol

13523-86-9 7597 236-867-9

$\text{C}_{14}\text{H}_{20}\text{N}_2\text{O}_2$

1-(Indol-4-yloxy)-3-(isopropylamino)-2-propanol. LB-46; Viskin; prinodolol; Betapindol; Blocklin L; Calvisken; Decreten; Durapindol; Glauco-Visken; Pectobloc; Pinbetol; Pynastin. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 171-163°. Sandoz Pharmaceuticals Corp.

1461 Primidolol

67227-55-8

$\text{C}_{17}\text{H}_{23}\text{N}_3\text{O}_4$

1-[2-[[2-Hydroxy-3-(o-toloxo)propyl]-amino]ethyl]thymine. UK-11443. Antihypertensive, antianginal, anti-arrhythmic (cardiac depressant). *Pfizer International*.

1462 Pronetalol

54-80-8 7974

$\text{C}_{15}\text{H}_{19}\text{NO}$

2-Isopropyl-1-(naphth-2-yl)ethanol. Pronethalol; nethalide. Antianginal, antihypertensive and antiarrhythmic. A β -adrenergic blocker. mp = 108°. *ICI*.

1463 Pronetalol Hydrochloride

51-02-5 7974

$\text{C}_{15}\text{H}_{20}\text{ClNO}$

2-Isopropyl-1-(naphth-2-yl)ethanol hydrochloride. Pronethalol hydrochloride; ICI-38174; AY-6204; Alderlin. Antianginal, antihypertensive and antiarrhythmic. A β -adrenergic blocker. mp = 184°; LD_{50} (mus orl) = 512 mg/kg, (mus iv) = 46 mg/kg. *ICI*.

1464 Propranolol

525-66-6 8025 208-378-0

$\text{C}_{16}\text{H}_{21}\text{NO}_2$

1-(Isopropylamino)-3-(1-naphthylloxy)-2-propanol. Avlocardyl; Euprovasin. Antianginal and antiarrhythmic agent. A β -adrenergic blocker. mp = 96°. *Wyeth-Ayerst Labs.*; *Parke-Davis*; *ICI*.

1465 Propranolol Hydrochloride

318-98-9 8025 206-268-7

$\text{C}_{16}\text{H}_{22}\text{ClNO}_2$

1-(Isopropylamino)-3-(1-naphthylloxy)-2-propanol hydrochloride. AY-64043; ICI-45520; NSC-91523; Angilol; Apsolol; Bedranol; Beprane; Berkolol; Beta-Neg; Beta-Tablinen; Beta-Timelets; Cardinol; Caridolol; Deralin; Dociton; Duranol; Efektolol; Elbol; Frekven; Inderal; Indobloc; Intermigran; Kemi S; Oposim; Prano-Puren; Prophylux; Propanur; Pylapron; Rapynogen; Sagittol; Servanolol; Sloprolol; Sumial; Tesnol. Antianginal and antiarrhythmic agent. A β -adrenergic blocker. mp = 163-164°; soluble in H_2O , alcohol; insoluble in Et_2O , C_6H_6 , EtOAc; LD_{50} (mus orl) = 565 mg/kg, (mus iv) = 22 mg/kg, (mus ip) = 107 mg/kg. *Wyeth-Ayerst Labs.*; *Parke-Davis*; *ICI*.

1466 Ranolazine

95635-55-5 8287

$\text{C}_{24}\text{H}_{33}\text{N}_3\text{O}_4$

($\pm$)-4-[2-Hydroxy-3-(o-methoxyphenoxy)propyl]-1-piperazineaceto-2',6'-xylylide. Antianginal agent. Anti-ischemic agent which modulates myocardial metabolism. *Syntex Labs. Inc.*

1467 Ranolazine Hydrochloride

95635-56-6 8287

$\text{C}_{24}\text{H}_{35}\text{Cl}_2\text{N}_3\text{O}_4$

($\pm$)-4-[2-Hydroxy-3-(o-methoxyphenoxy)propyl]-1-piperazineaceto-2',6'-xylylide dihydrochloride. RS-43285. Antianginal agent. Anti-ischemic agent which modulates myocardial metabolism. mp = 164-166°; soluble in H_2O . *Syntex Labs. Inc.*

1468 Semotiadil

116476-13-2 8590

$\text{C}_{29}\text{H}_{32}\text{N}_2\text{O}_6\text{S}$

(R)-2-[2-[3-[[2-(1,3-Benzodioxol-5-yloxy)ethyl]-methylamino]propoxy]-5-methoxyphenyl]-4-methyl-2H-1,4-benzothiazin-3(4H)-one. sesamodil; DS-4823. Antianginal, antiarrhythmic agent. A β -adrenergic blocker. *Santen*.

1469 Semotiadil Fumarate

116476-14-3 8590

$\text{C}_{33}\text{H}_{36}\text{N}_2\text{O}_{10}\text{S}$

(R)-2-[2-[3-[[2-(1,3-Benzodioxol-5-yloxy)ethyl]-methylamino]propoxy]-5-methoxyphenyl]-4-methyl-2H-1,4-benzothiazin-3(4H)-one fumarate. SD-3211. Antianginal, antiarrhythmic agent. A β -adrenergic blocker. mp = 134-135°; $[\alpha]_{\text{D}}^{25}$ = 195° (DMSO). *Santen*.

1470 Sotalol

3930-20-9 8876

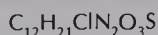
$\text{C}_{12}\text{H}_{20}\text{N}_2\text{O}_3\text{S}$

4'-[1-Hydroxy-2-(isopropylamino)ethyl]-methanesulfonanilide.

Antianginal, class II and III antiarrhythmic agent. A β -adrenergic blocker. $\lambda_m = 242.2, 275.2$ nm (CHCl_3). *Bristol-Myers Squibb Co.; Berlex Labs., Inc.*

1471 Sotalol Hydrochloride

959-24-0 8876 213-496-0



4'-[1-Hydroxy-2-(isopropylamino)ethyl]-methanesulfonanilide monohydrochloride.

Betapace; MJ-1999; Beta-Cardone; Darob; Sotacor; Sotalex. Antianginal, class II and III antiarrhythmic agent. A β -adrenergic blocker. mp = 206.5-207°, 218-219°; soluble in H_2O , less soluble in CHCl_3 ; LD₅₀ (mmus orl) = 2600 mg/kg, (mmus ip) = 670 mg/kg, (mrat orl) = 3450 mg/kg, (mrat ip) = 680 mg/kg, (rbt orl) = 1000 mg/kg, (dog ip) = 330 mg/kg. *Bristol-Myers Squibb Co.; Berlex Labs., Inc.*

1472 Terodiline

15793-40-5 9311

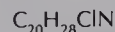


N-tert-Butyl-1-methyl-3,3-diphenylpropylamine.

Coronary vasodilator used as an antianginal agent. bp₁ = 130-132°. *Marion Merrell Dow Inc.*

1473 Terodiline Hydrochloride

7082-21-5 9311

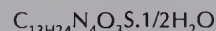


N-tert-Butyl-1-methyl-3,3-diphenylpropylamine hydrochloride.

Bicor; Mictrol; Micturin; Micturol. Coronary vasodilator used as an antianginal agent. mp = 178-180°; soluble in EtOH, slightly soluble in Et₂O. *Marion Merrell Dow Inc.*

1474 Timolol

91524-16-2 9585



(S)-1-(tert-Butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]-2-propanol hemihydrate.

Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. [(±) form]: mp = 71.5-72.5°. *Merck & Co., Inc.*

1475 Timolol Maleate

26921-17-5 9585 248-111-5

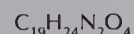


(S)-1-(tert-Butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]-2-propanol maleate (1:1).

Blocadren; Timoptic; Timoptol; MK-950; Aquanil; Betim; Proflax; Temserin; Tenopt; Timacar; Timacor; component of: Cosopt, Timolide. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 201.5-202.5°; $[\alpha]_{405}^{24} = -12.0^\circ$ (c = 5 1N HCl), $[\alpha]_{\text{D}}^{25} = -4.2^\circ$; $\lambda_m = 294$ nm (A_{1 cm}^{1%} 200 0.1N HCl); soluble in EtOH, MeOH; poorly soluble in CHCl_3 , cyclohexane; insoluble in isoctane, Et₂O. *Merck & Co., Inc.*

1476 Tolamolol

38103-61-6 253-783-8

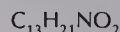


4-[2-[[2-Hydroxy-3-(2-methylphenoxy)propyl]-amino]ethoxy]benzamide.

Vasodilator (coronary); cardiac depressant (antiarrhythmic); antiadrenergic (β -receptor). *Pfizer International.*

1477 Toliprolol

2933-94-0 9653 220-905-6

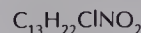


1-(Isopropylamino)-3-(m-tolyloxy)-2-propanol.

ICI-45763; MHIP. Antianginal, antihypertensive agent. A β -adrenergic blocker. mp = 75-76°, 79°. *ICI; Boehringer Ingelheim GmbH.*

1478 Toliprolol Hydrochloride

306-11-6 9653 206-177-2

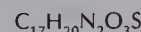


1-(Isopropylamino)-3-(m-tolyloxy)-2-propanol hydrochloride.

Ko-592; Doberol; Sinorytmal. Antianginal, antihypertensive agent. A β -adrenergic blocker. mp = 120-121°; $\lambda_m = 270$ nm (E_{1 cm}^{1%} 498 H_2O). *ICI; Boehringer Ingelheim GmbH.*

1479 Tosifen

32295-18-4 250-983-7

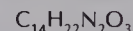


(S)-1-(α -Methylphenethyl)-3-(p-tolylsulfonyl)urea.

Sch-11973. Antianginal agent. *Schering AG.*

1480 Trimetazidine

5011-34-7 9835 225-690-2



1-(2,3,4-Trimethoxybenzyl)piperazine.

40045. Antianginal agent. bp_{2.0} - 200-205°. *Sci. Union et Cie, France.*

1481 Trimetazidine Dihydrochloride

13171-25-0 9835 236-117-0

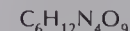


1-(2,3,4-Trimethoxybenzyl)piperazine dihydrochloride.

Kyurinett; Vastarel F; Yoshimilon. Antianginal agent. mp = 225-228°; LD₅₀ (mmus iv) = 91 mg/kg, (mmus ip) = 264 mg/kg, (mmus orl) = 528 mg/kg, (fms iv) = 107 mg/kg, (fms ip) = 245 mg/kg, (fms orl) = 608 mg/kg, (mrat iv) = 124 mg/kg, (mrat ip) = 327 mg/kg, (mrat orl) = 1147 mg/kg, (frat iv) = 124 mg/kg, (frat ip) = 288 mg/kg, (frat orl) = 987 mg/kg. *Sci. Union et Cie, France.*

1482 Trolnitrate

7077-34-1 9900 230-376-3



2,2',2''-Nitrilotrisethanol trinitrate (ester).

Antianginal agent. *Schering Corp.; Bristol-Myers Squibb Co.*

1483 Trolnitrate Phosphate

588-42-1 9900 209-617-1



2,2',2''-Nitrilotrisethanol trinitrate (ester) phosphate (1:2) (salt).

Angitrit; Bentonyl; Duronitrit; Metamine; Nitretamin; Nitroduran; Ortin; Praenitron; Vasomed. Antianginal agent. mp = 107-109°. *Schering Corp.; Bristol-Myers Squibb Co.*

1484 Verapamil

52-53-9 10083 200-145-1
 $C_{27}H_{38}N_2O_4$
 5-[(3,4-Dimethoxyphenethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-isopropylvaleronitrile.
 D-365; CP-16533-1; iproveratril. Antianginal and Class IV antiarrhythmic agent. Coronary vasodilator with calcium channel blocking activity. $bp_{0.001} = 243-246^\circ$; insoluble in H_2O ; slightly soluble in C_6H_6 , C_6H_{16} , Et_2O ; soluble in EtOH, MeOH, Me_2CO , EtOAc, $CHCl_3$. *Bristol-Myers Squibb Co.*

1485 Verapamil Hydrochloride

152-11-4 10083 205-800-5
 $C_{27}H_{39}ClN_2O_4$
 5-[(3,4-Dimethoxyphenethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-isopropylvaleronitrile hydrochloride. Calan; isoptin; Verelan. Antianginal and Class IV antiarrhythmic agent. Coronary vasodilator with calcium channel blocking activity. $mp = 138.5-140.5^\circ$; soluble in H_2O (7 g/100 g, 83 mg/ml), EtOH (26 mg/ml), propylene glycol (93 mg/ml), MeOH (> 100 mg/ml), iPrOH (4.6 mg/ml), EtOAc (1.0 mg/ml), DMF (> 100 mg/ml), CH_2Cl_2 (> 100 mg/ml), C_6H_{14} (0.001 mg/ml); LD_{50} (rat iv) = 16 mg/kg, (mus iv) = 8 mg/kg. *Searle, G.D., & Co.; Knoll Pharmaceutical Co.; Parke-Davis; Lederle Labs.*

1486 Xemilofiban

149820-74-6
 $C_{18}H_{22}N_4O_4$
 Ethyl (3S)-3-[3-[(p-amidinophenyl)carbamoyl]-propionamido]-4-pentynoate.
 Used in treatment of unstable angina. Prevents post-recanalization reocclusion of coronary vessels. *Searle, G.D., & Co.*

1487 Xemilofiban Hydrochloride

156586-91-3
 $C_{18}H_{23}ClN_4O_4$
 Ethyl (3S)-3-[3-[(p-amidinophenyl)carbamoyl]-propionamido]-4-pentynoate hydrochloride.
 SC-54684A. Used in treatment of unstable angina. Prevents post-recanalization reocclusion of coronary vessels. *Searle, G.D., & Co.*

1488 Zatebradine

85175-67-3 10245
 $C_{26}H_{36}N_2O_5$
 3-[3-[(3,4-Dimethoxyphenethyl)methylamino]propyl]-1,3,4,5-tetrahydro-7,8-dimethoxy-2H-3-benzazepin-2-one.
 Antianginal agent. Specific bradycardic agent; sinus node inhibitor. *Boehringer Ingelheim GmbH.*

1489 Zatebradine Hydrochloride

91940-87-3 10245
 $C_{26}H_{37}ClN_2O_5$
 3-[3-[(3,4-Dimethoxyphenethyl)methylamino]propyl]-1,3,4,5-tetrahydro-7,8-dimethoxy-2H-3-benzazepin-2-one hydrochloride.
 UL-FS-49. Antianginal agent. Specific bradycardic agent; sinus node inhibitor. $mp = 168^\circ$ or 188° ; soluble in H_2O . *Boehringer Ingelheim GmbH.*

Antiarrhythmics**1490 Abanoquil**

90402-40-7
 $C_{22}H_{25}N_3O_4$
 4-Amino-2-(3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolyl)-6,7-dimethoxy quinoline.
 An alpha-adrenergic blocker and antiarrhythmic.

1491 Acebutolol

37517-30-9 16 253-539-0
 $C_{18}H_{28}N_2O_4$
 ($\pm$)-3'-Acetyl-4'-[2-hydroxy-3-(1-methyl-ethylamino)propoxy]butyranilide.
 Monitan; Sectral; Prent. Antianginal agent. Class II antiarrhythmic agent. Cardiosselective β -adrenergic blocking agent. Has antiarrhythmic and antihypertensive properties. $mp = 119-123^\circ$.

1492 Acebutolol Hydrochloride

34381-68-5 16 251-980-3
 $C_{18}H_{29}ClN_2O_4$
 ($\pm$)-3'-Acetyl-4'-[2-hydroxy-3-(1-methyl-ethylamino)propoxy]butyranilide hydrochloride.
 IL-17803A; M&B-17803A; Acetanor; Neptall; Sectral. Antianginal agent. Class II antiarrhythmic agent. Cardiosselective β -adrenergic blocking agent. Has antiarrhythmic and antihypertensive properties. $mp = 141-143^\circ$; soluble in H_2O (2 g/100 ml), EtOH (7.0 g/100 ml).

1493 Acecainide

32795-44-1 17
 $C_{15}H_{23}N_3O_2$
 4'-[[2-(Diethylamino)ethyl]carbamoyl]acetanilide.
 N-acetylprocainamide. Antiarrhythmic. Cardiac depressant. *Bristol-Myers Squibb Co.*

1494 Acecainide Hydrochloride

34118-92-8 17 251-831-2
 $C_{15}H_{24}ClN_3O_2$
 4'-[[2-(Diethylamino)ethyl]carbamoyl]acetanilide monohydrochloride.
 ASL-601; NAPA. Antiarrhythmic. Cardiac depressant. $mp = 190-193^\circ$. *Bristol-Myers Squibb Co.; C.M. Industries.*

1495 Actisomide

96914-39-5
 $C_{23}H_{35}N_3O$
 ($\pm$)-cis-4-[2-(Diisopropylamino)ethyl]-4,4a,5,6,7,8-hexahydro-1-methyl-4-phenyl-3H-pyrido[1,2-c]-pyrimidin-3-one.
 SC-36602. Antiarrhythmic. Cardiac depressant. *Searle, G.D., & Co.*

1496 Adenosine

58-61-7 152 200-389-9
 $C_{10}H_{13}N_5O_4$
 9- β -D-Ribofuranosyl-9H-purin-6-amine.
 adenine riboside; Adenocard; Adenocor; Adenoscan. Antiarrhythmic. $mp = 234-235^\circ$; $[\alpha]_D^{11} = -61.7^\circ$ ($c = 0.706$ H_2O); $\lambda_m = 260$ nm (ϵ 15100); insoluble in EtOH.

1497 Ajmaline

4360-12-7 194 224-439-4
 $C_{20}H_{26}N_2O_2$
 Ajmalan-17,20-diol.
 rauwolfine; Gilurymal; Cardiorhythmine; Ritmos;
 Tachmalin. Antiarrhythmic agent with antihypertensive
 properties. [MeOH solvate]: mp = 158-160°; $[\alpha]_D^{18} = 131^\circ$
 (c = 0.4 CHCl₃); [anhydrous form]: mp = 205-207°; $[\alpha]_D^{20} =$
 144° (c = 0.8 CHCl₃); $\lambda_m = 247, 295 \text{ nm}$ (log ϵ 3.94, 3.49
 EtOH); soluble in EtOH, MeOH, Et₂O, CHCl₃; poorly
 soluble in H₂O.

1498 Alinidine

33178-86-8 244
 $C_{12}H_{13}Cl_2N_3$
 2-(N-Allyl-2,6-dichloroanilino)-2-imidazoline.
 ST-567. Antiarrhythmic. mp = 127-129°, 130-131°;
 [hydrobromide ($C_{12}H_{14}BrCl_2N_3$)]: mp = 193-194°.
Boehringer Ingelheim Pharmaceuticals, Inc.

1499 Almokalant

123955-10-2
 $C_{18}H_{28}N_2O_3S$
 (±)-p-[3-[Ethyl[3-(propylsulfinyl)propyl]amino]-2-
 hydroxypropoxy]benzonitrile.
 A class III antiarrhythmic drug.

1500 Alprafenone

124316-02-5
 $C_{25}H_{35}NO_4$
 (±)-3-[3-[2-Hydroxy-3-(tert-pentylamino)propoxy]-4-
 methoxyphenyl]-4'-methylpropiofenone.
 A new class I antiarrhythmic agent.

1501 Alprenolol

13655-52-2 321 237-140-9
 $C_{15}H_{23}NO_2$
 1-(o-Allylphenoxy)-3-(isopropylamino)-2-propanol.
 H-56/28. Antianginal agent. antiarrhythmic agent.
 Cardioslective β -adrenergic blocking agent. Has
 antiarrhythmic and antihypertensive properties. *ICI*.

1502 Alprenolol Hydrochloride

13707-88-5 321 237-244-4
 $C_{15}H_{24}ClNO_2$
 1-(o-Allylphenoxy)-3-(isopropylamino)-2-propanol
 hydrochloride.
 Applobal; Aprobal; Aptine; Aptol Duriles; Gubernat;
 Regletin; Yobir. Antianginal agent. Class II antiarrhythmic
 agent. Cardioslective β -adrenergic blocking agent. Has
 antiarrhythmic and antihypertensive properties. mp =
 107-109°; LD₅₀ (mus orl) = 278.0 mg/kg, (rat orl) = 597.0
 mg/kg, (rbt orl) = 337.3 mg/kg. *ICI*.

1503 Amafolone

50588-47-1
 $C_{19}H_{31}NO_2$
 3 α -Amino-2 β -hydroxy-5 α -androstane-17-one.
 SC-35135. A new aminosteroidal antiarrhythmic agent.

1504 Ambasilide

83991-25-7
 $C_{21}H_{25}N_3O$
 3-(p-Aminobenzoyl)-7-benzyl-3,7-

diazabicyclo[3.3.1]nonane.
 A new class III antiarrhythmic.

1505 Amiodarone

1951-25-3 504 217-772-1
 $C_{25}H_{29}I_2NO_3$
 2-Butyl-3-benzofuranyl 4-[2-(diethylamino)ethoxy]-3,5-
 diiodophenyl ketone.
 Cordarone; L-3428; SKF-33134-A. Antianginal and Class
 III antiarrhythmic. Blocks both α - and β -receptors.
 Ventricular antiarrhythmic agent. *Wyeth-Ayerst Labs.*

1506 Amiodarone Hydrochloride

19774-82-4 504 243-293-2
 $C_{25}H_{30}ClI_2NO_3$
 2-Butyl-3-benzofuranyl 4-[2-(diethylamino)ethoxy]-3,5-
 diiodophenyl ketone hydrochloride.
 L-3428; Amiodar; Ancoron; Angiodarona; Atlansil;
 Cordarex; Cordarone; Cordarone X; Miocard; Miodaron;
 Ortacrone; Ritmocardyl; Rythmarone; Trangorex.
 Antianginal and Class III antiarrhythmic. Blocks both α -
 and β -receptors. Ventricular antiarrhythmic agent. mp =
 156°, 159 ± 2°; $\lambda_m = 208, 242 \text{ nm}$ ($E_{1\text{cm}}^{1\%}$ 662 ± 8, 623 ±
 10 MeOH); soluble in EtOH (1.28 g/100 ml), MeOH
 (9.98 g/100 ml), CHCl₃ (44.51 g/100 ml), n-PrOH (0.13
 g/100 ml), Et₂O (0.17 g/100 ml), THF (0.60 g/100 ml),
 C₆H₆ (0.65 g/100 ml), CH₂Cl₂ (19.20 g/100 ml), CH₃CN
 (0.32 g/100 ml), 1-octanol (0.30 g/100 ml), H₂O (0.07
 g/100 ml), C₆H₁₄ (0.03 g/100 ml), petroleum ether (0.001
 g/100 ml). *Wyeth-Ayerst Labs.*

1507 Amoprofan

22661-76-3 611
 $C_{22}H_{35}NO_7$
 3,4,5-Trimethoxybenzoic acid 1-[(isopentyloxy)methyl]-
 2-morpholino ethyl ester.
 Antiarrhythmic agent. *C.E.R.M.*

1508 Amoprofan Hydrochloride

22661-96-7 611
 $C_{22}H_{36}ClNO_7$
 3,4,5-Trimethoxybenzoic acid 1-[(isopentyloxy)methyl]-
 2-morpholino ethyl ester hydrochloride.
 CERM-730; Mederel. Antiarrhythmic agent. mp = 145°;
 soluble in H₂O, EtOH; slightly soluble in EtOAc. *C.E.R.M.*

1509 Anipamil

83200-10-6 280-213-5
 $C_{34}H_{52}N_2O_2$
 2-[3-[(m-Methoxyphenethyl)methylamino]propyl]-2-(m-
 methoxyphenyl)tetradecanenitrile.
 Antianginal and class IV antiarrhythmic agent. Analog of
 verapamil.

1510 Aprindine

37640-71-4 793
 $C_{22}H_{30}N_2$
 N-(2,3-Dihydro-1H-inden-2-yl)-N',N'-diethyl-N-phenyl-
 1,3-propanediamine.
 compd 99170; AC-1802; Lilly 99170. Class I
 antiarrhythmic agent. *Eli Lilly & Co.; Christiaens S.A.*

1511 Aprindine Hydrochloride

33237-74-0 793 251-418-7
 $C_{22}H_{31}ClN_2$

N-(2,3-Dihydro-1H-inden-2-yl)-N',N'-diethyl-N-phenyl-1,3-propanediamine hydrochloride.
compd 83846; Amidonal; Aspenon; Fibocil; Fiboran; Ritmusin. Class I antiarrhythmic agent. mp = 120-121°. *Eli Lilly & Co.; Christiaens S.A.*

1512 Arotinolol

68377-92-4 827

$C_{15}H_{21}N_3O_2S_3$
(±)-5-[2-[[3-(tert-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide.
Antianginal agent. Also antihypertensive and antiarrhythmic. Possesses both α- and β-adrenergic blocking activity. mp = 148-149°. *Sumitomo.*

1513 Arotinolol Hydrochloride

68377-91-3 827

$C_{15}H_{22}ClN_3O_2S_3$
(±)-5-[2-[[3-(tert-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide.
S-596; ARL; Almarl. Antianginal agent. Also antihypertensive and antiarrhythmic. Possesses both α- and β-adrenergic blocking activity. mp = 234-235.5°; LD₅₀ (mus iv) = 86 mg/kg, (mus ip) = 360 mg/kg, (mus orl) > 5000 mg/kg. *Sumitomo.*

1514 Artilide

133267-19-3

$C_{19}H_{34}N_2O_3S$
(+)-4'-[(R)-4-(Dibutylamino)-1-hydroxybutyl]methanesulfonanilide.
antiarrhythmic. Cardiac depressant. *Pharmacia & Upjohn, Inc.*

1515 Artilide Fumarate

133267-20-6

$C_{42}H_{72}N_4O_{10}S_2$
(+)-4'-[(R)-4-(Dibutylamino)-1-hydroxybutyl]-methanesulfonanilide fumarate.
U-88943E. antiarrhythmic. Cardiac depressant. *Pharmacia & Upjohn, Inc.*

1516 Asocainol

77400-65-8

$C_{27}H_{31}NO_3$
(±)-6,7,8,9-Tetrahydro-2,12-dimethoxy-7-methyl-6-phenethyl-5H-dibenz[d,f]azonin-1-ol.
An antiarrhythmic agent.

1517 Atenolol

29122-68-7 892 249-451-7

$C_{14}H_{22}N_2O_3$
2-[p-[2-Hydroxy-3-(isopropylamino)propoxy]phenyl]acetamide.
ICI-66082; AteHexal; Atenol; Cuxanorm; Ibinolo; Myocord; Prenormine; Seles Beta; Selobloc; Teno-basan; Tenoblock; Tenormin; Uniloc. Antianginal and antiarrhythmic agent. Cardioselective β-adrenergic blocking agent. Has antiarrhythmic and antihypertensive properties. mp = 146-148°, 150-152°; λ_m = 225, 275, 283 nm (MeOH); very soluble in MeOH; soluble in AcOH, DMSO; less soluble in Me₂CO, dioxane; insoluble in CH₃CN, EtOAc, CHCl₃; LD₅₀ (mus orl) = 2000 mg/kg, (mus iv) = 98.7 mg/kg, (rat orl) = 3000 mg/kg, (rat iv) = 59.24 mg/kg. *ICI; Apoteco; Lemmon Co.; Zeneca*

Pharmaceuticals.

1518 Azimilide

149908-53-2 943

$C_{23}H_{28}ClN_5O_3$
1-[[5-(p-Chlorophenyl)furfurylidene]amino]-3-[4-(4-methyl-1-piperazinyl)butyl]hydantoin.
Class III antiarrhythmic agent. Potassium channel blocker. *Procter & Gamble Pharmaceuticals, Inc.*

1519 Azimilide Dihydrochloride

149888-94-8 943

$C_{23}H_{30}Cl_2N_5O_3$
1-[[5-(p-Chlorophenyl)furfurylidene]amino]-3-[4-(4-methyl-1-piperazinyl)butyl]hydantoin dihydrochloride.
NE-10064. Class III antiarrhythmic agent. Potassium channel blocker. *Procter & Gamble Pharmaceuticals, Inc.*

1520 Barucainide

79784-22-8

$C_{22}H_{30}N_2O_2$
4-Benzyl-1,3-dihydro-7-[4-isopropylamino)butoxy]-6-methylfuro[3,4-c]pyridine.
A class IB antiarrhythmic agent.

1521 Berlafenone

18965-97-4

$C_{19}H_{25}NO_2$
(±)-1-(2-Biphenyloxy)-3-(tert-butylamino)-2-propanol.
A class I antiarrhythmic agent.

1522 Bertosamil

126825-36-3

$C_{19}H_{36}N_2$
3'-Isobutyl-7'-isopropylspiro[cyclohexane-1,9']-[3,7]diazabicyclo[3.3.1]nonane.
An antiarrhythmic agent.

1523 Bevantolol

59170-23-9 1238

$C_{20}H_{27}NO_4$
(±)-1-[(3,4-Dimethoxyphenethyl)amino]-3-(m-toloxyl)-2-propanol.
Antianginal agent. Cardioselective β-adrenergic blocking agent. Has antiarrhythmic and antihypertensive properties. *Parke-Davis.*

1524 Bevantolol Hydrochloride

42864-78-8 1238

$C_{20}H_{28}ClNO_4$
(±)-1-[(3,4-Dimethoxyphenethyl)amino]-3-(m-toloxyl)-2-propanol hydrochloride.
Vantol; Cl-775; Ranestol; Sentiloc. Antianginal agent. Cardioselective β-adrenergic blocking agent. Has antiarrhythmic and antihypertensive properties. mp = 137-138°. *Parke-Davis.*

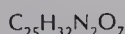
1525 Bidisomide

103810-45-3 1251

$C_{22}H_{34}ClN_3O_2$
(±)-α-(o-Chlorophenyl)-α-[2-(N-isopropylacetamido)-ethyl]-1-piperidinebutyramide.
SC-40230. Class I antiarrhythmic agent. Sodium channel blocker. mp = 140-141°. *Searle, G.D., & Co.*

1526 Bometolol

65008-93-7



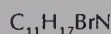
(±)-8-(Acetonyloxy)-5-[3-[(3,4-dimethoxyphenethyl)-amino]-2-hydroxypropoxy]-3,4-dihydrocarbostyryl.

A calcium channel blocker with antiarrhythmic properties.

1527 Bretylium

59-41-6

1395



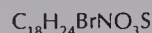
(o-Bromobenzyl)ethyltrimethylammonium.

Adrenergic, class III antiarrhythmic agent. *Burroughs Wellcome; Elkins-Sinn; Astra Chemicals Ltd.***1528 Bretylium Tosylate**

61-75-6

1395

200-516-8



(o-Bromobenzyl)ethyltrimethylammonium p-toluenesulfonate.

Bretyle; Bretylan; Bretylol; Darenthin; Ornid; ASL-603. Adrenergic, class III antiarrhythmic agent. A proprietary preparation of bretylium tosylate; an antiadrenergic and antiarrhythmic used in the treatment of cardiac arrhythmias. mp = 97-99°; λ_m = 278, 271, 264 nm; soluble in H₂O, organic solvents; LD₅₀ (mus orl) = 400 mg/kg, (mus im) = 250 mg/kg. *Burroughs Wellcome; Elkins-Sinn; Astra Chemicals Ltd.***1529 Brinazarone**

89622-90-2



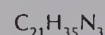
p-[3-(tert-Butylamino)propoxy]phenyl

2-isopropyl-3-indoliziny ketone.

A calcium channel blocker and potential antiarrhythmic agent.

1530 Bucainide

51481-62-0



1-Hexyl-4-(N-isobutylbenzimidoyl)piperazine.

Cardiac depressant and antiarrhythmic agent.

1531 Bucainide Maleate

51481-63-1



1-Hexyl-4-(N-isobutylbenzimidoyl)piperazine maleate.

Cardiac depressant and antiarrhythmic agent.

1532 Bucromarone

78371-66-1

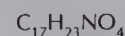


2-[4-[3-(Dibutylamino)propoxy]-3,5-dimethylbenzoyl]chromone.

Cardiac depressant and antiarrhythmic agent. *Bristol-Myers Squibb Co.***1533 Bucumolol**

58409-59-9

1489

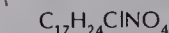


8-[(3-tert-Butylamino)-2-hydroxypropoxy]-5-methylcoumarin.

Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties. *Sankyo.***1534 Bucumolol Hydrochloride**

30073-40-6

1489

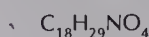


8-[(3-tert-Butylamino)-2-hydroxypropoxy]-5-methylcoumarin hydrochloride.

CS-359; Bucumolol. Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties.mp = 226-228°; LD₅₀ (mmus orl) = 676 mg/kg, (mmus iv) = 33.1 mg/kg, (fmus orl) = 692 mg/kg, (fmus iv) = 31.6 mg/kg. *Sankyo.***1535 Bufetolol**

53684-49-4

1496



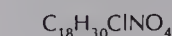
1-(tert-Butylamino)-3-[o-[(tetrahydrofurfuryl)oxy]-phenoxy]-2-propanol.

Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties. bp_{0.07} = 180-186°. *Yoshitomi.***1536 Bufetolol Hydrochloride**

35108-88-4

1496

252-369-4



1-(tert-Butylamino)-3-[o-[(tetrahydrofurfuryl)oxy]-phenoxy]-2-propanol hydrochloride.

Y-6124; Adobiol. Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties. mp = 153.5-157°, 151-154°; soluble in H₂O, MeOH, AcOH; slightly soluble in C₆H₆; insoluble in Et₂O; LD₅₀ (mus orl) = 409 mg/kg, (mus sc) = 507 mg/kg, (rat orl) = 1142 mg/kg, (rat sc) = 1904 mg/kg. *Yoshitomi.***1537 Bunaftine**

32421-46-8

1509

251-027-1

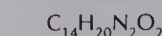


N-Butyl-N-[2-(diethylamino)ethyl]-1-naphthamide.

bunaphtide; bunaphtine; Meregol [as citrate]. Class III antiarrhythmic agent. bp_{0.1} = 178°; LD₅₀ (mus ip) = 122°.**1538 Bunitrolol**

34915-68-9

1514



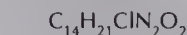
o-[3-(tert-Butylamino)-2-hydroxypropoxy]benzonitrile.

Ko-1366. Antianginal agent with antiarrhythmic and antihypertensive properties. A β -adrenergic blocker. *Boehringer Ingelheim GmbH.***1539 Bunitrolol Hydrochloride**

23093-74-5

1514

245-427-5

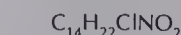


o-[3-(tert-Butylamino)-2-hydroxypropoxy]benzonitrile hydrochloride.

Betriol; Stresson. Antianginal agent with antiarrhythmic and antihypertensive properties. A β -adrenergic blocker. mp = 163-165°; LD₅₀ (mus orl) = 1344-1440 mg/kg, (mus ip) = 264-265 mg/kg, (rat orl) = 639-649 mg/kg, (rat ip) = 222-225 mg/kg. *Boehringer Ingelheim GmbH.***1540 Bupranolol**

14556-46-8

1521

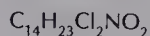


1-(tert-Butylamino)-3-[(6-chloro-m-tolyl)-oxy]-2-propanol. bupranolol; Ophorenin. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma

properties. A β -adrenergic blocker.

1541 Bupranolol Hydrochloride

15148-80-8 1521 239-208-3

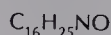


1-(tert-Butylamino)-3-[(6-chloro-m-tolyl)-oxy]-2-propanol hydrochloride.

B-1312; KL-255; Betadran; Betadrenol; Looser; Panimit. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 220-222°.

1542 Butidrine

55837-18-8 1558 259-849-2

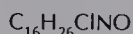


5,6,7,8-Tetrahydro- α -[[[(1-isopropyl)amino]methyl]-2-naphthalenemethanol.

Antiarrhythmic agent. *Holding Ceresia*.

1543 Butidrine Hydrochloride

1506-12-3 1558



5,6,7,8-Tetrahydro- α -[[[(1-isopropyl)amino]methyl]-2-naphthalenemethanol hydrochloride.

butidrine hydrochloride; Betabloc; Recetan.

Antiarrhythmic agent. mp = 129-130°; LD₅₀ (mus iv) = 20.2 mg/kg, (mus orl) = 235 mg/kg. *Holding Ceresia*.

1544 Butobendine

55769-65-8 1560

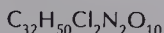


(+)-(S,S)-Ethylenebis[(methylimino)(2-ethylethylene)]bis(3,4,5-trimethoxybenzoate).

Antiarrhythmic. Increases cardiac blood flow. mp = 60-62°, 64-65°; $[\alpha]_D^{20}$ = 2.4° (c = 5 EtOH). *Polfa*.

1545 Butobendine Dihydrochloride

55769-64-7 1560

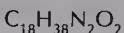


(+)-(S,S)-Ethylenebis[(methylimino)(2-ethylethylene)]bis(3,4,5-trimethoxybenzoate) dihydrochloride.

M-71; Craviten. Antiarrhythmic. Increases cardiac blood flow. mp = 83-113°, 81-83°; $[\alpha]_D^{20}$ = -6.4° (c = 2.5 EtOH), -7.5° (c = 5 H₂O), -5.5° (c = 5 C₅H₅N); soluble in H₂O, CHCl₃, EtOH; slightly soluble in MeOH; insoluble in C₆H₆, Et₂O, CCl₄; LD₅₀ (rat ip) = 142 mg/kg, (rat iv) = 15.8 mg/kg, (mus ip) = 550 mg/kg, (rbt iv) = 5.1 mg/kg. *Polfa*.

1546 Butoprozine

62228-20-0



p-[3-(Dibutylamino)propoxy]phenyl 2-ethyl-3-indoliziny ketone.

Antiarrhythmic and antianginal agent. *Labaz S.A.*

1547 Butoprozine Hydrochloride

62134-34-3 263-427-3

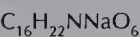


p-[3-(Dibutylamino)propoxy]phenyl 2-ethyl-3-indoliziny ketone monohydrochloride.

L-9394. Antiarrhythmic and antianginal agent. *Labaz S.A.*

1548 Capobenate Sodium

27276-25-1 1799 248-381-4

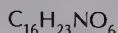


Sodium 6-(3,4,5-trimethoxybenzamido)hexanoate.

C-3; sodium capobenate; Capben. Cardiac depressant and antiarrhythmic agent. *Inst. Chemioter.*

1549 Capobenic Acid

21434-91-3 1799 244-387-6

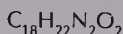


6-(3,4,5-Trimethoxybenzamido)hexanoic acid.

C-3; ATBAC; TB-ACA. Cardiac depressant and antiarrhythmic agent. mp = 121-123°; λ_m = 214, 259 nm (EtOH); soluble in EtOH, Me₂CO, CHCl₃, alkaline solutions; insoluble in H₂O, Et₂O, Cl₄; LD₅₀ (rat ip) = 2500 mg/kg. *Inst. Chemioter.*

1550 Carazolol

57775-29-8 1822 260-945-1

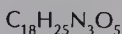


1-(Carbazol-4-yloxy)-3-isopropylamino-2-propanol.

BM-51052; Conducton; Suacron. Antianginal agent with antiarrhythmic and antihypertensive properties. A β -adrenergic blocker. [hydrochloride]: mp = 234-235°. *Boehringer Mannheim GmbH*.

1551 Carocainide

66203-00-7 266-233-7

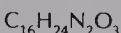


1-[4,7-Dimethoxy-6-[2-(1-pyrrolidinyl)ethoxy]-5-benzofuranyl]-3-methylurea.

An antiarrhythmic agent.

1552 Carteolol

51781-06-7 1917



5-[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone.

Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. *Abbott Labs*.

1553 Carteolol Hydrochloride

51781-21-6 1917 257-415-7



5-[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone hydrochloride.

Carteolol hydrochloride, Abbott 43326; OPC-1085; Arteoptic; Caltidren; Carteol; Cartrol; Endak; Mikelan; Optipress; Tenalet; Tenalin; Teoptic. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 278°; LD₅₀ (mrat orl) = 1380 mg/kg (mrat iv) = 158 mg/kg, (mrat ip) = 380 mg/kg, (mmus orl) = 810 mg/kg, (mmus iv) = 54.5 mg/kg, (mmus ip) = 380 mg/kg. *Abbott Labs*.

1554 Cifenline

53267-01-9 2330 258-453-7

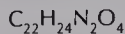


($\pm$)-2-(2,2-Diphenylcyclopropyl)-4,5-dihydro-1H-imidazole.

Cibenzoline; ($\pm$)-2-(2,2-diphenylcyclopropyl)-2-imidazoline; 1-(2- Δ^2 -imidazoliny)-2,2-diphenylcyclopropane; cibenzoline; Ro-22-7796; UP-33-901. Antiarrhythmic agent. mp = 103-104°; LD₁₀₀ (rat iv) = 64 mg/kg. *Hexachemie; Hoffmann-LaRoche Inc.*

1555 Cifenline Succinate

100678-32-8 2330



(±)-2-(2,2-Diphenylcyclopropyl)-4,5-dihydro-1H-imidazole succinate.

Ro-22-7796/001; Cibenol; Cipralan; Exacor. Antiarrhythmic agent. mp = 165°. *Hexachemie; Hoffmann-LaRoche Inc.***1556 Clofilium Phosphate**

68379-03-3



[4-(p-Chlorophenyl)butyl]diethylheptylammonium phosphate.

LY-150378. Antiarrhythmic agent and cardiac depressant. *Eli Lilly & Co.***1557 Cloranolol**

39563-28-5 2464



1-(tert-Butylamino)-3-(2,5-dichlorophenoxy)-2-propanol.

A β-adrenergic blocker used as an antiarrhythmic agent. mp = 82-83°. *Res. Inst. Pharm. Chem.***1558 Cloranolol Hydrochloride**

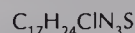
54247-25-5 2464 259-044-6



1-(tert-Butylamino)-3-(2,5-dichlorophenoxy)-2-propanol hydrochloride.

GYKI-40199; Tobanum. A β-adrenergic blocker used as an antiarrhythmic agent. mp = 210-212°. *Res. Inst. Pharm. Chem.***1559 Dazolicine**

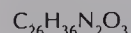
61477-97-2



8-Chloro-3,4,5,6-tetrahydro-6-[(1-isopropyl-2-imidazolin-2-yl)methyl]-2H-1,6-benzothiazine. antiarrhythmic.

1560 Devapamil

92302-55-1

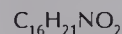


2-(3,4-Dimethoxyphenyl)-2-isopropyl-5-[(m-methoxyphenethyl)methylamino]valeronitrile.

Antianginal, antiarrhythmic.

1561 Dexpropranolol

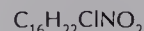
5051-22-9 225-749-2



(±)-1-(Isopropylamino)-3-(1-naphthoxy)-2-propanol.

A β-adrenergic blocker used as an antiarrhythmic agent. *ICI; Wyeth-Ayerst Labs.***1562 Dexpropranolol Hydrochloride**

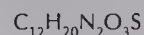
13071-11-9 235-961-7



(±)-1-(Isopropylamino)-3-(1-naphthoxy)-2-propanol hydrochloride.

AY-20,694; ICI-47319. A β-adrenergic blocker used as an antiarrhythmic agent. *ICI; Wyeth-Ayerst Labs.***1563 Dexsotalol**

30236-32-9

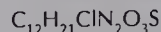


(±)-(S)-4'-[1-hydroxy-2-(isopropylamino)ethyl]-

methanesulfonanilide.

Antiarrhythmic agent and cardiac depressant. *Bristol-Myers Squibb Co.***1564 Dexsotalol Hydrochloride**

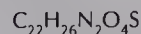
4549-94-4



(±)-(S)-4'-[1-Hydroxy-2-(isopropylamino)ethyl]-methanesulfonanilide monohydrochloride.

BMV-05763-1-D. Antiarrhythmic agent and cardiac depressant. *Bristol-Myers Squibb Co.***1565 Diltiazem**

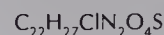
42399-41-7 3247 255-796-4



(±)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester).

Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. *Bristol Myers Squibb Pharmaceuticals Ltd.; Hoechst Marion Roussel Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Lemmon Co.; Forest Pharmaceuticals Inc.***1566 Diltiazem Hydrochloride**

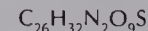
33286-22-5 3247 251-443-3



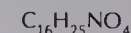
(±)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) monohydrochloride.

Cardizem; Dilacor XR; Tiazac; RG-83606. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. [d cis form]: mp = 207.5-212°; $[\alpha]_D^{24} = 98.3 \pm 1.4^\circ$ (c = 1.002 MeOH); soluble in H_2O , MeOH, $CHCl_3$; moderately soluble in EtOH; insoluble in C_6H_6 ; LD_{50} (mmus iv) = 61 mg/kg, (mmus sc) = 260 mg/kg, (mmus orl) = 740 mg/kg, (fmsus iv) = 58 mg/kg, (fmsus sc) = 280 mg/kg, (fmsus orl) = 640 mg/kg, (mrat iv) = 38 mg/kg, (mrat sc) = 520 mg/kg, (mrat orl) = 560 mg/kg, (frat iv) = 39 mg/kg, (frat sc) = 550 mg/kg, (frat orl) = 610 mg/kg. *Bristol Myers Squibb Pharmaceuticals Ltd.; Hoechst Marion Roussel Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Lemmon Co.; Forest Pharmaceuticals Inc.***1567 Diltiazem Malate**

144604-00-2 3247

(±)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) (S)-malate (1:1) monohydrochloride. MK-793. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. *Bristol Myers Squibb Pharmaceuticals Ltd.; Hoechst Marion Roussel Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Lemmon Co.; Forest Pharmaceuticals Inc.***1568 Dioxadilol**

80743-08-4



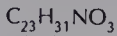
(±)-1-(1,4-Benzodioxan-2-ylmethoxy)-3-(tert-butylamino)-2-propanol.

Has beta adrenolytic activity; antihypertensive, antianginal and antiarrhythmic, but less potent than

propranolol.

1569 Diprafenone

81447-80-5



(±)-2'-[2-Hydroxy-3-(tert-pentylamino)propoxy]-3-phenylpropiophenone.
antiarrhythmic.

1570 Disobutamide

68284-69-5



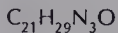
α-(o-Chlorophenyl)-α-[2-(diisopropylamino)ethyl]-1-piperidinebutyramide.
SC-31828. Antiarrhythmic agent and cardiac depressant.
Searle, G.D., & Co.

1571 Disopyramide

3737-09-5

3424

223-110-2



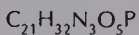
α-[2-(Diisopropylamino)ethyl]-α-phenyl-2-pyridineacetamide.
SC-7031; H-3292; Dicorantil; Isorythm; Lispine; Ritmodan; Rythmodan. Class Ia antiarrhythmic agent and cardiac depressant. mp = 94.5-95°; LD₅₀ (mus ip) = 175 mg/kg. *Searle, G.D., & Co.*

1572 Disopyramide Phosphate

22059-60-5

3424

244-756-1

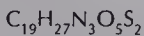


α-[2-(Diisopropylamino)ethyl]-α-phenyl-2-pyridineacetamide phosphate.
SC-13957; Norpace; Dirythmin SA; Diso-Duriles; Rythmodul. Class Ia antiarrhythmic agent and cardiac depressant. *KV Pharmaceutical; Searle, G.D., & Co.*

1573 Dofetilide

115256-11-6

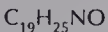
3469



β-[(p-Methanesulfonamidophenethyl)methylamino]methanesulfono-p-phenetidine.
UK-68798. Class III anti-arrhythmic agent. Potassium channel blocker. mp = 147-149°, 151-152°, 161°. *Pfizer Inc.*

1574 Drobuline

58473-73-7



(±)-1-(Isopropylamino)-4,4-diphenyl-2-butanol.
Compd. 122587. Antiarrhythmic agent and cardiac depressant. A β-adrenergic blocker. *Eli Lilly & Co.*

1575 Dronedarone

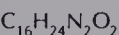
141626-36-0



N-[2-Butyl-3-[p-[3-[(dibutylamino)propoxy]benzoyl]-5-benzofuranyl]methanesulfonamide.
antiarrhythmic.

1576 Droxicainide

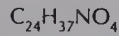
78421-12-2



(±)-1-(2-Hydroxyethyl)-2',6'-pipecoloxylidide.
antiarrhythmic.

1577 Edifolone

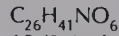
90733-40-7



10-(2-Aminoethyl)estr-5-ene-3,17-dione
cyclic bis(ethylene acetal).
Antiarrhythmic agent and cardiac depressant. *Searle, G.D., & Co.*

1578 Edifolone Acetate

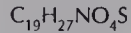
90733-42-9



10-(2-Aminoethyl)estr-5-ene-3,17-dione
cyclic bis(ethylene acetal) acetate.
SC-35135. Antiarrhythmic agent and cardiac depressant.
Searle, G.D., & Co.

1579 Emilium Tosylate

30716-01-9

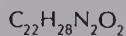


Ethyl (m-methoxybenzyl)dimethylammonium p-toluenesulfonate.
emilium tosylate. Antiarrhythmic agent and cardiac depressant.

1580 Encainide

37612-13-8

3609



(±)-4-Methoxy-N-[2-[2-(1-methyl-2-piperidinyl)ethyl]-phenyl]benzamide.
Class IC antiarrhythmic agent and cardiac depressant.
Bristol Labs.

1581 Encainide Hydrochloride

66794-74-9

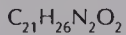
3609



(±)-4-Methoxy-N-[2-[2-(1-methyl-2-piperidinyl)ethyl]-phenyl]benzamide hydrochloride.
Enkade; Enkaid; Encainide hydrochloride; MJ-9067. Class IC antiarrhythmic agent and cardiac depressant. mp = 131.5-132.5°; freely soluble in H₂O, EtOH; insoluble in heptane; LD₅₀ (mus orl) = 86 mg/kg, (mus iv) = 16 mg/kg, (dog orl) = 43 mg/kg, (dog iv) = 17 mg/kg. *Bristol Labs.*

1582 Epicainide

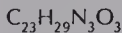
66304-03-8



N-[(1-Ethyl-2-pyrrolidinyl)methyl]benzylamide.
antiarrhythmic.

1583 Eproxindine

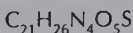
83200-08-2



(±)-N-[3-(Diethylamino)-2-hydroxypropyl]-3-methoxy-1-phenylindole-2-carboxamide.
antiarrhythmic.

1584 Ersentilide

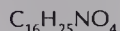
125279-79-0



4'-[(2S)-2-Hydroxy-3-[[2-(p-imidazol-1-ylphenoxy)ethyl]-amino]propoxy]methanesulfonanilide.
Antiarrhythmic.

1585 Esmolol

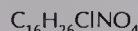
103598-03-4 3741



(±)-Methyl p-[2-hydroxy-3-(isopropylamino) propoxy]-hydrocinnamate.

Antiarrhythmic. A β -adrenergic blocker mp = 48-50°. *American Hospital Supply.***1586 Esmolol Hydrochloride**

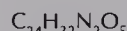
81161-17-3 3741



(±)-Methyl p-[2-hydroxy-3-(isopropylamino)propoxy]-hydrocinnamate hydrochloride.

ASL-8052; Brevibloc. Antiarrhythmic. A β -adrenergic blocker mp = 85-86°. *American Hospital Supply.***1587 Falipamil**

77862-92-1



2-[3-(3,4-Dimethoxyphenethyl)methylamino]propyl]-5,6-dimethoxyphthalimidine.

Calcium channel blocker used as an antiarrhythmic agent.

1588 Flecainide

54143-55-4 4136



N-(2-Piperidylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)-benzamide.

Class IC antiarrhythmic agent and cardiac depressant. λ_m = 205, 230, 300 nm ($E_{1\%}^{1\text{cm}}$ 521, 219, 59 EtOH). *3M Pharmaceuticals.***1589 Flecainide Acetate**

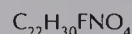
54143-56-5 4136 258-997-5



N-(2-Piperidylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)benzamide monoacetate.

Tambacor; R-818; Almarytm; Apocard; Ecrinal. Class IC antiarrhythmic agent and cardiac depressant. mp = 145-147°; soluble in H_2O (4.8 g/100 ml), EtOH (30.0 g/100 ml). *3M Pharmaceuticals.***1590 Flusoxolol**

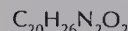
84057-96-5



(S)-1-[p-[2-[(p-Fluorophenethyl)oxy]ethoxy]phenoxy]-3-(isopropylamino)-2-propanol.

A selective β_1 -adrenoceptor agonist. Antihypertensive, antianalgesic and antiarrhythmic.**1591 Hydroquinidine**

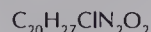
1435-55-8 4851 215-862-5



(9S)-10,11-Dihydro-6'-methoxycinchonan-9-ol.

hydroconchinine. Antiarrhythmic agent. mp = 169°; $[\alpha]_D^{20}$ = 231° (c = 2.02 EtOH), 299° (c = 0.82 0.1N HCl); soluble in EtOH; less soluble in H_2O , Et_2O . *Hoffmann-LaRoche Inc.***1592 Hydroquinidine Hydrochloride**

1476-98-8 4851 216-024-1



(9S)-10,11-Dihydro-6'-methoxycinchonan-9-ol hydrochloride.

Serecor. Antiarrhythmic agent. mp = 273-274°; $[\alpha]_D^{26}$ = 184° (c = 1.3); freely soluble in MeOH, $CHCl_3$; less soluble in H_2O ; insoluble in Me_2CO . *Hoffmann-LaRoche Inc.***1593 Ibutilide**

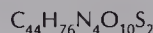
122647-31-8 4927



(±)-4'-[4-(Ethylheptylamino)-1-hydroxybutyl]-methanesulfonanilide.

Class III anti-arrhythmic agent. *Pharmacia & Upjohn, Inc.***1594 Ibutilide Fumarate**

122647-32-9 4927



(±)-4'-[4-(Ethylheptylamino)-1-hydroxybutyl]-methanesulfonanilide fumarate (2:1) (salt).

U-70226-E. Class III anti-arrhythmic agent. mp = 117-119°; λ_m = 228, 267 nm (ϵ 16670, 894 EtOH). *Pharmacia & Upjohn, Inc.***1595 Indecainide**

74517-78-5 4971



9-[3-(Isopropylamino)propyl]fluorene-9-carboxamide.

ricainide. Antiarrhythmic agent and cardiac depressant. mp = 94-95°. *Eli Lilly & Co.***1596 Indecainide Hydrochloride**

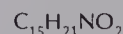
73681-12-6 4971



9-[3-(Isopropylamino)propyl]fluorene-9-carboxamide monohydrochloride.

Decabid; LY-135837. Antiarrhythmic agent and cardiac depressant. mp = 216.5-217°, 203-204°; LD₅₀ (mmus orl) = 100 mg/kg, (fmus orl) = 96 mg/kg, (mrat orl) = 103 mg/kg, (frat orl) = 82 mg/kg. *Eli Lilly & Co.***1597 Indenolol**

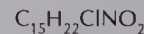
60607-68-3 4974 262-323-5



1-[Inden-4 (or -7)ylxy]-3-(isopropylamino)-2-propanol.

Sch-28316Z; YB-2. Antiarrhythmic, antihypertensive and antianalgesic agent. Non-selective β -adrenergic blocker. mp = 88-89°. *Yamanouchi U.S.A. Inc.; Schering Corp.***1598 Indenolol Hydrochloride**

81789-85-7 4974



1-[Inden-4 (or -7)-ylxy]-3-(isopropylamino)-2-propanol hydrochloride.

Pulsan; Securpres. Antiarrhythmic, antihypertensive and antianalgesic agent. Non-selective β -adrenergic blocker. mp = 147-148°; LD₅₀ (mus iv) = 26 mg/kg. *Yamanouchi U.S.A. Inc.; Schering Corp.***1599 Ipazilide**

115436-73-2

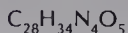


N-[3-(Diethylamino)propyl]-4,5-diphenylpyrazole-1-acetamide.

Antiarrhythmic agent and cardiac depressant. *Sterling Winthrop, Inc.*

1600 Ipazilide Fumarate

115436-74-3



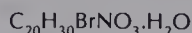
N-[3-(Diethylamino)propyl]-4,5-diphenylpyrazole-1-acetamide fumarate.

Antiarrhythmic agent and cardiac depressant. *Sterling Winthrop, Inc.*mg/kg, (rat ip) = 139 mg/kg, (rat orl) = 480 mg/kg. *Sterling Winthrop, Inc.***1601 Ipratropium Bromide**

22254-24-6

5089

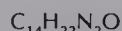
244-873-8

(8*R*)-3 α -Hydroxy-8-isopropyl-1 α H,5 α H-tropanium bromide.Atrovent; Sch-1000; Atem; Bitrop; Itrop; Narilet; Rinatex; component of: Combivent. An anticholinergic bronchodilator and antiarrhythmic. mp = 230-232°; soluble in H₂O, MeOH, EtOH; insoluble in most other organic solvents; LD₅₀ (mmus orl) = 1001 mg/kg, (mmus iv) = 12.29 mg/kg, (mmus sc) = 300 mg/kg, (fmus orl) = 1083 mg/kg, (fmus iv) = 14.97 mg/kg, (fmus sc) = 340 mg/kg, (mrat orl) = 1663 mg/kg, (mrat iv) = 15.89 mg/kg, (frat orl) = 1779 mg/kg, (frat iv) = 15.70 mg/kg. *Boehringer Ingelheim Ltd.***1602 Lidocaine**

137-58-6

5505

205-302-8



2-(Diethylamino)-2',6'-acetoxylidide.

Dalcaine; Solarcaine; Xylocaine; lignocaine; Cuivasil; Duncaine; Leostesin; Lidesthesin; Rucaina; Xylocaine; Xyllocitin; Xylotox. Class IB antiarrhythmic agent. mp = 68-69°; bp₄ = 180-182°, bp₂ = 159-160°; soluble in organic solvents, insoluble in H₂O. *Bayer Corp.*; *Schering-Plough Animal Health*; *Astra USA, Inc.*; *Glaxo Wellcome Inc.***1603 Lidocaine Hydrochloride**

73-78-9

5505

200-803-8



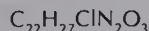
2-(Diethylamino)-2',6'-acetoxylidide hydrochloride monohydrate.

Lidesthesin; Lignavet; Odontalg; Sedagul; Xylocard; Xyloneural. Class IB antiarrhythmic agent. mp = 77-78°; [anhydrous form]: mp = 127-129°; very soluble in H₂O, EtOH; less soluble in CHCl₃; insoluble in Et₂O; LD₅₀ (mus orl) = 292 mg/kg, (mus ip) = 105 mg/kg, (mus iv) = 19.5 mg/kg. *Bayer Corp.*; *Schering-Plough HealthCare Products*; *Astra Chemicals Ltd.*; *Glaxo Wellcome, UK.***1604 Lorajmine**

47562-08-3

5607

256-322-9



Ajmaline 17-(chloroacetate).

MCAA; 17-chloroacetylajmaline. Antiarrhythmic agent and cardiac depressant. mp = 232-238°; [α]_D²⁰ = 27.5° (c = 1 CHCl₃). *Sterling Winthrop, Inc.***1605 Lorajmine Hydrochloride**

40819-93-0

5607

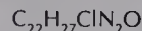


Ajmaline 17-(chloroacetate) monohydrochloride.

Win-11831; Nevergor; Ritmos Elle. Antiarrhythmic agent and cardiac depressant. mp = 243-246°; [α]_D²⁰ = 29° (c = 1 EtOH); LD₅₀ (mus ip) = 176 mg/kg, (mus orl) = 370**1606 Lorcainide**

59729-31-6

5610



4'-Chloro-N-(1-isopropyl-4-piperidiny)-2-phenylacetanilide.

Class IC antiarrhythmic agent. Also has cardiac depressant properties. LD₅₀ (mmus iv) = 18.8 mg/kg, (mmus orl) = 483 mg/kg, (mrat iv) = 19.3 mg/kg, (mrat orl) = 395 mg/kg, (frat iv) = 18.6 mg/kg, (frat orl) = 435 mg/kg. *Janssen Pharmaceutical, Belgium.***1607 Lorcainide Hydrochloride**

58934-46-6

5610

261-504-6

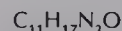


4'-Chloro-N-(1-isopropyl-4-piperidiny)-2-phenylacetanilide monohydrochloride.

R-15889; Ro-13-1042; Lopantrol; Lorivox; Remivox. Class IC antiarrhythmic agent. Also has cardiac depressant properties. mp = 263°. *Janssen Pharmaceutical, Belgium.***1608 Meobentine**

46464-11-3

5889

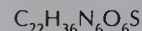


1-(p-Methoxybenzyl)-2,3-dimethylguanidine.

Class III antiarrhythmic agent. *Burroughs Wellcome.***1609 Meobentine Sulfate**

58503-79-0

5889



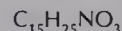
1-(p-Methoxybenzyl)-2,3-dimethylguanidine sulfate.

Rythmatine. Class III antiarrhythmic agent. mp = 273-274°. *Burroughs Wellcome.***1610 Metoprolol**

37350-58-6

6235

253-483-7

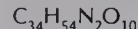


1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol.

H-23/96. Class II antiarrhythmic agent. Also has antihypertensive and antianginal activity. *Astra Hässle AB.***1611 Metoprolol Fumarate**

119637-66-0

6235



1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol.

Lopressor OROS; CGP-2175C. Class II antiarrhythmic agent. Also has antihypertensive and antianginal activity. Insoluble in EtOAc, Me₂CO, Et₂O, heptane. *Ciba-Geigy Corp.***1612 Metoprolol Succinate**

98418-47-4

6235



1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol.

Toprol XL; H-93/26 succinate. Class II antiarrhythmic agent. A beta₁-selective (cardioselective) adrenoceptor blocking agent, for oral administration, available as extended release tablets. Also has antihypertensive and antianginal activity. Freely soluble in H₂O; soluble in

MeOH sparingly soluble in EtOH; slightly soluble in CH_2Cl_2 , iPrOH; practically insoluble in EtOAc, Me_2CO , Et_2O , C_7H_{16} . *Astra USA, Inc.*

1613 Metoprolol Tartrate

56392-17-7 6235 260-148-

$9\text{C}_{34}\text{H}_{56}\text{N}_2\text{O}_{12}$ 1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol. Lopressor; component of Lopressor HCT; CGP-2175E; Beloc; Betaloc; Lopresor; Prelis; Seloken; Selopral; Selo-Zok. Class II antiarrhythmic agent. A ; β_1 -selective; (cardioselective); adrenoceptor; blocking; agent; for; oral; administration; available; as; extended; release; tablets; Also; has; antihypertensive; and; antianginal; activity; Soluble in MeOH; sparingly soluble in EtOH, slightly soluble in CH_2Cl_2 and iPrOH; insoluble in H_2O . 3M Co. *Ciba-Geigy Corp.*; *Apothecon*; *Lemmon Co.*

1614 Mexiletine

31828-71-4 6257 250-825-7

$\text{C}_{11}\text{H}_{17}\text{NO}$
1-Methyl-2-(2,6-xylyloxy)ethylamine.
Class Ib antiarrhythmic agent. *Boehringer Ingelheim GmbH.*

1615 Mexiletine Hydrochloride

5370-01-4 6257 226-362-1

$\text{C}_{11}\text{H}_{18}\text{ClNO}$
1-Methyl-2-(2,6-xylyloxy)ethylamine hydrochloride.
Mexitil; Ko-1173Cl; Katen; ritalmex. Class Ib antiarrhythmic agent. mp = 203-205°; LD_{50} (mrat orl) = 350 mg/kg, (mrat iv) = 27 mg/kg, (frat orl) = 400 mg/kg, (frat iv) = 30 mg/kg, (mmus orl) = 310 mg/kg, (mmus iv) = 43 mg/kg, (fmus orl) = 400 mg/kg, (fmus iv) = 50 mg/kg, (mrbt orl) = 180 mg/kg, (frbt orl) = 160 mg/kg. *Boehringer Ingelheim GmbH.*

1616 Modecainide

82522-70-1

$\text{C}_{22}\text{H}_{28}\text{N}_2\text{O}_3$
($\pm$)-2'-[2-(1-Methyl-2-piperidyl)ethyl]vanillanilide.
BMY-40327. Antiarrhythmic agent and cardiac depressant. *Bristol-Myers Squibb Co.*

1617 Monatepil

132019-54-6

$\text{C}_{28}\text{H}_{30}\text{FN}_3\text{OS}$
($\pm$)-N-(6,11-Dihydrodibenzo[b,e]thiepin-11-yl)-4-(p-fluorophenyl)-1-piperazinebutyramide.
Antiarrhythmic agent with antianginal and antihypertensive properties. *Dainippon Pharmaceutical Co.*

1618 Monatepil Maleate

132046-06-1

$\text{C}_{32}\text{H}_{34}\text{FN}_3\text{O}_5\text{S}$
($\pm$)-N-(6,11-Dihydrodibenzo[b,e]thiepin-11-yl)-4-(p-fluorophenyl)-1-piperazinebutyramide maleate (1:1).
AJ-2615. Antiarrhythmic agent with antianginal and antihypertensive properties. *Dainippon Pharmaceutical Co.*

1619 Moricizine

31883-05-3 6531 250-854-5

$\text{C}_{22}\text{H}_{25}\text{N}_3\text{O}_4\text{S}$
Ethyl 10-(3-morpholinopropionyl)phenothiazine-2-

carbamate.

Ethmozine; EN-313; ethmosine; moracizine. Class I antiarrhythmic agent. mp = 156-157°. *Roberts Pharmaceutical Corp.*

1620 Moricizine Hydrochloride

29560-58-8 6351

$\text{C}_{22}\text{H}_{26}\text{ClN}_3\text{O}_4\text{S}$
Ethyl 10-(3-morpholinopropionyl)phenothiazine-2-carbamate hydrochloride.
Ethmozine. Class I antiarrhythmic agent. mp = 189° (dec); soluble in H_2O , EtOH; LD_{50} (mus iv) = 36 mg/kg, (mus ip) = 131 mg/kg, (rat iv) = 12 mg/kg. *Roberts Pharmaceutical Corp.*

1621 Moxaprine

53076-26-9 258-347-0

$\text{C}_{23}\text{H}_{32}\text{N}_2\text{O}$
N,N-Diethyl-N'-(1-methoxy-2-indanyl)-n''-phenyl-1,3-propanediamine.
Derivative of aprindine. Antiarrhythmic.

1622 Nadoxolol

54063-51-3 6432

$\text{C}_{14}\text{H}_{16}\text{N}_2\text{O}_3$
3-Hydroxy-4-(1-naphthylloxy)butyramidoxime.
Antiarrhythmic agent. Antihypertensive, antianginal. Used for the treatment of cardiovascular disorders. *Orsymonde.*

1623 Nadoxolol Hydrochloride

35991-93-6 6432 252-825-2

$\text{C}_{14}\text{H}_{17}\text{ClN}_2\text{O}_3$
3-Hydroxy-4-(1-naphthylloxy)butyramidoxime hydrochloride.
LL-1530; Bradyl. Antiarrhythmic agent. Antihypertensive, antianginal. Used for the treatment of cardiovascular disorders. mp = 188°; soluble in H_2O , EtOH, MeOH; insoluble in Et_2O ; LD_{50} (mus iv) = 180 mg/kg, (mus orl) = 1000 mg/kg. *Orsymonde.*

1624 Nicainoprol

76252-06-7 278-403-8

$\text{C}_{21}\text{H}_{27}\text{N}_3\text{O}_3$
($\pm$)-1,2,3,4-Tetrahydro-8-[2-hydroxy-3-(isopropylamino)propoxy]-1-nicotinoylquinoline.
Antiarrhythmic.

1625 Nifenalol

7413-36-7 6618 231-023-6

$\text{C}_{11}\text{H}_{16}\text{N}_2\text{O}_3$
 α -[(Isopropylamino)methyl]-p-nitrobenzyl alcohol.
isophenethanol; INPEA. Antiarrhythmic agent with antianginal properties. mp = 98°. *Selvi.*

1626 Nifenalol Hydrochloride

5704-60-9 6618 227-194-1

$\text{C}_{11}\text{H}_{17}\text{ClN}_2\text{O}_3$
 α -[(Isopropylamino)methyl]-p-nitrobenzyl alcohol hydrochloride.
Inpea. Antiarrhythmic agent with antianginal properties. mp = 181°. *Selvi.*

1627 Oxiramide

13958-40-2

$\text{C}_{25}\text{H}_{34}\text{N}_2\text{O}_2$
N-[4-(2,6-Dimethylpiperidino)butyl]-2-phenoxy-2-

phenylacetamide.

Cl-661. Antiarrhythmic agent and cardiac depressant. *Parke-Davis*.

1628 Oxprenolol

6452-71-7 7086 229-257-9

$C_{15}H_{23}NO_3$

1-(o-Allyloxyphenoxy)-3-isopropylamino-2-propanol.

Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. mp = 78-80°. *Ciba-Geigy Corp.; Bayer AG*.

1629 Oxprenolol Hydrochloride

6452-73-9 7086 229-260-5

$C_{15}H_{24}ClNO_3$

1-(o-Allyloxyphenoxy)-3-isopropylamino-2-propanol hydrochloride.

Ba-39089; Coretal; Laracor; Paritane; Slow-Pren; Trasacor; Trasacor. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. mp = 107-109°. *Ciba-Geigy Corp.; Bayer AG*.

1630 Penbutolol

38363-40-5 7209

$C_{18}H_{29}NO_2$

(S)-1-(tert-Butylamino)-3-(o-cyclopentylphenoxy)-2-propanol.

Antianginal, antihypertensive and antiarrhythmic. A β -adrenergic calcium channel blocker with antiarrhythmic activity. mp = 68-72°; $[\alpha]_D^{20} = -11.5^\circ$ (c = 1 MeOH); soluble in MeOH, EtOH, $CHCl_3$. *Hoechst*.

1631 Penbutolol Sulfate

38363-32-5 7209 253-906-5

$C_{36}H_{40}N_2O_8S$

(S)-1-(tert-Butylamino)-3-(o-cyclopentylphenoxy)-2-propanol sulfate (salt) (2:1).

HOE-893d; HOE-39-893d; Betapressin; Levatol; Paginol. Antianginal, antihypertensive and antiarrhythmic. A β -adrenergic calcium channel blocker with antiarrhythmic activity. mp = 216-218° (dec); $[\alpha]_D^{20} = -24.6^\circ$ (c = 1 MeOH). *Hoechst*.

1632 Pentisomide

96513-83-6 7271

$C_{19}H_{33}N_3O$

($\pm$)- α -[2-(Diisopropylamino)ethyl]- α -isobutyl-2-pyridineacetamide.

CM-7857; ME-3202; penticainide; propisomide. Class I antiarrhythmic agent. mp = 108-109°; soluble in H_2O . *C.M. Industries*.

1633 Pilsicainide

88069-67-4 7581

$C_{17}H_{24}N_2O$

Tetrahydro-1H-pyrrolizine-7a(5H)-aceto-2',6'-xylidide.

Antiarrhythmic agent and cardiac depressant. Structural analog of lidocaine. *Suntory*.

1634 Pilsicainide Hydrochloride

88069-49-2 7581

$C_{17}H_{25}ClN_2O \cdot 1/2H_2O$

Tetrahydro-1H-pyrrolizine-7a(5H)-aceto-2',6'-xylidide hydrochloride.

SUN-1165; Sunrythm. Antiarrhythmic agent and cardiac depressant. Structural analog of lidocaine. mp = 212-214°; LD₅₀ (mus sc) = 410 mg/kg. *Suntory*.

1635 Pincaïnide

83471-41-4

$C_{16}H_{24}N_2O$

2,3,4,5,6,7-Hexahydro-1H-azepine-1-aceto-2',6'-xylidide.

IQB-M-81. A β -amino anilide. Antiarrhythmic.

1636 Pindolol

13523-86-9 7597 236-867-9

$C_{14}H_{20}N_2O_2$

1-(Indol-4-yloxy)-3-(isopropylamino)-2-propanol.

LB-46; Visken; prinodolol; Betapindol; Blocklin L; Calvisken; Decreten; Durapindol; Glauco-Visken; Pectobloc; Pinbetol; Pynastin. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 171-163°. *Sandoz Pharmaceuticals Corp*.

1637 Pirmenol

68252-19-7 7656

$C_{22}H_{30}N_2O$

($\pm$)-cis-2,6-Dimethyl- α -phenyl- α -2-pyridyl-1-piperidinebutanol.

Class IA antiarrhythmic agent. mp = 70-71°. *Parke-Davis*.

1638 Pirmenol Hydrochloride

61477-94-9 7656

$C_{22}H_{31}ClN_2O$

($\pm$)-cis-2,6-Dimethyl- α -phenyl- α -2-pyridyl-1-piperidinebutanol monohydrochloride.

Pirmavar; Cl-845. Class IA antiarrhythmic agent. mp = 171-172°; LD₅₀ (mus iv) = 20.8 mg/kg, (mus orl) = 215.5 mg/kg, (rat iv) = 23.6 mg/kg, (rat orl) = 359.9 mg/kg, (dog iv) > 7.0 mg/kg, (dog orl) > 40.0 mg/kg. *Parke-Davis*.

1639 Pirolazamide

39186-49-7

$C_{23}H_{29}N_3O$

Hexahydro- α,α -diphenylpyrolo[1,2-a]pyrazine-2(1H)-butyramide.

SC-26438. Antiarrhythmic and cardiac depressant. *Searle, G.D., & Co*.

1640 Practolol

6673-35-4 7882 229-712-1

$C_{14}H_{22}N_2O_3$

4'-[2-Hydroxy-3-(isopropylamino)propoxy]acetanilide.

AY-21011; ICI-50172; Dalzic; Eraldin. A β -adrenergic blocker. mp = 134-136°; soluble in i-PrOH; [hydrochloride monhydrate]: mp = 140-142°; [R(+)] form: mp = 130-131.5°; $[\alpha]_{365}^{25} = 4.3^\circ$ (EtOH), $[\alpha]_{578}^{25} = 3.5^\circ$ (EtOH); [R(+)] hydrochloride: $[\alpha]_{436}^{25} = 26.0^\circ$ (EtOH), $[\alpha]_{578}^{25} = 14.0^\circ$ (EtOH). *Wyeth-Ayerst Labs.; ICI*.

1641 Prajmaline

35080-11-6 7883

$[C_{23}H_{33}O_2]^+$

N-Propylajmaline.

prajmalium. Antiarrhythmic agent. *Boehringer Ingelheim GmbH*.

1642 Prajmaline Bitartrate

2589-47-1 7883 219-975-0
 $C_{27}H_{38}N_2O_8$
 N-Propylajmalinium tartrate.
 NPAB; GT-1012; Neo-Gilurytmal. Antiarrhythmic agent.
 mp = 149-152°; LD₅₀ (mus orl) = 43 mg/kg, (mus iv) = 1.7 mg/kg. *Boehringer Ingelheim GmbH*.

1643 Pranolium Chloride

42879-47-0
 $C_{18}H_{26}ClNO_2$
 [2-Hydroxy-3-(1-naphthylloxy)propyl]
 isopropylidimethylammonium chloride.
 SC-27761. Antiarrhythmic agent. *Searle, G.D., & Co.*

1644 Prifuroline

70833-07-7
 $C_{14}H_{16}N_2O$
 4-(2-Benzofuranyl)-2-(dimethylamino)-1-pyrroline.
 Antiarrhythmic.

1645 Primidolol

67227-55-8
 $C_{17}H_{23}N_3O_4$
 1-[2-[2-Hydroxy-3-(o-toloxyl)propyl]amino]ethyl]-
 thymine.
 UK-11443. Antihypertensive, antianal, antiarrhythmic
 (cardiac depressant). *Pfizer International*.

1646 Procainamide

51-06-9 7936 200-078-8
 $C_{13}H_{21}N_3O$
 p-Amino-N-[2-(diethylamino)ethyl]benzamide.
 Class IA antiarrhythmic agent. *Parke-Davis; Elkins-Sinn; Apoticon*.

1647 Procainamide Hydrochloride

614-39-1 7936 210-381-7
 $C_{13}H_{22}ClN_3O$
 p-Amino-N-[2-(diethylamino)ethyl]benzamide
 monohydrochloride.
 Procanbid; Pronestyl; Amisalin; Novocamid; Procamide;
 Procan-SR; Procapan; Pronestyl. Class IA antiarrhythmic
 agent. mp = 165-169°; λ_m = 278 nm; freely soluble in
 H₂O, less soluble in organic solvents; LD₅₀ (rat orl) > 2
 g/kg. *Parke-Davis; Elkins-Sinn; Apoticon*.

1648 Pronetalol

54-80-8 7974
 $C_{15}H_{19}NO$
 2-Isopropyl-1-(naphth-2-yl)ethanol.
 Pronethalol; nethalide. Antianal, antihypertensive and
 antiarrhythmic. A β -adrenergic blocker. mp = 108°. *ICI*.

1649 Pronetalol Hydrochloride

51-02-5 7974
 $C_{15}H_{20}ClNO$
 2-Isopropyl-1-(naphth-2-yl)ethanol hydrochloride.
 Pronethalol hydrochloride; ICI-38174; AY-6204; Alderlin.
 Antianal, antihypertensive and antiarrhythmic. A β -
 adrenergic blocker. mp = 184°; LD₅₀ (mus orl) = 512
 mg/kg, (mus iv) = 46 mg/kg. *ICI*.

1650 Propafenone

54063-53-5 7978 258-955-6

$C_{21}H_{27}NO_3$
 2'-[2-Hydroxy-3-(propylamino)propoxy]-3-
 phenylpropylphenone.
 SA-79. Class IC antiarrhythmic agent. *Helopharm; Knoll
 Pharmaceutical Co.*

1651 Propafenone Hydrochloride

34183-22-7 7978 251-867-9
 $C_{21}H_{28}ClNO_3$
 2'-[2-Hydroxy-3-(propylamino)propoxy]-3-
 phenylpropylphenone hydrochloride.
 Rythmol; Arythmol; Pronon; Rytmonorm. Class IC
 antiarrhythmic agent. Soluble in EtOH, CCl₄, hot H₂O;
 less soluble in cold H₂O; insoluble in Et₂O; LD₅₀ (rat iv) =
 1B.B mg/kg, (rat orl) = 700 mg/kg. *Helopharm; Knoll
 Pharmaceutical Co.; C.M. Industries*.

1652 Propranolol

525-66-6 8025 208-378-0
 $C_{16}H_{21}NO_2$
 1-(Isopropylamino)-3-(1-naphthylloxy)-2-propanol.
 Avlocardyl; Euprovasin. Antianal and antiarrhythmic
 agent. A β -adrenergic blocker. mp = 96°. *Quimicobiol;
 Parke-Davis; ICI; Wyeth Labs*.

1653 Propranolol Hydrochloride

318-98-9 B025 206-268-7
 $C_{16}H_{22}ClNO_2$
 1-(Isopropylamino)-3-(1-naphthylloxy)-2-propanol
 hydrochloride.
 AY-64043; ICI-45520; NSC-91523; Angilol; Apsolol;
 Bedranol; Beprane; Berkolol; Beta-Neg; Beta-Tablinen;
 Beta-Timelets; Cardinol; Caridolol; Deralin; Dociton;
 Duranol; Eféktolol; Elbol; Frekven; Inderal; Indobloc;
 Intermigran; Kemi S; Oposim; Prano-Puren; Prophylux;
 Propanur; Pylapron; Rapynogen; Sagittol; Servanolol;
 Sloprolol; Sumial; Tesnol. Antianal and antiarrhythmic
 agent. A β -adrenergic blocker. mp = 163-164°; soluble in
 H₂O, EtOH; insoluble in Et₂O, C₆H₆, EtOAc; LD₅₀ (mus
 orl) = 565 mg/kg, (mus iv) = 22 mg/kg, (mus ip) = 107
 mg/kg. *Quimicobiol; Parke-Davis; ICI; Wyeth Labs*.

1654 Pyrinoline

1740-22-3 8173
 $C_{27}H_{20}N_4O$
 3-(Di-2-pyridylmethylene)- α,α -di-2-pyridyl-1,4-
 cyclopentadiene-1-methanol.
 McN-1210; Surexin. Antiarrhythmic agent and cardiac
 depressant. mp = 146-148°. *McNeil Pharmaceutical*.

1655 Quinacainol

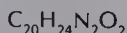
86024-64-8
 $C_{21}H_{30}N_2O$
 ($\pm$)-2-tert-Butyl- α -[2-(4-piperidyl)ethyl]-4-
 quinolinemethanol.
 PK-10139. Class IA antiarrhythmic.

1656 Quindonium Bromide

130-81-4
 $C_{16}H_{20}BrNO$
 2,3,3a,5,6,11,12,12a-Octahydro-8-hydroxy-1H-
 benzo[a]cyclopenta[f]quinolizinium bromide.
 W3366A. Antiarrhythmic agent and cardiac depressant.
Parke-Davis.

1657 Quinidine

56-54-2 8244 200-279-0

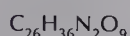


(9S)-6'-Methoxycinchonan-9-ol.

Pitayin; conquinine, β -quinine; Coccinine; Conchinine; Cin-quin; Quinicardine; Quinidex; Cardioquin; Quindine; Quinaglute; conquinine; pitayine; (+)-quinidine; β -quinidine; Kinidin; (+)-Quindine. antiarrhythmic agent. A dextrorotatory stereoisomer of quinine mp = 174-175°; $[\alpha]_D^{15} = 230^\circ$ (c = 1.8 CHCl₃), $[\alpha]_D^{17} = 258^\circ$ (EtOH), $[\alpha]_D^{17} = 322^\circ$ (c = 1.6 2M HCl); soluble in H₂O (0.05 g/100 ml at 25°, 0.125 g/100 ml at 100°), EtOH (2.78 g/100 ml), Et₂O (1.78 g/100 ml), CHCl₃ (62.5 g/100 ml); very soluble in MeOH; insoluble in petroleum ether; LD₅₀ (rat iv) = 30 mg/kg, (rat orl) = 263 mg/kg.

1658 Quinidine Gluconate

7054-25-3 8244 230-333-9



Gluconic acid quinidine salt.

Duraquin; Quinaglute. Class IA anti-arrhythmic agent. mp = 175-176.5°; soluble in H₂O (11.1 g/100 ml), EtOH (1.67 g/100 ml).

1659 Quinidine Sulfate

50-54-4 8244 200-046-3

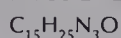


6'-Methoxy-(9S)-cinchonon-9-ol sulfate (2:1) (salt).

Cin-Quin; Quinidex; Quinora; Quinicardine; Extentabs. Class IA antiarrhythmic and antimalarial. Cardiac depressant. $[\alpha]_D^{25} = 212^\circ$ (EtOH); soluble in H₂O (1.1 g/100 ml at 25°, 66.6 g/100 at 100°), EtOH (10 g/100ml), MeOH (33.3 g/100 ml), CHCl₃ (8.3 g/100 ml); insoluble in Et₂O, C₆H₆; LD₅₀ (mus orl) = 700 mg/kg, (mus iv) = 83 mg/kg, (rat orl) = 455.8 mg/kg, (rat iv) = 56 mg/kg. *Solvay Pharmaceuticals; Parke-Davis; Whitehall-Robins; Key Pharmaceuticals.*

1660 Recainam

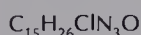
74738-24-2



1-[3-(Isopropylamino)propyl]-3-(2,6-xylyl)urea.

Wy-42362. Antiarrhythmic agent. *Wyeth-Ayerst Labs.***1661 Recainam Hydrochloride**

74752-07-1

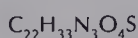


1-[3-(Isopropylamino)propyl]-3-(2,6-xylyl)urea hydrochloride.

Vanorm; WY-42362 HCl. Antiarrhythmic agent. *Wyeth-Ayerst Labs.*

1662 Recainam Tosylate

74752-08-2

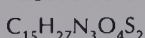


1-[3-(Isopropylamino)propyl]-3-(2,6-xylyl) urea mono-p-toluenesulfonate.

Wy-42362 tosylate. Antiarrhythmic agent. *Wyeth-Ayerst Labs.*

1663 Risotilide

120688-08-6



4'-[Isopropyl[2-(isopropylamino)ethyl]sulfamoyl]-

methanesulfanilamide.

Antiarrhythmic agent. *Wyeth-Ayerst Labs.***1664 Risotilide Hydrochloride**

116907-13-2

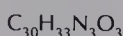


4'-[Isopropyl[2-

(isopropylamino)ethyl]sulfamoyl]methanesulfanilamide hydrochloride.

Wy-48986. Antiarrhythmic agent. *Wyeth-Ayerst Labs.***1665 Ropitoin**

56079-81-3



5-(p-Methoxyphenyl)-5-phenyl-3-[3-(4-phenylpiperidino)propyl]hydantoin.

Antiarrhythmic agent and cardiac depressant. *Bayer AG.***1666 Ropitoin Hydrochloride**

56079-80-2



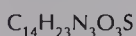
5-(p-Methoxyphenyl)-5-phenyl-3-[3-(4-phenylpiperidino)propyl]hydantoin hydrochloride.

TR-2985. Antiarrhythmic agent and cardiac depressant. *Bayer AG.*

1667 Sematilide

101526-83-4

8586



N-[2-(Diethylamino)ethyl]-p-

menthanesulfonamidobenzenesulfonamide.

CK-1752. Class III antiarrhythmic agent. *Schering AG.***1668 Sematilide Hydrochloride**

101526-62-9

8586



N-[2-(Diethylamino)ethyl]-p-menthanesulfonamido-benzenesulfonamide monohydrochloride.

CK-1752A. Class III antiarrhythmic agent. mp = 141-142°, 137°, 142°; $\lambda_m = 289$ nm (ϵ 19100 0.1N NaOH), 254 nm (ϵ 17800 0.1N HCl); LD₅₀ (mus ip) = 250-300 mg/kg, (mus iv) = 96 mg/kg, (mus orl) = 1800 mg/kg, (rat iv) = 92 mg/kg, (rat orl) = 3200 mg/kg, (dog iv) = 143-175 mg/kg, (dog orl) = 500-1000 mg/kg. *Schering AG.*

1669 Sotalol

3930-20-9

8876



4'-[1-Hydroxy-2-(isopropylamino)ethyl]-methanesulfonanilide.

Class II & III antiarrhythmic agent. A β -adrenergic blocker. Has anti-arrhythmic, antihypertensive and antianginal properties. $\lambda_{sm} = 242.2, 275.2$ nm (CHCl₃). *Berlex Labs., Inc.; Bristol-Myers Squibb Co.*

1670 Sotalol Hydrochloride

959-24-0

8876

213-496-0



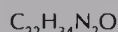
4'-[1-Hydroxy-2-(isopropylamino)ethyl]-methanesulfonanilide hydrochloride.

Betapace; MJ-1999; Beta-cardone; Betapace; Darob; Sotacor; Sotalex. Class II & III antiarrhythmic agent. A β -adrenergic blocker. Has antiarrhythmic, antihypertensive and antianginal properties. mp = 206.5-207°, 218-219°; freely soluble in H₂O, slightly soluble in CHCl₃; LD₅₀ (mmus orl) = 2600 mg/kg, (mmus ip) = 670 mg/kg, (mrat

orl) = 3450 mg/kg, (mrat ip) = 680 mg/kg, (rbt orl) = 1000 mg/kg, (dog ip) = 330 mg/kg. *Berlex Labs., Inc.; Bristol-Myers Squibb Co.*

1671 Stirocainide

78372-27-7

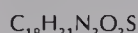


(E)-2-Benzylidenecycloheptonane(E)-O-[2-(diisopropylamino)ethyl]oxime.

Th-494. Antiarrhythmic.

1672 Suricainide

85053-46-9

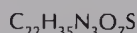


3-[2-(Diethylamino)ethyl]-1-isopropyl-1-[2-(phenylsulfonyl)ethyl]urea.

Antiarrhythmic agent with cardiodepressant properties. *Whitehall-Robins.*

1673 Suricainide Maleate

85053-47-0



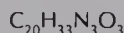
3-[2-(Diethylamino)ethyl]-1-isopropyl-1-[2-(phenylsulfonyl)ethyl]urea maleate (1:1).

AHR-10718. Antiarrhythmic agent with cardiodepressant properties. *Whitehall-Robins.*

1674 Talinolol

57460-41-0

9208

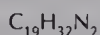


(±)-1-[p-[3-(tert-Butylamino)-2-hydroxypropoxy]phenyl]-3-cyclohexylurea.

Antiarrhythmic agent with antihypertensive properties. An antacid preparation. mp = 142-144°; LD₅₀ (rat orl) = 1180 mg/kg, (rat ip) = 54.3 mg/kg, (rat iv) = 29.7 mg/kg, (mus orl) = 593 mg/kg, (mus ip) = 74.7 mg/kg, (mus iv) = 25.0 mg/kg. *Ciba-Geigy Corp.*

1675 Tedisamil

90961-53-8

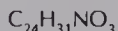


3',7'-Bis(cyclopropylmethyl)spiro[cyclopentane-1,9'-[3,7]diazabicyclo[3.3.1]nonane].

KC-8857. Sinus node inhibitor. Antiarrhythmic (class III).

1676 Terikalant

121277-96-1



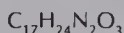
(-)-(S)-1-[2-(4-Chromanyl)ethyl]-4-(3,4-dimethoxyphenyl)piperidine.

RP-62719. Blocker of inwardly rectifying K⁺ currents. Antiarrhythmic (class III).

1677 Tilisolol

85136-71-6

9579



(±)-4-[3-(tert-Butylamino)-2-hydroxypropoxy]-2-methylisocarbostyryl.

Antiarrhythmic and antihypertensive. *Nisshin.*

1678 Tilisolol Hydrochloride

62774-96-3

9579



(±)-4-[3-(tert-Butylamino)-2-hydroxypropoxy]-2-methylisocarbostyryl hydrochloride.

N-696; Selecal. Antiarrhythmic and antihypertensive. mp

= 203-205°; LD₅₀ (mmus orl) = 1393 mg/kg, (mmus sc) = 1219 mg/kg, (mmus ip) = 578 mg/kg, (mmus iv) = 74.3 mg/kg, (fmsus orl) = 1290 mg/kg, (fmsus sc) = 1245 mg/kg, (fmsus ip) = 557 mg/kg, (fmsus iv) = 104.7 mg/kg, (mrat orl) = 145 mg/kg, (mrat sc) = 176 mg/kg, (mrat ip) = 39.5 mg/kg, (mrat iv) = 75.8 mg/kg, (frat orl) = 188 mg/kg, (frat sc) = 169 mg/kg, (frat ip) = 29.2 mg/kg, (frat iv) = 38.1 mg/kg. *Nisshin.*

1679 Timolol

91524-16-2

9585



(S)-1-(tert-Butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]-2-propanol hemihydrate.

Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β-adrenergic blocker. [(±) form]: mp = 71.5-72.5°. *Merck & Co., Inc.*

1680 Timolol Maleate

26921-17-5

9585

248-111-5

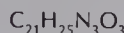


(S)-1-(tert-Butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]-2-propanol maleate (1:1).

Blocadren; Timoptic; Timoptol; MK-950; Aquanil; Betim; Proflax; Temserin; Tenopt; Timacar; Timacor; component of: Cosopt, Timolide. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β-adrenergic blocker. mp = 201.5-202.5°; [α]_D²⁴ = -12.0° (c = 5 1N HCl), [α]_D²⁵ = -4.2°; λ_m = 294 nm (A_{1 cm}^{1%} 200 0.1N HCl); soluble in EtOH, MeOH; poorly soluble in CHCl₃, cyclohexane; insoluble in isooctane, Et₂O. *Merck & Co., Inc.*

1681 Tiracizine

83275-56-3



Ethyl 5-(N,N-dimethylglycyl)-10,11-dihydro-5H-dibenz[b,f]azepine-3-carbamate.

AWD-19-166 [as hydrochloride]; GS 015 [as hydrochloride]; Bonnecor [as hydrochloride]. Antiarrhythmic (class I).

1682 Tocainide

41708-72-9

9629

255-505-0



2-Amino-2',6'-propionoxylidide.

W-36095. Class IB antiarrhythmic agent with cardiodepressant properties. *Merck & Co., Inc.*

1683 Tocainide Hydrochloride

71395-14-7

9629

275-361-2



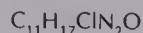
2-Amino-2',6'-propionoxylidide hydrochloride.

Tonocard; Taquidil; Xylotocan. Class IB antiarrhythmic agent with cardiodepressant properties. mp = 246-247°. *Merck & Co., Inc.*

1684 Tocainide R-(-) form Hydrochloride

53984-74-0

9629



(R)-(-)-2-Amino-2',6'-propionoxylidide.

Class IB antiarrhythmic agent with cardiodepressant properties. mp = 265-266°; [α]_D = -42.16° (c = 2.63 MeOH). *Merck & Co., Inc.*

1685 Tocainide S-(+) Hydrochloride

53984-76-2

9629

 $C_{11}H_{17}ClN_2O$

(S)-(+)-2-Amino-2',6'-propionoxylidide.

Class IB antiarrhythmic agent with cardiodepressant properties. mp = 264.5°; $[\alpha]_D = +42.35^\circ$ (c = 2.63 MeOH). Merck & Co., Inc.

1686 Tolamolol

38103-61-6

253-783-8

 $C_{19}H_{24}N_2Cl$

10,11-Dihydro-N,N-dimethyl-5H-dibenz[b,f]azepine-5-propanamine hydrochloride.

imipramine hydrochloride; Berkamine; Chrystemin; Deprinol; Efuranol; Feinalmin; Imavate; Imidol; Imilanyle; Imiprin; Iramil; Janimine; Melipramine; Presamine; Pryleugan. Vasodilator (coronary); cardioac depressant (antiarrhythmic); anti-adrenergic (β -receptor). Ciba plc; Pfizer Inc.

1687 Transcainide

88296-62-2

 $C_{22}H_{35}N_3O_2$

(±)-trans-4-(Dimethylamino)-1-(2-hydroxycyclohexyl)-2',6'-isonipectoxylidide.

R-54718. Antiarrhythmic agent and cardiac depressant. Janssen Pharmaceutical, Belgium.

1688 Verapamil

52-53-9

10083

200-145-1

 $C_{27}H_{38}N_2O_4$

5-[(3,4-Dimethoxyphenethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-isopropylvaleronitrile.

D-365; CP-16533-1; iproveratril. Antianginal and Class IV antiarrhythmic agent. Coronary vasodilator with calcium channel blocking activity. bp_{0.001} = 243-246°; insoluble in H₂O; slightly soluble in C₆H₆, C₆H₁₄, Et₂O; soluble in EtOH, MeOH, Me₂CO, EtOAc, CHCl₃. Bristol-Myers Squibb Co.

1689 Verapamil Hydrochloride

152-11-4

10083

205-800-5

 $C_{27}H_{39}ClN_2O_4$

5-[(3,4-Dimethoxyphenethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-isopropylvaleronitrile hydrochloride. Calan; isoptin; Verelan. Antianginal and Class IV antiarrhythmic agent. Coronary vasodilator with calcium channel blocking activity. mp = 138.5-140.5°; soluble in H₂O (7 g/100 ml), EtOH (2.6 g/100 ml), propylene glycol (9.3 g/100 ml), MeOH (> 10.0 g/100 ml), iPrOH (0.46 g/100 ml), EtOAc (0.1 g/100 ml), DMF (> 10.0 g/100 ml), CH₂Cl₂ (> 10.0 g/100 ml), C₆H₁₄ (0.1 g/100 ml); LD₅₀ (rat iv) = 16 mg/kg, (mus iv) = 8 mg/kg. Searle, G.D., & Co.; Knoll Pharmaceutical Co.; Parke-Davis; Lederle Labs.

1690 Viquidil

84-55-9

10141

201-540-1

 $C_{20}H_{24}N_2O_2$

1-(6-Methoxy-4-quinolyl)-3-(3-vinyl-4-piperidyl)-1-propanone.

LM-192; chinicine; mequiverine; quinotoxine; quinotoxol. Vasodilator with antiarrhythmic properties. $[\alpha]_D = 43^\circ$; yellow oil; slightly soluble in H₂O; freely soluble in EtOH, CHCl₃, Et₂O. Polaroid.

1691 Viquidil Hydrochloride

52211-63-9

10141

257-739-9

 $C_{20}H_{25}ClN_2O_2$

1-(6-Methoxy-4-quinolyl)-3-(3-vinyl-4-piperidyl)-1-propanone hydrochloride.

Desclidium; Permiran. Vasodilator with antiarrhythmic properties. mp = 184 ± 4°; $\lambda_m = 246, 355$ nm; soluble in EtOH, poorly soluble in H₂O, insoluble in Me₂CO. Polaroid.

1692 Xibenolol

81584-06-7

10209

 $C_{15}H_{25}NO_2$

(±)-1-(tert-Butylamino)-3-(2,3-xylyloxy)-2-propanol.

Antiarrhythmic agent. Non-selective β -adrenergic blocker. mp = 57°; bp_{0.7} = 134-136°; $\lambda_m = 271.2, 274, 279.3$ nm (ϵ 10800, 10700, 11100 EtOH). Teikoku Hormone.

1693 Xibenolol Hydrochloride

59708-57-5

10209

 $C_{15}H_{26}ClNO_2$

(±)-1-(tert-Butylamino)-3-(2,3-xylyloxy)-2-propanol hydrochloride.

D-32; Selapin; Rhythminal; Rythminal. Antiarrhythmic agent. Non-selective β -adrenergic blocker. mp = 135-137°. Teikoku Hormone.

Antiarrhythmics

1694 N-Acetylglucosamine

7512-17-6

4466

 $C_8H_{15}NO_6$ 2-Acetyl amino-2-deoxy- β -D-glucopyranose.

Antiarrhythmic agent. Also used as a pharmaceutic aid. mp = 205°; $[\alpha]_D^{18} = 64^\circ \rightarrow 40.9^\circ$.

1695 Allocupreide Sodium

5965-40-2

265

 $C_{10}H_{11}CuN_2NaO_2S$

Sodium 3-(3-allyl-S-cupropseudoyhioureido)benzoate.

Ebesal; cupralyl-natrium; Cuprelon; Cupralene; Cuprin. Antirheumatic agent. Soluble in H₂O, insoluble in organic solvents. Hoechst-Roussel Pharmaceuticals Inc.

1696 Atiprimod Dihydrochloride

130065-61-1

7214

 $C_{22}H_{46}Cl_2N_2$

2-[3-(Diethylamino)propyl]-8,8-dipropyl-2-azaspiro[4,5]decane dihydrochloride.

SK&F-106615-A2; SKF-106615-A2. Antirheumatic agent with anti-inflammatory properties. SmithKline Beecham Pharmaceuticals.

1697 Atiprimod Dimaleate

183063-72-1

7214

 $C_{30}H_{52}N_2O_8$

2-[3-(Diethylamino)propyl]-8,8-dipropyl-2-azaspiro[4,5]decane maleate (1:2).

SKF-106615-A12. Antirheumatic agent with anti-inflammatory properties. SmithKline Beecham Pharmaceuticals.

1698 Auranofin

34031-32-8 911 251-801-9
 $C_{20}H_{34}AuO_9PS$
 (1-Thio- β -D-glucopyranosato)(triethylphosphine)gold
 2,3,4,6-tetraacetate.
 Ridaura; Ridauran; SKF-39162; Aktil; Crisinor; Crisofin.
 Antirheumatic agent. mp = 110-111°; LD₅₀ (rat orl) = 265
 mg/kg, (mus orl) = 310 mg/kg. *SmithKline Beecham*
Pharmaceuticals.

1699 Aurothioglucose

12192-57-3 917 235-365-7
 $C_6H_{11}AuO_5S$
 (1-Thio-D-glucopyranosato)gold.
 Solganal; Solganal B; Aureotan; Aurumine; Oronol.
 Antirheumatic agent. Has been used to produce obesity
 in animals. Soluble in H₂O, slightly soluble in propylene
 glycol, insoluble in other organic solvents. *Schering AG*.

1700 Aurothioglycanide

16925-51-2 918
 C_8H_8AuNOS
 S-Gold derivative of 2-mercaptoacetanilide.
 aurothioglycollic acid anilide; Lauron. Antirheumatic
 agent. mp = 238-241°; insoluble in H₂O, organic
 solvents; administered as a suspension in sesame oil.

1701 Azathioprine

446-86-6 935 207-175-4
 $C_9H_7N_7O_2S$
 6-[(1-Methyl-4-nitroimidazol-5-yl)thio]purine.
 Imuran; BW-57-322; NSC-39084; Azamune; Azanin;
 Azoran; Imurel. Immunosuppressant and antirheumatic
 agent. mp = 243-244° (dec); λ_m = 276 nm (ϵ 18200
 MeOH); slightly soluble in H₂O, CHCl₃, EtOH. *Glaxo*
Wellcome Inc.

1702 Azathioprine Sodium Salt

55774-33-9 935
 $C_9H_6N_7NaO_2S$
 6-[(1-Methyl-4-nitroimidazol-5-yl)thio]purine sodium salt.
 Imuran Injection; Imurek. Immunosuppressant and
 antirheumatic agent. *Glaxo Wellcome Inc*.

1703 Bucillamine

65002-17-7 1481
 $C_7H_{13}NO_3S_2$
 N-(2-Mercapto-2-methylpropionyl)-L-cysteine.
 tiobutarit; thiobutarit; DE-019; SA-96; Rimatil.
 Antirheumatic agent. mp = 139-140°; $[\alpha]_D^{25}$ = 32.3° (c =
 1.0 EtOH); LD₅₀ (mus ip) = 2285 mg/kg, (mus iv) = 989.6
 mg/kg. *Santen*.

1704 Calcium 3-Aurothio-2-Propanol-1-Sulfonate

5743-29-3 1689
 $C_6H_{12}Au_2CaO_8S_4$
 [2-Hydroxy-3-mercapto-1-propanesulfonato(2-)-O²,S³]-
 aurate(1-) calcium (2:1).
 Chrsanol; Chrsanol; Krizanol; component of:
 Oleochryesine. Antirheumatic agent.

1705 Celecoxib

169590-42-5
 $C_{17}H_{14}F_3N_3O_2S$

4-[5-(4-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-
 yl] benzenesulfonamide.

A COX-2 inhibitor. Anti-inflammatory, used as an NSAID,
 especially in pain control in arthritis. *Searle, G.D., & Co*.

1706 Chloroquine

54-05-7 2215 200-191-2
 $C_{18}H_{26}ClN_3$
 7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]-
 quinoline.
 Aralen; SN-7618; RP-3377; Attrichin; Bemaphate;
 Capquin; Nivaquine B; Resoquine; Reumachlor;
 Sanoquin; [sulfate] nivaquine. Antirheumatic agent. Also
 antiamebic, antimalarial. mp = 87°. *Sterling Winthrop,*
Inc.

1707 Chloroquine Dihydrochloride

3545-67-3 2215 222-592-1
 $C_{18}H_{28}Cl_3N_3$
 7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]-
 quinoline dihydrochloride.
 Aralen hydrochloride. Antirheumatic agent. Also
 antiamebic, antimalarial. *Sterling Winthrop, Inc*.

1708 Chloroquine Diphosphate

50-63-5 2215 200-055-2
 $C_{18}H_{32}ClN_3P_2O_8$
 7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]-
 quinoline diphosphate.
 Aralen phosphate; Arechin; Avloclor; Imagon; Malaquin;
 Resochin; Tresochin. Antirheumatic agent. Also
 antiamebic, antimalarial. Also has activity as a lupus
 erythematosus suppressant. mp = 193-195°, 215-218°;
 soluble in H₂O, insoluble in organic solvents. *Sterling*
Winthrop, Inc.

1709 Clobazarit

22494-47-9 2426 245-035-4
 $C_{17}H_{17}ClO_3$
 2-[(4'-Chloro-4-biphenyl)methoxy]-2-methylpropionic
 acid.
 ICI-55897; Clozic. Antirheumatic agent. mp = 154-155°.
ICI.

1710 Cuproxoline

13007-93-7 2740
 $C_{34}H_{56}CuN_6O_{14}S_4$
 Bis(dihydrogen 8-hydroxy-5,7-quinolinedisulfonato)-
 copper compound with diethylamine (1:4).
 copper DOS; Dicuprene; Cujec; Cuprimyl. Antirheumatic
 agent. Used in veterinary medicine as a copper
 supplement. Soluble in H₂O, giving a dark green solution;
 LD₅₀ (rat im) = 126 mg/kg.

1711 Diacerein

13739-02-1 3003 237-310-2
 $C_{19}H_{12}O_8$
 9,10-Dihydro-4,5-dihydroxy-9,10-dioxo-2-anthroic acid
 diacetate.
 diacerein; diacetylrhein; DAR; SF-277; Artrodar;
 Fisiodar. Antiarthritic agent. mp = 217-218°. *Proter*.

1712 Etanercept

A dimeric fusion protein consisting of the extracellular
 ligand-binding portion of the human 75 kilodalton (p75)
 tumor necrosis factor receptor linked to the Fc portion of

human IgG1.

An immunomodulator, used in treatment of arthritis.
Immunex Corp.

1713 Glucosamine

3416-24-8 4466 222-311-2

$C_6H_{13}NO_5$

2-Amino-2-deoxy- β -D-glucopyranose.

Antiarthritic agent. Also used as a pharmaceutical aid.

1714 Glucosamine α -form

28905-11-5 4466

$C_6H_{13}NO_5$

2-Amino-2-deoxy- α -D-glucopyranose.

Antiarthritic agent. Also used as a pharmaceutical aid. mp = 88°; $[\alpha]_D^{20} = 100^\circ \rightarrow 47.5^\circ$ after 30 minutes.

1715 Glucosamine β -form

28905-10-4 4466

$C_6H_{13}NO_5$

2-Amino-2-deoxy- β -D-glucopyranose.

Antiarthritic agent. Also used as a pharmaceutical aid. mp = 110° (dec); $[\alpha]_D^{20} = 28^\circ \rightarrow 47.5^\circ$ after 3 minutes; very soluble in H_2O ; soluble in boiling MeOH 2.63 g/100 ml; sparingly soluble in cold MeOH or EtOH; insoluble in Et_2O , $CHCl_3$.

1716 Glucosamine Sulfate salt

29031-19-4 4466 249-379-6

$C_6H_{13}NO_5 \cdot xH_2SO_4$

2-Amino-2-deoxy- β -D-glucopyranose sulfate (salt).

Dona. Antiarthritic agent. Also used as a pharmaceutical aid.

1717 Gold Sodium Thiomalate

12244-57-4 4536 235-479-7

$C_4H_3AuNa_2O_4S + C_4H_4AuNaO_4S$

Mercaptosuccinic acid monogold(1+) sodium salt.

Myochrysine; Kidon; Myocrisin; Shiosol; Tauredon.

Antirheumatic agent. Very soluble in H_2O ; insoluble in EtOH, Et_2O . *Merck & Co., Inc.*

1718 Gold Sodium Thiosulfate

10233-88-2 4537 233-563-8

$AuNa_3O_6S_4 \cdot 2H_2O$

Sodium aurothiosulfate.

sodium dithiosulfatoaurate. Antirheumatic agent. d = 3.09; soluble in H_2O (50 g/100 ml), insoluble in most organic solvents; LD_{50} (rbt iv) = 100 mg/kg.

1719 Hydroxychloroquine

118-42-3 4863 204-249-8

$C_{18}H_{26}ClN_3O$

2-[[4-[(7-Chloro-4-quinolyl)amino]pentyl]ethylamino]ethanol.

Antirheumatic agent. Also antiamebic, antimalarial. Also has activity as a lupus erythematosus suppressant. mp = 89-91°. *Sterling Winthrop, Inc.*

1720 Hydroxychloroquine Sulfate

747-36-4 4863 212-019-3

$C_{18}H_{28}ClN_3O_5S$

2-[[4-[(7-Chloro-4-quinolyl)amino]pentyl]ethylamino]-ethanol sulfate (1:1) salt.

Plaquenil sulfate; Ercoquin; Quensyl. Antirheumatic agent. Also antiamebic, antimalarial. Also has activity as a lupus erythematosus suppressant. Two forms, mp = 198° and 240°; freely soluble in H_2O , insoluble in most organic solvents. *Sterling Winthrop, Inc.*

1721 Kebuzone

853-34-9 5300 212-715-7

$C_{19}H_{18}N_2O_3$

4-(3-Oxobutyl)-1,2-diphenyl-3,5-pyrrolizidinedione.

KPB; Chebutan; Chepirol; Chetazolidin; Chetil; Copirene; Ketason; Ketazone; Pecnon; Phloguron; Recheton. Antirheumatic agent. mp = 115.5-116.5° or 127.5-128.5°. *Ciba-Geigy Corp.*

1722 Lobenzarit

63329-53-3 5581

$C_{14}H_{10}ClNO_4$

4-Chloro-2,2'-iminodibenzoic acid.

CCA. Antirheumatic agent. mp > 306°; LD_{50} (mrat orl) = 2100 mg/kg, (frat orl) = 2600 mg/kg. *Ciba p/c.*

1723 Lobenzarit Disodium Salt

64808-48-6 5581

$C_{14}H_8ClNNa_2O_4$

Disodium 4-chloro-2,2'-iminodibenzoate.

Carfenil. Antirheumatic agent. mp = 388° (dec). *Chugai Pharmaceutical Co., Ltd.*

1724 Lodelaben

111149-90-7

$C_{25}H_{41}ClO_3$

($\pm$)-2-Chloro-4-(1-hydroxyoctadecyl)benzoic acid.

Declaben; SC-39026. Antiarthritic agent. Also used as an adjunct in emphysema therapy. *Searle, G.D., & Co.*

1725 Melittin

20449-79-0 5867

$C_{131}H_{229}N_{39}O_{31}$

Meilittin I.

Forapin; Gly-Ile-Gly-Ala-Val-Leu-Lys-Val-Leu-Thr-Thr-Gly-Leu-Prol-Ala-Leu-Ile-Ser-Trp-Ile-Lys-Arg-Lys-Arg-Gln-Gln-NH₂. Polypeptide (26-mer) derived from the venom of the honeybee. Used as an antirheumatic agent. $[\alpha]_D^{21} = -89.52^\circ$ (c = 0.409).

1726 Methotrexate

59-05-2 6065 200-413-8

$C_{20}H_{22}N_8O_5$

L-(+)-N-[p-[(2,4-Diamino-6-pteridiny)methyl]-methylamino]benzoyl]glutamic acid.

Amethopterin; Mexate; CL-14377; NSC-740; MTX; Emtexate; Ledertrexate; A-Methopterin; Rheumatrex. Antineoplastic and antirheumatic agent. *Lederle Labs.; Bristol-Myers Oncology.*

1727 Methotrexate Disodium Salt

7413-34-5 6065 231-022-0

$C_{20}H_{20}N_8Na_2O_5$

L-(+)-N-[p-[(2,4-Diamino-6-pteridiny)methyl]-methylamino]benzoyl]glutamic acid disodium salt.

Folex; Mexate. Antineoplastic and antirheumatic agent. *Lederle Labs.; Bristol-Myers Oncology.*

1728 Methotrexate Monohydrate

6745-93-3 6065



L-(+)-N-[p-[(2,4-Diamino-6-pteridiny]methyl)-methylamino]benzoyl]glutamic acid monohydrate.

Antineoplastic and antirheumatic agent. mp = 185-204° (dec); λ_{m} = 244, 307 nm (0.1N HCl), 257, 302, 370 nm (0.1N NaOH); LD₅₀ (rat iv) = 14 mg/kg. *Lederle Labs.; Bristol-Myers Oncology.***1729 Myoral**

645-74-9 6411 211-454-6



Calcium [mercaptoacetato(2-)-O,aurate(1-)] 91:2).

[(carboxymethyl)thio]gold calcium salt; calcium aurothioglucolate; mercaptoacetic acid calcium salt gold derivative. Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. Insoluble in H₂O, used as a suspension in oil.**1730 Penicillamine**

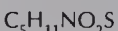
52-67-5 7214 200-148-8



D-3-Mercaptovaline.

Depen; Cuprimine; β-Thiovaline; Cuprenil; Depamine; Mercaptyl; Pendramine; Perdolat; Sufirtan; Trolovol. Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. mp = 202-206°; $[\alpha]_{\text{D}}^{25}$ = -63° (c = 1 C₅H₅N); LD₅₀ (rat orl) > 10000 mg/kg, (rat ip) > 660 mg/kg. *Merck & Co., Inc.; Wallace Labs.***1731 Penicillamine DL-form**

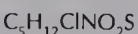
52-66-4 7214 200-147-2



DL-3-Mercaptovaline.

Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. mp = 201° (dec); LD₅₀ (rat orl) = 365 mg/kg.**1732 Penicillamine DL-form Hydrochloride**

22572-05-0 7214 245-093-0

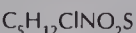


DL-3-Mercaptovaline hydrochloride.

Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. mp = 145-148°.

1733 Penicillamine Hydrochloride

2219-30-9 7214 218-727-9



3-Mercaptovaline hydrochloride.

Distamine; Metalcapase. Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. mp = 177.5° (dec); $[\alpha]_{\text{D}}^{25}$ = -63° (1N NaOH); soluble in H₂O, EtOH; LD₅₀ (mus iv) = 2289 mg/kg.**1734 Penicillamine L-form**

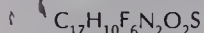
1113-41-3 7214 214-203-9



L-3-Mercaptovaline.

Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. mp = 190-194°; $[\alpha]_{\text{D}}^{25}$ = 63° (1N NaOH); LD₅₀ (rat ip) = 350 mg/kg.**1735 Tiflamizole**

62894-89-7



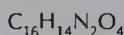
4,5-Bis(p-fluorophenyl)-2-[9,1,2,2-tetrafluoroethyl)-sulfonyl]imidazole.

Thioimidazole derivative. Cyclooxygenase inhibitor in prostaglandin synthesis. Anti-inflammatory; antiarthritic.

Antiasthmatics

1736 Amlexanox

68302-57-8 515



2-Amino-7-isopropyl-5-oxo-5H-[1]benzopyrano[2,3-b]-pyridine-3-carboxylic acid.

AA-673; CHX-3673; Elics; Solfa. Orally active lipoygenase inhibitor. Antiallergic and antiasthmatic. mp > 300°. *Chemex Pharmaceuticals, Inc.; Takeda.***1737 Andolast**

132640-22-3



4,4'-Di-1H-tetrazol-5-ylbenzanilide.

CR-2039. A potential anti-asthmatic drug.

1738 Apaflurane

431-89-0 207-079-2



1,1,1,2,3,3,3-Heptafluoropropane.

Used as a propellant to deliver antiasthmatic drugs such as beclomethasone propionate.

1739 Azelastine

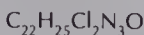
58581-89-8 939



4-(p-Chlorobenzyl)-2-(hexahydro-1-methyl-1H-azepin-4-yl)-1(2H)-phthalazinone.

Orally active H₂-histamine receptor antagonist. Antiallergic, antihistaminic and antiasthmatic. Oil, soluble in CH₂Cl₂; gives a crystalline monohydrate. *Asta-Werke AG.***1740 Azelastine Hydrochloride**

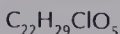
79307-93-0 939



4-(p-Chlorobenzyl)-2-(hexahydro-1-methyl-1H-azepin-4-yl)-1(2H)-phthalazinone monohydrochloride.

Astelin; A-5610; W-2979M; E-0659; Allergodil; Azeptin; Rhinolast. Orally active H₂-histamine receptor antagonist. Antiallergic, antihistaminic and antiasthmatic. mp = 225-229°; LD₅₀ (mmus iv) = 36.5 mg/kg, (mmus ip) = 56.4 mg/kg, (mmus sc) = 63.0, (mmus orl) = 124 mg/kg, (fmsus iv) = 35.5 mg/kg, (fmsus ip) = 42.8 mg/kg, (fmsus sc) = 54.2 mg/kg, (fmsus orl) = 139 mg/kg, (mrat iv) = 26.9 mg/kg, (mrat ip) = 43.2 mg/kg, (mrat sc) = 66.5 mg/kg, (mrat orl) = 310 mg/kg, (frat iv) = 30.3 mg/kg, (frat ip) = 46.6 mg/kg, (frat sc) = 59.6 mg/kg, (frat orl) = 417 mg/kg. *Asta-Werke AG.***1741 Beclomethasone**

4419-39-0 1047 224-585-9



9-Chloro-11β,17,21-trihydroxy-16β-methylpregna-1,4-diene-3,20-dione.

Inhalant form used as an antiasthmatic. Also has antiallergic and topical anti-inflammatory properties. *Schering AG; Key Pharmaceuticals; Glaxo Wellcome Inc.; Schevico; Merck & Co., Inc.*

1742 Beclomethasone Dipropionate

5534-09-8 1047 226-886-0
 $C_{28}H_{37}ClO_7$
 9-Chloro-11 β ,17,21-trihydroxy-16 β -methylpregna-1,4-diene-3,20-dione 17,21-dipropionate.
 Beclovent; Beconase; Vancenase; Vancenase AQ; Vanceril; Sch-18020W; Sch-18020W; Aerobec; Aldecin; Anceron; Andion; Beclacin; Becloforte; Beclomet; Beclothinol; Becloval; Beclodisks; Beconasol; Becotide; Clenil-A; Entyderma; Inalone O; Inalone R; Korbutone; Propaderm; Rino-Clenil; Sanasthmax; Sanasthmyl; Viarex; Viarox. Inhalant form used as an antiasthmatic. Also has antiallergic and topical anti-inflammatory properties. mp = 117-120°; $[\alpha]_D = 98.0^\circ$ (c = 1.0 dioxane); $\lambda_m = 238$ nm (ϵ 15990 EtOH). *Schering AG; Key Pharmaceuticals; Glaxo Wellcome Inc.*

1743 Budesonide

51333-22-3 1490 257-139-7
 $C_{25}H_{34}O_6$
 (R,S)-11 β ,16 α ,17,21-Tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17-acetal with butyraldehyde.
 S-1320; Rhinocort; Bidien; Budeson; Cortivent; Micronyl; Preferid; Pulmicort; Spirocort. Anti-inflammatory and antiasthmatic. mp = 221-232° (dec); $[\alpha]_D^{25} = 98.9$ (c = 0.28 CH_2Cl_2). *Astra Chemicals Ltd.; Bofors.*

1744 Bunaprolast

99107-52-5
 $C_{17}H_{20}O_3$
 2-Butyl-4-methoxy-1-naphthol acetate.
 U-66858. Antiasthmatic. *Pharmacia.*

1745 Butixocort

120815-74-9
 $C_{25}H_{36}O_5S$
 11 β ,17-Dihydroxy-21-mercaptopregn-4-ene-3,20-dione 17-butyrate.
 Antiasthmatic; similar to beclomethasone.

1746 Cromitrile Sodium

53736-52-0
 $C_{20}H_{14}N_5NaO_5$
 ($\pm$)-p-[2-Hydroxy-3-[4-oxo-2-(1H-tetrazol-5-yl)-4H-1-benzopyran-5-yl]oxy]propoxy]benzonitrile monosodium salt.
 TR-2855. Antiasthmatic. *Bayer Corp.*

1747 Cromoglicate Lisetil

110816-79-0
 $C_{33}H_{36}N_2O_{12}$
 Diethyl-5,5'-[(2-hydroxytrimethylene)dioxy]bis[4oxo-4H-benzopyran-2-carboxylate] ester with L-lysine.
 Bronchodilator, used as an antiasthmatic.

1748 Cromolyn

16110-51-3 2658 240-279-8
 $C_{23}H_{16}O_{11}$
 5,5'-[(2-Hydroxytrimethylene)dioxy]bis[4-oxo-4H-1-benzopyran-2-carboxylic acid].
 cromoglycic acid; Duracroman. Antiasthmatic and

antiallergic. mp = 241-242° (dec); [monohydrate]: mp = 216-217°. *Bausch & Lomb Pharmaceuticals, Inc.; Fisons Corp.*

1749 Cromolyn Sodium

15826-37-6 2658 239-926-7
 $C_{23}H_{14}Na_2O_{11}$
 Sodium 5,5'-[(2-hydroxytrimethylene)dioxy]bis[4-oxo-4H-1-benzopyran-2-carboxylate].
 Crolom; Gastrocrom; Intal; Nasalcrom; FPL.670; disodium cromoglycate; DSCG; Aarane; Alercrom; Alerion; Allergocrom; Colimmune; Cromovet; Fivent; Gastrofrenal; Inostril; Introl; Irtan; Lomudal; Lomupren; Lomusol; Limuspray; Nalcrom; Nalcron; Nasmil; Opticrom; Opticron; Rynacrom; Sofro; Vividrin.
 Antiasthmatic and antiallergic. Freely soluble in H_2O (10 g/100 ml at 20°); LD_{50} (mus, rat orl) > 8000 mg/kg. *Bausch & Lomb Pharmaceuticals, Inc.; Fisons Corp.*

1750 Dexamethasone

50-02-2 2986 200-003-9
 $C_{22}H_{29}FO_5$
 9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione.
 hexadecadrol; Aeroseb-Dex; Corson; Cortisumman; Decacort; Decaderm; Decadron; Decalix; Decasone; Dekacort; Deltafluorene; Deronil; Deseronil; Dexacortal; Dexacortin; Dexafarma; Dexa-Mamallet; Dexameth; Dexamonozone; Dexapos; Dexa-sine; Dexasone; Dexinoral; Dinormon; Fluormone; Isopto-Dex; Lokalisol F; Loverine; Luxazone; Maxidex; Millicorten; Pet-Derm III; component of: Azimycin, Azium, Deronil, Dexacidin, Fulvidex, Maxitrol, Naquasone, Tobradex, Tresaderm. An antiasthmatic glucocorticoid. Used in diagnosis of Cushing's syndrome and depression. mp = 262-264°, 278-281°; $[\alpha]_D^{25} = 77.5^\circ$ (dioxane); slightly soluble in H_2O (0.010 g/100 ml), soluble in Me_2CO , EtOH, $CHCl_3$. *Allergan, Inc.; Merck & Co., Inc.; Solvay Pharmaceuticals; Organon Inc.; Alcon Labs.; Schering-Plough Animal Health; Schering Corp.; Ciba Vision Ophthalmics; Pharmacia & Upjohn, Inc.*

1751 Dexamethasone 21-Acetate

1177-87-3 2986 214-646-8
 $C_{24}H_{31}FO_6 \cdot H_2O$
 9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-acetate.
 Dalalone D.P.; Dalalone L.A.; Decadronal; Decadron-L.A.; Dectancyl; Dexacortisyl. An antiasthmatic glucocorticoid. Used in diagnosis of Cushing's syndrome and depression. mp = 215-221°, 229-231°, 238-240°; $[\alpha]_D^{25} = 73^\circ$ ($CHCl_3$); $[\alpha]_D = 77.6^\circ$; $\lambda_m = 239$ nm (ϵ 14900). *Forest Pharmaceuticals Inc.; Merck & Co., Inc.*

1752 Dexamethasone 21-Phosphate Disodium Salt

2392-39-4 2986 219-243-0
 $C_{22}H_{28}FNa_2O_8P$
 9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-phosphate disodium salt.
 Dalalone; Decadron Inhalation, Injection, Ophthalmic Solution and Ointment, and Topical Cream; Hexadrol Injectable; Maxidex Ointment; Ak-Dex; Baldex; Colvasone; Dexabene; Dezone; Fortecortin; Oradexon; Orgadron; Solu-Decadron; Soldesam. An antiasthmatic glucocorticoid. Used in diagnosis of Cushing's syndrome

and depression. mp = 233-235°; $[\alpha]_D^{25} = 74^\circ \pm 4^\circ$ (c = 1); $\lambda_m = 238-239$ nm (ϵ 14000); soluble in H₂O. *Forest Pharmaceuticals Inc.; Merck & Co., Inc.; Elkins-Sinn; Organon Inc.; Alcon Labs.*

1753 Enofelast

127035-60-3

C₁₆H₁₅FO

(E)-4'-Fluoro-3,5-dimethyl-4-stilbenol.

BI-L-239. Antiasthmatic. *Boehringer Ingelheim GmbH.***1754 Filaminast**

141184-34-1

C₁₅H₂₀N₂O₄

3'-(Cyclopentylloxy)-4'-methoxyacetophenone (E)-O-carbamoyloxime.

WAY-PDA-641. A selective phosphodiesterase IV inhibitor. Used as an antiasthmatic. *Wyeth-Ayerst Labs.***1755 Flezelastine**

135381-77-0

C₂₉H₃₀FN₃O

(±)-4-(p-Fluorobenzyl)-2-(hexahydro-1-phenethyl-1H-azepin-4-yl)-1(2H)-phthalazinone.

Antiasthmatic and antiallergic.

1756 Flunisolide

3385-03-3

4180

222-193-2

C₂₄H₃₁FO₆·0.5H₂O6α-Fluoro-11β,16α,17,21-tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17 acetal with acetone hemihydrate. Aerobid; Bronalide; Nasalide; RS-3999; Lunis; Rhinalar; Synaclyn; Syntaris. An antiasthmatic glucocorticoid. *Forest Pharmaceuticals Inc.***1757 Flunisolide 21-Acetate**

4533-89-5

4180

224-871-3

C₂₆H₃₃FO₇6α-Fluoro-11β,16α,17,21-tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17 acetal with acetone 21-acetate. RS-1320. An antiasthmatic glucocorticoid. *Syntex Labs. Inc.***1758 Ibudilast**

50847-11-5

4923

C₁₄H₁₈N₂O

1-(2-Isopropylpyrazolo[1,5-a]pyridin-3-yl)-2-methyl-1-propanone.

An antiasthmatic with antiallergic and cerebral vasodilator properties. mp = 53.5-54°; slightly soluble in H₂O, freely soluble in organic solvents; LD₅₀ (mus iv) = 260 mg/kg. *Kyorin Pharmaceutical Co., Ltd.***1759 Iralukast**

151581-24-7

C₃₈H₃₇F₃O₈S

7-[[[(1S,2E,4Z)-9-(4-Acetyl-3-hydroxy-2-propylphenoxy)-1-[(αR)-α-hydroxy-m-(trifluoromethyl)benzyl]-2,4-nonadienyl]thio-4-oxo-4H-1-benzopyran-2-carboxylic acid.

A cysteinyl-leukotriene antagonist, used to treat asthma.

1760 Isamoxole

57067-46-6

C₁₂H₂₀N₂O₂

N-Butyl-2-methyl-N-(4-methyl-2-isoxazolyl)-propionamide.

compound 90606. An antiasthmatic. *Eli Lilly & Co.***1761 Ketotifen**

34580-13-7

5319

252-099-7

C₁₉H₁₉NOS

4,9-Dihydro-4-(1-methyl-4-piperidylidene)-10H-benzo[4,5]cyclohepta[1,2-b]thiophen-10-one.

An antiasthmatic. mp = 152-153°. *Sandoz Pharmaceuticals Corp.***1762 Ketotifen Fumarate**

34580-14-8

5319

252-100-0

C₂₃H₂₃NO₅S

4,9-Dihydro-4-(1-methyl-4-piperidylidene)-10H-benzo[4,5]cyclohepta[1,2-b]thiophen-10-one fumarate.

Zaditen; HC-20511; HC-20511 fumarate; Allerlif; Totifen; Zasten. An antiasthmatic. mp = 192° (dec). *Sandoz Pharmaceuticals Corp.***1763 Levromakalim**

94535-50-9

5487

C₁₆H₁₈N₂O₃

(3S,4R)-3-Hydroxy-2,2-dimethyl-4-(2-oxo-1-pyrrolidinyl)-6-chromancarbonitrile.

BRL-38227; BRL-34915 [(±)-form]; cromakalim. Antihypertensive and antiasthmatic. mp = 242-244°; $[\alpha]_D^{26} = -52.2^\circ$ (c = 1 CHCl₃); [(+)-form]: mp = 243-245°; $[\alpha]_D^{26} = 53.5$ (c = 1 CHCl₃); [(±)-form]: mp = 230-231°. *SmithKline Beecham Pharmaceuticals.***1764 Lodoxamide**

53882-12-5

5585

C₁₁H₆ClN₃O₆

N,N'-(2-Chloro-5-cyano-m-phenylene)dioxamic acid.

Antiallergic and antiasthmatic. Used for topical treatment of allergic conjunctivitis. mp = 212° (dec); $\lambda_m = 239.5$ nm (ϵ 23800 0.1N NaOH). *Pharmacia.***1765 Lodoxamide Ethyl**

53882-13-6

5585

C₁₅H₁₄ClN₃O₆Diethyl N,N'-(2-chloro-5-cyano-m-phenylene)dioxamate. U-42718. Antiallergic and antiasthmatic. Used for topical treatment of allergic conjunctivitis. mp = 177-190°. *Pharmacia.***1766 Lodoxamide Tromethamine**

63610-09-3

5585

C₁₉H₂₈N₄O₉

N,N'-(2-Chloro-5-cyano-m-phenylene)dioxamic acid compound with 2-amino-2-(hydroxymethyl)-1,3-propanediol.

Alomide; U-42585E. Antiallergic and antiasthmatic. Used for topical treatment of allergic conjunctivitis. *Pharmacia; Alcon Labs.***1767 Montelukast**

158966-92-8

6340

C₃₅H₃₆ClNO₃S

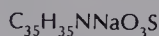
1-[[[(R)-m-[(E)-2-(7-Chloro-2-quinolyl)vinyl]-α-[o-(1-hydroxy-1-methylethyl)phenethyl]benzyl]thio]methyl]-cyclopropane acetic acid.

Selective leukotriene D₄ receptor antagonist. Used as an

antiasthmatic. *Merck & Co., Inc.*

1768 Montelukast Monosodium Salt

151767-02-1 6340

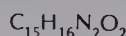


Sodium 1-[[[(R)-m-[(E)-2-(7-chloro-2-quinolyl)vinyl]-α-(1-hydroxy-1-methylethyl)phenethyl]benzyl]thio]methyl]-cyclopropane acetate.

Singular; MK-476. Selective leukotriene D₄ receptor antagonist. Used as an antiasthmatic. *Merck & Co., Inc.*

1769 Nafagrel

97901-21-8

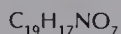


(±)-5,6,7,8-Tetrahydro-6-(imidazol-1-ylmethyl)-2-naphthoic acid.

DP-1904. Selective thromboxane synthetase inhibitor. Antiasthmatic.

1770 Nedocromil

69049-73-6 6524

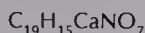


9-Ethyl-6,9-dihydro-4,6-dioxo-10-propyl-4H-pyrano[3,2-g]quinoline-2,8-dicarboxylic acid.

FPL-59002. Antiallergic and antiasthmatic. mp = 298-300° (dec). *Fisons Corp.*

1771 Nedocromil Calcium Salt

101626-68-0 6524



Calcium 9-ethyl-6,9-dihydro-4,6-dioxo-10-propyl-4H-pyrano[3,2-g]quinoline-2,8-dicarboxylate.

FPL-59002KC. Antiallergic and antiasthmatic. *Fisons Corp.*

1772 Nedocromil Disodium Salt

69049-74-7 6524



Sodium 9-ethyl-6,9-dihydro-4,6-dioxo-10-propyl-4H-pyrano[3,2-g]quinoline-2,8-dicarboxylate.

Tilade; FPL-59002KP; Raptil; Tilarin. Antiallergic and antiasthmatic. *Fisons Corp.*

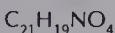
1773 Osanetant

160492-56-8

SR-142801. A tachykinin NK₃ receptor antagonist. Reduces histamine-induced airway hyperresponsiveness.

1774 Oxarbazole

35578-20-2

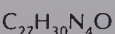


9-Benzoyl-1,2,3,4-tetrahydro-6-methoxycarbazole-3-carboxylic acid.

Win-34284. An antiasthmatic. *Sterling Research Labs.*

1775 Oxatimide

60607-34-2 7058

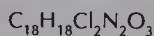


1-[3-[4-(Diphenylmethyl)-1-piperazinyl]propyl]-2-benzimidazolinone.

R-35443; Cellect; Cobiona; Dasten; Tinset. Antiallergic and antiasthmatic. mp = 153.6°; LD₅₀ (gpg orl) = 320 mg/kg, (gpg iv) = 23 mg/kg, (mus orl) > 2560 mg/kg, (mus iv) = 27 mg/kg, (rat orl) > 2560 mg/kg, (rat iv) = 30 mg/kg. *Janssen Pharmaceutical, Belgium.*

1776 Piclamilast

144035-83-6

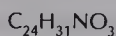


3-(Cyclopentyloxy)-N-(3,5-dichloro-4-pyridyl)-p-anisamide.

RP-73401. A selective phosphodiesterase IV inhibitor. Used as an antiasthmatic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

1777 Pipoxizine

55837-21-3



2-[2-[2-(4-

(Diphenylmethylene)piperidino]ethoxy]ethoxy]ethanol.

Antiasthmatic.

1778 Piriprost

79672-88-1

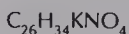


(4R,5R)-1,4,5,6-Tetrahydro-5-hydroxy-4-[(E)(3S)-3-hydroxy-1-octenyl]-1-phenylcyclopenta[b]pyrrole-2-valeric acid.

U-60257. An antiasthmatic. *Pharmacia.*

1779 Piriprost Potassium

88851-62-1

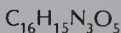


Potassium (4R,5R)-1,4,5,6-tetrahydro-5-hydroxy-4-[(E)(3S)-3-hydroxy-1-octenyl]-1-phenylcyclopenta[b]pyrrole-2-valerate.

U-60257B. An antiasthmatic. *Pharmacia.*

1780 Pirolate

55149-05-8



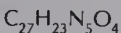
Ethyl 1,4-dihydro-7,8-dimethoxy-4-oxopyrimido[4,5-b]quinoline-2-carboxylate.

CP-32287. An antiasthmatic. *Pfizer Inc.*

1781 Pranlukast

103177-37-3

7889



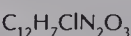
N-[4-Oxo-2-(1H-tetrazol-5-yl)-4H-1-benzopyran-8-yl]-p-(4-phenylbutoxy)benzamide.

ONO-1078; ONO-RS-411; Onon; SB-205312. A leukotriene antagonist used as an antiasthmatic.

[hemihydrate]: mp = 244-245°; LD₅₀ (mmus iv) > 1000 mg/kg. *Ono Pharmaceutical Co., Ltd.*

1782 Quazolast

86048-40-0



Methyl 5-chlorooxazolo[4,5-h]quinoline-2-carboxylate.

RHC-3988. A mediator release inhibitor used as an antiasthmatic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

1783 Quiflapon

136668-42-3



3-(tert-Butylthio)-1-(p-chlorobenzyl)-α,α-dimethyl-5-(2-quinolylmethoxy)indole-2-propionic acid.

An antiasthmatic also used to suppress inflammatory bowel disease. *Merck & Co., Inc.*

1784 Quiflapon Sodium

147030-01-1



Sodium 3-(tert-butylthio)-1-(p-chlorobenzyl)- α,α -dimethyl-5-(2-quinolylmethoxy)indole-2-propionate. MK-591. An antiasthmatic also used to suppress inflammatory bowel disease. *Merck & Co., Inc.*

1785 Ramatroban

116649-85-5

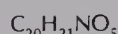


(3R)-3-(4-Fluorophenylsulfonamido)-1,2,3,4-tetrahydro-9-carbazole lepropanoic acid. BAY-u3405. A thromboxane A₂ receptor antagonist. Antithrombotic antiasthmatic. *Bayer AG.*

1786 Repirinast

73080-51-0

8305

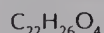


Isopentyl 5,6-dihydro-7,8-dimethyl-4,5-dioxo-4H-pyrano[3,2-c]quinoline-2-carboxylate. MY-5116; Romet. An antiasthmatic with antiallergic properties. mp = 236-241°; LD₅₀ (rat orl) > 5000 mg/kg, (rat sc) > 5000 mg/kg, (mus orl) > 5000 mg/kg, (mus sc) > 5000 mg/kg. *Mitsubishi Kasei.*

1787 Seratodrast

112665-43-7

8603



(±)-2,4,5-Trimethyl-3,6-dioxo- ζ -phenyl-1,4-cyclohexadiene-1-heptanoic acid. AA-2414; A-73001; Abbott-73001; ABT-001. A thromboxane A₂-receptor antagonist. Used as an antiasthmatic. mp = 128-129°. *Abbott Labs.*

1788 Suplatast Tosilate

94055-76-2

9178



(±)-[2-[[p-(3-Ethoxy-2-hydroxypropoxy)phenyl]-carbamoyl]ethyl] dimethylsulfonium p-toluenesulfonate. IPD-1151T. Inhibits interleukin-4 gene expression. Used as an antiasthmatic and antiallergic. mp = 70-73°; LD₅₀ (mmus iv) = 81 mg/kg, (fmsus iv) = 96 mg/kg, (mrat iv) = 96 mg/kg, (frat iv) = 93 mg/kg, (mus orl) > 12500 mg/kg, (rat orl) > 10000 mg/kg. *Taiho.*

1789 Tetrazolast Meglumine

133008-33-0



4-(1H-Tetrazol-5-yl)tetrazolo[1,5-a]quinoline compound with 1-deoxy-1-(methylamino)-D-glucitol (1:1). MDL-26024C0. Used as an antiasthmatic and antiallergic. *Merrell Dow Pharmaceuticals Inc.*

1790 Tiaramide

32527-55-2

9564

251-083-7



4-[(5-Chloro-2-oxo-3-benzothiazolyl)acetyl]-1-piperazineethanol. Antiasthmatic, antiallergic and anti-inflammatory. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

1791 Tiaramide Hydrochloride

35941-71-0

9564

252-802-7



4-[(5-Chloro-2-oxo-3-benzothiazolyl)acetyl]-1-

piperazineethanol hydrochloride.

Antiasthmatic, antiallergic and anti-inflammatory mp = 159-161°; very soluble in H₂O, slightly soluble in organic solvents; LD₅₀ (mmus iv) = 178 mg/kg, (mmus ip) = 298 mg/kg, (mmus orl) = 564 mg/kg, (mrat iv) = 203 mg/kg, (mrat ip) = 540 mg/kg, (mrat orl) = 3600 mg/kg. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

1792 Tibenelast Sodium

105102-18-9

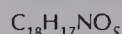


Sodium 5,6-diethoxybenzo[b]thiophene-2-carboxylate. LY-186655. A bronchodilator and antiasthmatic. *Eli Lilly & Co.*

1793 Tranilast

53902-12-8

9705



N-(3,4-Dimethoxycinnamoyl)anthranilic acid. MK-341; N-5'; Rizaben. An antiasthmatic and antiallergic. mp = 211-213°; LD₅₀ (mmus orl) = 780 mg/kg, (mmus ip) = 410 mg/kg, (mmus sc) = 2630 mg/kg, (fmsus orl) = 680 mg/kg, (fmsus ip) = 385 mg/kg, (fmsus sc) = 2820 mg/kg, (mrat orl) = 1600 mg/kg, (mrat ip) = 405 mg/kg, (mrat sc) = 3630 mg/kg, (frat orl) = 1100 mg/kg, (frat ip) = 395 mg/kg, (frat sc) = 3060 mg/kg. *Kissei.*

1794 Traxanox

58712-69-9

9711



9-Chloro-7-(1H-tetrazol-5-yl)-5H-[1]-benzopyrano[2,3-b]pyridine-5-one. An antiasthmatic and antiallergic. mp > 300°. *Yoshitomi.*

1795 Triamcinolone Acetonide

76-25-5

9728

200-948-7



9-Fluoro-11 β ,16 α ,17,21-tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17-acetal with acetone. Aristocort; Aristocort A; Azmacort; Kenalog; Nasacort; Nasacort AQ; Panolog Ointment; TAC-3; Triacet; Triammonide 40; Trymex; Vetalog; Adcortyl; Delphicort; Extracort; Ftorocort; Kenacort A; Kenalog; Ledercort Cream; Respicort; Rineton; Solodelf; Tramasin; Triam; Tricnolon; Volon A; Volonimat; component of: Mycolog II, MycoTriacet II, Mytrex. A glucocorticoid used as an antiasthmatic (inhaled) and a nasal antiallergic. mp = 292-294°; [α]_D²³ = 109° (c = 0.75 CHCl₃); λ_m = 238 nm (ϵ 14600 EtOH); sparingly soluble in MeOH, Me₂CO, EtOAc. *Fujisawa USA, Inc.; Bristol-Myers Squibb Co.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Apoticon; Solvay Animal Health, Inc.; 3M Co.; Lemmon Co.; Savage Labs.; American Cyanamid.*

1796 Verofylline

66172-75-6

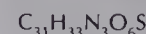


(±)-1,8-Dimethyl-3-(2-methylbutyl)xanthine. CK-0383. A bronchodilator and antiasthmatic.

1797 Zafirlukast

107753-78-6

10241

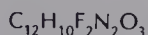


Cyclopentyl-3-[2-methoxy-4-[(o-tolylsulfonyl)-carbamoyl]benzyl]-1-methylindole-5-carbamate. Accolate; ICI-204219. A leukotriene D₄ antagonist. Used

as an antiasthmatic. mp = 138-140°. *Zeneca Pharmaceuticals*.

1798 Zardaverine

101975-10-4



6-[4-(Difluoromethoxy-3-methoxyphenyl)-3(2H)-pyridazinone.

Dual phosphodiesterase 3/4 inhibitor. Inhibits the proliferation of human peripheral blood mononuclear cells. Bronchodilator; antiasthmatic.

1799 Zileuton

111406-87-2

10253

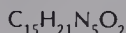


(±)-1-(1-Benzo[b]thien-2-ylethyl)-1-hydroxyurea.

Zyflo; Abbott 64077; Leutrol. A 5-lipoxygenase inhibitor. Used as an antiasthmatic and anti-inflammatory. mp = 157-158°. *Abbott Labs*.

Antibiotics, 2,4-Diaminopyrimidine**1800 Aditoprim**

56066-63-8

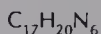


2,4-Diamino-5-[4-(dimethylamino)-3,5-dimethoxybenzyl]pyrimidine.

Antibacterial.

1801 Baquiloprim

102280-35-3



5-[(2,4-Diamino-5-pyrimidinyl)methyl]-8-(dimethylamino)-7-methylquinoline.

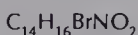
Diaminopyrimidine antibacterial.

1802 Brodimoprim

56518-41-3

1401

260-238-8

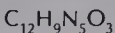


2,4-Diamino-5-(4-bromo-3,5-dimethoxybenzyl)-pyrimidine.

Ro-105970; Hyprim; Unitrim. Dihydrofolate reductase inhibitor. A 2,4-diaminopyrimidine antibiotic. mp = 225-228°. *Hoffmann-LaRoche Inc.*

1803 Ciadox

65884-46-0



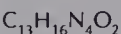
Cyanoacetic acid (2-quinoxalinylmethylene)hydrazide N^1, N^4 -dioxide.

Antibacterial.

1804 Diaveridine

5355-16-8

226-333-3

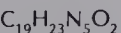


5-[(3,4-Dimethoxyphenyl)methyl]-2,4-pyrimidinediamine.

BW-49-210; NSC-408735. A 2,4-diaminopyrimidine antibiotic. *Glaxo Wellcome Inc.*

1805 Epioprim

73090-70-7



2,4-Diamino-5-(3,5-diethoxy-4-pyrrol-1-ylbenzyl)-pyrimidine.

Antibacterial.

1806 Metioprim

68902-57-8



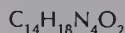
5-[[3,5-Dimethoxy-4-(methylthio)phenyl]methyl]-2,4-pyrimidinediamine.

A 2,4-diaminopyrimidine antibiotic. *Heumann Pharma GmbH*.

1807 Ormetoprim

6981-18-6

230-246-6



5-[(4,5-Dimethoxy-2-methylphenyl)methyl]-2,4-pyrimidinediamine.

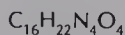
Ro-5-9754; NSC-95072. A 2,4-diaminopyrimidine antibiotic. *Hoffmann-LaRoche Inc.*

1808 Tetroxoprim

53808-87-0

9386

258-789-4



5-[[3,5-Dimethoxy-4-(2-methoxyethoxy)phenyl]methyl]-2,4-pyrimidinediamine.

HE-781. A 2,4-diaminopyrimidine antibiotic. mp = 153-156°, 160.1°; soluble in H_2O (0.265 g/100 ml at 28°), CHCl_3 (6.90 g/100 ml), n-octanol (0.161 g/100 ml); LD_{50} (rat orl) = 1357 mg/kg. *Heumann Pharma GmbH*.

1809 Tetroxoprim Mixture with Sulfadiazine

73173-12-3

9386

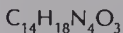
co-tetroxazine; Biroxin; Sterinor; Tibirox; Troximin. A 2,4-diaminopyrimidine antibiotic. *Heumann Pharma GmbH*.

1810 Trimethoprim

738-70-5

9840

212-006-2



5-[(3,4,5-Trimethoxyphenyl)methyl]-2,4-pyrimidinediamine.

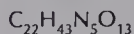
Instalac; Monotrim; Proloprim; Syraprim; Tiempe; Trimanyl; Trimogal; Trimopan; Trimpep; Uretrim; Wellcoprim. A 2,4-diaminopyrimidine antibiotic. mp = 199-203°; soluble in dimethylacetamide (13.86 g/100 ml), benzyl alcohol (7.29 g/100 ml), propylene glycol (2.57 g/100 ml), CHCl_3 (1.82 g/100 ml), MeOH (1.21 g/100 ml), H_2O (0.04 g/100 ml), Et_2O (0.003 g/100 ml), C_6H_6 (0.002 g/100 ml); LD_{50} (mus orl) = 7000 mg/kg. *Glaxo Wellcome Inc.; Hoffmann-LaRoche Inc.*

Antibiotics, Aminoglycoside**1811 Amikacin**

37517-28-5

425

253-538-5



(S)-O-3-Amino-3-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 6)-O-[6-amino-6-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)]-N¹-(4-amino-2-hydroxy-1-oxobutyl)-2-deoxy-D-streptamine.

Lukadin. Aminoglycoside antibiotic. Antibacterial. Amikacin is used in combination with other drugs to treat *mycobacterium avium* complex (MAC). Recent Public Health Service recommendations suggest either clarithromycin or azithromycin as the first line treatment for MAC, along with at [sesquihydrate]: mp = 203-204°; $[\alpha]_D^{23} = 99^\circ$ (c = 1 H_2O); LD_{50} (mus iv pH 6.6) = 7.4 mg/kg,

(mus iv pH 7.4) = 560 mg/kg. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

1812 Amikacin Sulfate

39831-55-5 425 254-648-6
 $C_{22}H_{43}N_5O_{13} \cdot 2H_2SO_4$
 (S)-O-3-Amino-3-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 6)-O-[6-amino-6-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)]-N¹-(4-amino-2-hydroxy-1-oxobutyl)-2-deoxy-D-streptamine sulfate.
 Amikin; Amiklin; BB-K8; Biklin; Fabianol; Kaminax; Mikavir; Novamin; Pierami; Amiglyde-V; Amikavet.
 Aminoglycoside antibiotic. Antibacterial. Amikacin is used in combination with other drugs to treat *Mycobacterium avium* complex (MAC). Recent Public Health Service recommendations suggest either clarithromycin or azithromycin as the first line treatment for MAC, along with at Amorphous solid; dec = 220-230°; $[\alpha]_D^{22} = +74.75^\circ$ (H_2O). *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

1813 Apramycin

37321-09-8 792 253-460-1
 $C_{21}H_{41}N_5O_{11}$
 O-4-Amino-4-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 8)-O-(8R)-2-amino-2,3,7-trideoxy-7-(methylamino)-D-glycero- α -allo-octodialdo-1,5:8,4-dipyransyl-(1 $\rightarrow$ 4)-2-deoxy-D-streptamine.
 nebramycin factor 2; EL-857; EL-857/820; 47657; Ambylan; Apralan. Aminoglycoside antibiotic.
 [monohydrate]: mp = 245-247°; pKa (H_2O): 8.5, 7.8, 6.2, 5.4; very soluble in H_2O , slightly soluble in lower alcohols. *Eli Lilly & Co.*

1814 Arbekacin

51025-85-5 809
 $C_{22}H_{44}N_6O_{10}$
 (S)-O-3-Amino-3-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 6)-O-[2,6-diamino-2,3,4,6-tetradeoxy- α -D-erythro-hexopyranosyl-(1 $\rightarrow$ 4)]-N¹-(4-amino-2-hydroxy-1-oxobutyl)-2-deoxy-D-streptamine.
 AHB-DKB; HABA-DKB; HBK; 1665-RB; Habekacin.
 Aminoglycoside antibiotic. [dicarbonate ($C_{24}H_{48}N_6O_{16}$)]: mp = 178° (dec); $[\alpha]_D^{24} = 86.8^\circ$ (c = 0.77 H_2O); LD₅₀ (mus iv) > 150 mg/kg. *Microbiochem. Res. Found.*

1815 Astromicin

55779-06-1 4276
 $C_{17}H_{35}N_5O_6$
 4-Amino-1-[(aminoacetyl)methylamino]-1,4-dideoxy-3-O-(2,6-diamino-2,3,4,6,7-pentadeoxy- β -L-lyxo-heptopyranosyl)-6-O-methyl-L-chiro-inositol.
 Abbott 44747; Fortimicin A. Aminoglycoside antibiotic complex produced by *Micromonospora olivoasterospora*. Mixture of Fortimicin A and Fortimicin B. mp > 200° (dec); $[\alpha]_D^{25} = 87.5^\circ$ (c = 0.1 H_2O); soluble in H_2O , MeOH, EtOH; insoluble in organic solvents; [sulfate salt]: LD₅₀ (mus iv) = 380 mg/kg, (mus sc) = 400 mg/kg. *Abbott Labs.; Kyowa Hakko Kogyo Co., Ltd.*

1816 Astromicin Sulfate

72275-67-3
 4-Amino-1-[(aminoacetyl)methylamino]-1,4-dideoxy-3-O-(2,6-diamino-2,3,4,6,7-pentadeoxy- β -L-lyxo-heptopyranosyl)-6-O-methyl-L-chiro-inositol sulfate.

Aminoglycoside antibiotic.

1817 Bambermycins

11015-37-5 979 234-246-7
 Bambermycins.
 Moenomycin; flavophospholipol; Flavomycin.
 Aminoglycoside antibiotic. Antibiotic complex containing moenomycins A, B₁, B₂ and C. Dec $\approx$ 200°; λ_m 258 nm ($\epsilon_{1\%}^{1\text{cm}}$ 60 H_2O pH 7); soluble in H_2O , MeOH, DMF; less soluble in EtOH, PrOH; slightly soluble in Et₂O, EtOAc; insoluble in C_6H_6 , $CHCl_3$; LD₅₀ (mus orl, sc, ip) > 2000mg/kg, (mus iv) = 1400 mg/kg. *Hoechst.*

1818 Bekanamycin

4696-76-8 5293
 $C_{18}H_{37}N_5O_{10}$
 Kanamycin B.
 aminodeoxykanamycin; NK-1006. Aminoglycoside antibiotic. mp = 178-182° (dec); $[\alpha]_D^{18} = +130^\circ$ (c = 0.5 H_2O); $[\alpha]_D^{21} = +114^\circ$ (c = 0.98 in H_2O); soluble in H_2O , formamide; slightly soluble in $CHCl_3$, iPrOH; insoluble in common alcohols, nonpolar solvents; LD₅₀ (mus iv) = 136 mg/kg. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.; Merck & Co., Inc.*

1819 Betamycin

36889-15-3
 $C_{19}H_{38}N_4O_{10}$
 O-6-Amino-6-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-[3-deoxy-4-C-methyl-3-(methylamino)- β -L-arabinopyranosyl-(1 $\rightarrow$ 6)-2-deoxy-D-streptamine.
 Aminoglycoside antibiotic. *Schering Corp.*

1820 Betamycin Sulfate

43169-50-2
 $C_{19}H_{38}N_4O_{10} \cdot xH_2SO_4$
 O-6-Amino-6-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-[3-deoxy-4-C-methyl-3-(methylamino)- β -L-arabinopyranosyl-(1 $\rightarrow$ 6)-2-deoxy-D-streptamine sulfate.
 Sch-14342. Aminoglycoside antibiotic. *Schering Corp.*

1821 Butikacin

59733-86-7
 $C_{22}H_{45}N_5O_{12}$
 O-3-Amino-3-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 6)-O-[6-amino-6-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)]-N¹-[(S)-4-amino-2-hydroxybutyl]-2-deoxy-D-streptamine.
 UK-18892. Aminoglycoside antibiotic. *Pfizer Inc.*

1822 Butirosin

12772-35-9 1559
 $C_{21}H_{41}N_5O_{12}$
 O-2,6-Diamino-2,6-dideoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-[β -D-xylofuranosyl-(1 $\rightarrow$ 5)]-N¹-(4-amino-2-hydroxy-1-oxobutyl)-2-deoxy-D-streptamine.
 Ambutyrosin. Aminoglycoside antibiotic. Antibiotic complex obtained from *Bacillus circulans* and containing two major components, Butirosin A (80-85%) and Butirosin B (15-20%). *Parke-Davis.*

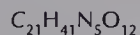
1823 Butirosin A

34291-02-6 1559
 $C_{21}H_{41}N_5O_{12}$
 (S)-O-2,6-Diamino-2,6-dideoxy- α -D-glucopyranosyl-

(1→4)-O-[β-D-xylofuranosyl-(1→5)]-N¹-(4-amino-2-hydroxy-1-oxobutyl)-2-deoxy-D-streptamine.
Aminoglycoside antibiotic. Melts over a range from 149°; $[\alpha]_D^{25} = 26^\circ$ (c = 1.46 H₂O). Parke-Davis.

1824 Butirosin B

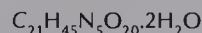
34291-03-7 1559



1-N-[(S)-4-Amino-2-(hydroxybutyryl)]ribosestamycin.
Aminoglycoside antibiotic. Melts over a range from 146°; $[\alpha]_D^{25} = 33^\circ$ (c = 1.50 H₂O). Parke-Davis.

1825 Butirosin Sulfate Dihydrate

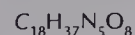
51022-98-1 1559



O-2,6-Diamino-2,6-dideoxy-α-D-glucopyranosyl-(1→4)-O-[β-D-xylofuranosyl-(1→5)]-N¹-(4-amino-2-hydroxy-1-oxobutyl)-2-deoxy-D-streptamine sulfate dihydrate.
Cl-642. Aminoglycoside antibiotic. No sharp mp, dec $\approx 225^\circ$; $[\alpha]_D^{25} = +29^\circ$ (c = 2 in H₂O); pK_ag (H₂O) = 5.5, 7.2, 8.5, 9.4; very soluble in H₂O, moderately soluble in MeOH, slightly soluble in EtOH; LD₅₀ (mus iv) = 450-500 mg/kg. Parke-Davis.

1826 Dibekacin

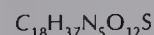
34493-98-6 3052 252-064-6



O-3-Amino-3-deoxy-α-D-glucopyranosyl-(1→6)-O-[2,6-diamino-2,3,4,6-tetradeoxy-α-D-erythro-hexopyranosyl-(1→4)]-2-deoxy-D-streptamine.
DKB; 3', 4'-dideoxykanamycin B; debecacin.
Aminoglycoside antibiotic. $[\alpha]_D^{20} = +132^\circ$ (c = 0.65); LD₅₀ (mus iv) = 61.0-68.0 mg/kg, (mus ip) = 373.0-380.0 mg/kg. Allen & Hanbury; Microbiochem. Res. Found.

1827 Dibekacin Sulfate

58580-55-5 3052 261-341-0



O-3-Amino-3-deoxy-α-D-glucopyranosyl-(1→6)-O-[2,6-diamino-2,3,4,6-tetradeoxy-α-D-erythro-hexopyranosyl-(1→4)]-2-deoxy-D-streptamine sulfate.
Débékacyl; Icacin; Kappabi; Orbicin; Panamicin; Panimycin; Tokocin. Aminoglycoside antibiotic. Soluble in H₂O, insoluble in organic solvents. Allen & Hanbury; Microbiochem. Res. Found.

1828 Dihydrostreptomycin

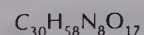
128-46-1 3222 204-888-2



O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-(hydroxymethyl)-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine.
DHSM; DST; Abiocine; Vibriomycin. Aminoglycoside antibiotic. mp > 300°. American Cyanamid; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Heyden Chemical; Merck & Co., Inc.; Olin Research Ctr.; Pfizer Inc.; Takeda; Schenley.

1829 Dihydrostreptomycin Pantothenate

3563-84-6 3222 222-637-5



O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-(hydroxymethyl)-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine

pantothenate.

Didrothenat; Pantostrep. Aminoglycoside antibiotic.
American Cyanamid; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Heyden Chemical; Merck & Co., Inc.; Olin Research Ctr.; Pfizer Inc.; Takeda; Schenley.

1830 Dihydrostreptomycin Sesquisulfate

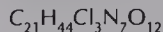
5490-27-7 3222 226-823-7



O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-(hydroxymethyl)-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine sesquisulfate.
Didromycine; Double-mycin; Sol-Mycin; Streptomagna.
Aminoglycoside antibiotic. Dec 255-265°; $[\alpha]_D^{25} = -88.5^\circ$ (c = 1); very soluble in H₂O (> 2g/100 ml); less soluble in MeOH (0.035 g/100 ml), EtOH (0.010 g/100 ml). American Cyanamid; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Heyden Chemical; Merck & Co., Inc.; Olin Research Ctr.; Pfizer Inc.; Takeda; Schenley.

1831 Dihydrostreptomycin Trihydrochloride

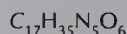
6533-54-6 3222



O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-(hydroxymethyl)-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine trihydrochloride.
Aminoglycoside antibiotic. Dec 190-195°; soluble in MeOH (> 100 g/100 ml). American Cyanamid; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Heyden Chemical; Merck & Co., Inc.; Olin Research Ctr.; Pfizer Inc.; Takeda; Schenley.

1832 Fortimicin A

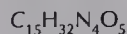
55779-06-1 4276



4-Amino-1-[(aminoacetyl)methylamino]-1,4-dideoxy-3-O-(2,6-diamino-2,3,4,6,7-pentadeoxy-β-L-lyxo-heptopyranosyl)-6-O-methyl-L-chiro-inositol.
Astromicin; Abbott 44747. Aminoglycoside antibiotic. mp > 200° (dec); $[\alpha]_D^{25} = 87.5^\circ$ (c = 0.1 H₂O); soluble in H₂O, MeOH, EtOH; insoluble in organic solvents; [sulfate salt]; LD₅₀ (mus iv) = 380 mg/kg, (mus sc) = 400 mg/kg. Abbott Labs.; Kyowa Hakko Kogyo Co., Ltd.

1833 Fortimicin B

54783-95-8 4276



4-Amino-1,4-dideoxy-3-O-(2,6-diamino-2,3,4,6,7-pentadeoxy-β-L-lyxo-heptopyranosyl)-6-O-methyl-1-(methylamino)-L-chiro-inositol.
Aminoglycoside antibiotic. mp = 101-03°; $[\alpha]_D^{25} = 22.2^\circ$ (c = 0.1 H₂O); soluble in H₂O, MeOH, EtOH; insoluble in organic solvents. Abbott Labs.; Kyowa Hakko Kogyo Co., Ltd.

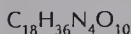
1834 Gentamicin

1403-66-3 4398 215-765-8

gentamycin. Aminoglycoside antibiotic. Antibiotic complex produced by *Micromonospora purpurea*. Contains Gentamicin C₁, C₂ and C_{1a} and also Gentamicin A. Schering Corp.

1835 Gentamicin A

13291-74-2 4398

O-2-Amino-2-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-[3-deoxy-3-(methylamino)- α -D-xylopyranosyl-(1 $\rightarrow$ 6)]-2-deoxy-D-streptamine.

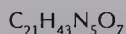
Aminoglycoside antibiotic. Schering Corp.

1836 Gentamicin C Complex Sulfate

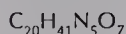
1405-41-0 4398 215-778-9

Alcomycin; Bristagen; Cidomycin; Duragentam; Garamycin; Garasol; Genoptic; Gentacin; Gentak; Gentalline; Gentalyne; Gentibiopthal; Genticin; Gentocin; Gentogram; Gent-Ophtal; Gentrasul; Lugacin; Nichogencin; Ophtagram; Pangram; Refobacin; Septopal; Sulmycin; U-gencin. Aminoglycoside antibiotic. mp = 218-237°; $[\alpha]_D^{25} = 102^\circ$; soluble in ethylene glycol, formamide; LD₅₀ (mus ip) = 430 mg/kg, (mus sc) = 485 mg/kg, (mus orl) > 9050 mg/kg. Schering Corp.**1837 Gentamicin C₁**

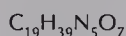
25876-10-2 4398

Aminoglycoside antibiotic. mp = 94-100°; $[\alpha]_D^{25} = 158^\circ$. Schering Corp.**1838 Gentamicin C_{1a}**

26098-04-4 4398

Aminoglycoside antibiotic. mp = 107-124°; $[\alpha]_D^{25} = 160^\circ$. Schering Corp.**1839 Gentamicin C₂**

25876-11-3 4398

O-3-Deoxy-4-C-methyl-3-(methylamino)- β -L-arabinopyranosyl-(1 $\rightarrow$ 6)-O-[2,6-diamino-2,3,4,6-tetradeoxy- α -D-erythro-hexopyranosyl-(1 $\rightarrow$ 4)]-2-deoxy-D-streptamine.

Aminoglycoside antibiotic. Schering Corp.

1840 Heliomycin

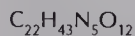
11029-70-2



resistomycin; Kanamycin A sulfate. Antibacterial.

1841 Isepamicin

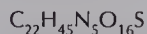
58152-03-7 5121 261-143-4

(S)-O-6-Amino-6-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-[3-deoxy-4-C-methyl-3-(methylamino)- β -L-arabinopyranosyl-(1 $\rightarrow$ 6)]-N¹-(3-amino-2-hydroxy-1-oxopropyl)-2-deoxy-D-streptamine.

HAPA-B; Sch-21420. Aminoglycoside antibiotic. Schering Corp.

1842 Isepamicin Sulfate

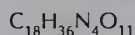
67814-76-0 5121

(S)-O-6-Amino-6-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-[3-deoxy-4-C-methyl-3-(methylamino)- β -L-arabinopyranosyl-(1 $\rightarrow$ 6)]-N¹-(3-amino-2-hydroxy-1-oxopropyl)-2-deoxy-D-streptamine sulfate.Exacin; Isepacin. Aminoglycoside antibiotic. $[\alpha]_D^{26} =$ 110.9° (c = 1 H₂O); LD₅₀ (mmus iv) = 234 mg/kg, (mmus sc) = 3312 mg/kg, (mmus orl) > 5000 mg/kg, (fmsus iv) = 236 mg/kg, (fmsus sc) = 3320 mg/kg, (fmsus orl) > 5000 mg/kg, (mrat iv) = 489 mg/kg, (mrat sc) = 3451, (mrat orl) > 5000 mg/kg, (frat iv) = 476 mg/kg, (frat sc) = 3392 mg/kg, (frat orl) > 5000 mg/kg. Schering Corp.**1843 Kanamycin**

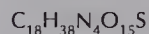
8063-07-8 5293 232-512-7

Antibiotic complex produced by *Streptomyces kanamyceticus* and consisting of three main components, kanamycin A, B and C. Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Merck & Co., Inc.; SmithKline Beecham Pharmaceuticals.**1844 Kanamycin A**

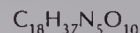
59-01-8 5293 200-411-7

O-3-Amino-3-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 6)-O-[6-amino-6-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)]-2-deoxy-D-streptamine.Antibiotic complex produced by *Streptomyces kanamyceticus* and consisting of three main components, kanamycin A, B and C. $[\alpha]_D^{24} = +146^\circ$ (0.1 N H₂SO₄); LD₅₀ (mus iv) = 583 mg/kg. Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Merck & Co., Inc.; SmithKline Beecham Pharmaceuticals.**1845 Kanamycin A Sulfate**

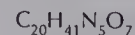
25389-94-0 5293 246-933-9

O-3-Amino-3-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 6)-O-[6-amino-6-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)]-2-deoxy-D-streptamine sulfate.Cantrex; Cristalomicina; Enterokanacin; Kamycin; Kasmynex; Kanabristol; Kanacedin; Kanamytrex; Kanasig; Kanatrol; Kanicin; Kannasyn; Kantrex; Kantrox; Klebcil; Otokalixin; Resistomycin; Ophtalmokalixan; Kantrexil; Kano; Kanescin; Kanaqua; component of: Amforol. Aminoglycoside antibiotic. Dec > 250°; freely soluble in H₂O; insoluble in most organic solvents; LD₅₀ (mus orl) = 20700 mg/kg, (mus ip) = 1450 mg/kg. Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Merck & Co., Inc.; SmithKline Beecham Pharmaceuticals.**1846 Kanamycin B**

4696-76-8 5293 225-170-5

bekanamycin; aminodeoxykanamycin; NK-1006. Aminoglycoside antibiotic. mp = 178-182° (dec); $[\alpha]_D^{18} = +130^\circ$ (c = 0.5 H₂O); $[\alpha]_D^{21} = +114^\circ$ (c = 0.98 in H₂O); soluble in H₂O, formamide; slightly soluble in CHCl₃, iPrOH; insoluble in common alcohols, nonpolar solvents; LD₅₀ (mus iv) = 136 mg/kg. Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Merck & Co., Inc.; SmithKline Beecham Pharmaceuticals.**1847 Micronomicin**

52093-21-7 6269

O-2-Amino-2,3,4,6-tetradeoxy-6-(methylamino)- α -D-erythro-hexopyranosyl-(1 $\rightarrow$ 4)-O-[3-deoxy-4-C-methyl-3-(methylamino)- β -L-arabinopyranosyl-(1 $\rightarrow$ 6)]-2-deoxy-D-streptamine.gentamicin C_{2b}; antibiotic KW-1062; KW-1062; XK-62-2;

[sulfate ($C_{40}H_{92}N_{10}O_{34}S$)]: 6'-N-methylbentamicin C_{1a} hemipentasulfate; Sagamicin; Santemycin. Aminoglycoside antibiotic. mp = 260° (dec); $[\alpha]_D^{20} = 116^{\circ}$ ($c = 1$ H_2O); soluble in H_2O , MeOH; insoluble in $CHCl_3$, EtOAc, C_6H_6 , petr ether; LD₅₀ (mus iv) = 93 mg/kg. *Schering Corp.*

1848 Neomycin

1404-04-2 6542 215-766-3
Mycifradin; Fradiomycin; Neomin; Neolate; Neomas; Pimavecot; Vonamycin Powder V. Aminoglycoside antibiotic. Antibiotic produced by *Streptomyces fradiae*. Consists of Neomycins A, B and C. Insoluble in organic solvents; slightly soluble in H_2O (< 25 g/100 ml). *Pharmacia & Upjohn, Inc. ; Merck & Co., Inc.*

1849 Neomycin A

3947-65-7 6517
 $C_{12}H_{26}N_4O_6$
2-Deoxy-4-O-(2,6-diamino-2,6-dideoxy- α -D-glucopyranosyl)-D-streptamine.
Neamine. Aminoglycoside antibiotic. Dec $225-226^{\circ}$; $[\alpha]_D^{25} = 112.8^{\circ}$ ($c = 1$); [tetrahydrochloride ($C_{12}H_{30}Cl_4N_4O_6$)]: dec $250-260^{\circ}$; $[\alpha]_D^{25} = 83^{\circ}$ ($c = 1$); [N-acetyl derivative ($C_{20}H_{38}N_4O_{10}$)]: mp = $334-336^{\circ}$; $[\alpha]_D^{25} = 87^{\circ}$ ($c = 1$). *Pharmacia & Upjohn, Inc. ; Merck & Co., Inc.*

1850 Neomycin B

119-04-0 6542 204-292-2
 $C_{23}H_{46}N_6O_{13}$
Neomycin B.
antibiotique EF 185; Enterfram; Framygen; Framycetin; Soframycin; Actilin. Aminoglycoside antibiotic. *Pharmacia & Upjohn, Inc. ; Merck & Co., Inc.*

1851 Neomycin B Hydrochloride

25389-99-5 6542
 $C_{23}H_{47}ClN_6O_{13}$
Neomycin B hydrochloride.
Aminoglycoside antibiotic. $[\alpha]_D^{25} = 57^{\circ}$ (H_2O); soluble in H_2O (1.5 g/100 ml), MeOH (0.57 g/100 ml), EtOH (0.065 g/100 ml), iPrOH (0.005 g/100 ml), cyclohexane (0.006 g/100 ml), C_6H_6 (0.003 g/100 ml); insoluble in Me_2CO , Et_2O . *Pharmacia & Upjohn, Inc. ; Merck & Co., Inc.*

1852 Neomycin B Sulfate

1405-10-3 6542
 $C_{23}H_{48}N_6O_{17}S$
Neomycin B sulfate.
Biosol; Bykomycin; Endomixin; Fraquinol; Myacine; Neosulf; Neomix; Neobrettin; Nivemycin; Tuttomycin. Aminoglycoside antibiotic. $[\alpha]_D^{20} = 54^{\circ}$ ($c = 2$ H_2O); soluble in H_2O (0.63 g/100 ml), MeOH (0.0225 g/100 ml), EtOH (0.95 g/100 ml), iPrOH (0.008 g/100 ml), isoamyl alcohol (0.0247 g/100 ml), cyclohexane (0.008 g/100 ml), C_6H_6 (0.005 g/100 ml); insoluble in Et_2O , Me_2CO , $CHCl_3$. *Pharmacia & Upjohn, Inc. ; Merck & Co., Inc.*

1853 Neomycin C

66-86-4 6542
 $C_{23}H_{46}N_6O_{13}$
Neomycin C.

Aminoglycoside antibiotic. On hydrolysis, gives neomycin A and neobiosamine. *Pharmacia & Upjohn, Inc. ; Merck & Co., Inc.*

1854 Neomycin Undecylenate

1406-04-8 6543 215-793-0
Neomycin undecylenate.
Neodecylin. Aminoglycoside antibiotic. *Penick.*

1855 Netilmicin

56391-56-1 6563 260-146-8
 $C_{21}H_{41}N_5O_7$
O-3-Deoxy-4-C-methyl-3-(methylamino)- β -L-arabinopyranosyl-(1 $\rightarrow$ 6)-O-[2,6-diamino-2,3,4,6-tetradeoxy- α -D-glycero-hex-4-enopyranosyl-(1 $\rightarrow$ 4)]-2-deoxy-N¹-ethyl-D-streptamine.
1-N-ethylsisomicin; Sch-20569. Aminoglycoside antibiotic. *Schering Corp.*

1856 Netilmicin Sulfate

56391-57-2 6563 260-147-3
 $C_{22}H_{92}N_{10}O_{37.4}S$
O-3-Deoxy-4-C-methyl-3-(methylamino)- β -L-arabinopyranosyl-(1 $\rightarrow$ 6)-O-[2,6-diamino-2,3,4,6-tetradeoxy- α -D-glycero-hex-4-enopyranosyl-(1 $\rightarrow$ 4)]-2-deoxy-N¹-ethyl-D-streptamine sulfate.
Certomycin; Netillin; Netilyn; Netromicine; Netromycin; Nettacin; Vectacin; Zetamicin. Aminoglycoside antibiotic. $[\alpha]_D^{26} = 164^{\circ}$ ($c = 3$ H_2O); LD₅₀ (mus iv) = 40 mg/kg, (mus ip) = 125 mg/kg, (mus sc) = 175 mg/kg. *Schering Corp.*

1857 Paromomycin

7542-37-2 7173 231-423-0
 $C_{23}H_{45}N_5O_{14}$
O-2-Amino-2-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-[O-2,6-diamino-2,6-dideoxy- β -L-idopyranosyl-(1 $\rightarrow$ 3)- β -D-ribofuranosyl-(1 $\rightarrow$ 5)]-2-deoxy-D-streptamine.
paromomycin I; amminosidin; catenulin; crestomycin; estomycin; hydroxymycin; monomycin A; neomycin Epaucimycin; R-400. Aminoglycoside antibiotic. Also anti-amebic. $[\alpha]_D^{25} = 65^{\circ} \pm 3^{\circ}$; soluble in H_2O , moderately soluble in MeOH, sparingly soluble in EtOH; LD₅₀ (rat orl) > 1625 mg/kg, (rat sc) > 650 mg/kg, (rat iv) = 156 mg/kg, (mus orl) > 2275 mg/kg, (mus sc) = 423 mg/kg, (mus iv) = 90 mg/kg. *Parke-Davis; Pfizer Inc.*

1858 Paromomycin Sulfate

1263-89-4 7173 215-031-7
 $C_{23}H_{47}N_5O_{18}S$
O-2-Amino-2-deoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-[O-2,6-diamino-2,6-dideoxy- β -L-idopyranosyl-(1 $\rightarrow$ 3)- β -D-ribofuranosyl-(1 $\rightarrow$ 5)]-2-deoxy-D-streptamine sulfate.
1600 Antibiotic; FI-5853; Aminoxidin; Aminosidine; Farmiglucin; Fareminosidin; Gabromicina; Gabbromycin; Gabbrolal; Humagel; Humatin; Pargonyl; Paramicina; Paricina; Sinosid. Aminoglycoside antibiotic. Also anti-amebic. $[\alpha]_D^{25} = 50.5^{\circ}$ ($c = 1.5$ H_2O pH 6); LD₅₀ (mus orl) = 15000 mg/kg, (mus sc) = 700 mg/kg, (mus iv) = 110 mg/kg. *Parke-Davis; Pfizer Inc.*

1859 Ribostamycin

25546-65-0 8373 247-091-5
 $C_{17}H_{34}N_4O_{10}$
O-2,6-Diamino-2,6-dideoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-

O-[β-D-ribofuranosyl-(1→5)]-2-deoxy-D-streptamine.
SF-733 antibiotic. Aminoglycoside antibiotic. mp = 192-195°, 178-180° (dec); $[\alpha]_D^{25} = 42^\circ$; soluble in H₂O; slightly soluble in MeOH; insoluble in Me₂CO, n-BuOH, EtOAc, C₆H₆, C₆H₁₄, Et₂O. *Meiji*.

1860 Ribostamycin Sulfate

53797-35-6 8373 258-783-1
C₁₇H₃₆N₄O₁₄S
O-2,6-Diamino-2,6-dideoxy-α-D-glucopyranosyl-(1→4)-O-[β-D-ribofuranosyl-(1→5)]-2-deoxy-D-streptamine sulfate.
Ibistacin; Mandamycin; Ribostamin; Ribomycin; Vistamycin. Aminoglycoside antibiotic. $[\alpha]_D^{20} = 39^\circ$ (c = 1); LD₅₀ (mus iv) = 225 mg/kg. *Meiji*.

1861 Sisomicin

32385-11-8 8695 251-018-2
C₁₉H₃₇N₅O₇
O-3-Deoxy-4-C-methyl-3-(methylamino)-β-L-arabinopyranosyl-(1→6)-O-[2,6-diamino-2,3,4,6-tetradeoxy-α-D-glycero-hex-4-enopyranosyl-(1→4)]-2-deoxy-D-streptamine.
Extramycin®; rickamicin; antibiotic 6640; Sch-13475. Aminoglycoside antibiotic. A gentamicin-like aminoglycoside antibiotic produced by *Micromonospora inyoensis*. [monohydrate]: mp = 198-201°; $[\alpha]_D^{26} = 189^\circ$ (c = 0.3); [penta-N-acetate (C₂₉H₄₇N₅O₁₂)]: mp = 188-198° (dec); $[\alpha]_D^{26} = 200^\circ$ (c = 0.3). *Schering Corp.*

1862 Sisomicin Sulfate

53179-09-2 8695 258-414-4
C₁₉H₃₉N₅O₁₁S
O-3-Deoxy-4-C-methyl-3-(methylamino)-β-L-arabinopyranosyl-(1→6)-O-[2,6-diamino-2,3,4,6-tetradeoxy-α-D-glycero-hex-4-enopyranosyl-(1→4)]-2-deoxy-D-streptamine sulfate.
Baymicin; Extramycin; Mensiso; Siseptin; Sisobiotic; Sisolline; Sisomin. Aminoglycoside antibiotic. LD₅₀ (mus iv) = 34 mg/kg, (mus ip) = 221 mg/kg, (mus sc) = 288 mg/kg. *Schering Corp.*

1863 Streptomycin

57-92-1 8983 200-355-3
C₂₁H₃₉N₇O₁₂
O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-formyl-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine.
streptomycin A. Aminoglycoside antibiotic. [trihydrochloride (C₂₁H₄₂Cl₃N₇O₁₂)]: $[\alpha]_D^{26} = -84^\circ$; soluble in H₂O (> 2 g/100 ml); MeOH (> 2 g/100 ml), EtOH (0.09 g/100 ml), iPrOH (0.012 g/100 ml), isoamyl alcohol (0.012 g/100 ml), petroleum ether (0.002 g/100 ml), CCl₄ (0.004 g/100 ml), Et₂O (0.001 g/100 ml).

1864 Streptomycin B

128-45-0 8984 204-887-7
C₂₇H₄₉N₇O₁₇
α-L-Mannopyranosyl-(1→4)-O-2-deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-formyl-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine.

mannosidostreptomycin; mannosylstreptomycin. Aminoglycoside antibiotic. [trihydrochloride monohydrate (C₂₇H₅₄Cl₃N₇O₂₀)]: mp = 190-200° (dec); $[\alpha]_D^{25} = -47^\circ$ (c = 11.35 H₂O). *Squibb, E.R. & Sons.*

1865 Streptomycin Sesquisulfate

3810-74-0 8983 223-286-0
C₄₂H₈₄N₁₄O₃₆S
O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-formyl-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine sulfate.
streptomycin sulfate; AgriStrep; Streptobrettin; Vetstrep. Aminoglycoside antibiotic. Soluble in H₂O (> 2 g/100 ml), MeOH (0.085 g/100 ml), EtOH (0.030 g/100 ml), iPrOH (0.001 g/100 ml), petroleum ether (0.0015 g/100 ml), CCl₄ (0.0035 g/100 ml), Et₂O (0.0035 g/100 ml).

1866 Streptonicozid

5667-71-0 8985 227-128-1
C₅₄H₉₄N₂₀O₃₆S=73
4-Pyridinecarboxylic acid hydrazide hydrazone with O-2-deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-formyl-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine sulfate (2:3) (salt).
streptomyclidine isonicotinyldiazine sulfate; streptoniazide; Streptohydrazid. Aminoglycoside antibiotic with tuberculostatic properties. Dec 230°; freely soluble in H₂O (> 2 g/100 ml), EtOH (0.0115 g/100 ml), CCl₄ (0.0025 g/100 ml), Et₂O (0.031 g/100 ml).

1867 Tobramycin

32986-56-4 9628 251-322-5
C₁₈H₃₇N₅O₉
O-3-Amino-3-deoxy-α-D-glucopyranosyl-(1→6)-O-[2,6-diamino-2,3,6-trideoxy-α-D-ribo-hexopyranosyl-(1→4)]-2-deoxy-D-streptamine.
nebramycin factor 6; NF 6; Gernebcin; Tobracin; Tobradistin; Tobralax; Tobramaxin; Tobrex. Aminoglycoside antibiotic. Soluble in H₂O; $[\alpha]_D = 128^\circ$; LD₅₀ (mus sc) = 441 mg/kg, (rat sc) = 969 mg/kg. *Alcon Labs.; Eli Lilly & Co.*

1868 Tobramycin Sulfate

79645-27-5 9628
C₃₆H₈₄N₁₀O₃₈S₅
O-3-Amino-3-deoxy-α-D-glucopyranosyl-(1→6)-O-[2,6-diamino-2,3,6-trideoxy-α-D-ribo-hexopyranosyl-(1→4)]-2-deoxy-D-streptamine sulfate.
Nebcin; Obracin; Tobra. Aminoglycoside antibiotic. *Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Eli Lilly & Co.; Elkins-Sinn.*

Antibiotics, Amphenicol

1869 Azidamfenicol

13838-08-9 941 237-552-9
C₁₁H₁₃N₅O₅
2-Azido-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide.
azidoamphenicol; Leukomycin N. Amphenicol antibiotic. mp = 107°; $[\alpha]_D^{20} = -20^\circ$ (c = 1.6 EtOAc); soluble in H₂O (< 2 g/100 ml). *Bayer Corp., Pharmaceutical Div.*

1870 Chloramphenicol

56-75-7 2120 200-287-4
 $C_{11}H_{12}Cl_2N_2O_5$
 D-Threo-N-dichloroacetyl-1-p-nitrophenyl-2-amino-1,3-propanediol.
 Ak-Chlor; Amphicol; Anacetin; Aquamycetin; Chemicitina; Chloramex; Chlorasol; Chloricol; Chlorocid; Chloromycetin; Chloroptic; Cloramfen; Clorocyn; Enicol; Farmitcetina; Fenicol; Globenicol; Intramycetin; Kemicetine; Leukomycin; Micoclorina; Mychel; Mycinol; Novomycetin; Ophthoclor; Pantovernil; Paraxin; Quemicetina; Romphenil; Sintomicetina; Sno Phenicol; Synthomycetin; Tevcocin; Tyfomycine; Veticol; Viceton. Antibacterial and antirickettsial. mp = 150.5-151.5°; $[\alpha]_D^{27} = 18.6^\circ$ (c = 4.86 EtOH), $[\alpha]_D^{25} = -25.5^\circ$ (EtOAc); λ_m 278 nm ($E_D^{1\%}$ 298); soluble in H_2O (0.25 g/100 ml at 25°), propylene glycol (15.1 g/100 ml at 25°); very soluble in MeOH, EtOH, BuOH, EtOAc; Me_2CO ; fairly soluble in Et_2O ; insoluble in C_6H_6 , petroleum ether. *Allergan, Inc.; Fermenta Animal Health Co.; Fujisawa USA, Inc.; Parke-Davis; Schering-Plough Animal Health; Chinoin.*

1871 Chloramphenicol Monosuccinate Arginine Salt

34327-18-9 2120
 $C_{21}H_{30}Cl_2N_6O_{10}$
 D-Threo-N-dichloroacetyl-1-p-nitrophenyl-2-amino-1,3-propanediol monosuccinate arginine salt.
 chloramphenicol arginine succinate; Paraxin Succinate A. Antibacterial and antirickettsial. mp = 135-145° (dec).

1872 Chloramphenicol Monosuccinate Sodium Salt

982-57-0 2120 213-568-1
 $C_{15}H_{15}Cl_2N_2NaO_8$
 D-Threo-(-)-2,2-dichloro-N[β -hydroxy- α -(hydroxymethyl)-p-nitrophenyl]acetamide α -(sodium succinate).
 Protopenicol. Antibacterial and antirickettsial. Freely soluble in H_2O (50 g/100 ml).

1873 Chloramphenicol Palmitate

530-43-8 2120 208-477-9
 $C_{27}H_{42}Cl_2N_2O_6$
 D-Threo-(-)-2,2-dichloro-N[β -hydroxy- α -(hydroxymethyl)-p-nitrophenyl]acetamide α -palmitate.
 Chlorambon; Chloropal; Clorolifarina. Antibacterial; antirickettsial. mp = 90°; $[\alpha]_D^{26} = 24.6^\circ$ (c = 5 EtOH); λ_m 271 nm ($E_{1\%}^{1\text{cm}}$ 179 EtOH); slightly soluble in H_2O (0.105 g/100 ml, 28°), petroleum ether (0.0225 g/100 ml); freely soluble in MeOH, EtOH, $CHCl_3$, Et_2O , C_6H_6 . *Parke-Davis.*

1874 Chloramphenicol Pantothenate Calcium Complex (4:1)

31342-36-6 2120
 $C_{62}H_{80}CaCl_8N_{10}O_{30}$
 Pantothenic acid calcium salt (2:1) compound with D-threo-(-)-2,2-dichloro-N[β -hydroxy- α -(hydroxymethyl)-p-nitrophenyl]acetamide (1:4).
 Pantofenicol. Antibacterial; antirickettsial. *Pluriquimica.*

1875 Florfenicol

73231-34-2 4145
 $C_{12}H_{14}Cl_2FNO_4S$
 2,2-Dichloro-N-[1-fluoromethyl]-2-hydroxy-2-[4-(methylsulfonyl)phenyl]ethyl]acetamide.

Nuflor; Sch-25298; Aquafen. Antibacterial; antirickettsial. mp = 153-154°; soluble in H_2O . *Schering Corp.*

1876 Thiamphenicol

15318-45-3 9436 239-355-3
 $C_{12}H_{15}Cl_2NO_5S$
 2,2-Dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-[4-(methylsulfonyl)phenyl]ethyl]acetamide.
 Thiocymetin; Win-5063-2. Antibacterial and antirickettsial. The D-isomer is an antibiotic; the DL-form is used to control fowl cholera. mp = 164.3-166.3°; $[\alpha]_D^{25} = 12.9^\circ$ (EtOH); λ_m 224, 266, 274 nm (ϵ 13700 800 700 EtOH); soluble in H_2O , EtOH. *Sterling Winthrop, Inc.*

1877 DL-Thiamphenicol

847-25-6 9436
 $C_{12}H_{15}Cl_2NO_5S$
 (DL)-2,2-Dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-[4-(methylsulfonyl)phenyl]ethyl]acetamide.
 Thiocymetin; Win-5063-2; racephenidol; racephenicol; Dexawin. Antibacterial and antirickettsial. The D-isomer is an antibiotic; the DL-form is used to control fowl cholera. *Sterling Winthrop, Inc.*

Antibiotics, Ansamycin**1878 Ciclotropium Bromide**

85166-20-7
 $C_{24}H_{36}BrNO_2$
 (8r)-3 α -Hydroxy-8-isopropyl-1 α H,5 α H-tropanium bromide α -phenylcyclopentaneacetate.
 Antibacterial (ansamycin). Has vagolytic and antianginal properties.

1879 Rifamide

2750-76-7 8381 220-390-8
 $C_{43}H_{58}N_2O_{13}$
 N,N-Diethyl-2-[(1,2-dihydro-5,6,7,19,21-pentahydroxy-23-methoxy-2,4,12,16,18,20,22-heptamethyl-1,11-dioxo-2,7-(epoxypentadeca[1,11,13]trienimino)naphtho[2,1-b]furan-9-yl)oxy]acetamide 21-acetate.
 Rifamycin M-14; NSC-133099. Antibacterial (ansamycin). mp = 40-170° (dec); $[\alpha]_D^{20} = -48.7^\circ$ (c = 0.4 MeOH); λ_m 222, 302, 421 nm (ϵ 42820, 20770, 16200 pH 7.38); LD₅₀ (mus orl) = 2450 mg/kg, (mus sc) = 640 mg/kg, (mus ip) = 320 mg/kg, (mus iv) = 315 mg/kg, (rat orl) > 4000 mg/kg, (rat sc) = 2500 mg/kg, (rat ip) = 5354 mg/kg, (rat iv) = 380 mg/kg. *Marion Merrell Dow Inc.*

1880 Rifampin

13292-46-1 8382 236-312-0
 $C_{43}H_{58}N_4O_{12}$
 5,6,9,17,19,21-Hexahydroxy-23-methoxy-2,4,12,16,18,20,22-heptamethyl-8-[N-(4-methyl-1-piperazinyl)formimidoyl]-2,7-(epoxypentadeca[1,11,13]trienimino)naphtho[2,1-b]furan-1,11(2H)dione 21-acetate.
 Rifadin; Rimactane; L-5103 Lepetit; Ba 41166/E; NSC-113926; component of: Rifater. Antibacterial (ansamycin). Dec 183-188°; λ_m 237, 255, 334, 475 nm (ϵ 33200, 32100, 27000, 15400 pH 7.38); freely soluble in CH_3Cl , DMSO; soluble in EtOAc, MeOH, THF; slightly soluble in H_2O , Me_2CO , CCl_4 ; LD₅₀ (mus orl) = 885

mg/kg, (mus iv) = 260 mg/kg, (mus ip) = 640 mg/kg, (rat orl) = 1720 mg/kg, (rat iv) = 330 mg/kg, (rat ip) = 550 mg/kg. *Ciba-Geigy Corp.; Marion Merrell Dow Inc.; Merrell Pharmaceuticals Inc.*

1881 Rifampin SV

6998-60-3 8384

$C_{37}H_{47}NO_{12}$
5,6,9,17,19,21-Hexahydroxy-23-methoxy-2,4,12,16,18,20,22-heptamethyl-2,7-(epoxypentadeca[1,11,13]trienimino)naphtho[2,1-b]furan-1,11(2H)dione 21-acetate.
rifomycin SV; rifamicine SV. Antibacterial (ansamycin). mp 300° (dec > 140°); $[\alpha]_D^{20} = -4^\circ$ (MeOH); $\lambda_m = 223, 314, 445$ nm ($E_{1\text{ cm}}^{1\%}$ 586, 322, 204 phosphate buffer pH 7.3); slightly soluble in H_2O , petroleum ether; soluble in MeOH, EtOH, Me_2CO , EtOAc; LD_{50} (mus iv) = 550 mg/gk, (mus ip) = 625 mg/kg, (mus orl) = 2120 mg/kg.

1882 Rifapentine

61379-65-5 8385 262-743-9

$C_{47}H_{64}N_4O_{12}$
3-[N-(4-Cyclopentyl-1-piperazinyl)formimidoyl]rifamycin.
MDL-473. Antibacterial (ansamycin). mp = 179-180°; λ_m 475 334 nm (ϵ 15200, 26700); LD_{50} (mus orl) > 2000, = 3300 mg/kg, (mus ip) = 710, 750 mg/kg. *Marion Merrell Dow Inc.*

1883 Rifaximin

80621-81-4 8386

$C_{43}H_{51}N_3O_{11}$
(2S,16Z,18E,20S,21S,22R,23R,24R,25S,26S,27S,28E)-5,6,21,23,25-Pentahydroxy-27-methoxy-2,4,11,16,20,22,24,26-oxtamethyl-2,7-(epoxypentadeca[1,11,13]trienimino)benzofuro[4,5-e]pyrido[1,2-a]benzimidazole-1,15(2H)-dione 25-acetate.
Antibacterial (ansamycin). mp = 200-205° (dec); λ_m 232, 260, 320, 370, 450 nm ($E_{1\text{ cm}}^{1\%}$ 489, 339, 295, 216, 119, 159); soluble in alcohols, EtOAc, $CHCl_3$, C_7H_8 ; LD_{50} (rat orl) > 2000 mg/kg. *Alpha Wassermann S.p.A.*

Antibiotics, Penicillin**1884 Amantocillin**

10004-67-8

$C_{19}H_{27}N_3O_4S$
6-(3-Amino-1-adamantanecarboxamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
Antibacterial.

1885 Amdinocillin

32887-01-7 251-277-1

$C_{15}H_{23}N_3O_3S$
[2S-(2 α ,5 α ,6 β)]-6-[[Hexahydro-1H-azepin-1-yl)methylene]amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
Coactin. Antibacterial. *Hoffmann-LaRoche Inc.*

1886 Amdinocillin Pivoxil

32886-97-8 409 251-276-6

$C_{21}H_{33}N_3O_5S$
[2S-(2 α ,5 α ,6 β)]-6-[[Hexahydro-1H-azepin-1-

yl)methylene]amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)methyl ester.

pivamdinocillin; pivmecillinam; FL-1039; Selexid (susp.); component of: Augmentin. Antibacterial. mp = 118.5-119.5°; $[\alpha]_D^{20} = +231^\circ$ (c=1 in 96% EtOH); LD_{50} (mus iv) = 475-480 mg/kg, (mus sc) = 1736-1930 mg/kg, (mus orl) = 3020 mg/kg, (rat iv) = 465 mg/kg, (rat sc) = 1935-2100 mg/kg, (rat orl) = 9500-10000 mg/kg. *Hoffmann-LaRoche Inc.*

1887 Amoxicillin [anhydrous]

26787-78-0 617 248-003-8

$C_{16}H_{19}N_3O_5S$
[2S-[2 α ,5 α ,6 β (S*)]]-6-[[Amino(4-hydroxyphenyl)-acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
amoxycillin; AMPC; Amocilline; Amolin; Amopenix; Amoram; Amoxipen; Anemolin; Aspenil; Betamox; Bristamox; Cabermox; Delacillin; Efpenix; Grinsil; Helvamox; Optium; Ospamox; Pasetocin; Penamox; Penimox; Piramox; Sawacillin; Simoxil; Sumox; Widedillin; Wymox; Amoxicillin Chewable Tablets; Amoxil; Larotid; Polymox; Trimox; Utimox. Antibacterial. *Apothecon; Hoffmann-LaRoche Inc.; Lemmon Co.; Parke-Davis; SmithKline Beecham Pharmaceuticals; Wyeth-Ayerst Labs.*

1888 Amoxicillin Trihydrate

61336-70-7 617

$C_{16}H_{19}N_3O_5S \cdot 3H_2O$
[2S-[2 α ,5 α ,6 β (S*)]]-6-[[Amino(4-hydroxyphenyl)-acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid trihydrate.
BRL-2333; Agram; Alfamox; Almodan; Amodex; Amoxi; Amoxidal; Amoxidin; Amoxil; Amoxillat; Amoxi-Wolff; Amoxypen; Ardine; AX 250; Clamoxyl; Cuxacillin; Dura AX; Flemoxin; Hiconcil; Ibiamax; Larocin (obsolete); Larotid; Moxal; Moxaline; Neamoxyl; Polymox; Raylina; Robamox; Sigamopen; Silamox; Trimox; Uro-Clamoxyl; Utimox; Zamocillin. Antibacterial. $[\alpha]_D^{20} = +246^\circ$ (c = 0.1); λ_m 230, 274 nm (ϵ 10850, 1400 EtOH); λ_m 229, 272 nm (ϵ 9500, 1080 0.1N HCl); λ_m = 248, 291 nm (ϵ 2200, 3000 KOH); soluble in H_2O (0.4 g/100 ml), MeOH (0.75 g/100 ml), EtOH (0.34 g/100 ml); insoluble in C_6H_6 , EtOAc, CH_3CN , C_6H_{14} .

1889 Ampicillin

69-53-4 628 200-709-7

$C_{16}H_{19}N_3O_4S$
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
AY-6108; BRL-1341; P-50; Albipen; Amfipen; Amipenix; Ampipenin; Ampitab; Bonapicillin; Britacil; Doktacillin; Domicillin; Dumopen; Grampenil; Nuvapen; Omnipen; Penicline; Tokiocillin. Antibacterial. *Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Parke-Davis; Wyeth-Ayerst Labs.*

1890 Ampicillin Sodium

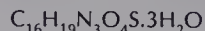
69-52-3 628 200-708-1

$C_{16}H_{18}NaN_3O_4S$
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.

Alpen-N; Amcill-S; Ampicin; Cillerall; Omnipen-N; Pen A/N; Penbritin-S; Pentrex; Polycillin-N; Principen/N; Synpenin; Viccillin. Antibacterial. *Apothecon; Roerig Div., Pfizer Pharmaceuticals; SmithKline Beecham Pharmaceuticals; Wyeth-Ayerst Labs.*

1891 Ampicillin Trihydrate

7177-48-2 628

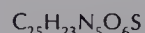


[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid trihydrate.

Alpen; Amblosin; Amcill; Ampilag; Ampilar; Ampitablinen; Amplital; Austrapen; Binotal; Cetampin; Cymbi; Pen A; Penbristol; Penbritin; Penbrock; Pensyn; Pentrexyl; Polycillin; Princillin; Principen; Rosampline; Totacillin; Totalciclina; Totapen; Ukapen; Ultrabion; Vidopen. Antibacterial. *Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Parke-Davis; Wyeth-Ayerst Labs.*

1892 Apalcillin

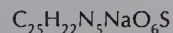
63469-19-2 766



[2S-[2 α ,5 α ,6 β (S*)]]-6-[[(4-Hydroxy-1,5-naphthyridin-3-yl)carbonyl]amino]phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid. Antibacterial. *Sumitomo.*

1893 Apalcillin Sodium

58795-03-2 766 261-446-1

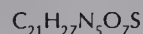


[2S-[2 α ,5 α ,6 β (S*)]]-6-[[(4-Hydroxy-1,5-naphthyridin-3-yl)carbonyl]amino]phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.

PC-904; Lumota; Palcin. Antibacterial. Soluble in H_2O . *Sumitomo.*

1894 Aspoxicillin

63358-49-6 887



[2S-(2 α ,5 α ,6 β)]-N-Methyl-D-asparaginyl-N-(2-carboxy-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-6-yl)-D-2-(4-hydroxyphenyl)glycinamide.

ASPC; TA-058; Doyle. Antibacterial. mp = 195-198° (dec). *Tanabe Seiyaku.*

1895 Azidocillin

17243-38-8 942 241-278-5

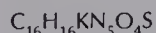


[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Azidophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

SPC-97D; BRL-2351. Antibacterial. *SmithKline Beecham Pharmaceuticals.*

1896 Azidocillin Potassium Salt

22647-32-1 942

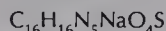


[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Azidophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt.

Nalpen. Antibacterial. mp = 194° (dec). *SmithKline Beecham Pharmaceuticals.*

1897 Azidocillin Sodium Salt

35334-12-4 942

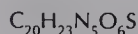


[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Azidophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.

Globacillin; Longatren. Antibacterial. *SmithKline Beecham Pharmaceuticals.*

1898 Azlocillin

37091-66-0 947 253-348-2

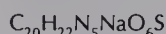


[2S-[2 α ,5 α ,6 β (S*)]]-3,3-Dimethyl-7-oxo-6-[[[(2-oxo-1-imidazolidinyl)carbonyl]amino]phenyl]acetyl]amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Bay e 6905. Antibacterial. *Bayer Corp., Pharmaceutical Div.*

1899 Azlocillin Sodium

37091-65-9 947 253-347-7

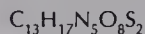


[2S-[2 α ,5 α ,6 β (S*)]]-3,3-Dimethyl-7-oxo-6-[[[(2-oxo-1-imidazolidinyl)carbonyl]amino]phenyl]avetyl]amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.

Azlin; Securopen. Antibacterial. Soluble in H_2O , MeOH, DMF. *Bayer Corp., Pharmaceutical Div.*

1900 Aztreonam

78110-38-0 955 278-839-9

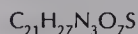


[2S-[2 α ,3 β (Z)]]-2-[[[1-(2-Amino-4-thiazolyl)-2-[(2-methyl-4-oxo-1-sulfo-3-azetidinyl)amino]-2-oxoethylidene]amino]oxy]-2-methylpropanoic acid.

azthreonam; SQ-26776; Azactam; Azonam; Aztreon; Nebactam; Primbactam. Antibacterial. Dec 227°; very slightly soluble in EtOH; slightly soluble in MeOH; soluble in DMF, DMSO; practically insoluble in C_7H_8 , CHCl_3 , EtOAc. *Squibb, E.R. & Sons.*

1901 Bacampicillin

50972-17-3 961



[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 1-[(ethoxycarbonyl)oxy]ethyl ester.

Antibacterial. *Roerig Div., Pfizer Pharmaceuticals.*

1902 Bacampicillin Hydrochloride

37661-08-8 961 253-580-4



[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 1-[(ethoxycarbonyl)oxy]ethyl ester hydrochloride.

Ambacamp; Ambaxin; Bacacil; Bacampicine; Penglobe; Spectrobid. Antibacterial. mp = 171-176° (dec); $[\alpha]_D^{20}$ = 161°; soluble in H_2O ; LD₅₀ (mus orl) = 8529 mg/kg, (mus ip) = 176 mg/kg, (mus sc) = 9475 mg/kg, (mus iv) = 184 mg/kg. *Roerig Div., Pfizer Pharmaceuticals.*

1903 Bacmecillinam

50846-45-2



(2S,5R,6R)-[[[Hexahydro-1H-azepin-1-yl]-

methylene)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid ester with ethyl 1-hydroxyethyl carbonate.
Penicillin antibacterial.

1904 Benzylpenicillin Sodium

69-57-8 1178 200-710-2

$C_{16}H_{17}N_2NaO_4S$
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monosodium salt.
Crystapen; sodium penicillin G; penicillin G sodium; sodium penicillin II; sodium benzylpenicillinate; benzylpenicillinic acid sodium salt; penicillin; American penicillin; Monocillin; Nalpen G; Novocillin; Penilaryn; Pen-A-8rasive; Veticillin. Antibacterial. $d = 1.41$; $[\alpha]_D^{24.8} = +301^\circ$ ($c = 2.0$); λ_m 252, 258.6, 264.4 nm (E_m about 300, 240, 180, H_2O); very soluble in H_2O , glycerol, primary alcohols; practically insoluble in Et_2O , Me_2CO , $CHCl_3$, ethyl and amyl acetate, fixed oils, liquid petrolatum. *Merck & Co., Inc.*

1905 Benzylpenicillinic Acid

61-33-6 1177 200-506-3

$C_{16}H_{18}N_2O_4S$
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
free benzylpenicillin; free penicillin G; free penicillin II; Pfizerpen; Benzylpenicillin. Antibacterial. $[\alpha]_D^{20} = +269^\circ$ (MeOH solution 50 ml, prepared from 350 mg benzylpenicillin sodium); sparingly soluble in H_2O ; soluble in MeOH, EtOH, Et_2O , EtOAc, C_6H_6 , $CHCl_3$, Me_2CO , insoluble in petroleum ether. *Pfizer Inc.*

1906 Biapenem

120410-24-4 1243

$C_{15}H_{18}N_4O_4S$
[4R-[4 α ,5 β ,6 β (R*)]]-6-[[2-Carboxy-6-(1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-en-3-yl]thio]-6,7-dihydro-5H-pyrazolo[1,2a][1,2,4]triazol-4-ium hydroxide inner salt.
8iapenem; LJC-10627; L-627; CL-186-815. Antibacterial. $[\alpha]_D^{20} = -32.9^\circ$ ($c = 0.5$). *Lederle Labs.*

1907 Carbenicillin

4697-36-3 1838 225-171-0

$C_{17}H_{18}N_2O_6S$
[2S-(2 α ,5 α ,6 β)]-6-[(Carboxyphenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
Antibacterial. *Pfizer Inc.*; *SmithKline Beecham Pharmaceuticals.*

1908 Carbenicillin Disodium

4800-94-6 1838 225-360-8

$C_{17}H_{16}N_2Na_2O_6S$
[2S-(2 α ,5 α ,6 β)]-6-[(Carboxyphenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid disodium salt.
8RL-2064; CP-15639-2; Anabactyl; Carbapen; Carbecin; Geocillin; Geopen; Hyoper; Microcillin; Pyocianil; Pyopen. Antibacterial. *Pfizer Inc.*; *SmithKline Beecham Pharmaceuticals.*

1909 Carbenicillin Indanyl Sodium

26605-69-6 1888 247-845-3

$C_{26}H_{25}N_2NaO_6S$
[2S-(2 α ,5 α ,6 β)]-6-[[3-[(2,3-Dihydro-1H-inden-5-yl)oxy]-1,3-dioxo-2-phenylpropyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.
Carindacillin Sodium; CP-15464-2; Carindapen; Geocillin; G.U.-Pen. Antibacterial. *Pfizer Inc.*

1910 Carbenicillin Phenyl

27025-49-6 1888 248-171-2

$C_{23}H_{22}N_2O_6S$
[2S-(2 α ,5 α ,6 β)]-6-[(Carboxyphenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid phenyl.
Carfecillin. Antibacterial. *SmithKline Beecham Pharmaceuticals.*

1911 Carbenicillin Phenyl Sodium

21649-57-0 1838 244-496-9

$C_{23}H_{21}N_2NaO_6S$
[2S-(2 α ,5 α ,6 β)]-6-[(Carboxyphenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid phenyl sodium.
carfecillin sodium; 8RL-3475; Gripenin-O; Urocarf; Uticillin; carbenicillin phenyl sodium. Antibacterial. $[\alpha]_D^{20} = 216.2^\circ$ (H_2O). *SmithKline Beecham Pharmaceuticals.*

1912 Carindacillin

35531-88-5 1888

$C_{26}H_{26}N_2O_6S$
[2S-(2 α ,5 α ,6 β)]-6-[[3-[(2,3-Dihydro-1H-inden-5-yl)oxy]-1,3-dioxo-2-phenylpropyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
N-(2-Carboxy-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-6-yl)-2-phenylmalonic acid 1-(5-indanyl) ester; α -(5-indanyloxycarbonyl)-benzylpenicillin; carbenicillin indanyl ester; CP-15464. Antibacterial. *Pfizer Inc.*

1913 Carumonam

87638-04-8 1922

$C_{12}H_{14}N_6O_{10}S_2$
[2S-[2 α ,3 α (Z)]]-[[[2-[[2-[[Aminocarbonyl]oxy]methyl]-4-oxo-1-sulfo-3-azetidyl]amino]-1-(2-amino-4-thiazolyl)-2-oxoethylidene]amino]oxy]acetic acid.
Antibacterial. $[\alpha]_D^{26} = -45^\circ$ ($c = 1$ in DMSO). *Hoffmann-LaRoche Inc.*

1914 Carumonam Sodium

86832-68-0 1922

$C_{12}H_{12}N_6Na_2O_{10}S_2$
[2S-[2 α ,3 α (Z)]]-[[[2-[[2-[[Aminocarbonyl]oxy]methyl]-4-oxo-1-sulfo-3-azetidyl]amino]-1-(2-amino-4-thiazolyl)-2-oxoethylidene]amino]oxy]acetic acid disodium salt.
AMA-1080; Ro-17-2301; Amasulin; Mobactam. Antibacterial. *Hoffmann-LaRoche Inc.*

1915 Cefaclor

70356-03-5 1962

$C_{15}H_{14}ClN_3O_4S.H_2O$
[6R-[6 α ,7 β (R*)]]-7-[[Aminophenylacetyl]amino]-3-chloro-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.
compd 99638; Alfacet; Alfatil; Ceclor; Distaclor; Panacef;

Panoral. Antibacterial. $\lambda_m = 265$ nm ($\epsilon = 6800$); soluble in H_2O , insoluble in organic solvents. <i>Eli Lilly & Co.</i>			
1916 Cefaclor [anhydrous]			
53994-73-3	1962	258-909-5	
$C_{15}H_{14}ClN_3O_4S$ [6R-[6 α ,7 β (R*)]]-7-[[Aminophenylacetyl]amino]-3-chloro-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. Antibacterial. <i>Eli Lilly & Co.</i>			
1917 Cefadroxil			
66592-87-8	1963	256-555-6	
$C_{16}H_{17}N_3O_5S \cdot H_2O$ [6R-[6 α ,7 β (R*)]]-7-[[Amino(4-hydroxyphenyl)acetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene 2-carboxylic acid. BL-S578; MJF-11567-3; Baxan; Bidocef; Cefa-Drops; Cefamox; Ceforal; Cephos; Duracef; Duricef; Kefroxil; Oracéfal; Sedral; Ultracef. Antibacterial. mp = 197° (dec). <i>Bristol-Myers Squibb Pharmaceutical Res. and Dev.</i>			
1918 Cefadroxil Hemihydrate			
119922-85-9			
$C_{16}H_{17}N_3O_5S \cdot 1/2H_2O$ [6R-[6 α ,7 β (R*)]]-7-[[Amino(4-hydroxyphenyl)acetyl]-amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene 2-carboxylic acid hemihydrate. Antibacterial. <i>Bristol-Myers Squibb Pharmaceutical Res. and Dev.</i>			
1919 Cefalonium			
5575-21-3		226-948-7	
$C_{20}H_{18}N_4O_5S_2$ 3-(4-Carbamoylpyridylmethyl)-8-oxo-7-(phenylacetamido)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. Cepravin D.C. Cephalosporin antibiotic; used to treat mastitis in cows.			
1920 Cefaloram			
859-07-4		212-725-1	
$C_{18}H_{18}N_2O_6S$ (Acetoxymethyl)-8-oxo-7-(phenylacetamido)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. Antibacterial.			
1921 Cefamandole			
34444-01-4	1964	252-030-0	
$C_{18}H_{18}N_6O_5S_2$ [6R-[6 α ,7 β (R*)]]-7-[[Hydroxyphenylacetyl]amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene 2-carboxylic acid. CMT; compd 83405. Antibacterial. <i>Eli Lilly & Co.</i>			
1922 Cefamandole Nafate			
42540-40-9	1964	255-877-4	
$C_{19}H_{17}N_6NaO_5S_2$ [6R-[6 α ,7 β (R*)]]-7-[[Hydroxyphenylacetyl]amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene 2-carboxylic acid salt with sodium sulfate. Bergacef; Cedol; Cefam; Cefiran; Cemado; Cemandil; Fado; Kefadol; Kefandol; Lampomandol; Mandokef; Mandol; Mandolsan; Neocefal; Pavecef. Antibacterial. mp = 190° (dec); $\lambda_m = 269$ nm (ϵ 10800 H_2O); soluble in			
H_2O , EtOH; insoluble in organic solvents. <i>Eli Lilly & Co.</i>			
1923 Cefamandole Sodium			
30034-03-8		250-009-0	
$C_{18}H_{17}N_6NaO_5S_2$ [6R-[6 α ,7 β (R*)]]-7-[[Hydroxyphenylacetyl]amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene 2-carboxylic acid sodium salt. Antibacterial. <i>Eli Lilly & Co.</i>			
1924 Cefaparole			
51627-20-4		257-325-8	
$C_{19}H_{19}N_3O_5S_3$ (6R,7R)-7-[(R)-2-Amino-2-(p-hydroxyphenyl)acetamido]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. 110264. Antibacterial. <i>Eli Lilly & Co.</i>			
1925 Cefatrizine			
51627-14-6	1965	257-324-2	
$C_{18}H_{11}N_6O_5S_2$ [6R-[6 α ,7 β (R*)]]-7-[[Amino(4-hydroxyphenyl)acetyl]amino]-8-oxo-3-[[[(1H-1,2,3-triazol-4-ylthio)methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. BL-S640; SKF-60771; S-640P; Cefaperos. Antibacterial. LD ₅₀ (mmus ip) = 6880 mg/kg, (fmus ip) = 6410 mg/kg, (mrat ip) = 4325 mg/kg, (frat ip) = 4325 mg/kg. <i>Bristol-Myers Squibb Pharmaceutical Res. and Dev.</i>			
1926 Cefazaflur			
58665-96-6			
$C_{13}H_{13}F_3N_6O_4S_3$ (6R,7R)-3-[[[(1-Methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-7-[2-[[trifluoromethyl]thio]acetamido]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. Antibacterial. <i>SmithKline Beecham Pharmaceuticals.</i>			
1927 Cefazaflur Sodium			
52123-49-6			
$C_{13}H_{12}F_3N_6NaO_4S_3$ Sodium (6R,7R)-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-7-[2-[[trifluoromethyl]thio]acetamido]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate. SK&F-59962. Antibacterial. <i>SmithKline Beecham Pharmaceuticals.</i>			
1928 Cefazedone			
56187-47-4	1966		
$C_{18}H_{15}Cl_2N_5O_5S_3$ (6R,7R)-7-[[[(3,5-Dichloro-4-oxo-1(4H)-pyridinyl)acetyl]amino]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. EMD-30087. Antibacterial. <i>E. Merck.</i>			
1929 Cefazedone Sodium			
63521-15-3	1966	264-293-9	
$C_{18}H_{14}Cl_2N_5NaO_5S_3$ (6R-trans)-7-[[[(3,5-Dichloro-4-oxo-1(4H)-pyridinyl)acetyl]amino]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt. Refosporin. Antibacterial. LD ₅₀ (mus iv) = 6800 mg/kg, (rat iv) = 4225 mg/kg, (rbt iv) = 3200 mg/kg, (dog iv) =			

3000 mg/kg. Bayer Corp., Pharmaceutical Div.

1930 Cefazolin

25953-19-9 1967 247-362-8

$C_{14}H_{14}N_8O_4S_3$
(6R-trans)-3-[[[(5-Methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-7-[(1H-tetrazol-1-ylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.
CEZ. Antibacterial. mp = 198-200° (dec); λ_m 272 nm (ϵ 13150 pH 6.4); easily soluble in DMF, C_5H_5N ; soluble in Me_2CO , aqueous dioxane, aqueous EtOH, slightly soluble in MeOH; practically insoluble in $CHCl_3$, C_6H_6 , Et_2O . Fujisawa USA, Inc.; C.M. Industries.

1931 Cefazolin Sodium

27164-46-1 1967 248-278-4

$C_{14}H_{13}N_8NaO_4S_3$
(6R-trans)-3-[[[(5-Methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-7-[(1H-tetrazol-1-ylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt. sodium CEZ; SKF-41558; Acef; Ancef; Atirin; Biazolina; Bor-Cefazol; Cefacidal; Cefamedin; Cefamezin; Cefazil; Cefazina; Elzogram; Firmacef; Gramaxin; Kefzol; Lampocéf; Liviclina; Totacef; Zolicef. Antibacterial. Crystallizes in three forms, readily soluble in H_2O , less soluble in organic solvents; LD_{50} (rat ip) = 7.4 mg/kg. Fujisawa USA, Inc.

1932 Cefbuperazone

76610-84-9 1968

$C_{22}H_{29}N_9O_9S_2$
[6R-[6 α ,7 α ,7(2R*)]]-7-[[2-[[[4-Ethyl-2,3-dioxo-1-piperazinyl]carbonyl]amino]-3-hydroxy-1-oxobutyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.
Antibacterial. mp = 118-120°. Toyama.

1933 Cefcanel

41952-52-7

$C_{19}H_{18}N_4O_5S_3$
(6R,7R)-7-[(R)-Mandelamido]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.
Cephalosporin antibiotic.

1934 Cefcanel Daloxate

97275-40-6

$C_{27}H_{27}N_5O_9S_3$
(6R,7R)-7-[(R)-Mandelamido]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid cyclic 2,3-carbonate ester with L-alanine.
Cephalosporin antibiotic.

1935 Cefcanel Daloxate

97275-40-6

$C_{27}H_{27}N_5O_9S_3$
2,3-Dihydroxy-2-butenyl (6R,7R)-7-[(R)-mandelamido]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate cyclic 2,3-carbonate ester with L-alanine.
Cephalosporin antibiotic.

1936 Cefcapene

135889-00-8

1969

$C_{17}H_{19}N_5O_6S_2$
[6R-[6 α ,7 β (Z)]]-3-[[[(Aminocarbonyl)oxy]methyl]-7-[[2-(2-amino-4-thiazolyl)-1-oxo-2-pentenyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.
Cefcapene pivoxil free acid; S-1006. Antibacterial. Shionogi & Co., Ltd.

1937 Cefcapene Pivoxil

105889-45-0

$C_{23}H_{29}N_5O_8S_2$
[6R-[6 α ,7 β (Z)]]-3-[[[(Aminocarbonyl)oxy]methyl]-7-[[2-(2-amino-4-thiazolyl)-1-oxo-2-pentenyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)methyl ester.
S-1108; Flumax. Antibacterial. Shionogi & Co., Ltd.

1938 Cefclidin

105239-91-6

1970

$C_{21}H_{26}N_8O_6S_2$
[6R-[6 α ,7 β (Z)]]-4-(Aminocarbonyl)-1-[[7-[[[(5-amino-1,2,4-thiadiazol-3-yl)(methoxyimino)acetyl]-amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-3-yl]methyl-1-azoniabicyclo[2.2.2]octane inner salt.
E-1040. Antibacterial. LD_{50} (mmus iv) > 10000 mg/kg, (mmus orl) > 10000 mg/kg, (mmus sc) > 10000 mg/kg, (mmus im) > 5000 mg/kg, (fms iv) > 10000 mg/kg, (fms orl) > 10000 mg/kg, (fms sc) > 10000 mg/kg, (fms im) > 5000 mg/kg, (mrat iv) = 2236 mg/kg, (mrat orl) > 10000 mg/kg, (mrat sc) > 10000 mg/kg, (mrat im) > 5000 mg/kg, (frat iv) = 2147 mg/kg, (frat orl) > 10000 mg/kg, (frat sc) > 10000 mg/kg, (frat im) > 5000 mg/kg. Eisai.

1939 Cefdaloxime

80195-36-4

$C_{14}H_{15}N_5O_6S_2$
(+)-(6R,7R)-7-[2-(2-Amino-4-thiazolyl)glyoxylamido]-3-(methoxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 7²-(Z)-oxime.
Antibacterial.

1940 Cefdinir

91832-40-5

1971

$C_{14}H_{13}N_5O_5S_2$
[6R-[6 α ,7 β (Z)]]-7-[[2-Amino-4-thiazolyl](hydroxyimino)acetyl]amino]-3-ethenyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.
FK-482; BMV-28488. Antibacterial. mp = 170° (dec); λ_m 223, 286 (ϵ 17400, 19700 pH 7 phosphate buffer). Fujisawa USA, Inc.

1941 Cefditoren

104145-95-1

1972

$C_{19}H_{18}N_6O_5S_3$
[6R-[3(Z),6 α ,7 β (Z)]]-7-[[2-Amino-4-thiazolyl]- (methoxyimino)acetyl]amino]-3-[2-(4-methyl-5-thiazolyl)ethenyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.
ME-1206. Antibacterial. Meiji.

1942 Cefditoren Pivoxil

117467-28-4

1972

$C_{25}H_{28}N_6O_7S_3$
[6R-[3(Z),6 α ,7 β (Z)]]-7-[[2-Amino-4-thiazolyl]- (methoxyimino)acetyl]amino]-3-[2-(4-methyl-5-

thiazolyl)ethenyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid pivaloyloxymethyl ester.

ME-1207; Meiact. Antibacterial. mp = 127-129°; $[\alpha]_D^{20}$ = -48.5° (c = 0.5 in MeOH). *Meiji*.

1943 Cefepime

88040-23-7 1973



[6R-[6 α ,7 β (Z)]]-1-[[[2-Amino-4-thiazolyl)-(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-1-methylpyrrolidinium inner salt.

BMV-28142. Antibacterial. mp = 150° (dec); λ_m 235, 257 nm (ϵ 16700, 16100 pH 7 phosphate buffer). *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

1944 Cefepime Hydrochloride

123171-59-5 1973



[6R-[6 α ,7 β (Z)]]-1-[[[7-[[2-Amino-4-thiazolyl)-(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-1-methylpyrrolidinium monohydrochloride monohydrate. Axepim. Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

1945 Cefetamet

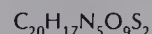
65052-63-3 1974



[6R-[6 α ,7 β (Z)]]-7-[[[2-Amino-4-thiazolyl)-(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. deacetoxycefotaxime. Antibacterial. *Roussel-UCLAF*.

1946 Cefetecol

127182-67-6



(6R,7R)-7-[2-(2-Amino-4-thiazolyl)glyoxylamido]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. GR-69153X. Antibacterial. *Glaxo Labs*.

1947 Cefetizole

65307-12-2

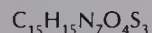


(6R,7R)-8-Oxo-7-[2-(2-thienyl)acetamido]-3-[(s-triazolo-3-ylthio)methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Cephalosporin antibiotic.

1948 Cefivitril

66474-36-0

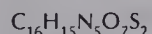


(6R,7R)-7-[2-[[[2-Cyanovinyl]thio]acetamido]-3-[[[1-methyl-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Cephalosporin antibiotic.

1949 Cefixime

79350-37-1 1975



[6R-[6 α ,7 β (Z)]]-7-[[[2-Amino-4-thiazolyl)-[(carboxymethoxy)imino]acetyl]amino]-3-ethenyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. FK-027; FR-17027; CL-284635; Cefixoral; Cefspan; Cephoral; Oroken; Suprax; Unixime. Antibacterial.

Fujisawa USA, Inc.; Lederle Labs.

1950 Cefluprenam

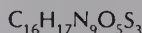
116853-25-9



(-)-[(E)-3-[[6R,7R)-7-[2-(5-Amino-1,2,4-thiadiazol-3-yl)glyoxylamido]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]allyl](carbamoylethyl)methylammonium hydroxide inner salt 7²-(Z)-[O-(fluoromethyl)oxime]. Cephalosporin antibiotic.

1951 Cefmenoxime

65085-01-0 1976



[6R-[6 α ,7 β (Z)]]-7-[[[2-amino-4-thiazolyl)-(methoxyimino)acetyl]amino]-3-[[[1-methyl-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. SCE-1365. Antibacterial. *Abbott Labs.; Roussel-UCLAF; Takeda*.

1952 Cefmenoxime Hydrochloride

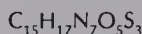
75738-58-8 1976 278-299-4



[6R-[6 α ,7 β (Z)]]-7-[[[2-Amino-4-thiazolyl)-(methoxyimino)acetyl]amino]-3-[[[1-methyl-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid hydrochloride (syn isomer). (6R,7R)-7-[2-(2-amino-4-thiazolyl)glyoxylamido]-3-[[[1-methyl-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 7²-(Z)-(O-methyl)oxime hydrochloride; Cefmax; SCE 1365; Abbott 50192; Bestcall; Cefmax; Cemix; Tacef. Antibacterial. *Abbott Labs.; Roussel-UCLAF; Takeda*.

1953 Cefmetazole

56796-20-4 1977 260-384-2

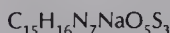


(6R-cis)-7-[[[[(Cyanomethyl)thio]acetyl]amino]-7-methoxy-3-[[[1-methyl-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

CS-1170; SKF-83088. Antibacterial. Very soluble in H₂O, MeOH; soluble in Me₂CO; LD₅₀ (rat iv) > 5000 mg/kg. *Squibb, E.R. & Sons*.

1954 Cefmetazole Sodium

56796-39-5 1977



(6R-cis)-7-[[[[(Cyanomethyl)thio]acetyl]amino]-7-methoxy-3-[[[1-methyl-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt.

Cefmetazon; Metafar; Metazol; Zefazone. Antibacterial. Very soluble in H₂O, MeOH; soluble in Me₂CO; LD₅₀ (rat iv) > 5000 mg/kg. *Sankyo*.

1955 Cefminox

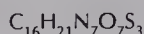
84305-41-9 1978



[6R-[6 α ,7 α ,7(S*)]]-7-[[[2-Amino-2-carboxyethyl]thio]acetyl]amino]-7-methoxy-3-[[[1-methyl-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid. Antibacterial. *Meiji*.

1956 Cefminox

75481-73-1



(6R,7S)-7-[2-[[[(S)-2-Amino-2-carboxyethyl]thio]-acetyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Cephalosporin antibiotic.

1957 Cefminox Sodium Salt

75498-96-3

1978



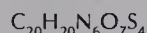
[6R-[6 α ,7 α ,7(S*)]]-7-[[[(2-Amino-2-carboxyethyl)thio]-acetyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt heptahydrate.

MT-141; Meicelin. Antibacterial. mp = 90-91°; LD₅₀ (mmus iv) = 6100 mg/kg, (fmsus iv) = 5200 mg/kg, (mrat iv) = 6600 mg/kg, (mrat ip) = 8600 mg/kg, (frat orl) > 15000 mg/kg, (frat iv) = 5700 mg/kg, (frat ip) = 8550 mg/kg, (frat orl) > 15000 mg/kg. *Meiji*.

1958 Cefodizime

69739-16-8

1979



[6R-(6 α ,7 β)]-7-[[[(2-Amino-4-thiazolyl)methoxyimino]-acetyl]amino]-3-[[[5-(carboxymethyl)-4-methyl-2-thiazolyl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Antibacterial. [α]_D²⁵ = -55.9°; λ_m 228,260, 288 nm (log ϵ 4.25, 4,25, 4,20, H₂O). *Hoechst*.

1959 Cefodizime Disodium Salt

86329-79-5

1979



[6R-(6 α ,7 β)]-7-[[[(2-Amino-4-thiazolyl)methoxyimino]-acetyl]amino]-3-[[[5-(carboxymethyl)-4-methyl-2-thiazolyl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid disodium salt.

HR-221; THR-221; Kenicef; Timecef. Antibacterial. Soluble in H₂O ($\approx$ 27.0 g/100 ml); LD₅₀ (mus iv) = 4000-8000 mg/kg, (rbt iv) = 4000-8000 mg/kg, (rat iv) = 4000-8000 mg/kg, (rat sc) = 15000-17500 mg/kg, (rat ip) = 8000-22000 mg/kg. *Hoechst*.

1960 Cefonicid

61270-58-4

1980



[6R-[6 α ,7 β (R*)]]-7-[(Hydroxyphenylacetyl)amino]-8-oxo-3-[[[1-(sulfomethyl)-1H-tetrazol-5-yl]thio]methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Antibacterial. *SmithKline Beecham Pharmaceuticals*.

1961 Cefonicid Sodium

71420-79-6

1980



[6R-[6 α ,7 β (R*)]]-7-[(Hydroxyphenylacetyl)amino]-8-oxo-3-[[[1-(sulfomethyl)-1H-tetrazol-5-yl]thio]methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt.

SKF-75073; Cefodie; Mopnocid; Monocidur; Praticef. Antibacterial. *SmithKline Beecham Pharmaceuticals*.

1962 Cefoperazone

62893-19-0

1981

263-749-4



[6R-[6 α ,7 β (R*)]]-7-[[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino](4-hydroxyphenyl)-acetyl]amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

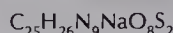
Antibacterial. mp = 169-171° (hydrated). *Roerig Div., Pfizer Pharmaceuticals; Toyama*.

1963 Cefoperazone Sodium

62893-20-3

1981

263-751-5



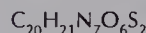
[6R-[6 α ,7 β (R*)]]-7-[[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino](4-hydroxyphenyl)-acetyl]amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt.

CP-52640-2; T-1551; Bioperazone; Cefazone; Cefobid; Cefobine; Cefobis; Cefogram; Cefoneg; Cefosint; Dardum; Farecef; Kefazon; Novobiocyl; Pathozone; Peracef; Perocef; Tomabef. Antibacterial. *Roerig Div., Pfizer Pharmaceuticals; Toyama*.

1964 Ceforanide

60925-61-3

1982



(6R-trans)-7-[[[(2-(Aminomethyl)phenyl)acetyl]amino]-3-[[[1-(carboxymethyl)-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

BL-S786; Precef. Antibacterial. mp >150° (dec). *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

1965 Cefoselis

122841-10-5



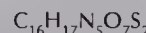
(-)-5-Amino-2-[[[(6R,7R)-7-[2-(2-amino-4-thiazolyl)-glyoxylamido]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-1-(2-hydroxyethyl)-pyrazolium hydroxide inner salt 7²-(Z)-(O-methyloxime). Cephalosporin antibiotic.

1966 Cefotaxime

63527-52-6

1983

264-299-1



[6R-[6 α ,7 β (Z)]]-3-[(Acetyloxy)methyl]-7-[[[(2-amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

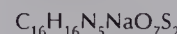
Antibacterial. *Roussel-UCLAF; Hoechst-Roussel Pharmaceuticals Inc.*

1967 Cefotaxime Sodium

64485-93-4

1983

264-915-9



[6R-[6 α ,7 β (Z)]]-3-[(Acetyloxy)methyl]-7-[[[(2-amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt.

HR-756; RU-24756; Cefotax; Chemcef; Claforan; Pretor; Tolyar. Antibacterial. [α]_D²⁰ = +55 $\pm$ 2° (c = 0.8 in H₂O).

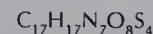
Roussel-UCLAF; Hoechst-Roussel Pharmaceuticals Inc.

1968 Cefotetan

69712-56-7

1984

274-093-3



[6R-(6 α ,7 α)]-7-[[[4-(2-Amino-1-carboxy-2-oxoethylidene)-1,3-dithietan-2-yl]carbonyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic

acid.

Cefotan; ICI-156834. Antibacterial. Soluble in H₂O; LD₅₀ (mmus iv) = 6350 mg/kg, (mmus ip) = 8120 mg/kg, (mmus sc,orl) > 10000 mg/kg, (mrat iv) = 8480, (mrat ip) = 8370 mg/kg, (mrat sc,orl) > 10000 mg/kg. *Zeneca Pharmaceuticals*.

1969 Cefotetan Disodium

74356-00-6 1984 277-834-9

C₁₇H₁₅N₇Na₂O₈S₄
[6R-(6 α ,7 α)]-7-[[[4-(2-Amino-1-carboxy-2-oxoethylidene)-1,3-dithietan-2-yl]carbonyl]amino]-7-methoxy-3-[[[1-methyl-1H-tetazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid disodium salt.

YM-09330; Apatet; Cefotan; Ceftenon; Cepan Darvilen. Antibacterial. LD₅₀ (mmus iv) = 6350 mg/kg, (mmus ip) = 8120 mg/kg, (mmus sc,orl) > 10000 mg/kg, (mrat iv) = 8480, (mrat ip) = 8370 mg/kg, (mrat sc,orl) > 10000 mg/kg. *Zeneca Pharmaceuticals*.

1970 Cefotiam

61622-34-2 1985

C₁₈H₂₃N₉O₄S₃
(6R-trans)-7-[[[2-Amino-4-thiazolyl]-acetyl]amino]-3-[[[1-[2-(dimethylamino)ethyl]-1H-tetrazol-5-yl]-thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

SCE-963. Antibacterial. *Abbott Labs.; Takeda*.

1971 Cefotiam Dihydrochloride

66309-69-1 1985 266-312-6

C₁₈H₂₅Cl₂N₉O₄S₃
(6R-trans)-7-[[[2-Amino-4-thiazolyl]-acetyl]amino]-3-[[[1-[2-(dimethylamino)ethyl]-1H-tetrazol-5-yl]-thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid dihydrochloride.

Abbott 48999; CGP-14221/E; Halospor; Pansporin; Pansporine; Spizef; Sporidyn. Antibacterial. Soluble in MeOH; slightly soluble in EtOH. *Abbott Labs.; Takeda*.

1972 Cefoxazole

36920-48-6

C₂₁H₁₈ClN₃O₇S
(6R,7R)-7-[3-(o-Chlorophenyl)-5-methyl-4-isoxazolecarboxamido]-3-(hydroxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid acetate (ester).

Cephalosporin antibiotic.

1973 Cefoxitin

35607-66-0 1986 252-641-2

C₁₆H₁₇N₃O₇S₂
(6R-cis)-3-[[[Aminocarbonyl]oxy]methyl]-7-methoxy-8-oxo-7-[[[2-thienylacetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Mefoxin. Antibacterial. mp = 149-150°; poorly soluble in H₂O, soluble in organic solvents; LD₅₀ (rat orl) = 8980 mg/kg. *Merck & Co., Inc.*

1974 Cefoxitin Sodium

33564-30-6 1986 251-574-6

C₁₆H₁₆N₃NaO₇S₂
(6R-cis)-3-[[[Aminocarbonyl]oxy]methyl]-7-methoxy-8-oxo-7-[[[2-thienylacetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt.

Cefoxitin sodium salt; MK-306; Betacef; Farmoxin; Mefoxin; Mefoxitin; Merxin; Cenomycin. Antibacterial. $[\alpha]_{589\text{nm}}^{25} = +210^\circ$ (c = 1 in MeOH); very soluble in H₂O; soluble in MeOH; sparingly soluble in EtOH, Me₂CO; insoluble in aromatic and aliphatic hydrocarbons; LD₅₀ (mus iv) = 5.10 mg/kg, (rat iv) = 8.98 mg/kg, (dog iv) > 10 mg/kg. *Merck & Co., Inc.*

1975 Cefozopran

113359-04-9 1987

C₁₉H₁₇N₉O₅S₂
[6R-[6 α ,7 β (Z)]]-1-[[[7-[[[5-Amino-1,2,4-thiadiazol-3-yl](methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-3-yl]methyl]imidazo[1,2-b]pyridazinium inner salt.

Antibacterial. *Takeda*.

1976 Cefpimizole

84880-03-5 1988

C₂₈H₂₆N₆O₁₀S₂
[6R-[6 α ,7 β (R*)]]-1-[[[2-Carboxy-7-[[[5-carboxy-1H-imidazol-4-yl]carbonyl]amino]phenylacetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-4-(2-sulfoethyl)pyridinium hydroxide inner salt.

U-63196; AC-1370. Antibacterial. *Ajinomoto Co. Inc.*

1977 Cefpimizole Sodium

85287-61-2 1988

C₂₈H₂₅N₆NaO₁₀S₂
[6R-[6 α ,7 β (R*)]]-1-[[[2-Carboxy-7-[[[5-carboxy-1H-imidazol-4-yl]carbonyl]amino]phenylacetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-4-(2-sulfoethyl)pyridinium hydroxide inner salt monosodium salt.

U-63196E; Ajicet; Renilan. Antibacterial. $[\alpha]_D^{20} = -28.2^\circ$ (c = 0.5 in H₂O); λ_m 257 nm (ϵ 22400 H₂O); soluble in H₂O; LD₅₀ (mmus iv) = 2700 mg/kg, (mmus sc) = 8200 mg/kg, (mmus orl) > 15000 mg/kg, (fmus iv) = 2900 mg/kg, (fmus sc) = 6800 mg/kg, (fmus orl) > 15000 mg/kg, (mrat iv) = 4200 mg/kg, (mrat sc) = 12200 mg/kg, (mrat orl) > 15000 mg/kg, (frat ip) = 3500 mg/kg, (frat sc) = 11500 mg/kg, (frat orl) > 15000 mg/kg. *Ajinomoto Co. Inc.*

1978 Cefpiramide

70797-11-4 1989

C₂₅H₂₄N₈O₇S₂
[6R-[6 α ,7 β (R*)]]-7-[[[4-Hydroxy-6-methyl-3-pyridinyl]carbonyl]amino](4-hydroxyphenyl)acetyl]amino]-3-[[[1-methyl-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Antibacterial. mp = 213-215°. *Sumitomo*.

1979 Cefpiramide Sodium

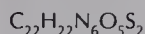
74849-93-7 1989

C₂₅H₂₃N₈NaO₇S₂
[6R-[6 α ,7 β (R*)]]-7-[[[4-Hydroxy-6-methyl-3-pyridinyl]carbonyl]amino](4-hydroxyphenyl)acetyl]amino]-3-[[[1-methyl-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt.

SM-1652; Wy-44635; Cefpiran; Suncefal; Sepatren. Antibacterial. *Sumitomo*.

1980 Cefpirome

84957-29-9 1990



[6R-[6 α ,7 β (Z)]]-1-[[[(2-Amino-4-thiazolyl)methoxyimino]acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-3-yl)methyl]-6,7-dihydro-5H-cyclopenta[b]pyridinium inner salt.

HR-810. Antibacterial. LD₅₀ (mus iv) = 1900-2400 mg/kg, (mus ip) = 2300-4200 mg/kg, (rat iv) = 1900-2150 mg/kg, (rat ip) = 5800-6550 mg/kg. *Hoechst*.

1981 Cefpirome Sulfate

98753-19-6 1990

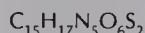


[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-3-yl)methyl]-6,7-dihydro-5H-cyclopenta[b]pyridinium inner salt sulfate.

Broact; Cefrom; Keitin. Antibacterial. Dec 198-202°; [α]_D²⁵ = -4.7° (c = 5 in H₂O); λ_m = 265 nm (ϵ 21100); soluble in aqueous buffer, pH 6.5 (>50g/100 ml). *Hoechst*.

1982 Cefpodoxime

80210-62-4

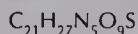


[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)methoxyimino]acetyl]amino]-3-(methoxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Antibacterial. *Sankyo*.

1983 Cefpodoxime Proxetil

87239-81-4 1991



[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)methoxyimino]acetyl]amino]-3-(methoxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 1-[[[(1-methylethoxy)carbonyl]oxy]ethyl ester.

CS-807; U-76252; Banan; Cefodox; Orelox; Otreon; Vantin. Antibacterial. LD₅₀ (mmus sc) > 10000 mg/kg, (mmus ip) = 3502 mg/kg, (mmus orl) > 8000 mg/kg, (fimus sc) > 10000 mg/kg, (fimus ip) = 2535 mg/kg, (fimus orl) > 8000 mg/kg, (mrat sc) > 2000 mg/kg, (mrat ip) > 4000 mg/kg, (mrat orl) > 4000 mg/kg, (frat sc) > 2000 mg/kg, (frat ip) > 4000 mg/kg, (frat orl) > 4000 mg/kg. *Sankyo*.

1984 Cefprozil [anhydrous]

92665-29-7 1992



[6R-[6 α ,7 β (R*)]]-7-[[[Amino(4-hydroxyphenyl)acetyl]amino]-8-oxo-3-(1-propenyl)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Antibacterial. *Bristol Labs*.

1985 Cefprozil Monohydrate

121123-17-9 1992



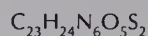
[6R-[6 α ,7 β (R*)]]-7-[[[Amino(4-hydroxyphenyl)acetyl]amino]-8-oxo-3-(1-propenyl)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrate.

BMV-28100-03-800; Cefzil; Procef; BMV-28100 [Z form]; BMV-28167 [E form]; BBS-1067. Antibacterial. [Z Form]: mp = 218-220° (dec); λ_m 228, 279 nm (ϵ 12300, 9800 pH

7 phosphate buffer); [E Form]: mp = 230° (dec); λ_m 228, 292 nm (ϵ 13000, 16900 pH 7 phosphate buffer). *Bristol Labs*.

1986 Cefquinome Sulfate

118443-89-3

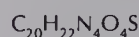


[6R-[6 α ,7 β (Z)]]-7-[2-(2-Amino-4-thiazolyl)glyoxylamido]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl)methyl]5,6,7,8-tetrahydroquinolinium hydroxide inner salt 7²-(Z)-(O-methyloxime) sulfate (1:1).

Antibacterial. *Hoechst-Roussel Pharmaceuticals Inc.*

1987 Cefrotil

52231-20-6



(6R,7R)-3-Methyl-8-oxo-[2-[p-(1,4,5,6-tetrahydro-2-pyrimidinyl)phenyl]acetamido]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Cephalosporin antibiotic.

1988 Cefroxadine

51762-05-1 1993 257-391-8



[6R-[6 α ,7 β (R*)]]-7-[[Amino-1,4-cyclohexadien-1-ylacetyl]amino]-3-methoxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

CGP-9000; Oraspor. Antibacterial. mp = 170° (dec); [α]_D²⁰ = +87° (c = 1.093 in 0.1N HCl); λ_m 267 nm (ϵ 6100 0.1N HCl); LD₅₀ (mus orl) > 6000 mg/kg, (mus ip) = 7090 mg/kg. *Ciba-Geigy Corp.*

1989 Cefsulodin

62587-73-9 1994



[6R-[6 α ,7 β (R*)]]-4-(Aminocarbonyl)-1-[[2-carboxy-8-oxo-7-[[phenylsulfoacetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl)methyl]pyridinium hydroxide inner salt monosodium salt.

Antibacterial. *Ciba-Geigy Corp.; Takeda*.

1990 Cefsulodin Sodium

52152-93-9 1994 257-692-4



[6R-[6 α ,7 β (R*)]]-4-(Aminocarbonyl)-1-[[2-carboxy-8-oxo-7-[[phenylsulfoacetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl)methyl]pyridinium inner salt sodium salt.

Cefsulodin sodium; 7-(α -sulphophenylacetamido)-3-(4'-carbamoylpyridinium)methyl-3-cephem-4-carboxylic acid sodium salt; sulcephalosporin; Abbot 46811; CGP-7174/E; SCE-129; Cefomonil; Monaspor; Pseudomonil; Pseudocef; Pyocefal; Takesulin; Tilmapor; Ulfar. Antibacterial. mp = 175° (dec); LD₅₀ (mus orl) > 15000 mg/kg, (mus ip) > 4000 mg/kg. *Ciba-Geigy Corp.; Takeda*.

1991 Cefsumide

54818-11-0

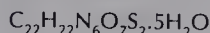


(6R,7R)-7-[[2-(2-Amino-2-(methanesulfonamidophenyl)acetamido)-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Cephalosporin antibiotic.

1992 Cefprozil Pentahydrate

78439-06-2 1995 276-715-9

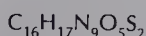


[6R-[6 α ,7 β (Z)]]-4-(Aminocarbonyl)-1-[[7-[[[(2-amino-4-thiazolyl)](1-carboxy-1-methylethoxy)imino]acetyl]-amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl)methyl]pyridinium inner salt sodium salt pentahydrate.

Ceftim; Fortam; Fortaz; Fortum; Glazidim; Kefadim; Kefamin; Kefazim; Modacin; Panzid; Spectrum; Starcef; Tazicef; Tazidime. Antibacterial. λ_m = 257 nm ($E_{1\text{ cm}}^{1\%}$ 348). Glaxo Wellcome Inc.; Eli Lilly & Co.; SmithKline Beecham Pharmaceuticals.

1993 Cefteram

82547-58-8 1996

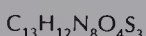


[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)-(methoxyimino)acetyl]-amino]-3-[(5-methyl-2H-tetrazol-2-yl)methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-2-carboxylic acid.

ceftetram; Ro-19-5247; T-2525. Antibacterial. mp > 200°. Toyama.

1994 Ceftezole

26973-24-0 1997



(6R-trans)-8-Oxo-7-[(1H-tetrazol-1-ylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

CTZ; CG-B3Q. Antibacterial. mp = 155° (dec); λ_m 273 nm ($E_{1\text{ cm}}^{1\%}$ 274 pH 6.4). Fujisawa USA, Inc.

1995 Ceftibuten

97519-39-6 1998

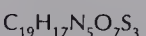


[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)-4-carboxy-1-oxo-2-butenyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

7432-S; Sch-39720. Antibacterial. Shionogi & Co., Ltd.

1996 Ceftiofur

80370-57-6 1999

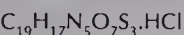


[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-3-[[[(2-furanylcarbonyl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Antibacterial. Sanofi, Inc.

1997 Ceftiofur Hydrochloride

103980-44-5 1999

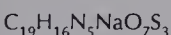


[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-3-[[[(2-furanylcarbonyl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrochloride.

U-67279A. Antibacterial. Sanofi, Inc.

1998 Ceftiofur Sodium

104010-37-9 1999



[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)-(methoxyimino)acetyl]amino]-3-[[[(2-furanylcarbonyl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monosodium salt.

CM-31916; U-64279E; Excenel; Naxcel. Antibacterial. Sanofi, Inc.

1999 Ceftioleone

77360-52-2



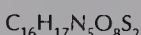
(6R,7R)-7-[2-(2-Amino-4-thiazolyl)glyoxylamido]-3-[(E)-2-[[4-(formylmethyl)-1,4,5,6-tetrahydro-5,6-dioxo-as-triazin-3-yl]thio]vinyl]-8-oxo-5-thia-1-

azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 7²-(Z)-(O-methyloxime).

Cephalosporin antibiotic.

2000 Ceftiozide

71048-88-9

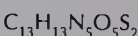


(5S,6R,7R)-7-[2-(2-Amino-4-thiazolyl)glyoxylamido]-3-(hydroxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 7²-(Z)-(O-methyloxime).

Cephalosporin antibiotic.

2001 Ceftizoxime

68401-81-0 2000



[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Antibacterial. Fujisawa USA, Inc.

2002 Ceftizoxime Sodium

68401-82-1 2000

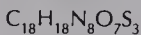


[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt.

FK-749; FR-13479; SKF-88373; Cefizox; Ceftix; Ceftizon; Epocelin; Eposerin. Antibacterial. LD₅₀ (rat, mice iv) = 6000 mg/kg. Fujisawa USA, Inc.

2003 Ceftriaxone

73384-59-5 2001 277-405-6

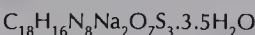


[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-3-[[[(1,2,5,6-tetrahydro-2-methyl-5,6-dioxo-1,2,4-triazin-3-yl)thio]methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-en-2-carboxylic acid.

ceftriaxone. Antibacterial. Hoffmann-LaRoche Inc.

2004 Ceftriaxone Sodium

104376-79-6 2001



[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-3-[[[(1,2,5,6-tetrahydro-2-methyl-5,6-dioxo-1,2,4-triazin-3-yl)thio]methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid disodium salt hemiheptahydrate.

Ro-13-9904/001; Rocefin; Rocephin(e). Antibacterial. mp >155° (dec); [α_D^{25} = -165° (c = 1 in H₂O); λ_m (H₂O) = 242, 272 nm (ϵ 32300, 29530); soluble in H₂O (40 g/100 ml); LD₅₀ (mmus iv) = 3000 mg/kg, (mmus orl) > 10000 mg/kg, (fmsus iv) = 2800 mg/kg, (fmsus orl) > 10000 mg/kg, (mrat iv) = 2175 mg/kg, (mrat orl) > 10000 mg/kg, (frat iv) = 2175 mg/kg, (frat orl) > 10000 mg/kg. Hoffmann-

LaRoche Inc.

2005 Cefuracetime

39685-31-9

 $C_{17}H_{17}N_3O_8S$

(6R,7R)-7-[2-(2-Furyl)glyoxyamido]-3-(hydroxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 7²-(Z)-(O-methyloxime).
Cephalosporin antibiotic.

2006 Cefuroxime

55268-75-2

2002

259-560-1

 $C_{16}H_{16}N_4O_8S$

[6R-[6 α ,7 β (Z)]]-3-[[[Aminocarbonyl]oxy]methyl]-7-[[2-furanyl(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Antibacterial. $[\alpha]_D^{20} = +63.7^\circ$ (c = 1.0 in 0.2 M phosphate buffer, pH 7); λ_m 274 nm (ϵ 17600 pH 6). *Glaxo Wellcome Inc.*

2007 Cefuroxime Axetil

64544-07-6

 $C_{20}H_{22}N_4O_{10}S$

[6R-[6 α ,7 β (Z)]]-3-[[[Aminocarbonyl]oxy]methyl]-7-[[2-furanyl(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 1-acetoxyethyl ester.

CCI-15641; Cefin; Cefurax; Cefazine; Elobact; Oraxim; Zinat; Zinnat. Antibacterial. *Glaxo Wellcome Inc.*

2008 Cefuroxime Pivoxetil

100680-33-9

 $C_{23}H_{28}N_4O_{11}S$

[6R-[6 α ,7 β (Z)]]-3-[[[Aminocarbonyl]oxy]methyl]-7-[[2-furanyl(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)methyl ester.

Antibacterial. *Glaxo Wellcome Inc.*

2009 Cefuroxime Sodium

56238-63-2

2002

260-073-1

 $C_{16}H_{15}N_4NaO_8S$

[6R-[6 α ,7 β (Z)]]-3-[[[Aminocarbonyl]oxy]methyl]-7-[[2-furanyl(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt.

Anaptivan; Biociclin; Biofurex; Bioxima; Cefamar; Cefoprim; Cefumax; Cefurex; Cefurin; Curocef; Curoxim; Duxima; Gibicef; Ipacef; Kefurox; Kesint; Lampsporin; Medoxim; Novocef; Spectrazole; Ultroxim; Zinacef. Antibacterial. $[\alpha]_D^{20} = +60^\circ$ (c = 0.91 in H_2O); λ_m 274 nm (ϵ 17400 H_2O); freely soluble in H_2O ; soluble in MeOH; very slightly soluble in EtOAc, Et_2O , C_6H_6 , $CHCl_3$, octanol. *Glaxo Wellcome Inc.*

2010 Cefuzonam

82219-78-1

2003

 $C_{16}H_{15}N_7O_5S_4$

[6R-[6 α ,7 β (Z)]]-7-[[[2-Amino-4-thiazolyl(methoxyimino)acetyl]amino]-8-oxo-3-[[1,2,3-thiadiazol-5-ylthio]methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

CL-118523. Antibacterial. LD_{50} (fmus iv) = 4117 mg/kg, (fmus ip) = 6424 mg/kg (fmus orl) > 10000 mg/kg, (mmus iv) > 4800 mg/kg, (mmus ip) = 6783 mg/kg, (mmus orl) > 10000 mg/kg, (frat iv) = 4281 mg/kg, (frat ip) > 8000

mg/kg, (frat orl) > 10000 mg/kg, (mrat iv) = 4222 mg/kg, (mrat ip) > 8000 mg/kg, (mrat orl) > 10000 mg/kg.

† American Cyanamid; Takeda.

2011 Cephacetrile

10206-21-0

233-508-8

 $C_{13}H_{13}N_3O_6S$

(6R-trans)-3-[[Acetyloxy]-methyl]-7-[[cyanoacetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Cefacetrile. Antibacterial. *Ciba plc.*

2012 Cephacetrile Sodium

23239-41-0

2019

245-513-2

• $C_{13}H_{12}N_3NaO_6S$

(6R-trans)-3-[[Acetyloxy]-methyl]-7-[[cyanoacetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monosodium salt.

Ciba 36278-Ba; Celospor; Vetimast. Antibacterial. LD_{50} (mus iv) = 4500 ± 540 mg/kg, (mus sc) = 9100 ± 1500 mg/kg. *Ciba plc.*

2013 Cephalixin Monohydrate

15686-71-2

2021

239-773-6

 $C_{16}H_{17}N_3O_4S$

[6R-[6 α ,7 β (R*)]]-7-[[Aminophenylacetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrate.

7-(D- α -aminophenylacetamido)desacetoxycephalosporanic acid; 7-(D-2-amino-2-phenylacetamido)-3-methyl- Δ^3 -cephem-4-carboxylic acid; Ausocef; Cefadros; Cefaloto; Cefibacter; Ceporexine; Cex; Derantel; Efalexin; Farexin; Fergon 500; Garasin; Ibilex; Iwalexin; Larixin; Lexibiotico; Llonexina; Madlexin; Mamalexin; Mecilex; Neolexina; Ohlexin; Oracocin; Rinesal; Sencephalin; Syncl; Taicelexin; Tokiolexin; Xahl. Antibacterial. λ_m = 260 nm (ϵ = 7750); pKa = 5.2, 7.3; [monohydrate]: LD_{50} (rat orl) > 5000 mg/kg. *Eli Lilly & Co.*

2014 Cephalixin

23325-78-2

2021

 $C_{16}H_{17}N_3O_4S \cdot H_2O$

[6R-[6 α ,7 β (R*)]]-7-[[Aminophenylacetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Cefadros; Cefaloto; Cefanex; Cefaseptin; Ceporexine; Cex; Derantel; Efalexin; Farexin; Fergon 500; Garasin; Ibilex; Iwalexin; Larixin; Lexibiotico; Llonexina; Madlexin; Mamalexin; Mecilex; Ohlexin; Oracocin; Rinesal; Sencephalin; Sintolexyn; Syncl; Taicelexin; Tokiolexin; Xahl. Antibacterial. λ_m = 260 nm (ϵ 7750). *Eli Lilly & Co.*

2015 Cephalixin Hydrochloride

105879-42-3

2021

 $C_{16}H_{18}ClN_3O_4S$

[6R-[6 α ,7 β (R*)]]-7-[[Aminophenylacetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid hydrochloride.

LY-061188; Keftab; Cfeaf-Iskia; Cefibacter; Ceporex; Ceporexine; Keforal; Keflet; Keflex; Oracef; Ortisporina; Sartosona; Servispor; 7-(D-2-amino-2-phenylacetamido)-3-methyl- Δ^3 -cephem-4-carboxylic acid monohydrate; Cefa-Iskia; Cefibacter; Ceporex; Ceporexine; Keforal; Keflet; Keflex; Oracef; Ortisporina; Sartosona; Servispor. Antibacterial. LD_{50} (mus orl) = 1600-4500 mg/kg, (mus ip) = 400-1300 mg/kg, (rat orl) > 5000 mg/kg, (rat ip) > 3700

mg/kg. *Eli Lilly & Co.***2016 Cephaloglycin**

22202-75-1

2023

 $C_{18}H_{19}N_3O_6S_2 \cdot 2H_2O$ [6R-[6 α ,7 β (R*)]]-3-[(Acetyloxy)methyl]-7-[(aminophenylacetyl)amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-carboxylic acid dihydrate.Kafocin. Antibacterial. mp = 223-250° (dec); λ_m (2% DMF): 258 nm ($\epsilon_{1cm}^{1\%}$ 166). *Eli Lilly & Co.; Glaxo Wellcome Inc.; Merck & Co., Inc.***2017 Cephaloglycin [anhydrous]**

3577-01-3

2023

222-696-7

 $C_{18}H_{19}N_3O_6S$ [6R-[6 α ,7 β (R*)]]-3-[(Acetyloxy)methyl]-7-[(aminophenylacetyl)amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-carboxylic acid.Kefglycin. Antibacterial. *Eli Lilly & Co.; Glaxo Wellcome Inc.; Merck & Co., Inc.***2018 Cephaloridine**

50-59-9

2025

200-052-6

 $C_{19}H_{17}N_3O_4S_2$

(6R-trans)-1-[(2-Carboxy-8-oxo-7[(2-thienylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl)-methyl]pyridinium inner salt.

1-[(7'- β -[2-(2-thienyl)acetamido]-8'-oxo-1'-aza-5'-thiabicyclo[4.2.0]oct-2'-en-3'-yl)methyl]pyridinium-2'-carboxylate; N-[7-[(2-thienyl)acetamido]ceph-3-em-3-ylmethyl]pyridinium-4-carboxylate; Cefaloridin; Ceflorin; Cepaloridin; Cer; Faredina; Ceporan; Ceforin; Cilifor; Intraspurin; Keflodin; Lloncefal; Sefacin; Cepalorin; Deflorin; Kefspor; Loridine; Aliporina; Ampligram; Floridin. Antibacterial. [α]_D²⁰ = 47.7° (H₂O, c = 1.25); LD₅₀ (rat orl) = 2500-4000 mg/kg; λ_m = 239, 252 nm (ϵ 15160, 13950). *Eli Lilly & Co.; Glaxo Wellcome Inc.***2019 Cephalosporin C**

61-24-5

2026

200-501-6

 $C_{16}H_{21}N_3O_8S^+$ [6R-[6 α ,7 β (R*)]]-3-[(Acetyloxy)methyl]-7-[(5-amino-5-carboxy-1-oxopentyl)amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.Cephalosporin C; Averon-1; Cefalotin; Cemastin; Cephaton; Ceporacin; Cepovenin; Chephalotin; Coaxin; Keflin; Lospoven; Microtin; Synclotin; Toricelocin. Antibacterial. *Merck & Co., Inc.; Parke-Davis; National Research Dev. Corp.***2020 Cephalothin**

153-61-7

2028

205-815-7

 $C_{16}H_{16}N_2O_6S_2$

(6R-trans)-3-[(Acetyloxy)methyl]-8-oxo-7-[(2-thienylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-carboxylic acid.

7-(2-Thienylacetamido)cephalosporanic acid; 7-(thiophene-2-acetamido)cephalosporanic acid. Antibacterial. mp = 160-160.5°; [α]_D²⁰ = 50° (CH₃CN, c = 1.03).**2021 Cephalothin Sodium**

58-71-9

2028

200-394-6

 $C_{16}H_{15}N_2NaO_6S_2$

(6R-trans)-3-[(Acetyloxy)methyl]-8-oxo-7-[(2-thienylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-carboxylic acid sodium salt.

Averon-1; Cefalotin; Cemastin; Cephaton; Ceporacin; Cepovenin; Chephalotin; Coaxin; Keflin; Lospoven; Microtin; Synclotin; Toricelocin. Antibacterial. mp = 204-205°; [α]_D²⁰ = +135° (c = 1.0 in H₂O); λ_m = 236, 260 nm (ϵ 12950, 9350); LD₅₀ (mg/kg) (mus orl) > 20000 mg/kg, (mus ip) = 5670 mg/kg, (rat orl) > 10000 mg/kg, (rat ip) = 7716 mg/kg. *Eli Lilly & Co.; Glaxo Wellcome Inc.***2022 Cephapirin**

21593-23-7

244-466-5

 $C_{17}H_{17}N_3O_6S_2$

(6R-trans)-3-[(Acetyloxy)methyl]-8-oxo-7-[[[4-pyridinylthio]acetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.

Antibacterial. *Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev.***2023 Cephapirin Benzathine**

97468-37-6

 $C_{50}H_{54}N_8O_{12}S_4$

(6R-trans)-3-[(Acetyloxy)methyl]-8-oxo-7-[[[4-pyridinylthio]acetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid compound with N,N-bis(phenylmethyl)-1,2-ethanediamine (2:1).

Antibacterial. *Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev.***2024 Cephapirin Sodium**

24356-60-3

2030

246-194-2

 $C_{17}H_{16}N_3NaO_6S_2$

(6R-trans)-3-[(Acetyloxy)methyl]-8-oxo-7-[[[4-pyridinylthio]acetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monosodium salt.

3-(hydroxymethyl)-8-oxo-7-[2-(4-pyridylthio)acetamido]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid acetate monosodium salt; 7-[α -(4-pyridylthio)acetamido]-cephalosporanic acid sodium salt; sodium 7-(pyrid-4-ylthioacetamido)cephalosporanate; Cephapirin sodium; BL-P-1322; Ambrocef; Brisfirina; Bristocef; Cefadyl; Cef-Lak; Cefatrexyl; Piricef; ToDay. Antibacterial. Soluble in H₂O. *Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev.***2025 Cephradine**

38821-53-3

2032

254-137-8

 $C_{16}H_{19}N_3O_4S$ [6R-[6 α ,7 β (R*)]]-7-[(Amino-1,4-cyclohexadien-1-ylacetyl)amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.cefradine; Anspor; Velosef; SQ-11436; Cefradex; Cefrag; Cefro; Celex; Cesporan; Dimacef; Ecosporina; Easkacef; Lenzacef; Lisacef; Megacef; Samedrin; Sefril; Velocef. Antibacterial. mp = 140-142° (dec). *Apothecon; SmithKline Beecham Pharmaceuticals.***2026 Cephradine Dihydrate**

31828-50-9

2032

 $C_{16}H_{19}N_3O_4S \cdot 2H_2O$ [6R-[6 α ,7 β (R*)]]-7-[(Amino-1,4-cyclohexadien-1-ylacetyl)amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid dihydrate.cephradine dihydrate; SQ-22022. Antibacterial. mp = 183-185°. *Apothecon; SmithKline Beecham Pharmaceuticals.*

2027 Cephadrine Monohydrate

75975-70-1



[6R-[6 α ,7 β (R*)]]-7-[(Amino-1,4-cyclohexadien-1-yl-acetyl)amino]-3-methyl-8-oxo-5-thia-1-azabicyclo-[4.2.0]oct-2-ene-2-carboxylic acid monohydrate.

Forticef. Antibacterial. *Apothecon; SmithKline Beecham Pharmaceuticals.*

2028 Clavulanic Acid

58001-44-8

261-069-2



3-(2-Hydroxyethylidene)-7-oxo-4-oxa-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

MM-14151. Antibacterial. *SmithKline Beecham Pharmaceuticals.*

2029 Clavulanic Acid Potassium Salt combined with Ticarcillin Disodium

116876-37-0



Potassium 3-(2-hydroxyethylidene)-7-oxo-4-oxa-1-azabicyclo[3.2.0]heptane-2-carboxylate combined with ticarcillin sodium.

Betabactil; Timentin. Antibacterial. *SmithKline Beecham Pharmaceuticals.*

2030 Clemizole Penicillin

6011-39-8



Benzylpenicillin combined with 1-(p-chlorobenzyl)-2-(1-pyrrolidinylmethyl)benzimidazole.

Antibacterial.

2031 Clometicillin

1926-49-4

2445



[2S-(2 α ,5 α ,6 β)]-6-[[[3,4-Dichlorophenyl)methoxyacetyl]-amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

clometacillin; clomethacillin; no. 356; penicillin 3566. Antibacterial. *Recherche et Ind. Therap.*

2032 Clometicillin Sodium Salt

2445



[2S-(2 α ,5 α ,6 β)]-6-[[[3,4-Dichlorophenyl)methoxyacetyl]-amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.

Rixapen. Antibacterial. $[\alpha]_D = 210-220^\circ$. *Recherche et Ind. Therap.*

2033 Cloxacillin

642-78-4

2480

211-390-9



[2S-(2 α ,5 α ,6 β)]-6-[[[3-(2-Chlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

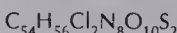
Antibacterial. *Apothecon; SmithKline Beecham Pharmaceuticals.*

2034 Cloxacillin Benzathine

23736-58-5

2480

245-855-2



[2S-(2 α ,5 α ,6 β)]-6-[[[3-(2-Chlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-aza-

bicyclo[3.2.0]heptane-2-carboxylic acid benzathine salt.

Boviclox; Dry-Clox; Noroclox DC; Opticlox; Orbenin Dry Cow; Triclox. Antibacterial. *Apothecon; SmithKline Beecham Pharmaceuticals.*

2035 Cloxacillin Sodium Monohydrate

7081-44-9

2480



[2S-(2 α ,5 α ,6 β)]-6-[[[3-(2-Chlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt monohydrate.

sodium cloxacillin; BRL-1621; Bactopen; Cloxapen; Cloxyphen; Ekvacillin; Gelstaph; Orbenin; Methoxillin-S; Prostaphlin-A; Staphobristol-250; Staphybiotic; Tegopen; Tepogen. Antibacterial. mp = 170° (dec); $[\alpha]_D^{20} = 163^\circ$; soluble in H_2O , polar organic solvents; LD₅₀ (rat ip) = 1630 $\pm$ 112 mg/kg, (mus ip) = 1280 $\pm$ 50 mg/kg. *Apothecon; SmithKline Beecham Pharmaceuticals.*

2036 Cyclacillin

3485-14-1

2769

222-470-8



[2S-(2 α ,5 α ,6 β)]-6-[[[1-Aminocyclohexyl]carbonyl]-amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Wy-4508; Calthor; Citosarin; Cyclapen; Syngacillin; ciclacillin; Ultracillin; Vastacillin; Vatracin; Vipicil; Wyvital. Antibacterial. mp = 156-158° (dec), 182-183°; $[\alpha]_D^{25} = 268^\circ$ (H_2O); soluble in H_2O (2.9 g/100 ml at 38°). *Wyeth-Ayerst Labs.*

2037 Dicloxacillin

3116-76-5

3134

221-488-3



[2S-[2 α ,5 α ,6 β (S*)]]-6-[[[3-(2,6-Dichlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

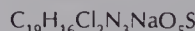
R-13423; BRL-1702; Maclicine. Antibacterial. *SmithKline Beecham Pharmaceuticals.*

2038 Dicloxacillin Sodium

343-55-5

3134

206-444-3



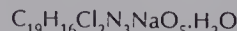
[2S-[2 α ,5 α ,6 β]]-6-[[[3-(2,6-Dichlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.

sodium dicloxacillin; P-1011; Brispen; Constaphen; Dichlor-Stapenor; Diclocil; Dycill; Dynapen; Noxaben; Pathocil; Pen-Sint; Stampen; Syntarpen; Veracillin. Antibacterial. Dec 222-225°; $[\alpha]_D^{20} = 127.2^\circ$ (H_2O); soluble in H_2O , MeOH; less soluble in butanol; slightly soluble in Me_2CO and the usual organic solvents; LD₅₀ (mus iv) = 900 mg/kg, (rat ip) = 630 mg/kg, (rat orl) > 5000 mg/kg. *SmithKline Beecham Pharmaceuticals.*

2039 Dicloxacillin Sodium Monohydrate

13412-64-1

3134



[2S-(2 α ,5 α ,6 β)]-6-[[[3-(2,6-Dichlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt monohydrate.

sodium dicloxacillin monohydrate; P-1011; Brispen; Constaphyl; Dichlor-Stapenor; Diclocil; Dycill; Dynapen; Noxaben; Pathocil; Pen-Sint; Stampen; Syntarpen;

Veracillin. Antibacterial. Dec 222-225°; $[\alpha]_D^{20} = 127.2^\circ$ (H_2O); soluble in H_2O , less soluble in $BuOH$, slightly soluble in Me_2CO and the usual organic solvents; LD_{50} (mus iv) = 900 mg/kg, (rat ip) = 630 mg/kg, (rat orl) > 5000 mg/kg. *SmithKline Beecham Pharmaceuticals*.

2040 Epicillin

26774-90-3 3651 248-001-7
 $C_{16}H_{21}N_3O_4S$
 [2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-1,4-cyclohexadien-1-ylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 SQ-11302; Dexacilina; Dexacillin; Omnisan; Spectacillin. Antibacterial. Dec 202°. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2041 Fenbenicillin

1926-48-3 4001
 $C_{22}H_{22}N_2O_5S$
 [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenoxyphenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Phenbenicillin. Antibacterial. *SmithKline Beecham Pharmaceuticals*.

2042 Fenbenicillin Potassium Salt

1177-30-6 4001
 $C_{22}H_{21}KN_2O_5S$
 [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenoxyphenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt.
 Penspek. Antibacterial. mp = 88-95°, dec 120-125°; readily soluble in H_2O ; LD_{50} (mus iv) = 225 mg/kg, (mus ip) = 520 mg/kg, (mus orl) = 3000 mg/kg. *SmithKline Beecham Pharmaceuticals*.

2043 Fibracillin

51154-48-4 257-021-5
 $C_{26}H_{28}ClN_3O_6S$
 D-6-[2-[2-(p-Chlorophenoxy)-2-methylpropionamido]-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Antibacterial.

2044 Flomoxef

99665-00-6 4141
 $C_{15}H_{18}F_2N_6O_7S_2$
 (6R-cis)-7-[[[(Difluoromethyl)thio]acetyl]amino]-3-[[1-(2-hydroxyethyl)-1H-tetrazol-5-yl]thio]methyl]-7-methoxy-8-oxo-5-oxa-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.
 Antibacterial. mp = 82.5-87.5°. *Shionogi & Co., Ltd.*

2045 Floxacillin

5250-39-5 4147 226-051-0
 $C_{19}H_{17}ClFN_3O_5S$
 [2S-[2 α ,5 α ,6 β (S*)]]-6-[[[3-(2-Chloro-6-fluorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Flucloxacillin; BRL-2039; Penplus; Staphlipen; Abboflox; Flupen; Floxapen; BRL-2039. Antibacterial. *SmithKline Beecham Pharmaceuticals*.

2046 Floxacillin Sodium

34214-51-2

$C_{19}H_{16}ClFN_3NaO_5S \cdot H_2O$
 [2S-[2 α ,5 α ,6 β (S*)]]-6-[[[3-(2-Chloro-6-fluorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.

Culpen; Floxapen; Ladropen; Stafoxil; Staphcil; Staphylex. Antibacterial. *SmithKline Beecham Pharmaceuticals*.

2047 Fomidacillin

98048-07-8
 $C_{24}H_{28}N_6O_{10}S$
 (2S,5R,6R)-6-[(R)-2-(3,4-Dihydroxyphenyl)-2-(4-ethyl-2,3-dioxo-1-piperazinecarboxamido)acetamido]-6-formamido-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Antibacterial.

2048 Fumoxicillin

78186-33-1 278-865-0
 $C_{21}H_{21}N_3O_6S$
 (2S,5R,6R)-6-[(R)-2-(Furfurylideneamino)-2-(p-hydroxyphenyl)acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 FU-02. Antibacterial. *Farmatis S.R.L.*

2049 Fuzlocillin

66327-51-3
 $C_{25}H_{26}N_6O_8S$
 (2S,5R,6R)-6-[(2R)-2-[3-[(E)-Furfurylideneamino]-2-oxo-1-imidazolidinecarboxamido]-2-(p-hydroxyphenyl)acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Antibacterial.

2050 Gloximonam

90850-05-8
 $C_{18}H_{25}N_5O_8S$
 [[[2S,3S]-3-[(2-Amino-4-thiazolyl)glyoxylamido]-2-methyl-4-oxo-1-azetidinyloxy]acetic acid ester with tert-butyl glycolate 3²-(Z)-(O-methyloxime).
 SQ-82531. Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2051 Hetacillin

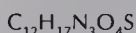
3511-16-8 4706 222-512-5
 $C_{19}H_{23}N_3O_4S$
 [2S-[2 α ,5 α ,6 β (S*)]]-6-(2,2-Dimethyl-5-oxo-4-phenyl-1-imidazolidinyl)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Hetacillin; phenazacillin; BRL-804; Penplenum; Versapen; Versatrex. Antibacterial. Dec 182.8-183.9°, 189.2-191.0°; $[\alpha]_D^{25} = +366^\circ$ (C_5H_5N). *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2052 Hetacillin Potassium

5321-32-4 4706 226-182-3
 $C_{19}H_{22}KN_3O_4S$
 [2S-[2 α ,5 α ,6 β (S*)]]-6-(2,2-Dimethyl-5-oxo-4-phenyl-1-imidazolidinyl)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt.
 Uropen; Versapen K; HetacinK; Naticillin. Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2053 Imipenem [anhydrous]

64221-86-9 264-734-5



[5R-[5 α ,6 α (R*)]]-6-(1-Hydroxyethyl)-3-[[2-[(iminomethyl)amino]ethyl]thio]-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid.
Antibacterial. *Merck & Co., Inc.*

2054 Imipenem Monohydrate

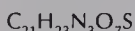
74431-23-5 4954



[5R-[5 α ,6 α (R*)]]-6-(1-Hydroxyethyl)-3-[[2-[(iminomethyl)amino]ethyl]thio]-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid monohydrate.
imipemide; MK-787; MK-0787; component of: Primaxin.
Antibacterial. $[\alpha]_D^{25} = +86.8^\circ$ (c = 0.05 in 0.1M phosphate, pH 7); λ_m 299 nm (ϵ 9670, 98% H₂O, NH₂OH ext); soluble in H₂O (1 g/100 ml), MeOH (0.5 g/100 ml), EtOH (0.02 g/100 ml), Me₂CO (< 0.01 g/100 ml), DMF (< 0.01 g/100 ml), DMSO (0.03 g/100 ml). *Merck & Co., Inc.*

2055 Lenampicillin

86273-18-9 5460



[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl ester.
Antibacterial. *Kanebo.*

2056 Lenampicillin Hydrochloride

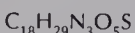
80734-02-6



[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl ester hydrochloride (salt).
KB-1585; KBT-1585; Takacillin; Varacillin. Antibacterial. *Kanebo.*

2057 Lenapenem

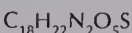
149951-16-6



(1R,5S,6S)-2-[(3S,5S)-5-[(R)-1-Hydroxy-3-(N-methylamino)propyl]pyrrolidin-3-ylthio]-6-[(R)-1-hydroxyethyl]-1-methyl-1-carbapen-2-em-3-carboxylic acid.
BO-2727. Penicillin antibacterial.

2058 Levopropylcillin

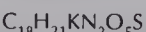
3736-12-7



(2S,5R,6R)-3,3-Dimethyl-7-oxo-6-[(2S)-phenoxybutyramido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
Antibacterial. *Eli Lilly & Co.*

2059 Levopropylcillin Potassium

7245-75-2



(2S,5R,6R)-3,3-Dimethyl-7-oxo-6-[(2S)-phenoxybutyramido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt.
BRL-284; P-248; 38389. Antibacterial. *Eli Lilly & Co.*

2060 Loracarbef [anhydrous]

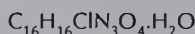
76470-66-1



[6R-[6 α ,7 β (R*)]]-7-[(Aminophenyl)acetyl]amino]-3-chloro-8-oxo-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.
Antibacterial. *Eli Lilly & Co.; Kyowa Hakko Kogyo Co., Ltd.*

2061 Loracarbef Monohydrate

121961-22-6 5606



[6R-[6 α ,7 β (R*)]]-7-[(Aminophenyl)acetyl]amino]-3-chloro-8-oxo-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrate.
carbacefclor; KT-3777; LY-163892 monohydrate; Lorabid. Antibacterial. mp = 232-238 $^\circ$; $[\alpha]_D^{20} = +27.5^\circ$ (c = 1 in CHCl₃). *Eli Lilly & Co.; Kyowa Hakko Kogyo Co., Ltd.*

2062 Meropenem

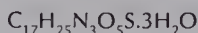
96036-03-2 5960



[4R-[3(3S*,5S*),4 α ,5 β ,6 β (R*)]]-3-[[5-[(Dimethylamino)carbonyl]-3-pyrrolidinyl]thio]-6-(1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid.
Antibacterial. *Zeneca Pharmaceuticals.*

2063 Meropenem trihydrate

119478-56-7 5960



[4R-[3(3S*,5S*),4 α ,5 β ,6 β (R*)]]-3-[[5-[(Dimethylamino)carbonyl]-3-pyrrolidinyl]thio]-6-(1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid trihydrate.
ICI-194660; SM-7338; Merrem; Meronem. Antibacterial. *Zeneca Pharmaceuticals.*

2064 Metampicillin

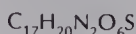
6489-97-0 5986 229-365-6



[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-6-[[[(methyleneamino)phenylacetyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
methampicillin; Bonopen; Fedacilina; Micinovo; Pravacilin; Ruticina; Suvipen; Viderpen. Antibacterial. *E.R.A.S.M.E.*

2065 Methicillin

61-32-5 6047 200-505-8



(2S,5R,6R)-6-(2,6-Dimethoxybenzamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
Antibacterial. *Apothecon; SmithKline Beecham Pharmaceuticals.*

2066 Methicillin Sodium Monohydrate

7246-14-2 6047



(2S,5R,6R)-6-(2,6-Dimethoxybenzamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt monohydrate.
Celbenin; Staphcilin; BRL-1241; SQ-16123; X-1497; Azapen; Belfacillin; Celpillina; Cinopenil; Dimocillin; Flabelline; Penistaph; Staphcillin. Antibacterial. mp = 196-197 $^\circ$ (dec); $[\alpha]_D^{20} = 230^\circ$ (c = 5), 225 $^\circ$ (c = 1); $\lambda_m = 281$

nm ($\epsilon_{1\text{ cm}}^{1\%}$ 55); soluble in H_2O (> 30 g/100 ml at 20°), EtOH (4 g/100 ml), Et_2O (0.003 g/100 ml), Me_2CO (0.035 g/100 ml), CHCl_3 (0.006 g/100 ml), isooctane (< 0.003 g/100 ml). *Apothecon; SmithKline Beecham Pharmaceuticals.*

2067 Methicillin Sodium

132-92-3 6047 205-083-9
 $\text{C}_{17}\text{H}_{19}\text{N}_2\text{NaO}_6\text{S}$
 [2S-(2 α ,5 α ,6 β)]-6-[(2,6-Dimethoxybenzoyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monosodium salt.
 dimethoxyphenecillin sodium; BRL-1241; X-1497; Azapen; Belfacillin; Celpillina; Celbenin; Cinopenil; Dimocillin; Flabelline; Penistaph; Staphicillin; SQ-16123. Antibacterial. mp = $196-197^\circ$; $[\alpha]_D^{20} = 230^\circ$ (c = 5); $\lambda_m = 281$ nm ($\epsilon_{1\text{ cm}}^{1\%}$ 55); soluble in H_2O (>300 mg/ml), EtOH, Me_2CO ; insoluble in Et_2O , hydrocarbons; [dl form]: mp = $230-232^\circ$; freely soluble in H_2O ; [l form]: mp = $238-239^\circ$; $[\alpha]_D^{24} = 218^\circ$ (c = 0.01 H_2O). *Apothecon; SmithKline Beecham Pharmaceuticals.*

2068 Mezlocillin

51481-65-3 6259 257-233-8
 $\text{C}_{21}\text{H}_{25}\text{N}_5\text{O}_8\text{S}_2$
 [2S-[2 α ,5 α ,6 β (S*)]]-3,3-Dimethyl-6-[[[[(3-(methylsulfonyl)-2-oxo-1-imidazolidinyl)carbonyl]-amino]phenylacetyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Bay f 1353. Antibacterial. *Bayer Corp., Pharmaceutical Div.*

2069 Mezlocillin Sodium

59798-30-0 6259
 $\text{C}_{21}\text{H}_{24}\text{N}_5\text{NaO}_5\text{S}_2\cdot\text{H}_2\text{O}$
 [2S-[2 α ,5 α ,6 β (S*)]]-3,3-Dimethyl-6-[[[[(3-(methylsulfonyl)-2-oxo-1-imidazolidinyl)carbonyl]-amino]phenylacetyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.
 Baycipen; Baypen; Mezlin. Antibacterial. Soluble in H_2O , MeOH, DMF; insoluble in Me_2CO , EtOH. *Bayer Corp., Pharmaceutical Div.*

2070 Moxalactam

64952-97-2 6369 265-287-9
 $\text{C}_{20}\text{H}_{20}\text{N}_6\text{O}_9\text{S}$
 7-[[Carboxy(4-hydroxyphenyl)acetyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-oxa-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid.
 latamoxef; lamoxactam. Antibacterial. mp = $117-122^\circ$; $[\alpha]_D^{25} = -15^\circ$ (c = 0.216 MeOH); $\lambda_m = 276$ nm (ϵ 10200). *Eli Lilly & Co.; Shionogi & Co., Ltd.*

2071 Moxalactam Disodium

64953-12-4 6369 265-288-4
 $\text{C}_{20}\text{H}_{18}\text{N}_6\text{Na}_2\text{O}_9\text{S}$
 7-[[Carboxy(4-hydroxyphenyl)acetyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-oxa-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid disodium salt.
 LY-12735; S-6059; Festamoxin; Moxalactam; Moxam; Shiomarin. Antibacterial. $[\alpha]_D^{22} = -45^\circ$ (H_2O); $\lambda_m = 270$ nm (ϵ 12000). *Eli Lilly & Co.; Shionogi & Co., Ltd.*

2072 Nafcillin

147-52-4 6438 205-690-9
 $\text{C}_{21}\text{H}_{22}\text{N}_2\text{O}_5\text{S}$
 [2S-(2 α ,5 α ,6 β)]-6-[[[(2-Ethoxy)-1-naphthalenyl]-carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Antibacterial. *Apothecon; SmithKline Beecham Pharmaceuticals; Wyeth-Ayerst Labs.*

2073 Nafcillin Sodium

985-16-0 6438 213-574-4
 $\text{C}_{21}\text{H}_{21}\text{N}_2\text{NaO}_5\text{S}$
 [2S-(2 α ,5 α ,6 β)]-6-[[[(2-Ethoxy)-1-naphthalenyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monosodium salt.
 Nafcillin sodium; Nafcil; Naftopen; Unipen. Antibacterial. *Apothecon; SmithKline Beecham Pharmaceuticals; Wyeth-Ayerst Labs.*

2074 Nafcillin Sodium Monohydrate

7177-50-6
 $\text{C}_{21}\text{H}_{21}\text{N}_2\text{NaO}_5\text{S}\cdot\text{H}_2\text{O}$
 [2S-(2 α ,5 α ,6 β)]-6-[[[(2-Ethoxy)-1-naphthalenyl]-carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monosodium salt.
 Nafcil; Naftopen; Unipen. Antibacterial. *Apothecon; SmithKline Beecham Pharmaceuticals; Wyeth-Ayerst Labs.*

2075 Oxacillin

66-79-5 7036 200-635-5
 $\text{C}_{19}\text{H}_{19}\text{N}_3\text{O}_5\text{S}$
 [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-6-[[[(5-methyl-3-phenyl-4-isoxazolyl)carbonyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 oxazocilline. Antibacterial. *Apothecon; SmithKline Beecham Pharmaceuticals.*

2076 Oxacillin Sodium

1173-88-2 7036 214-636-3
 $\text{C}_{19}\text{H}_{18}\text{N}_3\text{NaO}_5\text{S}$
 [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-6-[[[(5-methyl-3-phenyl-4-isoxazolyl)carbonyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.
 penicillin P-12; sodium oxacillin; BRL-1400; Bactocill; Bristopen; Cryptocillin; Micropenin; Oxabel; Penstapho; Penstaphocid; Prostaphlin; Resistopen; Stapenor; Bactocil sodium. Antibacterial. mp = 188° (dec) $[\alpha]_D^{20} = +201^\circ$ (c = 1 in H_2O); LD_{50} (rat orl) > 8000 mg/kg. *Apothecon; SmithKline Beecham Pharmaceuticals.*

2077 Oxacillin Sodium Monohydrate

7240-38-2 7036
 $\text{C}_{19}\text{H}_{18}\text{N}_3\text{NaO}_5\text{S}\cdot\text{H}_2\text{O}$
 [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-6-[[[(5-methyl-3-phenyl-4-isoxazolyl)carbonyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt monohydrate.
 oxazocilline; Stapenor; Stapenor Retard; penicillin P-12; sodium oxacillin; BRL-1400; Bactocill; Bristopen; Cryptocillin; Micropenin; Oxabel; Penstapho; Penstaphocid; Prostaphlin; Resistopen. Antibacterial. mp = 188° (dec); $[\alpha]_D^{20} = 201^\circ$ (c = 1 H_2O); LD_{50} (rat orl) > 8000 mg/kg. *Apothecon; SmithKline Beecham*

Pharmaceuticals.

2078 Oxetacillin

53861-02-2

 $C_{19}H_{23}N_3O_5S$

(2S,5R,6R)-6-[(R)-[4-(p-Hydroxyphenyl)-2,2-dimethyl-5-oxo-1-imidazolidinyl]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Antibacterial.

2079 Oximonam

90898-90-1

 $C_{12}H_{15}N_5O_6S$ [[[(2S,3S)-3-[(2-Amino-4-thiazolyl)glyoxylamido]-2-methyl-4-oxo-1-azetidinyloxy] acetate 3²-(Z)-(O-methyloxime).Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.***2080 Oximonam Sodium**

90849-08-4

 $C_{12}H_{14}N_5NaO_6S$ [[[(2S,3S)-3-[(2-Amino-4-thiazolyl)glyoxylamido]-2-methyl-4-oxo-1-azetidinyloxy] acetate 3²-(Z)-(O-methyloxime) sodium salt.SQ-82629. Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.***2081 Panipenem**

87726-17-8

7141

 $C_{15}H_{21}N_3O_4S$ [5R-[3(S*),5 α ,6 α (R*)]]-6-(1-Hydroxyethyl)-3-[[1-(1-iminoethyl)-3-pyrrolidinyl]thio]-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid.CS-533; RS-533. Antibacterial. mp = 198-200° (dec); λ_m 298 nm (ϵ 10400 H₂O); LD₅₀ (mmus iv) = 1700-2200 mg/kg, (fms iv) = 1300-1700 mg/kg. *Sankyo.***2082 Penamecillin**

983-85-7

7208

213-571-8

 $C_{19}H_{22}N_2O_6S$ [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (acetyloxy) methyl ester.Wy-20788; Havapen; penicillin G hydromethyl ester acetate; Wy-20788; acetoxymethyl benzylpenicillinate; benzylpenicillin acetoxymethyl ester. Antibacterial. mp = 106-108°; [α]_D²⁰ = 154°. *Wyeth-Ayerst Labs.***2083 Penethamate Hydriodide**

808-71-9

7212

212-367-6

 $C_{22}H_{32}IN_3O_4S$ [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 2-(diethylamino)ethyl ester monohydriodide.ephicillin hydriodide; penethecillin; Alivin; Broncopen; Estopen; Neopenil; Pulmaxil N; Bronchocillin; Pulmo 500; Leocillin. Antibacterial. mp = 178-179°; slightly soluble in H₂O (0.96 g/100 ml at 20°). *Antibiotice S.A.***2084 Penicillin G Aluminum**

1406-06-0

 $C_{48}H_{51}AlN_6O_{12}S_3$ [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-

[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid aluminum salt.

aluminum salt of penicillin G. Antibacterial.

2085 Penicillin G Benethamine

751-84-8

7220

212-029-8

 $C_{31}H_{35}N_3O_4S$ [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N-(phenylmethyl)benzeneethanamine (1:1).benethamine penicillin G; Benapen; Betapen; Benetolin. Antibacterial. mp = 146-147° (dec); slightly soluble in H₂O. *Glaxo Wellcome Inc.***2086 Penicillin G Benzathine**

1538-09-6

7221

216-260-5

 $C_{48}H_{56}N_6O_8S_2$ [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N,N'-dibenzylethylenediamine (1:1).Penicillin G Benzathine; Benethamine penicillin; Benepen; Betapen; Benetolin; Potassium penicillin G; Potassium benzylpenicillinate; Benzylpenicillinic acid potassium salt; Notalar; benzathine penicillin G; diamine penicillin; Beacillin; Megacillin suspension; Bicillin; Cillenta; Permapen; Duropenin; Dibencillin; DBED Penicillin; Penidural; Tardocillin; Dibencil; Lentopenil; Vicin Neolin; Pen-Di-Ben; Penidure; Moldamin; Extencilline; Longacilina; Longicil; Penadur; Penditan; Cepacilina. Antibacterial. mp = 123-124°; slightly soluble in H₂O; [α]_D²⁵ = +206° (c = 0.105 in formamide). *Wyeth-Ayerst Labs.***2087 Penicillin G Benzathine Tetrahydrate**

41372-02-5

 $C_{48}H_{56}N_6O_8S_2 \cdot 4H_2O$ [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N,N'-dibenzylethylenediamine (1:1) tetrahydrate.Bicillin; Bicillin L-A; Permapen; component of: Bicillin C-R, Flo-Cillin. Antibacterial. *Roerig Div., Pfizer Pharmaceuticals; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Wyeth-Ayerst Labs.***2088 Penicillin G Benzhydrylamine**

1538-11-0

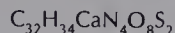
7222

216-261-0

 $C_{48}H_{56}N_6O_8S_2$ [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N,N'-bis(phenylmethyl)-1,2-ethanediamine.Beacillin; Megacillin Suspension; Bicillin; Cillenta; Permapen; Duropenin; Dibencillin; DBED Penicillin; Penidural; Tardocillin; Dibencil; Lentopenil; Vicin Neolin; Pen-Di-Ben; Penidure; Moldamin; Extencilline; Longfacilina; Longicil; Penadur; Penditan; Cepacilina. Antibacterial. mp = 123-124°; [α]_D²⁵ = 206° (c = 0.105 formamide); soluble in H₂O (0.015 g/100 ml, 0.0315 g/100 ml), C₆H₆ (0.038 g/100 ml), EtOH (0.52 g/100 ml, 1.54 g/100 ml), Me₂CO (0.15 g/100 ml), formamide (2.8 g/100 ml), MeOH (1.69 g/100 ml). *Wyeth-Ayerst Labs.*

2089 Penicillin G Calcium

1406-07-1 7223 215-795-1

[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid calcium salt.calcium salt of penicillin G; calcium benzylpenicillinate; calcium penicillin G. Antibacterial. Freely soluble in H_2O , EtOH, glycerol, EtOAc, CHCl_3 , Me_2CO .**2090 Penicillin G Chloroprocaine**

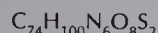
575-52-0

[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with 2-(diethylamino)ethyl 4-amino-2-chlorobenzoate (1:1).

Antibacterial.

2091 Penicillin G Hydrabamine

3344-16-9 7224 222-092-3



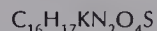
Benzylpenicillinic acid

N,N'-bis(dehydroabietyl)ethylenediamine double salt.

hydrabamine penicillin G; Compocillin. Antibacterial.

Dec 171-174°; $[\alpha]_D^{25} = +115.3^\circ$ (c = 10 in CHCl_3); solubilities (g/100 ml at 28°): H_2O 0.00075, MeOH 0.73, EtOH 0.52, iPrOH 0.17, isoamyl alcohol 0.31, cyclohexane 1.15, C_6H_6 6.00, C_7H_8 3.9, petroleum ether 0.0, isooctane 0.55. *Abbott Labs.***2092 Penicillin G Potassium**

113-98-4 7225 204-038-0

[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monopotassium salt.potassium penicillin G; potassium benzylpenicillinate; Notaral; Crytapen; Hipercilina; Pentid; Tabilin; Eskacillin; Forpen; Hylenta; Cosmopen; Falapen; Hyasorb; Cristapen; M-Cillin; Monopen; Megacillin Tablets. Antibacterial. mp = 214-217° (dec); $[\alpha]_D^{22} = 285-310^\circ$ (c = 0.7); freely soluble in H_2O .**2093 Penicillin G Procaine**

54-35-3 7226 200-205-7

[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with 2-(diethylamino)ethyl 4-aminobenzoate (1:1).benzylpenicillin procaine; Abbocillin-DC; Afsillin; Ampinpenicillin; Aquacillin; Aquasuspen; Avloprocil; Cilicaine; Crysticillin; Despacilina; Depocillin; Distaquaine; Dorsallin A.R.; Duracillin; Flo-cillin Aqueous; Hydracillin; Ilcocillin P; Kabipenin; Megapen; Mylipen; Lederacillin; Lenticillin; Mammacillin; Neoproc; Pentaquacaine G; Pen-50; Premocillin; Procanodia; Pro-Pen; Wycillin. Antibacterial. *Abbott Labs.*; *Apothecon*; *Roerig Div.*, *Pfizer Pharmaceuticals*; *Eli Lilly & Co.*; *Marion Merrell Dow Inc.*; *Schering Corp.*; *Schering-Plough Animal Health*; *SmithKline Beecham Pharmaceuticals*; *Solvay Animal Health, Inc.***2094 Penicillin G Procaine Monohydrate**

6130-64-9 7226

[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with 2-(diethylamino)ethyl 4-aminobenzoate (1:1) monohydrate.penicillin G compound with 2-(diethylamino)ethyl p-aminobenzoate (1:1) monohydrate; benzylpenicillin procaine; procaine benzylpenicillinate; procaine penicillin G; Abbocillin-DC; Afsillin; Ampinpenicillin; Aquacillin; Aquasuspen; Avloprocil; Cilicaine; Crysticillin; Despacilina; Depocillin; Distaquaine; Dorsallin A.R.; Duracillin; Flo-Cillin Aqueous; Hydracillin; Ilcocillin P; Kabipenin; Lederacillin; Lenticillin; Megapen; Mylipen; Neo-proc; Penaquacaine G; Pen-Fifty; Premocillin; Procanodia; Pro-Pen; Wycillin. Antibacterial. mp = 106-110° (dec); d = 1.255; soluble in H_2O (0.7 g/100 ml), more soluble in organic solvents; LD₅₀ (mus sc) = 2300 mg/kg. *Abbott Labs.*; *Apothecon*; *Roerig Div.*, *Pfizer Pharmaceuticals*; *Eli Lilly & Co.*; *Marion Merrell Dow Inc.*; *Schering Corp.*; *Schering-Plough Animal Health*; *SmithKline Beecham Pharmaceuticals*; *Solvay Animal Health, Inc.***2095 Penicillin N**

525-94-0 7227

[2S-[2 α ,5 α ,6 β (S*)]]-6-[(5-Amino-5-carboxy-1-oxopentyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

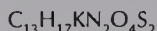
adicillin; cephalosporin N; adicillin; Synnematin B.

Antibacterial. Soluble in H_2O ; dextrorotary. *Eli Lilly & Co.***2096 Penicillin O**

87-09-2 7228

[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(2-propenylthio)acetyl]amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.allylmercaptomethylpenicillinic acid; penicillin AT. Antibacterial. *Pharmacia & Upjohn, Inc.*; *Eli Lilly & Co.***2097 Penicillin O Potassium**

897-61-0 7228

[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(2-propenylthio)acetyl]amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt.potassium penicillin O; penicillin O potassium. Antibacterial. *Pharmacia & Upjohn, Inc.*; *Eli Lilly & Co.***2098 Penicillin O Sodium**

7177-54-0 7228 230-539-9

[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(2-propenylthio)acetyl]amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.Cer-O-Cillin Sodium. Antibacterial. *Pharmacia & Upjohn, Inc.*; *Eli Lilly & Co.***2099 Penicillin V**

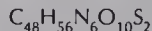
87-08-1 7230 201-722-0

[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenoxycetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Acipen-V; Distaquaine V; Fenospin; Meropenin; Oracilline; Oratren; V-Cillin. Antibacterial. Dec at 120-128°; λ_m = 268, 274 nm (ϵ 1330, 1100); soluble in H₂O at pH 1.8 (25 mg/100 ml); soluble in polar organic solvents; practically insoluble in vegetable oils, liquid petrolatum. *Eli Lilly & Co.; Wyeth-Ayerst Labs.*

2100 Penicillin V Benzathine

5928-84-7 7231 227-667-2



[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1). penicillin V DBED; benathine penicillin V; benzathine benzylpenicillin; Bicillin L-A; Falcopen-V; Oспен (syrup); Pen-Vee. Antibacterial. mp = 105-109°; poorly soluble in H₂O (0.0321 g/100 ml), more soluble in EtOH. *Wyeth-Ayerst Labs.*

2101 Penicillin V Benzathine Tetrahydrate

63690-57-3 7231



[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenoxyacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1) tetrahydrate. penicillin V DBED; benzathine benzylpenicillin; Bicillin L-A; Falcopen-V; Oспен; Pen-Vee. Antibacterial. *Wyeth-Ayerst Labs.*

2102 Penicillin V Hydrabamine

6591-72-6 7232

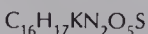


N,N'-Bis(dehydroabietyl)ethylenediamine bis(phenoxyethylpenicillin).

hydrabamine penicillin V; Abbocillin V; Compocillin-V. Antibacterial. Solubilities (mg/ml): H₂O 0.05, MeOH 11.05, EtOH 5.8, isopropanol 1.75, isoamyl alcohol 6.85, cyclohexane 0.12, C₆H₆ 1.4, C₇H₈ 1.07, petroleum ether 0.06, isooctane 0.065, CCl₄ 3.30, EtOAc 4.0, isoamyl acetate 4.0, isoamyl acetate 4.9, Me₂OH 10.2, methyl ethyl ketone 13.7, ether 0.095, ethylene chloride >20, dioxane 7.5. *Abbott Labs.*

2103 Penicillin V Potassium

132-98-9 7230 205-086-5



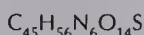
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenoxyacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monopotassium salt.

D- α -phenoxyethylpenicillinate K salt; phenoxyethylpenicillin Potassium; V-cillin-k; Compocillin-VK; Penvikal; Apsin VK; Arcacil; Beromycin 400; Cliacil; Distakaps V-k; Dowpen V-k; Fenoxypen; Oracil-VK; PVK; Suspen; Betapen V; phenoxyethylpenicillin potassium; V-CillinK; Compocillin-VK; Penvikal; Apsin VK; Arcacil; Beromycin 400; Cliacil; Distakaps V-K; Dowpen V-K; Fenoxypen; Oracil-VK; PVK; Suspen; Uticillin VK; Beromycin; Antibiocin; Arcasin; Betapen-VK; Calciopen K; Distaquaine V-K; DQV-K; Isocillin; Distaquaine V-K; Icipen; Ispenoral; Ledericillin VK; Megacillin Oral; Orapen; Ospeneff; Pedipen; Penagen; Pencompre; penicillin potassium phenoxyethyl; Pen-Vee-K; Pen-V-

K; Qidpen VK; Robicillin VK; ocillin-VK; Roscopenin; Fenocin; Fenocin Forte; Penapar VK; Robicillin V; SK-Penicillin VK; Stabillin VK syrup 125; Stabillin VK syrup 62.5; SumapenVK; V-CIL-K; Veetids; Vepin; Pfizerpen VK; Uticillin VK; Beromycin; Antibiocin; Arcasin; Beromycin (Penicillin); Betapen-VK; Calciopen K; Distaquaine V-K; DQV-K; Isocillin; Icipen; Ispenoral; Ledericillin VK; Megacillin Oral; Orapen; Ospeneff; Pedipen; Penagen; Pencompre; Penicillin Potassium Phenoxyethyl; Pen-vee-k; Pen-V-K; Qidpen VK; Robicillin VK; Rocillin-VK; Roscopenin; Sk-penicillin VK; Stabillin VK Syrup 125; Stabillin VK Syrup 62.5; Sumapen VK; V-CIL-K; veetids; Vepin; Pfizerpen VK. Antibacterial. mp = 120-128° (dec); λ_m = 268, 274 nm (ϵ 1330 1100); soluble in H₂O (0.025 g/100 ml), polar organic solvents. *Apothecon; Robins, A.H. Co.; Eli Lilly & Co.; Lederle Labs.; Parke-Davis; SmithKline Beecham Pharmaceuticals; Wyeth-Ayerst Labs.*

2104 Penimepicycline

4599-60-4 7235 225-002-0



[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with [4S-(4 α ,4 α ,5 α ,6 β ,12 α)]-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-N-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]-6-methyl-1,11-dioxo-2-naphthacenecarboxamide (1:1). penimepicycline; Criseocil; Geotricyn; Mepenicycline; Olimpen; Penetracyne; Peniltetra; Prestocyclina. Antibacterial. Dec above 143°; soluble in H₂O at 20° = 142 g/100 ml; [α]_D²⁰ = -50.5° (c = 2 in MeOH). *E.R.A.S.M.E.*

2105 Phenethicillin Potassium

147-55-7 7369 205-691-4



[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(1-oxo-2-phenoxypropyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monopotassium salt.

penicillin-152; penicillin MV; penicillin-152 potassium; potassium phenethicillin; Alfacilin; Alpen (obsolete); Brocsil; Broxil; Chemipen; Darcil; Dramcillin-S; Maxipen; Optipen; Oralopen; Peniplus; Penorale; Penova; Pensig; Syncillin; Synthecilline; Synthepen. Antibacterial. [dl-form]: Dec 230-232°; freely soluble in H₂O. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2106 Piperacillin

61477-96-1 7616 262-811-8

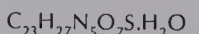


[2S-[2 α ,5 α ,6 β (S*)]]-6-[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino]phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Antibacterial. *Lederle Labs.*

2107 Piperacillin Monohydrate

66258-76-2 7616



[2S-[2 α ,5 α ,6 β (S*)]]-6-[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino]phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monohydrate.

Antibacterial. *Lederle Labs.*

2108 Piperacillin Sodium

59703-84-3 7616 261-868-6

$C_{23}H_{26}N_5NaO_7S$

[2S-[2 α ,5 α ,6 β (S*)]]-6-[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino]phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.

Pipracil; Zosyn; T-1220; CL-227193. Antibacterial. mp = 183-185° (dec); LD₅₀ (mus iv) = 5000 mg/kg, (rat iv) = 2700 mg/kg, (dog iv) > 6000 mg/kg, (mky iv) > 4000 mg/kg. *Lederle Labs.*

2109 Pirazmonam

108319-07-9

$C_{22}H_{24}N_{10}O_{12}S_2$

2-[[[(2-Amino-4-thiazolyl)[1-[3-(1,4-dihydro-5-hydroxy-4-oxopicolinamido)-2-oxo-1-imidazolidinyl]sulfonyl]-carbamoyl]-2-oxo-3-azetidiny]carbamoyl]methylene]-amino]oxy]-2-methylpropionic acid.

Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2110 Pirazmonam Sodium

104393-00-2

$C_{22}H_{22}N_{10}Na_2O_{12}S_2$

2-[[[(2-Amino-4-thiazolyl)[1-[3-(1,4-dihydro-5-hydroxy-4-oxopicolinamido)-2-oxo-1-imidazolidinyl]sulfonyl]-carbamoyl]-2-oxo-3-azetidiny]carbamoyl]methylene]-amino]oxy]-2-methylpropionic acid disodium salt.

SQ-83360. Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2111 Pirbenicillin

55975-92-3

$C_{24}H_{26}N_6O_5S$

(2S,5R,6R)-6-[(R)-2-[Isonicotinimidoylamino]acetamido]-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Antibacterial. *Pfizer Inc.*

2112 Pirbenicillin Sodium

55162-26-0

$C_{24}H_{25}N_6NaO_5S$

(2S,5R,6R)-6-[(R)-2-[Isonicotinimidoylamino]acetamido]-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.

CP-33994-2. Antibacterial. *Pfizer Inc.*

2113 Piridicillin

69414-41-1

$C_{32}H_{35}N_5O_{11}S_2$

(2S,5R,6R)-6-[(R)-2-[6-[p-[Bis(2-hydroxyethyl)sulfamoyl]phenyl]-1,2-dihydro-2-oxonicotinamido]-2-(p-hydroxyphenyl)acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Antibacterial. *Parke-Davis.*

2114 Piridicillin Sodium

69402-03-5

$C_{32}H_{34}N_5NaO_{11}S_2$

(2S,5R,6R)-6-[(R)-2-[6-[p-[Bis(2-hydroxyethyl)sulfamoyl]phenyl]-1,2-dihydro-2-oxonicotinamido]-2-(p-hydroxyphenyl)acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-

carboxylic acid sodium salt.

Antibacterial. *Parke-Davis.*

2115 Piroxicillin

82509-56-6

$C_{27}H_{28}N_8O_9S_2$

(2S,5R,6R)-6-[(R)-2-(p-Hydroxyphenyl)-2-[3-[4-hydroxy-2-(p-sulfamoylanilino)-5-pyrimidinyl]ureido]acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Antibacterial.

2116 Pivampicillin

33817-20-8

7669

251-688-6

$C_{22}H_{29}N_3O_6S$

[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.1]heptane-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)-methyl ester.

ampicillin pivaloyloxymethyl ester; pivaloyloxymethyl ampicillinate; MK-191. Antibacterial. *Leo AB.*

2117 Pivampicillin Hydrochloride

26309-95-5

7669

247-604-2

$C_{22}H_{29}N_3O_6S.HCl$

[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.1]heptane-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)-methyl ester hydrochloride.

Pivampicillin hydrochloride; Alphacilina; Alphacillin; Berocillin; Centurina; Diancina; Inacilin; Maxifen; Pivatil; Pondocil; Pondocillin; Pondocillina; Sanguicillin.

Antibacterial. mp = 155-156° (dec); [α]_D²⁰ = 196° (c = 1 H₂O); λ_m = 268, 262, 256 nm ($E_{1\text{ cm}}^{1\%}$ 3.9, 5.7, 6.3 H₂O); soluble in H₂O, less soluble in organic solvents; LD₅₀ (mus orl) = 3340 mg/kg, (mus sc) = 3600 mg/kg, (rat orl) = 5000 mg/kg, (rat sc) = 4500 mg/kg. *Leo AB.*

2118 Pivampicillin Pamoate

39030-72-3

$C_{22}H_{29}N_3O_6S.HCl$

[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.1]heptane-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)-methyl ester hydrochloride.

Alphacilina; Alphacillin; Berocillin; Centurina; Diancina; Inacilin; Maxifen; Pivatil; Pondocil; Pondocillin; Pondocillina; Sanguicillin. Antibacterial. *Leo AB.*

2119 Pivampicillin Probenate

42190-91-0

$C_{35}H_{48}N_4O_{10}S_2$

[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.1]heptane-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)-methyl ester mono[4-[(dipropylamino)sulfonyl]benzoate (1:1).

Antibacterial. *Leo AB.*

2120 Prazocillin

15949-72-1

$C_{19}H_{18}Cl_2N_4O_4S$

6-[1-(2,6-Dichlorophenyl)-4-methylpyrazole-5-carboxamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Antibacterial.

2121 Propicillin

551-27-9 8002 208-995-5
 $C_{18}H_{22}N_2O_5S$
 [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(1-oxo-2-phenoxybutyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 levopropylcillin. Antibacterial. *SmithKline Beecham Pharmaceuticals*.

2122 Propicillin Potassium

1245-44-9 8002 214-993-5
 $C_{18}H_{21}KN_2O_5S$
 [2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(1-oxo-2-phenoxybutyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt.
 BRL-284; PA-248; Baycillin; Brocillin; Cetacillin; Oricillin; Trecillin; Ultrapen. Antibacterial. mp = 195-197° (dec); soluble in H_2O (8.3 g/100 ml), more soluble in EtOH. *Bayer Corp., Pharmaceutical Div.; SmithKline Beecham Pharmaceuticals*.

2123 Quinacillin

1596-63-0 8224 216-481-7
 $C_{18}H_{14}N_4Na_2O_6S$
 [2S-(2 α ,5 α ,6 β)]-6-[[3-Carboxy-2-quinoxaliny]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Antibacterial.

2124 Ritipenem

84845-57-8 8400
 $C_{10}H_{12}N_2O_6S$
 [5R-[5 α ,6 α (R*)]]-3-[[[Aminocarbonyl]oxy]methyl]-6-(1-hydroxyethyl)-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid.
 Antibacterial. *Farmitalia Carlo Erba SpA*.

2125 Rotamicillin

55530-41-1
 $C_{28}H_{31}N_5O_5S$
 (2S,5R,6R)-3,3-Dimethyl-7-oxo-6-[(R)-2-phenyl-2-[2-(1,4,5,6-tetrahydro-2-pyrimidinyl)phenyl]acetamido]-acetamido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Antibacterial.

2126 Sanfetrinem

156769-21-0
 $C_{14}H_{19}NO_5$
 (1S,5S,8aS,8bR)-1,2,5,6,7,8,8a,8b-Octahydro-1-[(R)-1-hydroxyethyl]-5-methoxy-2-oxoazeto[2,1-a]isoindole-4-carboxylic acid.
 Antibacterial. *Glaxo Wellcome Inc*.

2127 Sanfetrinem Sodium

141611-76-9
 $C_{14}H_{18}NNaO_5$
 (1S,5S,8aS,8bR)-1,2,5,6,7,8,8a,8b-Octahydro-1-[(R)-1-hydroxyethyl]-5-methoxy-2-oxoazeto[2,1-a]isoindole-4-carboxylic acid sodium salt.
 GV-104326B. Antibacterial. *Glaxo Wellcome Inc*.

2128 Sanfetrinern Cilexetil

141646-08-4
 $C_{23}H_{33}NO_8$
 1-Hydroxyethyl-(1S,5S,8aS,8bR)-1,2,5,6,7,8,8a,8b-

octahydro-1-[(R)-1-hydroxyethyl]-5-methoxy-2-oxoazeto[2,1-a]isoindole-4-carboxylic acid cyclohexyl carbonate (ester).
 GV-118819X. Antibacterial. *Glaxo Wellcome Inc*.

2129 Sarmoxicillin

67337-44-4
 $C_{21}H_{27}N_3O_6S$
 Methoxymethyl (2S,5R,6R)-6-[4-(p-hydroxyphenyl)-2,2-dimethyl-5-oxo-1-imidazolidinyl]3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev*.

2130 Sulbactam

68373-14-8 9058 269-878-2
 $C_8H_{11}NO_5S$
 (2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 CP-45899-2; Betamaze; penicillanic acid sulfone; penicillanic acid 1,1-dioxide. Antibacterial. mp = 148-151°; $[\alpha]_D^{20} = 251^\circ$ (c = 0.01 in pH 5 buffer). *Roerig Div., Pfizer Pharmaceuticals; Pfizer Inc*.

2131 Sulbactam Benzathine

83031-43-0 9058
 $C_{32}H_{42}N_4O_{10}S_2$
 (2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N,N'-dibenzylethylenediamine.
 CP-45899-99. Antibacterial. *Pfizer Inc*.

2132 Sulbactam Pivoxil

69388-79-0 9058
 $C_{32}H_{42}N_4O_{10}S_2$
 (2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4-dioxide (2,2-dimethyl-1-oxopropoxy)methyl ester.
 penicillanic acid sulfone; penicillanic acid 1,1-dioxide; CP-45899; Unasyn® Oral. Antibacterial. *Pfizer International*.

2133 Sulbactam Sodium

69388-84-7 9058 273-984-4
 $C_8H_{10}NNaO_5S$
 (2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.
 CP-45899-2; component of: Unasyn. Antibacterial. *Roerig Div., Pfizer Pharmaceuticals*.

2134 Sulbenicillin

41744-40-5 9059 255-528-6
 $C_{16}H_{18}N_2O_7S_2$
 3,3-Dimethyl-7-oxo-6-(2-phenyl-2-sulfoacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.
 sulfocillin. Antibacterial. *Takeda*.

2135 Sulbenicillin Disodium Salt

9059
 $C_{16}H_{16}N_2Na_2O_7S_2$
 3,3-Dimethyl-7-oxo-6-(2-phenyl-2-sulfoacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid disodium salt.
 Kedacillina; Sulpelin; Lilacillin. Antibacterial. *Takeda*.

2136 Sulopenem

120788-07-0



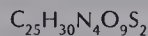
(5R,6S)-6-[(1R)-1-Hydroxyethyl]-7-oxo-3-[[[(3S)-tetrahydro-3-thienyl]thio]-4-thia-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid.

CP-70429. Antibacterial. *Pfizer International*.

2137 Sultamicillin

76497-13-7

9166



[2S-(2 α (2R*,5S*),5 α ,6 β (S*))]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid

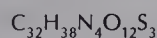
[[[(3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.1]hept-2-yl)carbonyl]oxy]methyl ester S,S-dioxide.

CP-49952; VD-1827; sultamicillin. Antibacterial. *Pfizer Inc.*

2138 Sultamicillin Tosylate

83105-70-8

9166



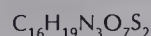
[2S-(2 α (2R*,5S*),5 α ,6 β (S*))]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid

[[[(3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.1]hept-2-yl)carbonyl]oxy]methyl ester S,S-dioxide p-toluenesulfonate.

Bacimex; Bethacil orale; Unacid PD oral; Unacim orale; Unasyn. Antibacterial. *Pfizer Inc.*

2139 Suncillin

22164-94-9

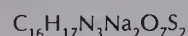


3,3-Dimethyl-7-oxo-6-[2-phenyl-D-2-(sulfoamino)acetamido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2140 Suncillin Sodium

23444-86-2



3,3-Dimethyl-7-oxo-6-[2-phenyl-D-2-(sulfoamino)acetamido]-4-thia-1-

azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt.

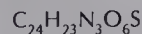
BL-P1462. Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2141 Talampicillin

47747-56-8

9204

256-332-3



[2S-(2 α ,5 α ,6 β (S*))]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 1,3-dihydro-3-oxo-1-isobenzofuranyl ester.

Antibacterial. *SmithKline Beecham Pharmaceuticals; Yamanouchi U.S.A. Inc.*

2142 Talampicillin Hydrochloride

39878-70-1

9204



[2S-(2 α ,5 α ,6 β (S*))]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 1,3-dihydro-3-oxo-1-isobenzofuranyl ester hydrochloride.

Talat; Talpen; Yamacillin. Antibacterial. mp = 154-157°

(dec). *SmithKline Beecham Pharmaceuticals; Yamanouchi U.S.A. Inc.*

2143 Tameticillin

56211-43-9



2-(Diethylamino)ethyl-(2S,5R,6R)-6-(2,6-dimethoxybenzamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate.

Antibacterial.

2144 Tazobactam

89786-04-9

9251



[2S-(2 α ,3 β ,5 β)]-3-Methyl-7-oxo-3-(1H-1,2,3-triazol-1-ylmethyl)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4 dioxide.

YTR-830H; CL-298741. Antibacterial. *Taiho*.

2145 Tazobactam Sodium

89785-84-2

9251



[2S-(2 α ,3 β ,5 β)]-3-Methyl-7-oxo-3-(1H-1,2,3-triazol-1-ylmethyl)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4 dioxide sodium salt.

YTR-830; CL-307579; component of: Zosyn. Antibacterial. mp > 170° (dec). *Lederle Labs.; Taiho*.

2146 Temocillin

66148-78-5

9288

266-184-1

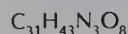


[2S-(2 α ,5 α ,6 β)]-6-[(Carboxy-3-thienylacetyl)amino]-6-methoxy-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Antibacterial. *SmithKline Beecham Pharmaceuticals*.

2147 Terdecamycin

113167-61-6



4-Methyl-1-piperazinecarboxylic acid 7-ester with (-)-N-[1S,2R,3E,5E,7S,9E,11E,13S,15R,19R]-7,13-dihydroxy-1,4,10,19-tetramethyl-17,18-dioxo-16-oxabicyclo[13.2.2]nonadeca-3,5,9,11-tetraen-2-yl]pyruvamide.

Antibacterial (veterinary).

2148 Thiphencillin

26552-51-2



3,3-Methyl-7-oxo-6-[2-(phenylthio)acetamido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Tifencillin. Antibacterial. *Eli Lilly & Co.*

2149 Thiphencillin Potassium

4803-45-6



3,3-Methyl-7-oxo-6-[2-(phenylthio)acetamido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt.

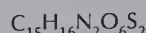
Antibacterial. *Eli Lilly & Co.*

2150 Ticarcillin

34787-01-4

9568

252-213-5



[2S-(2 α ,5 α ,6 β (S*))]-6-[(Carboxy-3-thienylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-

carboxylic acid.
ticarcillin. Antibacterial. *SmithKline Beecham Pharmaceuticals.*

2151 Ticarcillin Cresyl

59070-07-4

$C_{22}H_{22}N_2O_6S_2$
p-Tolyl-(R)-N-[2S,5R,6R]-2-carboxy-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-6-yl]-3-thiophenemalonate sodium salt.
Antibacterial. *SmithKline Beecham Pharmaceuticals.*

2152 Ticarcillin Cresyl Sodium

59070-06-3

$C_{22}H_{21}N_2NaO_6S_2$
p-Tolyl-(R)-N-[2S,5R,6R]-2-carboxy-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-6-yl]-3-thiophenemalonate sodium salt.
BRL-12594. Antibacterial. *SmithKline Beecham Pharmaceuticals.*

2153 Ticarcillin Disodium

4697-14-7 9568 249-642-5

$C_{15}H_{14}N_2Na_2O_6S_2$
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Carboxy-3-thienylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid disodium salt.
BRL-2288; Aerugipen; Monapen; Ticarpen; Ticillin.
Antibacterial. Soluble in H_2O (>100 g/100 ml).
SmithKline Beecham Pharmaceuticals.

2154 Ticarcillin Monosodium

74682-62-5

$C_{15}H_{15}N_2NaO_6S_2$
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Carboxy-3-thienylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monosodium salt.
Antibacterial. *SmithKline Beecham Pharmaceuticals.*

2155 Tigemonam

102507-71-1 9572

$C_{12}H_{15}N_5O_9S_2$
[S-(Z)]-[[[1-(2-Amino-4-thiazolyl)-2-[[2,2-dimethyl-4-oxo-1-(sulfooxy)-3-azetidiny]amino]-2-oxoethylidene]amino]oxy]acetic acid.
Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2156 Tigemonam Dicholine

102916-21-2 9572

$C_{22}H_{41}N_2O_{11}S_2$
[S-(Z)]-[[[1-(2-Amino-4-thiazolyl)-2-[[2,2-dimethyl-4-oxo-1-(sulfooxy)-3-azetidiny]amino]-2-oxoethylidene]amino]oxy]acetic acid dicholine salt.
SQ-30836; Tigemen. Antibacterial. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2157 Valspodar

121584-18-7

$C_{63}H_{111}N_{11}O_{12}$
Cyclo[[[(2S,4R,6E)-4-methyl-2-(methylamino)-3-oxo-6-octenoyl]-L-valyl-N-methylglycyl-N-methyl-L-leucyl-L-valyl-N-methyl-L-leucyl-L-alanyl-D-alanyl-N-methyl-L-leucyl-N-methyl-L-leucyl-N-methyl-L-valyl].
PSC-833; Amdray. Chemosensitizer. An inhibitor of P-glycoprotein, the drug efflux pump. Multidrug resistance modulator coadministered with chemotherapeutic drugs

in cancer treatment. *Pratt Pharmaceuticals.*

Antibiotics, Leprostatic

2158 Acedapson

77-46-3 20 201-028-8

$C_{16}H_{16}N_2O_4S$
N,N'-(Sulfonyldi-4,1-phenylene)bisacetamide.
Hansolar; CI-556; CN-1883; DADDs; PAM-MR-1165; Rodilone; diacetyldapson; sulfadiazine; 1399F; 283.
Antibacterial. Leprostatic. mp = 289-292°; λ_m 256 284 nm (ϵ 25500 36200 MeOH); soluble in H_2O (0.0003 g/100 ml). *Parke-Davis.*

2159 Acetosulfone Sodium

128-12-1 73

$C_{14}H_{14}N_2NaO_5S_2$
N-(6-Sulfinylmetanilyl)acetamide monosodium salt.
Promacatin; CI-100; IA-307; NSC-107528; acetosulphone; Internal Antiseptic No. 307; I.A. 307; 283. Antibacterial. Leprostatic. Soluble in H_2O (3 g/100 ml); [free sulfonamide]: mp = 285°. *Parke-Davis.*

2160 Broxaldine

3684-46-6 222-971-1

$C_{17}H_{11}Br_2NO_2$
5,7-Dibromo-2-methyl-8-quinolinol benzoate ester.
A leprostatic antibacterial.

2161 Clofazimine

2030-63-9 2433 217-980-2

$C_{27}H_{22}Cl_2N_4$
3-(p-Chloroanilino)-10-(p-chlorophenyl)-2,10-dihydro-2-(isopropylimino)phenazine.
Lamprene; Lampren; G-30320; NSC-141046; B-663; 119.
Antibacterial. Leprostatic and tuberculostatic. mp = 210-212°; λ_m 284, 486 nm (abs. 1.30, 0.64 0.01M HCl/MeOH); insoluble in H_2O , soluble in AcOH, DMF, $CHCl_3$ (6.6 g/100 ml), EtOH (0.14 g/100 ml); LD₅₀ (mus, rat, gpg orl) > 4000 mg/kg. *Ciba-Geigy Corp.*

2162 Dapsone

80-08-0 2885 201-248-4

$C_{12}H_{12}N_2O_2S$
4,4'-Sulfonyldianiline.
NSC-6091; DDS, diaphenylsulfone; DADPS; 1358F; Avlosulfon; Croysulfone; Diphenasone; Disulone; Dumitone; Eporal; Novophone; Sulfona-Mae; Sulphadione; Udolac; k509. Antibacterial. Leprostatic and dermatitis herpetiformis suppressant. Also used as a hardening agent with epoxy resins and, in veterinary medicine, as a coccidiostat. mp = 175-176°, 180.5°; insoluble in H_2O ; soluble in EtOH, MeOH, Me_2CO , dilute HCl. *I.G. Farben.*

2163 Diathymosulfone

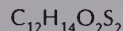
5964-62-5 3037

$C_{32}H_{34}N_4O_4S$
Di-[4-(4-hydroxy-2-methyl-5-isopropylphenylazo)phenyl] sulfone.
thymol sulfone; Diatox; b609. Antibacterial. Leprostatic. mp = 222-224°; λ_m 400 nm (EtOH); insoluble in H_2O ;

soluble in dioxane, Me_2CO , alkali solutions; less soluble in EtOH, Et_2O . *Lab. Laborec.*

2164 Ditophal

584-69-0



S,S-Diethyl ester of 1,3-dithioisophthalic acid.

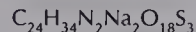
Etisul. A leprostatic antibiotic.

2165 Glucosulfone Sodium

554-18-7

4471

209-064-6



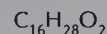
4,4'-Diaminophenylsulfone-N,N-di(dextrose sodium sulfate).

SN-166; 501-P; Protomin; Promin; Promanide; Angeli's Sulfone; 320. Antibacterial. Leprostatic. Soluble in H_2O ; slightly soluble in EtOH; insoluble in Et_2O , C_6H_6 , MeOH, EtOAc, $\text{C}_5\text{H}_5\text{N}$; LD_{50} (mus orl) = 3930 mg/kg. *Siegfried AG.*

2166 Hydnocarpic Acid

459-67-6

4797



(R)-2-Dyclopentene-1-undecanoic acid.

Isolated from Chaulmoogra oil. Antibacterial. Leprostatic. mp = 59-60°; $[\alpha]_D = 68.3^\circ$ (CHCl_3); soluble in CHCl_3 , sparingly soluble in other organic solvents; [dl-form]: mp = 59-59.5°; [sodium salt ($\text{C}_{16}\text{H}_{27}\text{NaO}_2$)]: soluble in H_2O , MLD (rat iv) = 100-125 mg/kg.

2167 Solasulfone

133-65-3

8859

205-116-7



1,1'-[Sulfonylbis(p-phenylimino)]bis-(3-phenyl-1,3-propanedisulfonic acid) tetrasodium salt.

solapsone; RP-3668; Cimedone; Sulphetrone; 178. Antibacterial. Leprostatic. Crystallizes as a hydrate; very soluble in H_2O , insoluble in EtOH. *Glaxo Wellcome Inc.*

2168 Succisulfone

5934-14-5

9047

227-684-5



4'-Sulfanilylsuccinanic acid.

F 1500; Fourneau 1500; Exosulfonyl; 51; 152. Antibacterial. Leprostatic. mp = 157°; soluble in ammonia. *Eli Lilly & Co.; Bayer Corp.*

2169 Sulfoxone Sodium

144-75-2

9141



Disodium

[sulfonylbis(p-phenyleneimino)]dimethanesulfinate.

Diasone; aldesulfone sodium; Diazone; Novotrone; ; 7. Antibacterial. Leprostatic. Dec 263-265°; freely soluble in H_2O , slightly soluble in EtOH, insoluble in most organic solvents. *Abbott Labs.*

Antibiotics, Lincosamide**2170 Clindamycin**

18323-44-9

2414

242-209-1



Methyl 7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-4-

propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctopyranoside.

Dalacine; Cleocin; U-21251; Antirobe; Dalacin C; Klimicin; Sobelin. Antibacterial. $[\alpha]_D = 214^\circ$ (CHCl_3). *Pharmacia & Upjohn, Inc.*

2171 Clindamycin Hydrochloride Monohydrate

58207-19-5

2414



Methyl 7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctopyranoside hydrochloride monohydrate.

Cleocin HCl; Dalacine. Antibacterial. mp = 141-143°; $[\alpha]_D = 144^\circ$ (H_2O); pKa = 7.6; soluble in H_2O , $\text{C}_5\text{H}_5\text{N}$, EtOH, DMF; LD_{50} (mus iv) = 245 mg/kg, (mus ip) = 361 mg/kg, (mus orl) = 2618 mg/kg. *Pharmacia & Upjohn, Inc.*

2172 Clindamycin Palmitate

36688-78-5

2414



Methyl 7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctopyranoside palmitate.

Antibacterial. *Pharmacia & Upjohn, Inc.***2173 Clindamycin Palmitate Hydrochloride**

25507-04-4

2414



Methyl 7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctopyranoside palmitate hydrochloride.

Cleocin Pediatric. Antibacterial. *Pharmacia & Upjohn, Inc.*

2174 Clindamycin Phosphate

24729-96-2

2414



Methyl 7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctopyranoside 2-(dihydrogen phosphate).

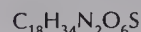
Cleocin Phosphate; Cleocin T; U-28,508; Dalacin T. Antibacterial. *Pharmacia & Upjohn, Inc.*

2175 Lincomycin

154-21-2

5525

205-824-6



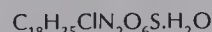
Methyl 6,8-dideoxy-6-trans-(1-methyl-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-D-erythro- α -D-galactooctopyranoside.

U-10149; NSC-70731; lincolnensin; Lincolcina. Antibacterial. Slightly soluble in H_2O ; soluble in MeOH, EtOH, EtOAc, Me_2CO , CHCl_3 . *Pharmacia & Upjohn, Inc.*

2176 Lincomycin Hydrochloride Monohydrate

7179-49-9

5525



Methyl 6,8-dideoxy-6-trans-(1-methyl-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-D-erythro- α -D-galactooctopyranoside.

Frademicina; Mycivin; Waynecomylin; Albiotic; Cillimycin; Lincomix; Lincocin [as hemihydrate]. Antibacterial. mp = 145-147°; $[\alpha]_D^{25} = 137^\circ$ (H_2O); freely soluble in H_2O , MeOH, EtOH; sparingly soluble in most organic solvents; LD_{50} (mus, rat orl) = 4000 mg/kg,

(mus, rat ip) = 1000 mg/kg. *Pharmacia & Upjohn, Inc.*

Antibiotics, Macrolide

2177 Azithromycin [anhydrous]

83905-01-5 946



[2R-(2R*,3S*,4R*,5R*,8R*,10R*,11R*,12S*,13S*,14R*)]-13-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- α -L-ribohexopyranosyl)oxy]-2-ethyl-3,4,10-trihydroxy-3,5,6,8,10,12-heptamethyl-11-[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylohexopyranosyl]oxy]-1-oxa-6-azacyclopentadecan-15-one.

CP-62993; XZ-450; Azitrocin; Sumamed; Trozocina; Zithromax; Zitromax. Macrolide antibiotic. mp = 113-115°; $[\alpha]_D^{20}$ = -37° (c = 1 in CHCl_3). *Pfizer Inc.*

2178 Berythromycin

527-75-3

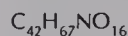


12-Deoxyerythromycin.

Abbott 24091. Macrolide antibiotic. Also anti-amebic. *Abbott Labs.*

2179 Carbomycin A

4564-87-8 1854



(12S,13S)-9-Deoxy-12,13-epoxy-12,13-dihydro-9-oxoleucomycin V 3-acetate 4^B-(3-methylbutanoate).

magnamycin A; deltamycin A₄; M-4209; NSC-51001. Macrolide antibiotic. mp = 214°; $[\alpha]_D^{25}$ = -58.6° (CHCl_3); λ_m 238, 327 nm ($E_{1\text{cm}}^{1\%}$ 185, 0.9, EtOH); pK_b = 7.2; soluble in H_2O (0.029 g/100 ml), MeOH (> 2 g/100 ml), EtOH (> 2 g/100 ml); LD₅₀ (mus iv) = 550 mg/kg. *Pfizer Inc.*

2180 Carbomycin B

21238-30-2 1854



9-Deoxy-9-oxo-leucomycin V 3-acetate 4^B-(3-methylbutanoate).

magnamycin B. Macrolide antibiotic. mp = 141-144° (dec); $[\alpha]_D^{25}$ = -35° (c = 1 CHCl_3); λ_m = 278 nm ($E_{1\text{cm}}^{1\%}$ 276 EtOH); soluble in EtOH (45 g/100 ml), H_2O (0.01 g/100 ml). *Pfizer Inc.*

2181 Clarithromycin

81103-11-9 2400

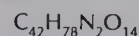


6-O-Methylerythromycin.

Abbott-56268; TE-031; Biaxin; Clathromycin; Klacid; Klaricid; Macladin; Naxy; Veclam; Zeclar. Macrolide antibiotic. mp = 217-220° (dec), 222-225°; λ_m = 288 nm (CHCl_3); $[\alpha]_D^{24}$ = -90.4° (c = 1 CHCl_3); LD₅₀ (mmus orl) = 2740 mg/kg, (mmus ip) = 1030, (mmus sc) > 5000 mg/kg, (fimus orl) = 2700 mg/kg, (fimus ip) = 850 mg/kg, (fimus sc) > 5000 mg/kg, (mrat orl) = 3470 mg/kg, (mrat ip) = 669 mg/kg, (mrat sc) > 5000 mg/kg, (frat orl) = 2700 mg/kg, (frat ip) = 753 mg/kg, (frat sc) > 5000 mg/kg. *Abbott Labs.*

2182 Dirithromycin

62013-04-1 3418



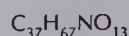
[9S(R)]-9-Deoxy-11-deoxy-9,11-[imino[2-(2-

methoxyethoxy)ethylidene]oxy]erythromycin.

KT-237216; AS-E 136; Dynabac; Noriclan; Nortron; Valodin. Macrolide antibiotic. mp = 186-189° (dec); pK_a (66% aq CH_2F_2) = 9.0; LD₅₀ (mus sc) = >1 mg/kg, (mus orl) > 1 mg/kg. *Thomae; Boehringer Mannheim GmbH.*

2183 Erythromycin

114-07-8 3720 204-040-1

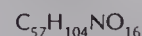


(3S*,4S*,5S*,6R*,7R*,9R*,11R*,12R*,13S*,14R*)-4-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- α -L-ribohexopyranosyl)oxy]-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylohexopyranosyl]oxy]-oxacyclotetradecane-2,10-dione.

AT/S; Emgel; ERYC; Erycette; EryDerm; Erygel; Erymax; Ery-Tab; Erythro; Ilotycin; PCE; Erythromycin A; Abomacetin; Ak-Mycin; Aknin; E-Base; EMU; E-Mycin; Eritrocina; Erythromast 36; Erythromid; Erycen¹ Erycin; Erycinum; Erymycin; IndermRetcin; Staticin; Stiemycin; Torlamicina; component of: Benzamycin, Staticin, T-Stat. Macrolide antibiotic. mp = 135-140°, 190-193°; $[\alpha]_D^{25}$ = -78° (c = 1.99, EtOH); λ_m 280 nm (pH 6.3); poorly soluble in H_2O (0.020 g/100 ml); freely soluble in MeOH, EtOH, Me_2CO ; CHCl_3 , EtOAc, CH_3CN ; moderately soluble in Et_2O , ethylene dichloride. *Hoechst-Roussel Pharmaceuticals Inc.; Glaxo Wellcome, UK; Parke-Davis; Ortho Pharmaceutical Corp.; Abbott Labs.; Glaxo Wellcome, UK; Eli Lilly & Co.; Dermik Labs., Inc.; Westwood-Squibb Pharmaceuticals, Inc.*

2184 Erythromycin Acistrate

96128-89-1 3721

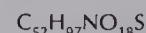


Erythromycin 2'-acetate stearate (salt).

Erasis; 2'-acetylerythromycin stearate. Macrolide antibiotic. *Pratt Pharmaceuticals.*

2185 Erythromycin Estolate

3521-62-8 3722 222-532-4

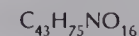


Erythromycin 2'-propionate dodecyl sulfate (salt).

Ilosone; Eritroger; Eromycin; Lauromicina; Neo-Erycinum; PELS; Roxomicina; Stellamicina; Eriscel; Estomicina; Eupragin; Marcoeritrex; Propiocine Enfant; Togiren. Macrolide antibiotic. mp = 135-140° (dec); soluble in H_2O (0.0024 g/100 ml); more soluble in EtOH, Me_2CO , CHCl_3 ; LD₅₀ (rat orl) > 5000 mg/kg. *Eli Lilly & Co.*

2186 Erythromycin Ethylsuccinate

41342-53-4 3720



Erythromycin 2'-(ethylsuccinate).

E.E.S.; EryPed; Pediamycin; Wyamycin E; Anamycin; Arpimycin; Durapaediat; E-Mycin e; Eryliquid; Erythro ES; Erythro-Holz; Erythroped; Esinol; Monomycin; Paediathrocin; Refkas; Sigapedil; component of: Pediazole. Macrolide antibiotic. mp = 109-110°; $[\alpha]_D$ = -42.5°. *Abbott Labs.; Xoma Corp.; Ross Products.*

2187 Erythromycin Glucoheptonate

23067-13-2 3723 245-407-6



Erythromycin glucoheptonate (1:1) (salt).

Erythromycin gluceptate; Ilotycin Gluceptate. Macrolide

antibiotic. mp = 95-140°; freely soluble in H₂O, EtOH, dioxane, Me₂CO, propylene glycol; insoluble in Et₂O, CCl₄, C₆H₆, C₇H₈. *Eli Lilly & Co.*

2188 Erythromycin Lactobionate

3847-29-8 3724 223-348-7

C₄₉H₈₉NO₂₅

Erythromycin mono(4-O-β-D-galactopyranosyl-D-gluconate) (salt).

Erythrocin Lactobionate. Macrolide antibiotic. mp = 145-150°; soluble in H₂O (20 g/100 ml); freely soluble in EtOH, slightly soluble in Et₂O. *Abbott Labs.; Elkins-Sinn.*

2189 Erythromycin Propionate

134-36-1 3725 205-140-8

C₄₀H₇₁NO₁₄

Erythromycin 2'-propionate.

propionyl erythromycin; Propiocrine. Macrolide antibiotic. mp = 122-126°; [α]_D²⁵ = -81.6° (Me₂CO); slightly soluble in H₂O; readily soluble in MeOH, EtOH, Me₂CO, DMF, EtOAc; LD₅₀ (mus orl) = 2870 mg/kg, (mus sc) > 5000 mg/kg, (rat orl) > 5000 mg/kg, (rat sc) > 5000 mg/kg. *Eli Lilly & Co.*

2190 Erythromycin Stearate

643-22-1 3726 211-396-1

C₅₅H₁₀₃NO₁₅

Erythromycin octadecanoate (salt).

Dowmycin E; Erypar; Erythrocin; Ethril; Wyamycin S; Abboticine; Bristamycin; Eratrex; Eryprim; Erythro S; Ethryn; Gallimycin; Mebery; Pantomicina; Pfizer-E; SK-Erythromycin; Wemid. Macrolide antibiotic. Slightly soluble in EtOH, Et₂O, CHCl₃; insoluble in H₂O. *Abbott Labs.; Marion Merrell Dow Inc.; Bristol Myers Squibb Pharmaceuticals Ltd.; Xoma Corp.; Parke-Davis.*

2191 Flurithromycin

82664-20-8

C₃₇H₆₆FNO₁₃

(8S)-8-Fluoroerythromycin.

A macrolide antibacterial.

2192 Josamycin

16846-24-5 5280 240-871-6

C₄₂H₆₉NO₁₅

4-(Acetyloxy-6-[[3,6-dideoxy-4-O-[2,6-dideoxy-3-C-methyl-4-O-(3-methyl-1-oxobutyl)-α-L-ribohexopyranosyl]-3-(dimethylamino)-β-D-glucopyranosyl]oxy]-10-hydroxy-5-methoxy-9,16-dimethyl-2-oxooxacyclohexadeca-11,13-diene-7-acetaldehyde.

Iosalide; EN-141; Jomybel; Josamina; Leucomycin A₃. Macrolide antibiotic. mp = 130-133°; [α]_D²⁵ = -70° (c = 1 EtOH); λ_m 232 nm (E_{1 cm}^{1%} 325 0.001N HCl); insoluble in H₂O; very soluble in EtOH, MeOH, Me₂CO, CHCl₃, EtOAc, dioxane, dilute acids; soluble in BuOH, Et₂O, CCl₄, C₆H₆, C₇H₈; insoluble in petroleum ether, n-C₆H₁₄. *Yamanouchi U.S.A. Inc.*

2193 Josamycin Propionate

40922-77-8 5280 255-140-7

C₄₅H₇₃NO₁₆

Josamycin 10-propionate.

Josacine; Josamy; Josaxin; Wilprafen. Macrolide antibiotic. *Yamanouchi U.S.A. Inc.*

2194 Leucomycins

1392-21-8 5480

Kitasamycin; C-637; Ayermicina; Sineptina; Stereomycine; Syneptine. A macrolide antibiotic complex obtained from *Streptomyces kitasatoensis* and consisting of at least 6 components, leucomycin A₁, A₂, B₁, B₂, B₃ and B₄. Macrolide antibiotic. mp = 128-145°; [α]_D²⁰ = -67.1 (EtOH); λ_m 232 285 nm (e_{1 cm}^{1%} 228 8.6 EtOH); slightly soluble in H₂O, freely soluble in organic solvents; [Leucomycin A₁]: [α]_D²⁵ = -66.0° (CHCl₃); λ_m 232 nm (E_{1 cm}^{1%} 400 MeOH); [triacetylleucomycin A₁]: mp = 125-126°; [α]_D²⁵ = -82.5° (c = 1.3 CHCl₃). *Toyo Jozo.*

2195 Lexithromycin

53066-26-5

C₃₈H₇₀N₂O₁₃

Erythromycin 9-(O-methyloxime).

Wy-48314. Macrolide antibiotic. *Xoma Corp.*

2196 Megalomicin

28022-11-9

C₄₄H₈₀N₂O₁₅

(3S,4S,5S,6R,7R,9R,11R,12R,13R,14R)-4-[(2,6-Dideoxy-3-C-methyl-α-L-ribohexopyranosyl)oxy]-14-ethyl-12,13-dihydroxy-3,5,7,9,11,13-hexamethyl-7-[[2,3,6-trideoxy-3-(dimethylamino)-α-L-ribohexopyranosyl]oxy]-6-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylohexopyranosyl]oxy]oxacyclotetradecane-2,10-dione. Sch-13430. Macrolide antibiotic. *Schering Corp.*

2197 Megalomicin Potassium Phosphate

51481-68-6

C₄₄H₈₄K₂N₂O₂₃P₂

(3S,4S,5S,6R,7R,9R,11R,12R,13R,14R)-4-[(2,6-Dideoxy-3-C-methyl-α-L-ribohexopyranosyl)oxy]-14-ethyl-12,13-dihydroxy-3,5,7,9,11,13-hexamethyl-7-[[2,3,6-trideoxy-3-(dimethylamino)-α-L-ribohexopyranosyl]oxy]-6-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylohexopyranosyl]oxy]oxacyclotetradecane-2,10-dione, compound with potassium dihydrogen phosphate (1:2). Sch-13430.2KH₂PO₄. Macrolide antibiotic. *Schering Corp.*

2198 Midecamycin A₁

35457-80-8 6271 252-578-0

C₄₁H₆₇NO₁₅

Leucomycin V 3,4^B-dipropionate.

espinomycin A; mydecamycin; turimycin P3; SF-837; YL-704B1; Aboren; Medemycin; Midecin; Momicine; Myoxam; Normicina; Rubimycin. Macrolide antibiotic. mp = 155-156°; [α]_D²³ = -67° (c = 1 EtOH); λ_m 232 nm (E_{1 cm}^{1%} 325 EtOH); soluble in MeOH, EtOH, Me₂CO, CHCl₃, EtOAc, C₆H₆, Et₂O, dilute acids; insoluble in H₂O, C₆H₁₄, petroleum ether. *Meiji.*

2199 Midecamycin A₃

36025-69-1 6271

C₄₁H₆₅NO₁₅

9-Deoxy-9-oxoleucomycin V 3,4^B-dipropionate. antibiotic SF-837A3. Macrolide antibiotic. mp = 122-

125°; $[\alpha]_D^{22} = -44^\circ$ (c = 1 EtOH); λ_m 280 nm ($E_D^{1\%}$ 295 EtOH); soluble in MeOH, EtOH, Me₂CO, CHCl₃, EtOAc, C₆H₆, Et₂O, dilute acid; insoluble in H₂O, C₆H₁₄, petroleum ether. *Meiji*.

2200 Miokamycin

55881-07-7 6291 259-879-6
C₄₅H₇₁NO₁₇
Leucomycin V 3^B,9-diacetate 3,4^B-dipropionate.
9,3-diacetylmidecamycin; MOM; ponsinomycin;
Miocamycin. Macrolide antibiotic. mp = 220° (dec); $[\alpha]_D^{25} = -53^\circ$ (c = 1.0 CHCl₃); $[\alpha]_D^{20} = -74^\circ$ (c = 1.0 MeOH); λ_m 231 nm ($E_{1\text{ cm}}^{1\%}$ 342 MeOH); soluble in MeOH, Me₂CO, CHCl₃; slightly soluble in H₂O. *Meiji*.

2201 Neutramycin

1404-08-6
C₃₄H₅₄O₁₄
Neutramycin.
AE-705W; LL-705W. Macrolide antibiotic. Antibiotic produced by *Streptomyces rimosus*.

2202 Oleandomycin

3922-90-5 6962 223-495-7
C₃₅H₆₁NO₁₂
Oleandomycin.
PA-105; Amimycin; Landomycin; Romicil. Macrolide antibiotic. Moderately soluble in H₂O; freely soluble in MeOH, EtOH, BuOH, Me₂CO; insoluble in C₆H₁₄, C₆H₆, CCl₄; λ_m 286-289 nm (MeOH). *Pfizer Inc.*

2203 Oleandomycin Hydrochloride

6696-47-5 6962
C₃₅H₆₂ClNO₁₂
Oleandomycin hydrochloride.
Macrolide antibiotic. mp = 134-135°; $[\alpha]_D^{25} = -54^\circ$ (MeOH); freely soluble in H₂O; LD₅₀ (mus orl) = 8200 mg/kg, (mus orl) = 600 mg/kg, (rat orl) > 10000 mg/kg, (rat iv) = 400 mg/kg. *Pfizer Inc.*

2204 Oleandomycin Phosphate

7060-74-4 6962 230-351-7
C₃₅H₆₄NO₁₆P
Oleandomycin phosphate (1:1).
Matromycin. Macrolide antibiotic. *Pfizer Inc.*

2205 Primycin A₁

47917-41-9 7931
C₅₅H₁₀₃N₃O₁₇
[5-[19-(α-D-Arabinofuranosyloxy)-35-butyl-10,12,14,16,18,22,26,30,34-nonahydroxy-3,5,21,33-tetramethyl-36-oxooxacyclohexatriaconta-4,20-dien-2-yl]-4-hydroxyhexyl]guanidine.
Macrolide antibiotic. Major component from the mixture of > 20 macrolide antibiotics produced in the intestinal tract of the wax moth (*Galleria melonella*). Fairly soluble in MeOH; sparingly soluble in C₅H₅N, AcOH, H₂O; LD₅₀ (mus ip) = 2.5 mg/kg, (gpg ip) = 5.0 mg/kg, (rat ip) = 10.0 mg/kg, (rbt ip) = 10.0 mg/kg. *Chinoïn*.

2206 Repromicin

56689-42-0
C₃₁H₅₁NO₈

16-Ethyl-4-hydroxy-5,9,13,15-tetramethyl-2,10-dioxo-6-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylohexopyranosyl]oxy]oxacyclohexadeca-11,3-diene-7-acetaldehyde.
Sch-16524. Macrolide antibiotic. *Schering Corp.*

2207 Rokitamycin

74014-51-0 8408
C₄₂H₆₉NO₁₅
[(4R,5S,6S,7R,9R,10R,11E,13E,16R)-7-(Formylmethyl)-4,10-dihydroxy-5-methoxy-9,16-dimethyl-2-oxooxacyclohexadeca-11,13-dien-6-yl]-3,6-dideoxy-4-O-(2,6-dideoxy-3-C-methyl-α-L-ribohexopyranosyl)-3-(dimethylamino)-β-D-glucopyranoside 4-butyrate 3-propionate.
rikamycin; M-19-Q; TMS-19Q; Ricamycin; Rokital. Macrolide antibiotic. mp = 116°; $[\alpha]_D^{25} = -71^\circ$ (c = 1.0 CHCl₃); λ_m 232 nm (ε 28000, EtOH). *Meiji*.

2208 Rosaramicin

35834-26-5 8420 252-742-1
C₃₁H₅₁NO₉
3-Ethyl-7-hydroxy-2,8,12,16-tetramethyl-5,13-dioxo-9-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylohexopyranosyl]oxy]-4,17-dioxabicyclo[14.1.0]-heptadec-14-ene-10-acetaldehyde.
4'-deoxycirramycin A₁; antibiotic 67-694; juvenimicin A₃; rosamicin; M-4365A2; Sch-14947. Macrolide antibiotic. mp = 119-122°; $[\alpha]_D^{26} = -35^\circ$ (EtOH); λ_m 240 nm (ε 14600 MeOH); slightly soluble in H₂O, Et₂O; freely soluble in MeOH, CHCl₃, CHCl₃, C₆H₆; LD₅₀ (mus sc) = 625 mg/kg, (mus ip) = 350 mg/kg, (mus iv) = 155 mg/kg. *Schering Corp.*

2209 Roxithromycin

80214-83-1 8433
C₄₁H₇₆N₂O₁₅
Erythromycin 9-[O-[(2-methoxyethoxy)methyl]oxime].
RU-965; RU-28965; Assoral; Claramid; Forilin; Overal; Rossitrol; Rotramin; Rulid; Surlid. Macrolide antibiotic. $[\alpha]_D^{25} = -77.5^\circ \pm 2^\circ$ (c = 0.45 CHCl₃). *Hoechst-Roussel Pharmaceuticals Inc.*

2210 Spiramycin

8025-81-8 8904 232-429-6
Rovamycin.
IL-5902; RP-5337; NSC-55926; 5selectomycin; Rovamicina; Leucomycin; Foromacidin; Provamycin; Rovamycin; 5selectomycin; 5equamycin; Rovamicina; [Embonate]: Spira 200; [Hexanedioate]: spiramycin adipate; 5tomamycin; Suanovil. Macrolide antibiotic. Mixture of macrolide antibiotics obtained from *Streptomyces ambofaciens* from the soli of Northern France. Its major components are the spiramycins I, II and III. $[\alpha]_D^{20} = -80^\circ$ (MeOH); λ_m 231 nm (EtOH); soluble in most organic solvents; LD₅₀ (rat orl) = 9400 mg/kg, (rat sc) = 1000 mg/kg, (rat iv) = 170 mg/kg. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

2211 Spiramycin I

24916-50-5 8904
C₄₃H₇₄N₂O₁₄
Foromacidin A. Macrolide antibiotic. mp = 134-137°; $[\alpha]_D^{20} = -96^\circ$; [triacetate]: mp = 140-142°; $[\alpha]_D^{20} = -92.5^\circ$.

Rhône-Poulenc Rorer Pharmaceuticals Inc.

2212 Spiramycin II

24916-51-6 8904

 $C_{45}H_{76}N_2O_{15}$ Foromacidin B. Macrolide antibiotic. mp = 130-133°; $[\alpha]_D^{20}$ = -86°; [diacetate]: mp = 156-160°; $[\alpha]_D^{20}$ = -98.4°.

Rhône-Poulenc Rorer Pharmaceuticals Inc.

2213 Spiramycin III

24916-52-7 8904

 $C_{46}H_{78}N_2O_{15}$ Foromacidin C. Macrolide antibiotic. mp = 128-131°; $[\alpha]_D^{20}$ = -83°; [diacetate]: mp = 140-142°; $[\alpha]_D^{20}$ = -90.4°.

Rhône-Poulenc Rorer Pharmaceuticals Inc.

2214 Troleandomycin

2751-09-9 9899 220-392-9

 $C_{41}H_{67}NO_{15}$

Triacetyloleandomycin.

TAO; NSC-108166; Cyclamycin; Wytrion; Evramycin; Triocetin. Macrolide antibiotic. Dec 176°; $[\alpha]_D^{25}$ = -23° (MeOH); slightly soluble in H_2O (< 0.1 g/100 ml). Roerig Div., Pfizer Pharmaceuticals.**Antibiotics, Nitrofuran****2215 Furalazine**

556-12-7

 $C_9H_7N_5O_3$

3-Amino-6-[2-(5-nitro-2-furyl)vinyl]-as-triazine.

A nitrofuran antibiotic.

2216 Furaltadone

139-91-3 4315 205-384-5

 $C_{13}H_{16}N_4O_6$

(±)-5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)amino]-2-oxazolidinone.

NF-260; Altafur; Albactina; Furazolin; Ibifur; Medifuran; Nitraldone; Otifuril; Sepsinol; Ultrafur; Unifur; Valsyn. Antibacterial. Used to treat urinary tract infections. mp = 206° (dec); sparingly soluble in H_2O ($\approx$ 0.075 g/100 ml at 25°). Norwich Eaton.**2217 Furazolium Chloride**

139-901-3 4321

 $C_9H_8ClN_3O_3S$

6,7-Dihydro-3-(5-nitro-2-furyl)-5H-imidazo[2,1-b]thiazolium chloride.

NF-963; Novofur; Dermafur. Antibacterial. Dec > 250°; [free base ($C_9H_7N_3O_3S$)]: mp = 171-172° (dec). Norwich Eaton.**2218 Furazolium Tartrate**

17692-15-8 4321

 $C_{13}H_{13}N_3O_9S$

6,7-Dihydro-3-(5-nitro-2-furyl)-5H-imidazo[2,1-b]-thiazolium hydrogenn tartrate.

Antibacterial. Norwich Eaton.

2219 Nifuradine

555-84-0 6621

 $C_8H_8N_4O_4$

1-[(5-Nitrofurfurylidene)amino]-2-imidazolidinone.

NF-246; NSC-6470; Renafur; oxafuradene. Antibacterial.

mp = 261.5-263°; λ_m 387.5, 273 nm (ϵ 17550, 13200 H_2O); soluble in H_2O (0.008-0.010 g/100 ml); LD₅₀ (rat orl) = 1681 mg/kg. Norwich Eaton.**2220 Nifuraldezone**

3270-71-1 6622 221-890-9

 $C_7H_6N_4O_5$

5-Nitro-2-furaldehyde semioxamazone.

NF-84; NSC-3184; Furamazone. Antibacterial. mp = 270° (dec). Eaton Labs.

2221 Nifuralide

54657-96-4

 $C_{14}H_{13}N_5O_4S$

2-(Allylamino)-4-thiazole carboxylic acid [3-(5-nitro-2-furyl)allylidene]hydrazide.

Antibacterial.

2222 Nifuratel

4936-47-4 6623 225-576-2

 $C_{10}H_{11}N_3O_5S$

5-[(Methylthio)methyl]-3-[(5-nitrofurfurylidene)amino]-2-oxazolidinone.

methylmercadone; Inimur; Macmiror; Magmilor; Omnes; Polmiror; Tydantil. Antibacterial, antifungal and antiprotozoal, targeting trichomonas. mp = 182°. Polichimica Sap.

2223 Nifuratrone

19561-70-7

 $C_7H_8N_2O_5$ N-(2-Hydroxyethyl)- α -(5-nitro-2-furyl)nitron.

Antibacterial. Dainippon Pharmaceutical Co.

2224 Nifurdazil

5036-03-3

 $C_{10}H_{12}N_4O_5$

1-(2-Hydroxyethyl)-3-[(5-nitrofurfurylidene)amino]-2-imidazolidinone.

NF-1010. Antibacterial.

2225 Nifurethazone

5580-25-6

 $C_{10}H_{15}N_5O_4$

5-Nitro-2-furaldehyde

2-(2-dimethylaminoethyl)semicarbazone.

Antibacterial.

2226 Nifurfoline

3363-58-4 6624 222-131-4

 $C_{13}H_{15}N_5O_6$

3-(Morpholinomethyl)-1-[(5-nitrofurfurylidene)amino]-hydantoin.

Urbac. Antibacterial. mp = 194-196°, 206°. Esteve Group.

2227 Nifurimide

15179-96-1

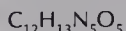
 $C_9H_{10}N_4O_4$

(±)-4-Methyl-1-[(5-nitrofurfurylidene)amino]-2-imidazolidinone.

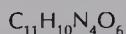
NF-1120. Antibacterial.

2228 Nifurizone

26350-39-0

1-(Methylcarbamoyl)-3-[[3-(5-nitro-2-furyl)allylidene]amino]-2-imidazolidinone.
CB-11380. Antibacterial.**2229 Nifurmazole**

18857-59-5

3-(Hydroxymethyl)-1-[[3-(5-nitro-2-furyl)allylidene]amino]-2-imidazolidinone.
CB-10615. Antibacterial and antiprotozoal, against trypanosomes.**2230 Nifurmerone**

5579-95-3

Chloromethyl 5-nitro-2-furyl ketone.
NF-71. Antibacterial.**2231 Nifuroquine**

57474-29-0

6625

260-755-9

4-(5-Nitro-2-furyl)quinaldic acid 1-oxide.
quinaldofur; Abimasten 100. Antibacterial. Used to treat mastitis in cows. mp = 190° (dec); insoluble in H₂O. *ABIC*.**2232 Nifuroxazide**

965-52-6

6626

213-522-0

p-Hydroxybenzoic acid 5-nitrofurfurylidene hydrazide.
RC-27109; Adral; Bacifurane; Diarlidan; Dicoferin; Ercefuroil; Ercefuryl; Pentofuryl. Antibacterial. Used as an intestinal antiseptic. mp = 298°; insoluble in H₂O. *Robert et Carriere*.**2233 Nifuroxime**

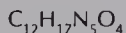
6236-05-1

6627

228-349-6

5-Nitro-2-furaldehyde oxime.
Micofur. Antibacterial. Used as a topical anti-infective and an antiprotozoal, against *Trichomonas*. mp = 156°, 163-164°; soluble in H₂O (0.1 g/100 ml), MeOH (8.9 g/100 ml), EtOH (3.9 g/100 ml). *Norwich Eaton*.**2234 Nifurpipone**

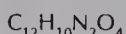
24632-47-1

4-Methyl-1-piperazineacetic acid
(5-nitrofurfurylidene)hydrazide.
NP; Rec-15-0122. Antibacterial.**2235 Nifurpirinol**

13411-16-0

6628

236-503-9

6-[2-(5-Nitro-2-furyl)vinyl]-2-pyridinemethanol.
Furanace; P-7138; furpyrinol; furpirinol. Antibacterial. Used to treat bacterial diseases in fish. mp = 170-171°; LD₅₀ (eel orl) = 1780 mg/kg. *Dainippon Pharmaceutical Co.; Yamanouchi U.S.A. Inc.***2236 Nifurprazine**

1614-20-6

6629

216-563-2

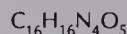
3-Amino-6-[2-(5-nitro-2-furyl)vinyl]pyridazine.
(HB-115; furenapyridazin; Furenazin. Antibacterial, used topically. *Boehringer Mannheim GmbH*.**2237 Nifurprazine Hydrochloride**

50832-74-1

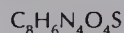
6629

3-Amino-6-[2-(5-nitro-2-furyl)vinyl]pyridazine hydrochloride.
Carofur. Antibacterial. mp = 290°. *Boehringer Mannheim GmbH*.**2238 Nifurquinazol**

5055-20-9

2,2'-[[2-(5-Nitro-2-furyl)-4-quinazolinyl]imino]diethanol.
NF-1088. Antibacterial.**2239 Nifurthiazole**

3570-75-0

Formic acid 2-[4-(5-nitro-2-furyl)-2-thiazolyl]hydrazide.
AS-17665; NSC-525334. Antibacterial. *Abbott Labs*.**2240 Nifurtimox**

23256-30-6

6630

245-531-0

4-[(5-Nitrofurfurylidene)amino]-3-methylthiomorpholine 1,1-dioxide.
Bayer 2502; Lampit. Antibacterial; primarily antiprotozoal, against *Trypanosoma*. mp = 180-182°; LD₅₀ (mus gvg) = 3720 mg/kg, (rat gvg) = 4050 mg/kg. *Bayer Corp., Pharmaceutical Div.***2241 Nifurtoinol**

1088-92-2

6631

214-126-0

3-(Hydroxymethyl)-1-[(5-nitrofurfurylidene)amino]hydantoin.
Urfadyn. Antibacterial. Dec 270°; λ_m = 367.5, 265 nm (ε 17900, 12800 2% in DMF). *Norwich Eaton*.**2242 Nifurvidine**

1900-13-6

2-Methyl-6-[2-(5-nitro-2-furyl)vinyl]-4-pyrimidinol.
Antibacterial.**2243 Nifurzide**

39978-42-2

6632

254-728-0

5-Nitro-2-thiophenecarboxylic acid [3-(5-nitro-2-furyl)allylidene]hydrazide.
Ricridene. Antibacterial. mp = 235-236°; LD₅₀ (mus orl) = 3200 mg/kg. *Lipha*.**2244 Nitrofurantoin**

67-20-9

6696

200-646-5

1-[(5-Nitrofurfurylidene)amino]hydantoin.
Macrobid; Macrochantin; Parfuran; Berkfuran; Chemiofuran; Cyantin; Cystit; FuaMed; Furachel; Furalan; Furadantin; Furadantine MC; Furadoin; Furantoina; Furobactina; Furophen T-Caps; Ituran; Trantoin; Urizept;

Urodin; Urolong; Uro-Tabvlinen; Welfurin. Antibacterial. Used to treat mastitis in cows. Dec 270-272°; $\lambda_m = 370$ nm ($E_{1\text{ cm}}^{1\%} 776$); soluble in H_2O (0.019 g/100 ml at pH 7), EtOH 0.051 g/100 ml, Me_2CO (0.510 g/100 ml), dm γ (8 g/100 ml), glycerol (0.06 g/100 ml), polyethylene glycol (1.5 g/100 ml). *Procter & Gamble Pharmaceuticals, Inc.; Norwich Eaton; Parke-Davis; Eaton Labs.*

2245 Nitrofurazone

59-87-0 6697 200-443-1
 $\text{C}_6\text{H}_6\text{N}_4\text{O}_4$
 5-Nitro-2-furaldehyde semicarbazone.
 Amifur; Furacin; Chemofuran; Furesol; Nifuzon; Nitrofuraz; Nitrozone; Furacinetten; Furacocid; Furazol W; Mammex; Furaplast; Coxistat; Aldomycin; Nefco; Vabrocid. Antibacterial; topical anti-infective. Dec 236-240°; $\lambda_m = 260$ 375 nm; slightly soluble in H_2O (0.023 g/100 ml), EtOH (0.17 g/100 ml), proylene glycol (0.29 g/100 ml); insoluble in Et_2O ; LD $_{50}$ (rat orl) = 590 mg/kg, (rat sc) = 3000 mg/kg. *Roberts Pharmaceutical Corp.; Norwich Eaton; SmithKline Beecham Animal Health.*

Antibiotics, Other**2246 Alafosfalin**

60668-24-8 204 262-362-8
 $\text{C}_5\text{H}_{13}\text{N}_2\text{O}_4\text{P}$
 [(1R)-1-[(2S)-2-Aminopropionamido]ethyl]phosphonic acid.
 alaphosphin; Ro-3-7008. A phosphonic acid antibiotic mp = 295-296° (dec); $[\alpha]_D^{20} = -44.0^\circ$ (c = 1 H_2O). *Hoffmann-LaRoche Inc.*

2247 Alexidine

22573-93-9 245-096-7
 $\text{C}_{26}\text{H}_{56}\text{O}_{10}$
 1,1'-Hexamethylenebis[5-(2-ethylhexyl)biguanide].
 Win-21904; compound 904.

2248 Asperlin

30387-51-0
 $\text{C}_{10}\text{H}_{12}\text{O}_5$
 6-(1,2-Epoxypropyl)-5,6-dihydro-5-hydroxy-2H-pyran-2-one acetate.
 U-13933; NSC-93158.

2249 Avilamycin

11051-71-1
 $\text{C}_{61}\text{H}_{88}\text{Cl}_2\text{O}_{32}$
 O-(1R)-4-C-Acetyl-6-deoxy-2,3-O-methylene-D-galactopyranosylidene-(1→3-4)-2-O-(2-methyl-1-oxopropyl)- α -L-lyxopyranosyl-O-2,6-dideoxy-4-O-(3,5-dichloro-4-hydroxy-2-methoxy-6-methylbenzoyl)- β -D-arabinoheptopyranosyl-(1→4)-O-2,6-dideoxy-D-arabinoheptopyranosyl-(1→3)-O-6-deoxy-4-O-methyl- β -D-galactopyranosyl-(1→4)-2,6-di-O-methyl- β -D-mannopyranoside.
 Avilamycin A; Surmax; LY-048740. *Eli Lilly & Co.*

2250 Batebulast

81907-78-0
 $\text{C}_{19}\text{H}_{29}\text{N}_3\text{O}_2$
 p-tert-Butylphenyl
 (guanidinomethyl)cyclohexanecarboxylate. trans-4-

NCO-650. A trypsin inhibitor. Also inhibits methylation of phospholipids. Has antibacterial properties.

2251 Biphenamine

3572-52-9 222-686-2
 $\text{C}_{19}\text{H}_{23}\text{NO}_3$
 2-(Diethylamino)ethyl 2-hydroxy-3-biphenylcarboxylate.
Wallace Labs.

2252 Biphenamine Hydrochloride

5560-62-3 226-930-9
 $\text{C}_{19}\text{H}_{24}\text{ClNO}_3$
 2-(Diethylamino)ethyl 2-hydroxy-3-biphenylcarboxylate hydrochloride.
 component of: Alvinine Shampoo. *Wallace Labs.*

2253 Bisdequalinium Diacetate

3785-44-2 223-252-5
 $\text{C}_{44}\text{H}_{64}\text{N}_4\text{O}_4$
 6,7,8,9,10,11,12,13,14,15,16,17,24,25,26,27,28,29,30,31,32,33-Docosahydro-35,37-dimethyl-5,34:18,23-diethenodibenzo[b,r][1,5,16,20]tetraazacyclotriacontine-23,24-dium diacetate.
 Antibacterial.

2254 Carbadox

6804-07-5 229-879-0
 $\text{C}_{11}\text{H}_{10}\text{N}_4\text{O}_4$
 Methyl 3-(2-quinoxalinylmethylene)carbazate N^1, N^4 -dioxide.
 Mecadox; GS-6244. *Pfizer International.*

2255 Chlorhexidine Phosphanilate

77146-42-0
 $\text{C}_{34}\text{H}_{46}\text{Cl}_2\text{N}_{12}\text{O}_6\text{P}_2$
 1,1'-Hexamethylenebis[5-(p-chlorophenyl)biguanide] (p-aminophenyl)phosphonate (1:2).
 BMY-30120; CHP; WP-973. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2256 Chloroxyleneol

88-04-0 201-793-8
 $\text{C}_8\text{H}_9\text{ClO}$
 4-Chloro-3,5-xyleneol.

2257 Clofoctol

37693-01-9 2439 253-632-6
 $\text{C}_{21}\text{H}_{26}\text{Cl}_2\text{O}$
 α -(2,4-Dichlorophenyl)-4-(1,1,3,3-tetramethylbutyl)-o-cresol.

2258 Coumermycin

4434-05-3
 $\text{C}_{55}\text{H}_{59}\text{N}_5\text{O}_{20}$
 5-Methylpyrrole-2-carboxylic acid diester with 3,3'-[(3-methylpyrrole-2,4-diyl)bis(carbonylimino)]bis[4-hydroxy-8-methyl-7-[(tetrahydro-3,4-dihydroxy-5-methoxy-6,6-dimethylpyran-2-yl)oxy]coumarin].
 NSC-107412.

2259 Coumermycin Sodium

87901-11-9
 $\text{C}_{55}\text{H}_{57.6}\text{N}_5\text{Na}_{1.4}\text{O}_{20}$
 5-Methylpyrrole-2-carboxylic acid 3,3' diester with 3,3'-[(3-methylpyrrole-2,4-diyl)bis(carbonylimino)]bis[7-(5,5-di-C-methyl-4-O-methyl- α -L-lyxopyranosyl)oxy]-4-

(methylamino)-4H-pyrano[2,3-b][1,4]benzodioxin-4-one.
Aminoglycoside antibiotic.

2296 Stallimycin

636-47-5

 $C_{22}H_{27}N_9O_4$

N-(2-Amidinoethyl)-4-formamido-1,1',1-trimethyl-
N,4':N',4-ter[pyrrole-2-carboxamide].

Farmitalia.

2297 Stallimycin Hydrochloride

6576-51-8

229-505-6

 $C_{22}H_{28}ClN_9O_4$

N-(2-Amidinoethyl)-4-formamido-1,1',1-trimethyl-
N,4':N',4-ter[pyrrole-2-carboxamide]
monohydrochloride.

Herperal; F.I. 6426. *Farmitalia*.**2298 Taurolidine**

19388-87-5

9243

243-016-5

 $C_7H_{16}N_4O_4S_2$

4,4'-Methylenebis(tetrahydro-1,2,4-thiadiazine
1,1-dioxide).

2299 Tetronasin 5930

75139-05-8

9384

 $C_{35}H_{54}O_8$

4-Hydroxy-3-[(2S)-2-[(1S,2S,6R)-2-[(1E)-3-hydroxy-2-
[(2R,3R,6S)-tetrahydro-3-methyl-6-[(1E,3S)-3-[(2R,3S,5R)-
tetrahydro-5-[(1S)-1-methoxyethyl]-3-methyl-2-furyl]-1-
butenyl]-2H-pyran-2-yl]propenyl]-6-
methylcyclohexyl]propionyl]-2(5H)-furanone.
antibiotic M139603; ICI-139603; M-139603. Polyether-
ionophore antibiotic (veterinary) produced by
Streptomyces longisporoflavus NCIB 11426. Possesses a
biosynthetically rare acyl tetronic acid moiety. mp = 176-
178°; $[\alpha]_D^{23} = -82^\circ$ (c = 0.2 in MeOH); $\lambda_m = 234, 270$ nm (ϵ
1300, 1100 in EtOH); pKa = 1.8 $\pm$ 3 (in MeOH:H₂O 1:9);
soluble in most organic solvents, insoluble in H₂O.

2300 Ticlatone

70-10-0

 C_7H_4ClNOS

6-Chloro-1,2-benzisothiazolin-3-one.

FER-1443.

2301 Tilbroquinol

7175-09-9

230-533-6

 $C_{10}H_8BrNO$

7-Bromo-5-methyl-8-quinolinol.

component of: Intetrix. An intestinal antiseptic. Antibiotic.

2302 Tiliquinol

5541-67-3

226-905-2

 $C_{10}H_9NO$

5-Methyl-8-quinolinol.

component of: Intetrix. An intestinal antiseptic. Antibiotic.

2303 Tiodonium Chloride

38070-41-6

 $C_{10}H_7Cl_2IS$

(p-Chlorophenyl)-2-thienyliodonium chloride.

DL-164. *Marion Merrell Dow Inc.***2304 Trospectomycin**

88669-04-9

9917

 $C_{17}H_{30}N_2O_7$

(2R,4aR,5aR,6S,7S,8R,9S,9aR,10aS)-2-Butyldecahydro-
4a,7,9-trihydroxy-6,8-bis(methylamino)-4H-pyrano[2,3-
b][1,4]benzodioxin-4-one.

Aminoglycoside antibiotic.

2305 Trospectomycin Sulfate Pentahydrate

88851-61-0

9917

 $C_{17}H_{32}N_2O_{11} \cdot 5H_2O$

(2R,4aR,5aR,6S,7S,8R,9S,9aR,10aS)-2-Butyldecahydro-
4a,7,9-trihydroxy-6,8-bis(methylamino)-4H-pyrano[2,3-
b][1,4]benzodioxin-4-one sulfate (1:1) (salt) pentahydrate.
U-63366F. Aminoglycoside antibiotic.

2306 Tuberin

53643-53-1

9938

 $C_{10}H_{11}NO_2$

N-[2-(4-Methoxyphenyl)ethenyl]formamide.

mp = 132-133°; λ_m 219, 285 nm ($\epsilon_{1\%}^{1\text{cm}}$ 870 1710 MeOH);
insoluble in petroleum ether; sparingly soluble in H₂O,
C₆H₆; soluble in MeOH, EtOH, EtOAc, Me₂CO, CCl₄,
CHCl₃. *Inst. Phys. & Chem. Res.*

2307 Valnemulin

101312-92-9

 $C_{31}H_{52}N_2O_5S$

[2-[(R)-2-Amino-3-methylbutyramido]-1,1-
dimethylethyl]thio]acetic acid 8-ester with
(3aS,4R,5S,6S,8R,9R,9aR,10R)-octahydro-5,8-dihydroxy-
4,6,9,10-tetramethyl-6-vinyl-3a,9-propano-3aH-
cyclopentacycloocten-1(4H)-one.
Econor. Antibacterial (veterinary).

2308 Xibornol

13741-18-9

10210

237-312-3

 $C_{18}H_{26}O$

6-Isobornyl-3,4-xlenol.

Antibiotics, Polypeptide

2309 Amphomycin

1402-82-0

625

215-760-0

 $C_{58}H_{91}N_{13}O_{20}$

R-Asp-MeAsp-Asp-Gly-Asp-Gly-Dab^a-Val-Pro-Dab^b-Pip^c
[R = (+)-3-anteisotridecanoic or (+)-3-isododecanoic acid;
Dab^a = D-erythro- α,β -diaminobutyric acid; Dab^b = L-
threo- α,β -diaminobutyric acid; Pip^c = D-pipecolic acid,
cyclized with the neighboring Dab]. Peptide antibiotic.
Bristol-Myers Products.

2310 Anthelmycin

1402-84-2

hikizimycin; 33876. A 4-aminohexylcytosine antibiotic
which inhibits protein synthesis on both pro- and
eukaryotic ribosomes by preventing the peptide bond-
forming reaction. Antibiotic substance produced by
Streptomyces longissimus. *Eli Lilly & Co.*

2311 Aspartocin

4117-65-1

 $C_{42}H_{64}N_{12}O_{12}S_2$

Oxytocin 4-L-asparagine.

H-Cys-Tyr-Ile-Asn-Asn-Cys-Pro-Lue-Gly-NH₂-cyclic

- (1→6)-disulfide; A 8999. Antibiotic produced by *Streptomyces griseus*.
- 2312 Bacitracin**
1405-87-4 965 215-786-2
 $C_{66}H_{103}N_{17}O_{16}S$
Thiazole decapeptide.
Peptide antibiotic.
- 2313 Bacitracin Methylene Disalicylic Acid**
1405-88-5 965
Bacitracin methylenebis[2-hydroxybenzoate].
bacitracin methylenedisalicylate. Peptide antibiotic.
- 2314 Capreomycin**
11003-38-6 1801
Cyclic heptapeptide related to Viomycin.
Capastat. Peptide antibiotic. Cyclic peptide antibiotic produced by *Streptomyces capreolus* NRRL2773. Related to Viomycin. Two major components are Capreomycin IA and Capreomycin IB. A proprietary antibiotic produced by *Streptomyces capreolus* present as the sulfate in capastat. *Dista Products Ltd.*
- 2315 Capreomycin Disulfate**
1405-36-3 1801
Caprocin; Ogostal. Peptide antibiotic. LD_{50} (mus iv) = 250 mg/kg, (mus sc) = 514 mg/kg, (rat iv) = 325 mg/kg, (rat sc) = 1191 mg/kg.
- 2316 Capreomycin IA**
37280-35-6 1801
 $C_{25}H_{44}N_{14}O_8$
Peptide antibiotic. mp = 246-248° (dec); $[\alpha]_D^{22} = -21.9^\circ$ (c = 0.5 H₂O); λ_m 269 nm (ϵ 24000 0.1N HCl), 268 nm (ϵ 23900 H₂O), 287 nm (ϵ 15900 0.1N NaOH).
- 2317 Capreomycin IB**
33490-33-4 1801
 $C_{25}H_{44}N_{14}O_7$
Peptide antibiotic. mp = 253-255° (dec); $[\alpha]_D^{22} = -44.6^\circ$ (c = 0.55 H₂O); λ_m 268 nm (ϵ 22700 0.1N HCl), 268 nm (ϵ 22300 H₂O), 290 nm (ϵ 14400 0.1N NaOH).
- 2318 Colistin**
1066-17-7 2542 213-907-3
Cyclopolypeptide produced by *Bacillus colistinus* (*Aerobacillus colistinus*).
Polymyxin E.
Peptide antibiotic. Mixture of Colistin A, B and C. Colistin A is the same as Polymyxin E₁ ($C_{53}H_{100}N_{16}O_{13}$).
- 2319 Colistin Sodium Methanesulfonate**
8068-28-8 2542 232-516-9
Peptide antibiotic.
- 2320 Colistin Sulfate**
1264-72-8 2542 215-034-3
Peptide antibiotic.
- 2321 Dalfopristin**
112362-50-2
 $C_{34}H_{50}N_4O_9S$
(3R,4R,5E,10E,12E,14S,26R,26aS)-26-[[2-(Diethylamino)ethyl]sulfonyl]-8,9,14,15,24,25,26,26a-octahydro-14-hydroxy-3-isopropyl-4,12-dimethyl-3H-21,18-nitrilo-1H,22H-pyrrolo[2,1-c][1,8,4,19]-dioxodiazacyclotetracosine-1,7,16,22(4H,17H)-tetrone.
RP-54476. Peptide antibiotic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*
- 2322 Daptomycin**
103060-53-3
 $C_{72}H_{101}N_{17}O_{26}$
N-Decanoyl-L-tryptophyl-L-asparaginyl-L-aspartyl-L-threonylglycyl-L-ornithyl-L-aspartyl-D-alanyl-L-aspartylglycyl-D-seryl-threo-3-methyl-L-glutamyl-3-anthraniloyl-L-alanine ϵ_1 -lactone.
LY-146032. Peptide antibiotic. *Eli Lilly & Co.*
- 2323 Enduracidin**
11115-82-5 3619
Peptide antibiotic. Cyclodepsipeptide antibiotic produced by *Streptomyces fungicidicus* and comprised of Enduracidins A and B, both 17-mers. *Takeda.*
- 2324 Enduracidin A Hydrochloride**
33368-20-6 3619
 $C_{107}H_{139}Cl_3N_{26}O_{31}$
component of: Enduracidin. Peptide antibiotic. mp = 240-245°; $[\alpha]_D^{23} = 92^\circ$ (c = 0.5 DMF); λ_m 231, 272 nm (0.1N HCl). *Takeda.*
- 2325 Enduracidin B Hydrochloride**
34765-98-5 3619
 $C_{108}H_{141}Cl_3N_{26}O_{31}$
component of: Enduracidin. Peptide antibiotic. mp = 238-241°; $[\alpha]_D^{23} = 92^\circ$ (c = 0.5 DMF); λ_m 231, 272 nm (0.1N HCl). *Takeda.*
- 2326 Enviomycin**
33103-22-9 3636
 $C_{25}H_{43}N_{13}O_{10}$
[[15-(3,6-Diamino-4-hydroxyhexanamido)-3-(hexahydro-2-imino-4-pyrimidinyl)-9,12-bis(hydroxymethyl)-2,5,8,11,14-pentaoxo-1,4,7,10,13-pentaazacyclohexadec-6-ylidene]methyl]urea.
Peptide antibiotic.
- 2327 Fusafungine**
1393-87-9 4335 215-737-5
S-314; Biofusal; Fusaloyos; Fusarine; Locabiotal. Peptide antibiotic. Antibiotic obtained from cultures of a *fusarium* belonging to the *Lateritium* Wr. section. mp = 125-129°; insoluble in H₂O, soluble in glycols and fats. *Biofarma.*
- 2328 Gramicidin**
1405-97-6 4553 215-790-4
CHO-Val-Gly-Ala-D-Leu-Ala-D-Val-Val-D-Val-Trp-D-Leu-Trp-D-Leu-Trp-D-Leu-Trp-NHCH₂CH₂OH;
Gramoderm; component of: Neo-Polycin, Neosporin Ophthalmic Solution, Spectrocin. Peptide antibiotic. *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Glaxo Wellcome Inc.; Marion Merrell Dow Inc.; Schering Corp.; Penick.*
- 2329 Gramicidin S**
113-73-5 4552
 $C_{60}H_{92}N_{12}O_{10}$
Cyclo(L-valyl-L-ornithyl-L-leucyl-D-phenylalanyl-L-prolyl-L-valyl-L-ornithyl-L-leucyl-D-phenylalanyl-L-prolyl).

Peptide antibiotic.

2330 Mideplanin

122173-74-4

$C_{93}H_{109}Cl_2N_{11}O_{32}$

34-[(2-Acetamido-2-deoxy- β -D-glucopyranosyl)oxy]-15-amino-22,31-dichloro-56-[[2-deoxy-2-(8-methylnonanamido)- β -D-glucopyranosyl]oxy]-N-[3-(dimethylamino)propyl]-2,3,16,17,18,19,35,36,37,38,48,49,50,50a-tetradecahydro-6,11,40,44-tetrahydroxy-42-(α -D-mannopyranosyloxy)-2,16,36,50,51,59-hexaoxo-1H,15H,34H-20,23:30,33-dietheno-3,18:35,48-bis(iminomethano)-4,8:10,14:25,28:43,47-tetrametheno-28H-[1,14,6,22]dioxadiazacyclooctacosio[4,5-m][10,2,16]benzoxadiazacyclotetracosine-38-carboxamide.

MDL-62873. Peptide antibiotic.

2331 Mikamycin

11006-76-1

6275

234-244-6

Peptide antibiotic.

2332 Paldimycin

102426-96-0

A *Streptomyces* peptide antibiotic, consisting of two components, Paldimycin A and Paldimycin B.

U-70138. Peptide antibiotic. *Pharmacia & Upjohn, Inc.*

2333 Paldimycin A

101411-70-5

$C_{44}H_{64}N_4O_{23}S_3$

2-Amino-5-[3-O-[2,6-dideoxy-4-C-[(1S)-1-hydroxyethyl]-3-O-methyl- α -L-lyxohexopyranosyl]- β -D-allopyranosyl]-5-hydroxy-3,6-dioxo-1-cyclohexene-1-carboxylic acid 4'-[3-[[[(2R)-2-acetamido-2-carboxyethyl]thio]-2-[[dithiocarboxy]amino]butyrate] 6'-acetate.

Peptide antibiotic. *Pharmacia & Upjohn, Inc.*

2334 Paldimycin B

101411-71-6

$C_{43}H_{62}N_4O_{23}S_3$

2-Amino-5-[3-O-[2,6-dideoxy-4-C-[(1S)-1-hydroxyethyl]-3-O-methyl- α -L-lyxohexopyranosyl]- β -D-allopyranosyl]-5-hydroxy-3,6-dioxo-1-cyclohexene-1-carboxylic acid 4'-[3-[[[(2R)-2-acetamido-2-carboxyethyl]thio]-2-[[dithiocarboxy]amino]butyrate] 6'-acetate.

Peptide antibiotic. *Pharmacia & Upjohn, Inc.*

2335 Polymyxin

1406-11-7

7734

Antibiotic complex produced by *Bacillus polymyxa*. Contains about 11 separate component polypeptide antibiotics, termed the polymyxins.

[hydrochloride salt]: dec 228-230°; $[\alpha]_D^{23} = -40^\circ$ ($c = 1.05$); very soluble in H_2O , MeOH; insoluble in other organic solvents. *American Cyanamid; Glaxo Wellcome Inc.*

2336 Polymyxin B

1404-26-8

7734

215-768-4

Peptide antibiotic. Mixture of Polymyxins B_1 and B_2 . $[\alpha]_{5461} = -106.3^\circ$.

2337 Polymyxin B Sulfate

1405-20-5

7734

215-774-7

Aerosporin; Mastimyxin. Peptide antibiotic.

2338 Polymyxin B_1

†

4135-11-9

7734

$C_{56}H_{98}N_{16}O_{13}$

Peptide antibiotic. [pentahydrochloride salt ($C_{56}H_{103}Cl_5N_{16}O_{13}$): $[\alpha]_D^{25} = -85.11^\circ$ ($c = 2.33$ 75% EtOH).

2339 Polymyxin B_2

34503-87-2

7734

$C_{55}H_{96}N_{16}O_{13}$

Peptide antibiotic. $[\alpha]_{5461}^{22} = -112.4^\circ$.

2340 Polymyxin D_1

10072-50-1

7734

$C_{50}H_{93}N_{15}O_{15}$

Peptide antibiotic.

2341 Polymyxin D_2

34167-45-8

7734

$C_{49}H_{91}N_{15}O_{15}$

Peptide antibiotic.

2342 Pristinamycin

11006-76-1

7933

234-244-6

RP-7293; Pyostacine. Peptide antibiotic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

2343 Quinupristin

120138-50-3

$C_{53}H_{67}N_9O_{10}S$

N-[[[6R,9S,10R,13S,15aS,18R,22S,24aS]-22-[p-(Dimethylamino)benzyl]-6-ethylidocosahydro-10,23-dimethyl-5,8,12,15,17,21,24-heptaoxo-13-phenyl-18-[[[(3S)3-quinuclidinylthio]methyl]-12H-pyrido[2,1-f]pyrrolo[2,1-l][1,4,7,10,13,16]-oxapentaazacyclononadecin-9-yl]-3-hydroxypicolinamide.

Derivative of virginiamycin S_1 ; RP-57669. Peptide antibiotic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

2344 Ramoplanin

76168-82-6

Peptide antibiotic.

2345 Ramoplanin A_1

81988-87-6

$C_{118}H_{152}ClN_{21}O_{40}$

(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N²-[(2Z,4Z)-2,4-octadienoyl]-(S)-asparaginy]-(2S,3S)-3-hydroxyasparaginy]-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)-glycyl-(2S,3S)-allothreonyl-(S)-phenylalanyl-(R)-ornithyl-(S)-2-[p-[(2-O- α -D-mannopyranosyl- α -D-mannopyranosyl)oxy]phenyl]glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl]glycine- ψ_1 -lactone. Peptide antibiotic.

2346 Ramoplanin A'_1

124884-28-2

$C_{112}H_{146}ClN_{21}O_{35}$

(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N²-[(2Z,4Z)-2,4-octadienoyl]-(S)-asparaginy]-(2S,3S)-3-

hydroxyasparaginy-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)-glycyl-(2S,3S)-allothreonyl-(S)-phenylalanyl-(R)-ornithyl-(S)-2-[p-(α -D-mannopyranosyloxy)phenyl]glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl]glycine- ψ_2 -lactone.
Peptide antibiotic.

2347 Ramoplanin A₂

81988-88-7

 $C_{119}H_{154}ClN_{21}O_{40}$

(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N²-[(2Z,4Z)-7-methyl-2,4-octadienoyl]-(S)-asparaginy-(2S,3S)-3-hydroxyasparaginy-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)-(S)-phenylalanyl]glycyl-(2S,3S)-allothreonyl-(S)-phenylalanyl-(R)-ornithyl-(S)-2-[p-[(2-O- α -D-mannopyranosyl- α -D-mannopyranosyl(oxy)phenyl]glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl]glycine- ψ_1 -lactone.
Peptide antibiotic.

2348 Ramoplanin A₁

124884-29-3

 $C_{113}H_{144}ClN_{21}O_{35}$

(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N²-[(2Z,4Z)-7-methyl-2,4-octadienoyl]-(S)-asparaginy-(2S,3S)-3-hydroxyasparaginy-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)glycyl-(2S,3S)-allothreonyl-(S)-phenylalanyl-(R)-ornithyl-(S)-2-[p-(α -D-mannopyranosyloxy)phenyl]glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl]glycine- ψ_1 -lactone.
Peptide antibiotic.

2349 Ramoplanin A₃

81988-89-8

 $C_{120}H_{156}ClN_{21}O_{40}$

(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N²-[(2Z,4Z)-8-methyl-2,4-nonadienoyl]-(S)-asparaginy-(2S,3S)-3-hydroxyasparaginy-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)glycyl-(2S,3S)-allothreonyl-(S)-phenylalanyl-(R)-ornithyl-(S)-2-[p-[(2-O- α -D-mannopyranosyl- α -D-mannopyranosyl(oxy)phenyl]glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl]glycine- ψ_1 -lactone.
Peptide antibiotic.

2350 Ramoplanin A₁

124884-30-6

 $C_{114}H_{146}ClN_{21}O_{35}$

(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N²-[(2Z,4Z)-8-methyl-2,4-nonadienoyl]-(S)-asparaginy-(2S,3S)-3-hydroxyasparaginy-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)glycyl-(2S,3S)-allothreonyl-(S)-phenylalanyl-(R)-ornithyl-(S)-2-[p-(α -D-mannopyranosyloxy)phenyl]glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl]glycine- ψ_1 -lactone.
Peptide antibiotic.

2351 Ristocetin

1404-55-3

8398

215-770-5

 $[Ristocetin\ A]: C_{95}H_{110}N_8O_{44}$

Peptide antibiotic obtained from *Nocardia lurida*.
Ristomycin; Spontin; Riston. Peptide antibiotic.

2352 Teicoplanin

61036-64-4

9269

Mixture of peptide antibiotics obtained from *Actinoplanes teichomyceticus*. Has six major components (Teicoplanins).

Targocid. Peptide antibiotic. Hoechst.

2353 Teicoplanin A_{2,1}

91032-34-7

 $C_{88}H_{95}Cl_2N_9O_{33}$

(3S,15R,18R,34R,35S,38S,48R,50aR)-34-[(2-Acetamido-2-deoxy- β -D-glucopyranosyl)oxy]-15-amino-22,31-dichloro-56-[[2-(Z)-4-decenamido-2-deoxy- β -D-glucopyranosyl]oxy]-2,3,16,17,18,19,35,36,37,38,48,49,50,50a-tetradecahydro-6,11,40,44-tetrahydroxy-42-(α -D-mannopyranosyloxy)-2,16,36,50,51,59-hexaoxo-1H,15H,34H,-20,23:30,33-dietheno-3,18:35,48-bis(iminomethano)-4,8:10,14:25,28:43,47-tetrametheno-28H-[1,14,6,22]-dioxadiazacyclooctacosino[4,5-m][10,2,16]benzoxadiazacyclotetracosine-38-carboxylic acid.

Peptide antibiotic. Hoechst.

2354 Teicoplanin A_{2,2}

91032-26-7

 $C_{88}H_{97}Cl_2N_9O_{33}$

(3S,15R,18R,34R,35S,38S,48R,50aR)-34-[(2-Acetamido-2-deoxy- β -D-glucopyranosyl)oxy]-15-amino-22,31-dichloro-56-[[2-deoxy-2-(8-methylnonanonamido- β -D-glucopyranosyl)oxy]-2,3,16,17,18,19,35,36,37,38,48,49,50,50a-tetradecahydro-6,11,40,44-tetrahydroxy-42-(α -D-mannopyranosyloxy)-2,16,36,50,51,59-hexaoxo-1H,15H,34H,-20,23:30,33-dietheno-3,18:35,48-bis(iminomethano)-4,8:10,14:25,28:43,47-tetrametheno-28H-[1,14,6,22]dioxadiazacyclooctacosino[4,5-m][10,2,16]benzoxadiazacyclotetracosine-38-carboxylic acid.
Peptide antibiotic. Hoechst.

2355 Teicoplanin A_{2,3}

91032-36-9

 $C_{88}H_{97}Cl_2N_9O_{33}$

(3S,15R,18R,34R,35S,38S,48R,50aR)-34-[(2-Acetamido-2-deoxy- β -D-glucopyranosyl)oxy]-15-amino-22,31-dichloro-56-[[2-decanamido-2-deoxy- β -D-glucopyranosyl]oxy]-2,3,16,17,18,19,35,36,37,38,48,49,50,50a-tetradecahydro-6,11,40,44-tetrahydroxy-42-(α -D-mannopyranosyloxy)-2,16,36,50,51,59-hexaoxo-1H,15H,34H,-20,23:30,33-dietheno-3,18:35,48-bis(iminomethano)-4,8:10,14:25,28:43,47-tetrametheno-28H-[1,14,6,22]dioxadiazacyclooctacosino[4,5-m][10,2,16]benzoxadiazacyclotetracosine-38-carboxylic acid.
Peptide antibiotic. Hoechst.

2356 Teicoplanin A_{2,4}

91032-37-0

 $C_{88}H_{97}Cl_2N_9O_{33}$

(3S,15R,18R,34R,35S,38S,48R,50aR)-34-[(2-Acetamido-

2-deoxy- β -D-glucopyranosyl)oxy]-15-amino-22,31-dichloro-56-[[2-deoxy-2-(8-methyldecanamido)- β -D-glucopyranosyl]oxy]-2,3,16,17,18,19,35,36,37,38,48,49,50,50a-tetradecahydro-6,11,40,44-tetrahydroxy-42-(α -D-mannopyranosyloxy)-2,16,36,50,51,59-hexaoxo-1H,15H,34H-20,23:30,33-dietheno-3,18:35,48-bis(iminomethano)-4,8:10,14:25,28:43,47-tetrametheno-28H-[1,14,6,22]dioxadiazacyclooctacosino[4,5-m][10,2,16]-benzoxadiazacyclotetracosine-38-carboxylic acid. Peptide antibiotic. *Hoechst*.

2357 Teicoplanin A_{2.5}

91032-38-1

C₈₈H₉₇Cl₂N₉O₃₃

(3S,15R,18R,34R,35S,38S,48R,50aR)-34-[(2-Acetamido-2-deoxy- β -D-glucopyranosyl)oxy]-15-amino-22,31-dichloro-56-[[2-deoxy-2-(9-methyldecanamido)- β -D-glucopyranosyl]oxy]-2,3,16,17,18,19,35,36,37,38,48,49,50,50a-tetradecahydro-6,11,40,44, tetrahydroxy-42-(α -D-mannopyranosyloxy)-2,16,36,50,51,59-hexaoxo-1H,15H,34H-20,23:30,33-dietheno-3,18:35,48-bis(iminomethano)-4,8:10,14:25,28:43,47-tetrametheno-28H-[1,14,6,22]dioxadiazacyclooctacosino[4,5-m][10,2,16]benzoxadiazacyclotetracosine-38-carboxylic acid.

Peptide antibiotic. *Hoechst*.

2358 Teicoplanin A_{3.1}

93616-27-4

C₇₂H₆₈Cl₂N₈O₃₈

(3S,15R,18R,34R,35S,38S,48R,50aR)-34-[(2-Acetamido-2-deoxy- β -D-glucopyranosyl)oxy]-15-amino-22,31-dichloro-2,3,16,17,18,19,35,36,37,38,48,49,50,50a-tetradecahydro-6,11,40,44,56-pentahydroxy-42-(α -D-mannopyranosyloxy)-2,16,36,50,51,59-hexaoxo-1H,15H,34H-20,23:30,33-dietheno-3,18:35,48-bis(iminomethano)-4,8:10,14:25,28:43,47-tetrametheno-28H-[1,14,6,22]-dioxadiazacyclooctacosino[4,5-m][10,2,16]benzoxadiazacyclotetracosine-38-carboxylic acid.

Peptide antibiotic. *Hoechst*.

2359 Thiostrepton

1393-48-2

9502

215-734-9

C₇₂H₈₅N₁₉O₁₈S₅

Gargon; Thiactin; Bryamycin. Peptide antibiotic. Polypeptide antibiotic produced by *Streptomyces azureus*. Dec 246-256°; $[\alpha]^{23D} = -985.^\circ$ (AcOH), -61° (dioxane), -20° (C₅H₅N); soluble in CHCl₃, dioxane, C₅H₅N, DMF, AcOH; insoluble in H₂O, MeOH, EtOH, nonpolar organic solvents; no uv maxima, shoulders at 225, 250, 280 nm ($E^{1\%}_1$: 520, 380, 255); [hemisuccinate]: mp = 200-220°. *Olin Mathieson*.

2360 Tuberactinomycin

11075-36-8

9935

Peptide antibiotic. Polypeptide antibiotic obtained from *Streptomyces griseovorticillatus* var. *tuberacticus*. Composed of tuberactinomycins A, B, N and O. Tuberactinomycin B is identical to viomycin and tuberactinomycin N to enviomycin[†]. [hydrochloride]: mp = 244-264° (dec); $[\alpha]^{25}_D = -31.5^\circ$ (c = 1 H₂O); λ_m 268 nm ($E^{1\%}_D$ 330 H₂O), 268.5 nm ($E^{1\%}_D$ 313 1N HCl), 285 nm ($E^{1\%}_D$ 206.5 0.1N NaOH); soluble in H₂O; poorly soluble in

MeOH; insoluble in EtOH, C₅H₅N, Et₂O, CHCl₃, dioxane, Me₂CO, C₆H₆.

2361 Tuberactinomycin A

33103-21-8

9935

C₂₅H₄₃N₁₃O₁₁

1-[(3R,4R)-4-Hydroxy-L-3,6-diaminohexanoic acid]viomycin.

Peptide antibiotic.

2362 Tuberactinomycin O

33137-73-4

9935

C₂₅H₄₃N₁₃O₉

(R)-6-[L-2-(2-Amino-1,4,5,6-tetrahydro-4-pyrimidinyl)glycine]viomycin.

Peptide antibiotic.

2363 Tyrocidin

8011-61-8

9967

232-375-3

A peptide antibiotic mixture from *Bacillus brevis*; major constituent of tyrothricin with three components, tyrocidins A, B and C.

Brevicidin [hydrochloride]; Rapticidin [hydrochloride].

Peptide antibiotic. [hydrochloride]: Dec 240°; $[\alpha]^{20}_D = -101^\circ$ (c = 1.2 95% EtOH); soluble in EtOH, AcOH, C₅H₅N; slightly soluble in H₂O, Me₂CO; insoluble in Et₂O, CHCl₃, hydrocarbons. *Penick*.

2364 Tyrocidin A

1481-70-5

9967

C₆₆H₈₇N₁₃O₁₃

Peptide antibiotic. [hydrochloride]: mp = 240-242°; $[\alpha]^{25}_D = -111^\circ$ (c = 1.37 50% EtOH); freely soluble in aqueous MeOH, EtOH; slightly soluble in MeOH, EtOH; insoluble in CHCl₃, Me₂CO, Et₂O.

2365 Tyrocidin B

865-28-1

9967

C₆₆H₈₈N₁₄O₁₃

Peptide antibiotic. [hydrochloride]: mp = 236-237°; $[\alpha]_D = -93.0^\circ$ (c = 0.5 MeOH); has same structure as tyrocidin A except that L-tryptophan replaces the L-phenylalanine.

2366 Tyrocidin C

3252-29-7

9967

C₇₀H₈₉N₁₅O₁₃

Peptide antibiotic. Has same structure as tyrocidin B except that D-tryptophan replaces the D-phenylalanine attached to L-asparagine.

2367 Tyrothricin

1404-88-2

9972

215-771-0

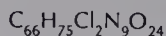
Polypeptide antibiotic mixture obtained from soil bacilli belonging to the *Tyrothrix* group of bacteria.

Coltrot; Matricin; Hydrotricine; Dermotricine; Tyroderm; Solutricine; Tyri 10. Peptide antibiotic. Dec

215-220°; poorly soluble in H₂O (0.21 g/100 ml); soluble in EtOH, MeOH, propylene glycol, iPrOH (0.56 g/100 ml), C₆H₆ (0.30 g/100 ml), isooctane (0.0042 g/100 ml), CCl₄ (0.045 g/100 ml), EtOAc (0.265 g/100 ml), Me₂CO (0.68 g/100 ml), Et₂O (0.325 g/100 ml), dioxane (0.111 g/100 ml), CHCl₃ (0.16 g/100 ml); LD₅₀ (mus sc) > 1500 mg/kg, (mus ip) = 100 mg/kg, (mus orl) > 3000 mg/kg.

2368 Vancomycin

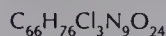
1404-90-6 10066 215-772-6



Vancocin. Peptide antibiotic.

2369 Vancomycin Hydrochloride

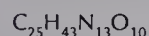
1404-93-9 10066



Lyphocin; Vancor. Peptide antibiotic. White solid; λ_m 282 nm ($E_{1\%}^{1\text{cm}}$ 40 H₂O); soluble in H₂O (> 10 g/100 ml); moderately soluble in dilute MeOH; less soluble in higher alcohols, Me₂CO, Et₂O; LD₅₀ (mus iv) = 489 mg/kg, (mus ip) = 1734 mg/kg, (mus sc, orl) = 5000 mg/kg.

2370 Viomycin

32988-50-4 10139 251-323-0



Celiomycin; florimycin; tuberactinomycin B. Peptide antibiotic. [hydrochloride]: mp = 270° (dec); $[\alpha]_D^{18} = -16.6^\circ$ (c = 1 H₂O); λ_m 268 nm (log ϵ 4.5 H₂O), 268 nm (log ϵ 4.4 0.1N HCl), 285 nm (log ϵ 4.3 0.1N NaOH). Ciba-Geigy Corp.

2371 Viomycin Pantothenate Sulfate

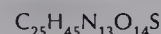
1401-79-2 10139



Vionactan; Viothenat. Peptide antibiotic. mp = 242° (dec). Ciba-Geigy Corp.

2372 Viomycin Sulfate

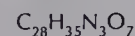
37883-00-4 10139



Viocin. Peptide antibiotic. mp = 266° (dec); $[\alpha]_D^{18} = -29.5^\circ$ (c = 1 H₂O); λ_m 268 nm (log ϵ 4.4 H₂O or 0.1N HCl), 285 nm (log ϵ 4.2 0.1N NaOH); LD₅₀ (mus iv) = 240 mg/kg, (mus sc) = 1750 mg/kg; soluble in H₂O, insoluble in most organic solvents. Ciba-Geigy Corp.

2373 Virginiamycin M₁

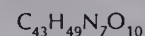
21411-53-0 10142 244-376-6



mikamycin A; ostreogrycin A; pristinomycin II_A; staphylomycin M₁; streptogramin A; vernamycin A. Peptide antibiotic. mp = 165-167°; $[\alpha]_D = -190^\circ \pm 2^\circ$ (c = 0.5 EtOH); λ_m 216 nm ($E_{1\%}^{1\text{cm}}$ 582 MeOH); soluble in Et₂O (0.1 g/100 ml), C₆H₆ (0.3 g/100 ml), EtOAc (0.5 g/100 ml); Me₂CO (2 g/100 ml), MeOH or EtOH (4 g/100 ml); dioxane and THF (5 g/100 ml); very soluble in CHCl₃, DMF; insoluble in H₂O, petroleum ether.

2374 Virginiamycin S₁

23152-29-6 10142 245-462-6



staphylomycin S. Peptide antibiotic. mp = 240-242°; $[\alpha]_D^{20} = -28^\circ$ (c = 1 EtOH); λ_m 305 nm (log ϵ 3.85 EtOH); soluble in Et₂O (0.1 g/100 ml), MeOH (0.5 g/100 ml), EtOH (2.5 g/100 ml), C₆H₆ (2.5 g/100 ml), Me₂CO or EtOAc (3 g/100 ml), dioxane (4 g/100 ml); very soluble in CHCl₃, DMF; insoluble in H₂O, petroleum ether.

2375 Zinc Bacitracin

1405-89-6 10257 215-787-8

Bacitracin Zinc Complex.

Bacitracin zinc salt; Baciferm. Peptide antibiotic. Soluble in H₂O (0.23 - 0.45 g/100 ml at 28°), MeOH (0.65 g/100 ml), EtOH (0.20 g/100 ml), iPrOH (0.016 g/100 ml), EtOAc (0.13 g/100 ml), CHCl₃ (0.001 g/100 ml), petroleum ether (0.0025 g/100 ml).

Antibiotics, Quinolone

2376 Alatrofloxacin

157182-32-6

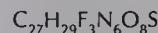


7-[(1R,5S,6S)-6-[(S)-2-[(S)-2-Aminopropionamido]-propionamido]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid.

Quinolone antibiotic. Pfizer International.

2377 Alatrofloxacin Mesylate

157605-25-9



7-[(1R,5S,6S)-6-[(S)-2-[(S)-2-Aminopropionamido]-propionamido]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid monomethanesulfonate. CP-116517-27. Quinolone antibiotic. Pfizer International.

2378 Amifloxacin

86393-37-5 289-231-8



6-Fluoro-1,4-dihydro-1-(methylamino)-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid. Win-49375. Quinolone antibiotic. Sterling Winthrop, Inc.

2379 Amifloxacin Mesylate

88036-80-0



6-Fluoro-1,4-dihydro-1-(methylamino)-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid monomethanesulfonate.

Win-49375-3. Quinolone antibiotic. Sterling Winthrop, Inc.

2380 Balofloxacin

127294-70-6

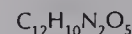


(±)-1-Cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-7-[3-(methylamino)piperidino]-4-oxo-3-quinolinecarboxylic acid.

Quinolone antibacterial.

2381 Cinoxacin

28657-80-9 2369 249-133-8



1-Ethyl-1,4-dihydro-4-oxo[1,3]dioxolo[4,5-g]cinnoline-3-carboxylic acid.

Cinobac; 64716; Cinobac; Noxigram; Uronorm. Quinolone antibiotic. mp = 261-262° (dec); soluble in polar organic solvents; LD₅₀ (rat orl) = 4160 mg/kg, (rat iv) = 900 mg/kg; [sodium salt (C₁₂H₉N₂NaO₅)]: soluble in aqueous solvents. Eli Lilly & Co.

2382 Ciprofloxacin

85721-33-1 2374



1-Cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid.

Cipro IV; Bay q 3939. Quinolone antibiotic. Dec 255-257°. *Bayer Corp., Pharmaceutical Div.***2383 Ciprofloxacin Monohydrochloride Monohydrate**

86393-32-0 2374



1-Cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid monohydrochloride monohydrate.

Ciloxan; Cipro; Bay o 9867 monohydrate; Baycip; Ciflox; Ciprinol; Ciprobay; Ciproxan; Ciproxin; Flociprin; Septicide; Velmonit. Quinolone antibiotic. mp = 318-320°. *Alcon Labs.; Bayer Corp., Pharmaceutical Div.***2384 Clinafloxacin**

105956-97-6 2413



(±)-7-(3-Amino-1-pyrrolidinyl)-8-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid.

Cl-960. Quinolone antibiotic. mp = 253-258° (dec). *Parke-Davis.***2385 Clinafloxacin Hydrochloride**

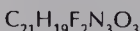
105956-99-8 2413



(±)-7-(3-Amino-1-pyrrolidinyl)-8-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid hydrochloride.

Cl-960 HCl; AM-1091; Cl-960; PD-127391. Quinolone antibiotic. mp = 263-265° (dec). *Parke-Davis.***2386 Difloxacin**

98106-17-3 3187



6-Fluoro-1-(p-fluorophenyl)-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid.

Quinolone antibiotic. *Abbott Labs.***2387 Difloxacin Hydrochloride**

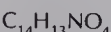
91296-86-5 3187



6-Fluoro-1-(p-fluorophenyl)-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid hydrochloride.

Abbott 56619; A-56619. Quinolone antibiotic. mp > 275°. *Abbott Labs.***2388 Droxacin**

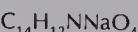
35067-47-1



5-Ethyl-2,3,5,8-tetrahydro-8-oxofuro[2,3-g]quinoline-7-carboxylic acid.

Quinolone antibiotic. *Schering AG.***2389 Droxacin Sodium**

57363-13-0



Sodium 5-ethyl-2,3,5,8-tetrahydro-8-oxofuro[2,3-g]-

quinoline-7-carboxylate.

SH-263. Quinolone antibiotic. *Schering AG.***2390 Enoxacin**

74011-58-8 3625

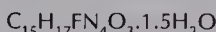


1-Ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-1,8-naphthyridine-3-carboxylic acid.

AT-2266; Cl-919; PD-107779. Quinolone antibiotic. mp

= 220-224°; LD₅₀ (mmus iv) = 327 mg/kg, (mmus sc) = 1237 mg/kg, (mmus orl) > 5000 mg/kg, (fmus iv) = 391 mg/kg, (fmus sc) = 1320 mg/kg, (fmus orl) > 5000 mg/kg, (mrat iv) = 236 mg/kg, (mrat sc) > 2000 mg/kg, (mrat orl) > 5000 mg/kg, (frat iv) = 294 mg/kg, (frat sc) > 2000 mg/kg, (frat orl) > 5000 mg/kg. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***2391 Enoxacin Sesquihydrate**

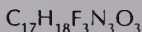
84294-96-2 3625



1-Ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-1,8-naphthyridine-3-carboxylic acid sesquihydrate.

Enoxen; Enoxor; Gyramid. Quinolone antibiotic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***2392 Fleroxacin**

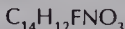
79660-72-3 4137



6,8-Difluoro-1-(2-fluoroethyl)-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid.

Megalone; Ro-23-6240/000; AM-833; Megalocin; Quinodis. Quinolone antibiotic. [hydrochloride ($C_{17}H_{19}ClF_3N_3O_3$)] mp = 269-271° (dec). *Hoffmann-LaRoche Inc.***2393 Flumequine**

42835-25-6 4172 255-962-6



9-Fluoro-6,7-dihydro-5-methyl-1-oxo-1H,5H-benzo[ij]quinolizine-2-carboxylic acid.

R-802; Apurone; Fantacin. Quinolone antibiotic. mp = 253-255°; insoluble in H₂O; soluble in EtOH, alkaline solutions. *3M Pharmaceuticals.***2394 Gatifloxacin**

160738-57-8



(±)-1-Cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid. Quinolone antibacterial.

2395 Grepafloxacin

119914-60-2 4567



1-Cyclopropyl-6-fluoro-1,4-dihydro-5-methyl-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid. Quinolone antibiotic. [dihydrate]: mp = 190-192°.

*Otsuka America Pharmaceuticals, Inc.; Parke-Davis.***2396 dl-Grepafloxacin**

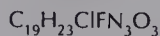
146863-02-7 4567

(±)-1-Cyclopropyl-6-fluoro-1,4-dihydro-5-methyl-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid. Quinolone antibiotic. *Otsuka America Pharmaceuticals,*

Inc.; Parke-Davis.

2397 dl-Grepafloxacin Hydrochloride

161967-81-3 4567



(±)-1-Cyclopropyl-6-fluoro-1,4-dihydro-5-methyl-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid hydrochloride.

OPC-171116. Quinolone antibiotic. Otsuka America Pharmaceuticals, Inc.; Parke-Davis.

2398 Irloxacin

91524-15-1

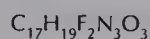


1-Ethyl-6-fluoro-1,4-dihydro-4-oxo-7-pyrrol-1-yl-3-quinolinecarboxylic acid.

Quinolone antibacterial.

2399 Lomefloxacin

98079-51-7 5592



(±)-1-Ethyl-6,8-difluoro-1,4-dihydro-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid.

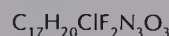
SC-47111A. Quinolone antibiotic. mp = 239-240.5°;

LD₅₀ (mus iv) = 245.6 mg/kg, (mus orl) > 4000 mg/kg.

Searle, G.D., & Co.

2400 Lomefloxacin Hydrochloride

98079-52-8 5592



(±)-1-Ethyl-6,8-difluoro-1,4-dihydro-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid hydrochloride.

SC-47111; Maxaquin; NY-198; Bareon; Chimono; Lomebact; Uniquin. Quinolone antibiotic. mp = 290-300° (dec). Searle, G.D., & Co.

2401 Miloxacin

37065-29-5 6283

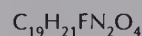


5,8-Dihydro-5-methoxy-8-oxo-1,3-dioxolo[4,5-g]quinoline-7-carboxylic acid.

antibiotic AB 206; AB-206; Fuldazin. Quinolone antibiotic. mp = 264° (dec). Sumitomo.

2402 Nadifloxacin

124858-35-1 6430

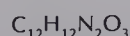


(±)-9-Fluoro-6,7-dihydro-8-(4-hydroxypiperidino)-5-methyl-1-oxo-1H,5H-benzo[ij]quinolizine-2-carboxylic acid.

OPC-7251; jinofloxacin. Quinolone antibiotic. mp = 245-247° (dec); LD₅₀ (mmus iv) = 376.5 mg/kg, (fms iv) = 420.6 mg/kg, (mrat iv) = 225.7 mg/kg, (frat iv) = 240.5 mg/kg. Otsuka America Pharmaceuticals, Inc.

2403 Nalidixic Acid

389-08-2 6446 206-864-7



1-Ethyl-1,4-dihydro-7-methyl-4-oxo-1,8-naphthyridine-3-carboxylic acid.

Win-18320; NSC-82174; Cybis; NegGram; Wintomylon; Betaxina; Dixiben; Eucistin; Innoxalomn; Nalidicron; Nalitucsan; Narigix; Negram; Nevigramon; Nicelate; Nogram; Poleon; Specifin; Uriben; Uriclar; Uralgin; Urodixin; Uroman; Uroneg; Uropan. Quinolone

antibiotic. mp = 229-230°; soluble in CHCl₃ (3.5 g/100 ml), C₇H₈ (0.16 g/100 ml), MeOH (0.13 g/100 ml), EtOH (0.09 g/100 ml), H₂O, Et₂O (0.01 g/100 ml); LD₅₀ (mus orl) = 3300 mg/kg, (mus sc) = 500 mg/kg, (mus iv) = 176 mg/kg. Sterling Winthrop, Inc.

2404 Nalidixic Acid Sodium Salt

15769-77-4



Sodium 1-ethyl-1,4-dihydro-7-methyl-4-oxo-1,8-naphthyridine-3-carboxylate.

Win-18320-3. Quinolone antibiotic. Sterling Winthrop, Inc.

2405 Norfloxacin

70458-96-7 6793 274-614-4

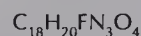


1-Ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid.

Chibroxin; Noroxin; AM-715; MK-366; Baccidal; Barazan; Chibroxine; Chibroxol; Floxacin; Fulgram; Gonorcin; Lexinor; Noflo; Nolicin; Noracin; Noroxin; Norocin; Noroxin; Noroxine; Norxacin; Sebercim; Uroxacin; Utinor; Zoroxin. Quinolone antibiotic. mp = 220-221°; λ_m 274, 325, 336 nm (A_{1 cm}^{1%} 1109, 437, 425, 0.1N NaOH); soluble in H₂O (0.028 g/100 ml), MeOH (0.098 gm/100 ml), EtOH (0.19 g/100 ml), Me₂CO (0.51 g/100 ml), CHCl₃ (0.55 g/100 ml), Et₂O (0.001 g/100 ml), C₆H₆ (0.015 g/100 ml), EtOAc (0.094 g/100 ml), octanol (0.51 g/100 ml), AcOH (34.0 g/100 ml); LD₅₀ (mus orl) > 4000 mg/kg, (mus sc) = 1500 mg/kg, (mus im) > 500 mg/kg, (mus iv) = 220 mg/kg, (rat orl) > 4000 mg/kg, (rat sc) = 1500 mg/kg, (rat im) > 500 mg/kg, (rat iv) = 270 mg/kg. Merck & Co., Inc.

2406 Ofloxacin

82419-36-1 6865



9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid.

Exocin; Floxin; Ocuflor; DL-8280; HOE-280; Flobacin; Floxil; Oflocet; Oflocin; Oxaldin; Tarivid; Visren. Quinolone antibiotic. mp = 250-257° (dec); LD₅₀ (mmus orl) = 5450 mg/kg, (mmus iv) = 208 mg/kg, (mmus sc) > 10000 mg/kg, (fms orl) = 5290 mg/kg, (fms iv) = 233 mg/kg, (fms sc) > 10000 mg/kg, (mrat orl) = 3590 mg/kg, (mrat iv) = 273 mg/kg, (mrat sc) = 7070 mg/kg, (frat orl) = 3750 mg/kg, (frat iv) = 276 mg/kg, (frat sc) = 9000 mg/kg. Hoechst; Daiichi Seiyaku.

2407 (S)-(-)-Ofloxacin

100986-85-4 6865



(S)-(-)-9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid.

Exocin; Floxin; Ocuflor; DL-8280; HOE-280; levofloxacin; DR-3355; Cravit. Quinolone antibiotic. mp = 225-227° (dec); [α]_D²³ = -76.9° (c = 0.385 0.5N NaOH); LD₅₀ (mmus orl) = 1881 mg/kg, (fms orl) = 1803 mg/kg, (mrat orl) = 1478 mg/kg, (frat orl) = 1507 mg/kg. Hoechst; Daiichi Seiyaku.

2408 Oxolinic Acid

14698-29-4 7079 238-750-8
 $C_{13}H_{11}NO_5$
 5-Ethyl-5,8-dihydro-8-oxo-1,3-dioxolo[4,5-g]quinoline-7-carboxylic acid.
 Utibid; W-4565; NSC-110364; Emyrenil; Inoxyl; Nidantin; Ossian; Oxoboi; Pietil; Prodoxol; Urinox; Uritrate; Uro-Alvar; Urotrate; Uroxin; Uroxol. Quinolone antibiotic. mp = 314-316° (dec); LD₅₀ (mus orl) > 6000 mg/kg, (rat orl) > 2000 mg/kg. *Parke-Davis*.

2409 Pazufloxacin

127045-41-4 7188
 $C_{16}H_{15}FN_2O_4$
 (-)-(3S)-10-(1-Aminocyclopropyl)-9-fluoro-2,3-dihydro-3-methyl-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid.
 T-3761. Quinolone antibiotic. mp = 269-271.5°; $[\alpha]_D^{25} = -88.0^\circ$ (c = 0.5 0.05N NaOH); LD₅₀ (mmus iv) > 500 mg/kg. *Toyama*.

2410 Pazufloxacin Methanesulfonate

163680-77-1 7188
 $C_{17}H_{19}FN_2O_7S$
 (-)-(3S)-10-(1-Aminocyclopropyl)-9-fluoro-2,3-dihydro-3-methyl-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid monomethanesulfonate.
 T-3762. Quinolone antibiotic. mp = 258-259° (dec); $[\alpha]_D^{20} = -64.2^\circ$ (c = 1 1N NaOH); soluble in H₂O (> 20 g/100 ml at 25°). *Toyama*.

2411 Pefloxacin

70458-92-3 7197 274-611-8
 $C_{17}H_{20}FN_3O_3$
 1-Ethyl-6-fluoro-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid.
 EU-5306; 1589 RB; AM-725. Quinolone antibiotic. mp = 270-272° (dec); slightly soluble in H₂O; LD₅₀ (mus iv) = 225 mg/kg, (mus orl) = 1000 mg/kg, (rat ip) = 1500 mg/kg, (rat orl) = 2500 mg/kg. *Dainippon Pharmaceutical Co*.

2412 Pefloxacin Methanesulfonate

70458-95-6 7197 274-613-9
 $C_{18}H_{24}FN_3O_6S$
 1-Ethyl-6-fluoro-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid monomethanesulfonate.
 41 982RP. Quinolone antibiotic. *Dainippon Pharmaceutical Co*.

2413 Pefloxacin Methanesulfonate Dihydrate

149676-40-4 7197
 $C_{18}H_{24}FN_3O_6S \cdot 2H_2O$
 1-Ethyl-6-fluoro-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid Monomethanesulfonate dihydrate.
 41 982RP; 1589mRB; Peflacine; Peflox. Quinolone antibiotic. *Dainippon Pharmaceutical Co*.

2414 Pipemidic Acid

51940-44-4 7613 257-530-2
 $C_{14}H_{17}N_5O_3$
 8-Ethyl-5,8-dihydro-5-oxo-2-(1-piperazinyl)pyrido[2,3-d]pyrimidine-6-carboxylic acid.

1489-RB; Filtrax; Memento 400; Pi-Coli; Pipeacid; Pipedac; Pipemid; Pipurin; Tractur; Uropimid; Urosten; Uroval. Quinolone antibiotic. mp = 253-255°; insoluble in Et₂O, C₆H₆; almost insoluble in H₂O, EtOH; slightly soluble in CHCl₃ (0.5 g/100 ml), MeOH (0.4 g/100 ml); LD₅₀ (mus orl) = 4000 mg/kg, (mus ip) = 1000 mg/kg, (mus iv) = 50 mg/kg. *Dainippon Pharmaceutical Co*.

2415 Pipemidic Acid Trihydrate

72571-82-5 7613
 $C_{14}H_{17}N_5O_3 \cdot 3H_2O$
 8-Ethyl-5,8-dihydro-5-oxo-2-(1-piperazinyl)pyrido[2,3-d]pyrimidine-6-carboxylic acid trihydrate.
 Deblaston; Dolcol; Pipram; Solupemid. Quinolone antibiotic. mp = 253-255°. *Dainippon Pharmaceutical Co*.

2416 Piromidic Acid

19562-30-2 7660 243-161-4
 $C_{14}H_{16}N_4O_3$
 8-Ethyl-5,8-dihydro-5-oxo-2-(1-pyrrolidinyl)pyrido[2,3-d]pyrimidine-6-carboxylic acid.
 PD-93; Bactramyl; Enterol; Gastrurol; Panacid; Pirudal; Purim; Reelon; Septural; Uropir. Quinolone antibiotic. mp = 314-316°; LD₅₀ (mmus) = 287 mg/kg, (fms iv) = 268 mg/kg, (mrat iv) = 177 mg/kg, (frat iv) = 158 mg/kg, (mus, rat orl, sc, ip) > 4000 mg/kg. *Dainippon Pharmaceutical Co*.

2417 Prulifloxacin

123447-62-1
 $C_{21}H_{20}FN_3O_6S$
 (±)-7-[4-[(Z)-2,3-Dihydroxy-2-butenyl]-1-piperazinyl]-6-fluoro-1-methyl-4-oxo-1H,4H-[1,3]thiazeto[3,2-a]-quinoline-3-carboxylic acid cyclic carbonate.
 NM-441. A prodrug of the quinolone carboxylic acid antibacterial agent NM394. Antibacterial.

2418 Rosoxacin

40034-42-2 8426 254-758-4
 $C_{17}H_{14}N_2O_3$
 1-Ethyl-1,4-dihydro-4-oxo-7-(4-pyridyl)-3-quinolinecarboxylic acid.
 Roxadyl; Win-35213; acrosoxacin; Eracin; Eradacil; Eradacin; Winuron. Quinolone antibiotic. mp = 290°. *Sterling Winthrop, Inc*.

2419 Rufloxacin

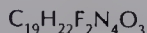
101363-10-4 8448
 $C_{17}H_{18}FN_3O_3S$
 9-Fluoro-2,3-dihydro-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzothiazine-6-carboxylic acid.
 MF-934. Quinolone antibiotic. *Mediolanum Farmaceutici*.

2420 Rufloxacin Hydrochloride

106017-08-7 8448
 $C_{17}H_{19}ClFN_3O_3S$
 9-Fluoro-2,3-dihydro-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzothiazine-6-carboxylic acid hydrochloride.
 ISF-09334; Qari; Monos; Tebraxin. Quinolone antibiotic. mp = 322-324°; LD₅₀ (rat iv) = 285 mg/kg, (mus iv) = 224 mg/kg, (rbt orl) = 660 mg/kg, (mrat orl) = 631 mg/kg, (frat orl) = 501 mg/kg. *Mediolanum Farmaceutici*.

2421 Sparfloxacin

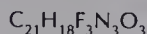
110871-86-8 8884



5-Amino-1-cyclopropyl-7-(cis-3,5-dimethyl-1-piperazinyl)-6,8-difluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid.

Zagam; CI-978; AT-4140; Spara; PD-1315-1. Quinolone antibiotic. mp = 266-269° (dec). *Parke-Davis; Rhône-Poulenc Rorer Pharmaceuticals Inc.***2422 Temafloxacin**

108319-06-8 9284



(±)-1-(2,4-Difluorophenyl)-6-fluoro-1,4-dihydro-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid.

T-1258; A-63004; Teflox; Temac; Omniflox. Quinolone antibiotic. *Abbott Labs.***2423 Temafloxacin Hydrochloride**

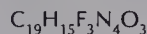
105784-61-0 9284



(±)-1-(2,4-Difluorophenyl)-6-fluoro-1,4-dihydro-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid hydrochloride.

Abbott-62254. Quinolone antibiotic. *Abbott Labs.***2424 Tosufloxacin**

100490-36-6 9692



7-(3-Amino-1-pyrrolidinyl)-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid.

Abbott 61827. Quinolone antibiotic. *Abbott Labs.***2425 dl-Tosufloxacin**

120382-07-2 9692



(±)-7-(3-Amino-1-pyrrolidinyl)-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid.

Abbott 61827. Quinolone antibiotic. *Abbott Labs.***2426 Tosufloxacin Hydrochloride**

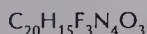
104051-69-6 9692



7-(3-Amino-1-pyrrolidinyl)-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid hydrochloride.

Abbott 60969. Quinolone antibiotic. mp = 247-250° (dec). *Abbott Labs.***2427 Trovafloxacin**

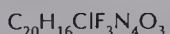
147059-72-1 9919



7-[(1R,5S,6S)-6-Amino-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid.

CP-99219. Quinolone antibiotic. *Pfizer International.***2428 Trovafloxacin Hydrochloride**

146961-34-4 9919



7-[(1R,5S,6S)-6-Amino-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid hydrochloride.

Quinolone antibiotic. mp = 246° (dec). *Pfizer**International.***2429 Trovafloxacin Methanesulfonate**

147059-75-4 9919



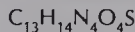
7-[(1R,5S,6S)-6-Amino-3-azabicyclo[3.1.0]hex-3-yl]-1-

(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-

naphthyridine-3-carboxylic acid monomethanesulfonate.

CP-99219-27. Quinolone antibiotic. *Pfizer International.***Antibiotics, Sulfonamide****2430 Acetyl Sulfamethoxypyrazine**

3590-05-4 103 222-730-0

N¹-Acetyl-N¹-(3-methoxypyrazinyl)sulfanilamide.Acetylazide. Sulfonamide antibiotic. mp = 199°. *Soc. Farmaceutici Italia.***2431 Acetyl Sulfisoxazole**

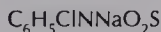
80-74-0 9125 201-305-3

N¹-Monoacetylsulfisoxazole.Sulfonamide antibiotic. mp = 193-194°; soluble in H₂O (0.007 g/100 ml), MeOH (0.493 g/100 ml), 95% EtOH (0.570 g/100 ml), Et₂O (0.094 g/100 ml), CHCl₃ (2.9 g/100 ml). *Hoffmann-La Roche Inc.***2432 Benzylsulfamide**

104-22-3 1182 203-186-3

N⁴-Benzylsulfanilamide.46 R.P.; RP-46; M&B-125; Septazine; Setazine; Chemodyn; Proseptazine. Sulfonamide antibiotic. Sulfanilamide prodrug. mp = 175°; slightly soluble in H₂O; soluble in EtOH; readily soluble in Me₂CO, dioxane. *May & Baker Ltd.***2433 Chloramine B**

127-52-6 2117 204-847-9



N-Chlorobenzenesulfonamide sodium salt.

sodium benzenesulfochloramine; Neomagnol.

Sulfonamide antibiotic and topical antiseptic. Soluble in H₂O (5 g/100 ml), EtOH (4 g/100 ml); sparingly soluble in Et₂O, CHCl₃.**2434 Chloramine T**

127-65-1 2118 204-854-7



N-Chloro-p-toluenesulfonamide trihydrate.

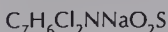
chloramine; Aktiven; Chloraseptine; Chlorazene;

Chlorazone; Euclorina; Gansil; Halamid; Mianine;

Tochlorine; Tolamine. Sulfonamide antibiotic and topical

antiseptic. Fairly soluble in H₂O; insoluble in C₆H₆,CHCl₃, Et₂O.**2435 Dichloramine T**

473-34-7 3098 207-462-4



N,N-Dichloro-p-toluenesulfonamide.

Sulfonamide antibiotic. Used as a germicide. mp = 83°;

almost insoluble in H_2O ; soluble in C_6H_6 (100 g/100 ml), $CHCl_3$ (100 g/100 ml), CCl_4 (40 g/100 ml), $AcOH$; slightly soluble in petroleum ether. *Shell*.

2436 N²-Formylsulfisomidine

795-13-1 4275



N-[4-[[[(2,6-Dimethyl-4-pyrimidinyl)amino]sulfonyl]phenyl]formamide. formylsulfamethine; FAK III; Wometin. Sulfonamide antibiotic. mp = 248.5-250.5°. *VEB Farbenfabrik Wolfen*.

2437 N⁴-β-D-Glucosylsulfanilamide

53274-53-6 4472



N⁴-β-D-Glucosidosulfanilamide.

Prontoglucal; Prontoglukal. Sulfonamide antibiotic. mp = 204°; $[\alpha]_D^{22} = -117^\circ$ (c = 0.9 C_5H_5N), $[\alpha]_D^{22} = -128^\circ$ (c = 0.9 H_2O); [2,3,4,6-tetraacetate ($C_{20}H_{26}N_2O_{11}S$): mp = 204°; $[\alpha]_D^{22} = -81^\circ$ (C_5H_5N); [N,N',2,3,4,6-hexaacetate ($C_{24}H_{30}N_2O_{13}S$): mp = 115°.

2438 Mafenide

138-39-6 5683 205-326-9

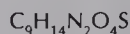


α-Amino-p-toluenesulfonamide.

Sulfamylon; NSC-34632; Marfanil; Mesudrin; Mesudin; Sulfamylon; Homosulfamine; Ambamide; Neofamid; Septicid; Emilene; Homonal; Paramenyl. Sulfonamide antibiotic. mp = 151-152°; soluble in dilute alkali, acid. *Sterling Winthrop, Inc.*

2439 Mafenide Acetate

13009-99-9 5683 235-855-0



α-Amino-p-toluenesulfonamide acetate.

Mafatate; Mefamide. Sulfonamide antibiotic. LD₅₀ (rat iv) = 2040 mg/kg, (mus iv) = 1580 mg/kg. *Sterling Winthrop, Inc.*

2440 Mafenide Hydrochloride

138-37-4 5683 205-325-3



α-Amino-p-toluenesulfonamide hydrochloride.

Sulfonamide antibiotic. mp = 256°; LD₅₀ (rat iv) = 1170 mg/kg, (mus iv) = 900 mg/kg. *Sterling Winthrop, Inc.*

2441 Mafenide Propionate

12001-72-8 5683



α-Amino-p-toluenesulfonamide propionate.

Sulfomyl. Sulfonamide antibiotic. mp = 158°; readily soluble in H_2O . *Sterling Winthrop, Inc.*

2442 4'-(Methylsulfamoyl)sulfanilamide

547-53-5 6202



N'-Methyl-N'-sulfanilylsulfanilamide.

DB87; Diseptal B; Neo Uliron. Sulfonamide antibiotic. mp = 141°; slightly soluble in H_2O ; soluble in EtOH, Me_2CO ; freely soluble in aqueous $NaHCO_3$. *I.G. Farben*.

2443 Noprylsulfamide

576-97-6 6777



N⁴-(Disodium 1,3-disulfo-3-phenylpropyl)sulfanilamide. RP-40; Solucin; Soluseptasine; Soluseptazine; Solusetazine; Sulphasolucin; Sulphasolutin. Sulfonamide antibiotic. Sulfanilamide prodrug. Soluble in H_2O (20 g/100 ml). *Rhône-Poulenc*.

2444 Phthalylsulfacetamide

131-69-1 7532 205-035-7



N'-Acetyl-N⁴-phthalylsulfanilamide.

Thalamyd; Talsigel; ftalicetimida; Enterocid; Enterosulfamid; Enterosulfon; Talecid; Rabalan; Sterathal. Sulfonamide antibiotic. mp = 196°; almost insoluble in H_2O , soluble in EtOH. *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Schering Corp.*

2445 Phthalylsulfathiazole

85-73-4 7533 201-627-4

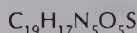


4'-(2-Thiazolylsulfamoyl)phthalanilic acid.

AFI-Ftaly; Entexidina; Ftalazol; Intestiazol; Sulfathalidine; Sulfatalyl; Taleudron; Talidine; Thalazole; Ultratiazol. Sulfonamide antibiotic. mp = 272-277° (dec); insoluble in H_2O , $CHCl_3$; slightly soluble in EtOH, Et_2O ; readily soluble in NaOH, KOH, NH_3 solutions; LD₅₀ (mus ip) = 920 mg/kg. *Merck & Co., Inc.; E. Geistlich Sohne*.

2446 Salazosulfadimidine

2315-08-4 8473 219-016-6



5-[p-[(4,6-Dimethyl-2-pyrimidinyl)sulfamoyl]-phenylazo]salicylic acid.

salicylazosulfadimidine; salcylazosulfamethazine; Azudimidine. Sulfonamide antibiotic. mp = 207°.

2447 Succinylsulfathiazole

116-43-8 9046 204-141-0



4'-(2-Thiazolylsulfamoyl)succinanilic acid.

Sulfasuxidine. Sulfonamide antibiotic. mp = 184-186°, 192-195°; slightly soluble in H_2O (0.021 g/100 ml); sparingly soluble in EtOH, Me_2CO ; LD₅₀ (mus ip) = 5700 mg/kg.

2448 Sulfabenzamide

127-71-9 9065 204-859-4



N'-Benzoylsulfanilamide.

Sulfabenzide. Sulfonamide antibiotic. mp = 181.2-182.3°; poorly soluble in H_2O (0.0003 g/100 ml); soluble in EtOH (3 g/100 ml), Me_2CO (11.1 g/100 ml). *Monsanto Co.; Schering AG*.

2449 Sulfabromomethazine

116-45-0 9066 204-142-6



N⁴-(5-Bromo-4,6-dimethyl-2-pyrimidinyl)sulfanilamide.

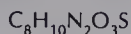
5-bromosulfamethazine; SN-3517. Sulfonamide antibiotic. Dec 250-252°; λ_m 238 272 nm (A 428 635

MeOH).

Parke-Davis.

2450 Sulfacetamide

144-80-9 9067 205-640-6

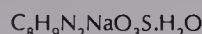


N-Sulfanilylacetamide.

component of: Sultrin, Trysul. Sulfonamide antibiotic. mp = 182-184°; soluble in H_2O (0.67 g/100 ml at 20°), EtOH (6.6 g/100 ml), Me_2CO (14.3 g/100 ml); LD_{50} (dog orl) = 8000 mg/kg. *Ortho Pharmaceutical Corp.; Savage Labs.*

2451 Sulfacetamide Sodium

6209-17-2 9067



N-Sulfanilylacetamide sodium salt.

Bleph-10 Ophthalmic Ointment; Bleph-10 Ophthalmic Solution; Cetamide Ointment; Isopto Cetamide; Op-Sulfa 30; Sebizon; Sodium Sulamyd; Sulf 10; Sulfacet R; Ak-Sulf; Albucid; Antébor; Beocid-Puroptal; Bleph-10; Locula; Op-Sulfa; Prontamid; Sebizon; Sodium Sulamyd; Sulf-10; Sulten-10; component of: Blephamide, Blephamide S.O.P., Cetapred Ointment, FML-S, Isopto Cetapred, Metimyd, Optimyd, Vasocidin Ointment, Vasocidin Solution, Vasosulf. Sulfonamide antibiotic. mp = 257°; soluble in H_2O (66 g/100 ml); sparingly soluble in EtOH, Me_2CO . *Alcon Labs.; Allergan, Inc.; Broemmel Pharmaceuticals; Ciba Vision Ophthalmics; Lemmon Co.; Schering Corp.*

2452 Sulfachlorpyridazine

80-32-0 9068 201-269-9



N'-(6-Chloro-3-pyridazinyl)sulfanilamide.

Nefrosul; Sonilyn; Ciba 10370; Ba-10370; Cosulid; Cosumix. Sulfonamide antibiotic. *American Cyanamid.*

2453 Sulfachlorpyridazine Sodium Salt

23282-55-5 9068 245-553-0



N'-(6-Chloro-3-pyridazinyl)sulfanilamide sodium salt.

Prinzone; Vetsulid. Sulfonamide antibiotic. *American Cyanamid.*

2454 Sulfachrysoidine

485-41-6 9069 207-617-6

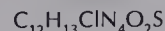


3,5-Diamino-2-(p-sulfamoylphenylazo)benzoic acid.

Azo Compound No. 4; Rubiazol; Collubiazol. Sulfonamide antibiotic. mp > 300°.

2455 Sulfacloimide

4015-18-3



N'-(5-Chloro-2,6-dimethyl-4-pyrimidinyl)sulfanilamide.

A sulfonamide derivative. Antibacterial.

2456 Sulfacytine

17784-12-2 9070

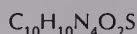


N'-(1-Ethyl-1,2-dihydro-2-oxo-4-pyrimidinyl)sulfanilamide.

Renoquid; CI-636. Sulfonamide antibiotic. mp = 166.5-168°; λ_{m} 263 297 nm ($\epsilon_{1\text{cm}}^{1\%}$ 584 762 MeOH); soluble in H_2O (0.175 g/100 ml at pH 5 at 37°). *Glenwood Inc.;*

2457 Sulfadiazine

68-35-9 9071 200-685-8



N'-2-Pyrimidinylsulfanilamide.

Coco-Diazine; Eskadiazine; Adiazine; Diazyl; Sulfolex; component of: Sulfonamide Duplex. Sulfonamide antibiotic. mp = 252-256°; soluble in H_2O (0.013 g/100 ml at pH 5.5, 37°, 0.2 g/100 ml at pH 7.5, 37°); sparingly soluble in EtOH, Me_2CO ; freely soluble in dilute acid, alkali. *Eli Lilly & Co.; SmithKline Beecham Pharmaceuticals.*

2458 Sulfadiazine Silver Salt

22199-08-2 9071 244-834-5



N'-2-Pyrimidinylsulfanilamide monosilver(1+) salt.

Silvadene; Flamazine; Flammazine. Sulfonamide antibiotic. *Hoechst Marion Roussel Inc.*

2459 Sulfadiazine Sodium Salt

547-32-0 9071 208-919-0



N'-2-Pyrimidinylsulfanilamide monosodium salt.

sulfadiazine sodium; soluble sulfadiazine. Sulfonamide antibiotic. Soluble in H_2O (50 g/100 ml). *Hoechst Marion Roussel Inc.*

2460 Sulfadicramide

115-68-4 9072 204-099-3



N'-(3,3-Dimethylacroyl)sulfanilamide.

Sulfonamide antibiotic. mp = 184-185°; slightly soluble in H_2O , Et_2O ; freely soluble in EtOH, Me_2CO .

2461 Sulfadimethoxine

122-11-2 9073 204-523-7

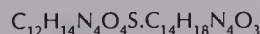


N'-(2,6-Dimethoxy-4-pyrimidinyl)sulfanilamide.

Agribon; Albon; Madribon; component of: Primor, Rofenaid. Sulfonamide antibiotic. mp = 201-203°; soluble in dilute HCl, NaHCO_3 ; soluble in H_2O (0.0046 g/100 ml at pH 4.10, 0.0295 g/100 ml at pH 6.7, 0.058 g/100 ml at pH 7.06, 5.17 g/100 ml at pH 8.71); LD_{50} (mus orl) > 10000 mg/kg. *Hoffmann-LaRoche Inc.; Oesterreiche Stickstoffwerke.*

2462 Sulfadimethoxine mixture with Trimethoprim

39469-82-4 9073



Sulfadimethoxine/Trimethoprim.

Maxutrim; Prazil; Trivalbon. Sulfonamide antibiotic. *Hoffmann-LaRoche Inc.; Oesterreiche Stickstoffwerke.*

2463 Sulfadimethoxine Sodium Salt

1037-50-9 9073 213-859-3



N'-(2,6-Dimethoxy-4-pyrimidinyl)sulfanilamide sodium salt.

Sulfonamide antibiotic. Freely soluble in H_2O . *Hoffmann-*

LaRoche Inc.; Oesterreiche Stickstoffwerke.

2464 Sulfadimethoxine Sodium Salt mixture with Trimethoprim

131643-86-2 9073



Sulfadimethoxine Sodium/Trimethoprim.

Sulfaprim; Vetiprim. Sulfonamide antibiotic. Hoffmann-LaRoche Inc.; Oesterreiche Stickstoffwerke.

2465 Sulfadoxine

2447-57-6 9074 219-504-9

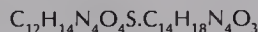


N'-(5,6-Dimethoxy-4-pyrimidinyl)sulfanilamide.

Fanasil; Fanzil; Ro-4-4393; component of: Fansidar. Sulfonamide antibiotic. mp = 190-194°; insoluble in Et₂O; slightly soluble in H₂O, EtOH, MeOH; soluble in dilute mineral acids, alkali hydroxides, carbonates; LD₅₀ (mus orl) = 5000 mg/kg, (mus sc) = 2900 mg/kg, (mus ip) = 2900 mg/kg. Hoffmann-LaRoche Inc.

2466 Sulfadoxine mixture with Trimethoprim

39295-60-8 9074

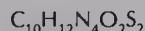


Sulfadoxine/Trimethoprim.

Animar; Borgal. Sulfonamide antibiotic. Hoffmann-LaRoche Inc.

2467 Sulfaethidole

94-19-9 9075 202-312-4



N'-(5-Ethyl-1,3,4-thiadiazole-2-yl)sulfanilamide.

VK-55; Sul-Spantab; sulfaethylthiadiazole. Sulfonamide antibiotic. mp = 185.5-186°; soluble in H₂O (0.025 g/100 ml), MeOH (2.5 g/100 ml), EtOH (3.3 g/100 ml), Me₂CO (10 g/100 ml), Et₂O (0.74 g/100 ml), CHCl₃ (0.35 g/100 ml); insoluble in C₆H₆. Schering AG.

2468 Sulfaguanidine

57-67-0 9076 200-345-9



N'-(Diaminomethylene)sulfanilamide.

RP-2275; Diacta; Ganidan; Guanilic; Resulfon; Shigatox. Sulfonamide antibiotic. Used, in veterinary medicine, to treat enteric infections. mp = 190-193°; soluble in H₂O (0.1 g/100 ml at 25°, 10 g/100 ml at 100°); sparingly soluble in EtOH, Me₂CO; freely soluble in dilute mineral acids; insoluble in NaOH solution; LD₁₀₀ (mus ip) = 1000 mg/kg.

2469 Sulfaguanole

27031-08-9 9077 248-175-4



N'-[(4,5-Dimethyl-2-oxazolyl)amidino]sulfanilamide.

Enterocura. Sulfonamide antibiotic. Used, in veterinary medicine, to treat enteric infections. mp = 233-236°, 228-230°; insoluble in H₂O, soluble in NaOH solutions; LD₅₀ (mus, rat orl) > 5000 mg/kg. Nordmark.

2470 Sulfalene

152-47-6 9078 205-804-7



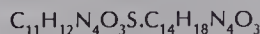
N'-(3-Methoxyypyrazinyl)sulfanilamide.

Kelfizina; NSC-110433; Farmitalia 204/122; Dalysep; Kelfizine W; Longum; Policydal; Vetkelfizina.

Sulfonamide antibiotic. mp = 176°; LD₅₀ (mus orl) = 2164 mg/kg, (mus ip) = 1410 mg/kg. Abbott Labs.; Farmitalia, Societa Farmaceutici.

2471 Sulfalene mixture with Trimethoprim

50933-06-7 9078



Sulfalene/trimethoprim.

Kelfiprim. Sulfonamide antibiotic. LD₅₀ (mus orl) = 3500 mg/kg, (rat orl) = 3550 mg/kg. Abbott Labs.; Farmitalia, Societa Farmaceutici.

2472 Sulfaloxic Acid

14376-16-0 9080 238-348-2



4'-[[[(Hydroxymethyl)carbamoyl]sulfamoyl]phthalanilic acid.

sulphaloxic acid. Sulfonamide antibiotic. mp = 160-165°; soluble in dilute alkali. Heyden Chemical.

2473 Sulfaloxic Acid Calcium Salt

S9672-20-7 9080 261-850-8



4'-[[[(Hydroxymethyl)carbamoyl]sulfamoyl]phthalanilic acid calcium salt (2:1).

Enteromide; Intestin-Euvernill. Sulfonamide antibiotic. Heyden Chemical.

2474 Sulfamerazine

127-79-7 9081 204-866-2



N'-(4-Methyl-2-pyrimidinyl)sulfanilamide.

RP-2632; Mesulfa; Percoccide; component of: Sulfonamide Duplex. Sulfonamide antibiotic. mp = 234-238°; λ_m 243 257 nm (E₁^{1%}_{cm} 875 822 H₂O), 243 307 nm (E₁^{1%}_{cm} 625 200 0.1M HCl), 271 nm (E₁^{1%}_{cm} 835 EtOH); soluble in H₂O (0.035 g/100 ml at pH 5.5, 0.170 g/100 ml at pH 7.5); readily soluble in mineral acid and alkaline solutions; sparingly soluble in Me₂CO; slightly soluble in EtOH; insoluble in Et₂O, CHCl₃. Eli Lilly & Co.; Merck & Co., Inc.

2475 Sulfamerazine Sodium Salt

127-58-2 9081 204-851-0



N'-(4-Methyl-2-pyrimidinyl)sulfanilamide sodium salt.

soluble sulfamerazine; Solumedine. Sulfonamide antibiotic. Soluble in H₂O (27.7 g/100 ml); slightly soluble in EtOH; insoluble in Et₂O, CHCl₃. Eli Lilly & Co.; Merck & Co., Inc.

2476 Sulfameter

651-06-9 9082 211-480-8



N'-(5-Methoxy-2-pyrimidinyl)sulfanilamide.

AHR-857; sulfameterine; I-2586; Bayrena; Durenat; Kinecid; Kiron; Kirocid; Sulla, Supramid; Ultrax. Sulfonamide antibiotic. mp = 214-216°; λ_m 230 271 nm (E₁^{1%}_{cm} 562 726); sparingly soluble in EtOH, H₂O, Et₂O; soluble in dilute acid, base; [sodium salt (C₁₁H₁₁N₄NaO₃S)]: LD₅₀ (mus iv) = 1100 ± 200 mg/kg,

(mus ip) = 1500 mg/kg, (mus orl) = 3000 mg/kg, (rat iv) = 1200 mg/kg, (rat ip) = 1100 mg/kg, (rat orl) = 1000 mg/kg. Schering AG; SPOFA.

2477 Sulfamethazine

57-68-1 9083 200-346-4

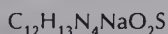


N¹-(4,6-Dimethyl-2-pyrimidinyl)sulfanilamide.

Calfspan Tablets; Sulka K Boluses; SulfaSURE SR Bolus; DiazilSulfadine; S-Dimidine; Dimidin-R; Neazina; Sulmet. Sulfonamide antibiotic. mp = 170-176°, 178-179°, 198-199°, 205-207°; λ_m 241 nm ($E_{1\text{ cm}}^{1\%}$ 670 H₂O, pH 6.6), 243 257 nm ($E_{1\text{ cm}}^{1\%}$ 765 776 0.01N NaOH), 241 297 nm ($E_{1\text{ cm}}^{1\%}$ 561 266 0.01N HCl); soluble in H₂O (0.15 g/100 ml at 29°, 0.192 g/100 ml at 37°, pH 7.00); LD₅₀ (mus ip) = 1060 mg/kg. Fermenta Animal Health Co.; ICI; Inst. Chemioter.; Merck & Co., Inc.; Solvay Animal Health, Inc.

2478 Sulfamethazine Sodium Salt

1981-58-4 9083 217-840-0

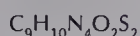


N¹-(4,6-Dimethyl-2-pyrimidinyl)sulfanilamide sodium salt.

Intradine; Sulfoxine 33; Vesadin. Sulfonamide antibiotic. Fermenta Animal Health Co.; ICI; Inst. Chemioter.; Merck & Co., Inc.; Solvay Animal Health, Inc.

2479 Sulfamethizole

144-82-1 9084 205-641-1



N¹-(5-Methyl-1,3,4-thiadiazol-2-yl)sulfanilamide.

Thiosulfil Forte; Famet; Lucosil; Methazol; Renasul; Rufol; Salimol; Sulfapyelon; Thidicur; Thiosulfil; Urolucosil; component of: Thiosulfil-A-Forte. Sulfonamide antibiotic. mp = 208°; soluble in H₂O (0.025 g/100 ml at pH 6.5, 20 g/100 ml at pH 7.5), MeOH (2.5 g/100 ml), EtOH (3.3 g/100 ml), Me₂CO (10 g/100 ml), Et₂O (0.07 g/100 ml), CHCl₃ (0.035 g/100 ml), insoluble in C₆H₆. Lundbeck.

2480 Sulfamethomidine

3772-76-7 9085 223-219-5



N¹-(6-Methoxy-2-methyl-4-pyrimidinyl)sulfanilamide.

Duroprocin; Methofadin; Télémid. Sulfonamide antibiotic. mp = 146°. Nordmark.

2481 Sulfamethoxazole

723-46-6 9086 211-963-3

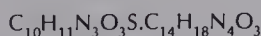


N¹-(5-Methyl-3-isoxazolyl)sulfanilamide.

Gantanol; component of: Azo Gantanol, Bactrim, Cotrim, SeptraSMZ/TMP, Sulfatrim. Sulfonamide antibiotic. Used also to treat pneumocystis. mp = 167°; LD₅₀ (mus orl) = 3662 mg/kg. Shionogi & Co., Ltd.

2482 Sulfamethoxazole mixture with Trimethoprim

8064-90-2 9086



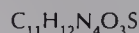
Sulfamethoxazole/trimethoprim.

co-trimopxazole; Abacin; Aop-Sulfatrim; Bactramin; Bactrim; Baktar; Chemotrim; Comox; Drylin; Eusaprim; Fectrim; Gantaprim; Gantrim; Imexim; Kepinol; Laratrim;

Linaris; Microtrim; Nopil; Oraprim; Septra; Septrin; Sigaprim; Sulfotrim; Sulprim; Sumetrolim; Supracombin; Suprim; Teleprim; Thiocuran; Trigonyl; Trimesulf; Uroplus, Uro-Septra. Sulfonamide antibiotic. Used also to treat pneumocystis. LD₅₀ (mus orl) = 5513 mg/kg. Shionogi & Co., Ltd.

2483 Sulfamethoxypyridazine

80-35-3 9087 201-272-5

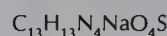


N¹-(6-Methoxy-3-pyridazinyl)sulfanilamide.

Midicel; CL-13494; RP-7522; Kynex; Lederkyn; Midikel; Sulfalex; Sulfdurazin; Sultirene. Sulfonamide antibiotic. mp = 182-183°; soluble in H₂O (0.11 g/100 ml at pH 5, 37°, 0.12 g/100 ml at pH 6, 37°, 0.147 g/100 ml at pH 6.5, 37°); slightly soluble in EtOH, MeOH; more soluble in Me₂CO (2 g/100 ml) and DMF (100 g/100 ml); freely soluble in aqueous alkaline solutions; LD₅₀ (mus orl) = 1750 mg/kg. American Cyanamid; Parke-Davis.

2484 Sulfamethoxypyridazine Acetyl

3568-43-2 222-664-2



N¹-(6-Methoxy-3-pyridazinyl)sulfanilamide acetyl.

ND-1966; Midicel Acetyl. Sulfonamide antibiotic. American Cyanamid; Parke-Davis.

2485 Sulfamethoxypyridazine Sodium Salt

2577-32-4 9087 219-928-4



N¹-(6-Methoxy-3-pyridazinyl)sulfanilamide sodium salt.

Davosin; Sulfoxine LA. Sulfonamide antibiotic. American Cyanamid; Parke-Davis.

2486 Sulfamethylthiazole

515-59-3 208-203-8

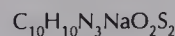


N¹-(4-Methyl-2-thiazolyl)sulfanilamide.

Sulfonamide antibiotic. mp = 238-240°; soluble in H₂O (0.2 g/100 ml), insoluble in Et₂O, readily soluble in dilute mineral acids and solutions of alkali hydroxides and carbonates.

2487 Sulfamethylthiazole Sodium Salt

6101-28-6



N¹-(4-Methyl-2-thiazolyl)sulfanilamide sodium salt.

Ultaseptyl. Sulfonamide antibiotic. Soluble in H₂O.

2488 Sulfametrole

32909-92-5 9089 251-288-1

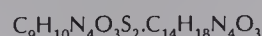


N¹-(4-Methoxy-1,2,5-thiadiazol-3-yl)sulfanilamide.

Sulfonamide antibiotic. mp = 149-150°. OSSW.

2489 Sulfametrole mixture with Trimethoprim

63749-94-0 9089



Sulfametrole-trimethoprim.

Lidaprim; Maderan. Sulfonamide antibiotic. OSSW.

2490 Sulfamidochrysoidine

103-12-8 9092 203-081-2



4-[(2,4-Diaminophenyl)azo]benzenesulfonamide.

Sulfonamide antibiotic. *I.G. Farben; Winthrop.***2491 Sulfamidochrysoidine Hydrochloride**

33445-35-1 9092



4-[(2,4-Diaminophenyl)azo]benzenesulfonamide hydrochloride.

Pronotsil; Prontosil flavum; Prontosil rubrum; Rubiazol I; Septosan; Streptocide; Streptozon. Sulfonamide antibiotic.

mp = 248-250°; soluble in H₂O (0.25 g/100 ml at 25°),EtOH, Me₂CO, fats, oils. *I.G. Farben; Winthrop.***2492 4-Sulfanilamidosalicylic Acid**

6202-21-7 9095 228-263-9

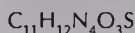


4-(p-Aminobenzenesulfonamido)-2-hydroxybenzoic acid.

Metrasil. Sulfonamide antibiotic. Dec 220°; soluble in

H₂O at neutral pH. *Ward, Blenkinsop.***2493 Sulfamonomethoxine**

1220-83-3

N¹-(6-Methoxy-4-pyrimidinyl)sulfanilamide.

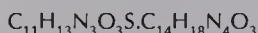
Sulfonamide antibiotic.

2494 Sulfamoxole

729-99-7 9093 211-982-7

N¹-(4,5-Dimethyl-2-oxazolyl)sulfanilamide.Justamil; Sulfmidil; Sulfuno; Tardamide. Sulfonamide antibiotic. mp = 193-194°; soluble in H₂O (0.085 g/100 ml), 0.01N HCl (0.163 g/100 ml), 0.01N NaOH (0.196 g/100 ml), MeOH (2.315 g/100 ml), CHCl₃ (0.240 g/100 ml); λ_m 210 250 270 nm (ε 740 546 857 5 mg/l MeOH); LD₅₀ (mus orl) > 10000 mg/kg, (mus ip) = 1800 mg/kg, (rat orl) > 12500 mg/kg, (rat ip) = 2500 mg/kg. *Nordmark.***2495 Sulfamoxole mixture with Trimethoprim**

57197-43-0 9093



Sulfamoxazole/trimethoprim.

co-trifamole; CN-3123; CoFram; Dibactil; Nevin; Supristol. Sulfonamide antibiotic. LD₅₀ (mus orl) > 12000 mg/kg, (mus ip) = 1870 mg/kg, (rat orl) = 14000 mg/kg, (rat ip) = 2000 mg/kg. *Nordmark.***2496 Sulfanilamide**

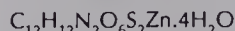
63-74-1 9094 200-563-4



p-Aminobenzenesulfonamide.

Sulfanilamide Vaginal Cream; 1162-F; Albexan; Deseptyl; Prontalbin; Prontosil album; Prontylin; Septoplix; Streptocid album; Streptocide. Sulfonamide antibiotic. mp = 164.5-166.5°; λ_m 257 313 nm; soluble in H₂O (0.26 g/100 ml at 10°, 0.75 g/100 ml at 25°, 1.70 g/100 ml at 40°, 4.0 g/100 ml at 60°, 47.7 g/100 ml at 100°), EtOH (2.7 g/100 ml), Me₂CO (20 g/100 ml), glycerol, propylene glycol, HCl, NaOH, KOH solutions; insoluble in C₆H₆, CHCl₃, Et₂O, petroleum ether; LD₅₀ (dog orl) = 2000mg/kg. *Lemmon Co.***2497 Sulfanilate Zinc**

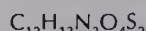
31884-76-1



Zinc 4-aminobenzenesulfonate zinc salt (2:1) tetrahydrate.

Nizin; component of: Op-Isophrin-Z. Sulfonamide antibiotic. *Broemmel Pharmaceuticals.***2498 N⁴-Sulfanilylanilamide**

547-52-4 9100



4-(4'-Aminobenzenesulfonamido)benzenesulfonamide.

DB-32; Diseptal C; Uliron C; Disulon; Neosanamid II; Albasil C; Disulfan. Sulfonamide antibiotic, topical. mp = 133-134°; soluble in H₂O, MeOH, EtOH, Et₂O, NH₃, HCl; insoluble in petroleum ether, CHCl₃. *I.G. Farben.***2499 Sulfanilylurea**

547-44-4 9101 208-922-7

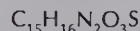


4-Amino-N-(aminocarbonyl)benzenesulfonamide.

sulfaurea; Euvernil; Uractyl; Uramid; Urenil; Urosulfan.

Sulfonamide antibiotic. mp = 146-148°; soluble in H₂O (0.81 g/100 ml at 37°); soluble in alkalies, forms a soluble sodium salt; [monohydrate]: mp = 1251-27°. *Ciba-Geigy Corp.***2500 N-Sulfanilyl-3,4-Xylamide**

120-34-3 9102 204-387-9

N¹-(3,4-Dimethylbenzoyl)sulfanilamide.Geigy 867; Irgafen. Sulfonamide antibiotic. mp = 222-223°; sparingly soluble in H₂O. *Ciba-Geigy Corp.***2501 Sulfanitran**

122-16-7 9103



4'-[(p-Nitrophenyl)sulfamoyl]acetanilide.

NSC-77120; APNPS. Sulfonamide antibiotic. Also used as a coccidiostat in poultry. mp = 239-240°, 264°; freely soluble in Me₂CO; soluble in hot EtOH, MeOH; sparingly soluble in H₂O, Et₂O.**2502 Sulfaperine**

599-88-2 9104 209-976-4

N¹-(5-Methyl-2-pyrimidinyl)sulfanilamide.Pallidin; Retardon; Rexulfa; Sintosulfa; Sulfatreis. Sulfonamide antibiotic. mp = 262-263°; sparingly soluble in EtOH, H₂O (0.04 g/100 ml at pH 5.5); soluble in aqueous solutions of acids and alkalies. *Merck & Co., Inc.***2503 Sulfaphenazole**

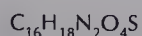
526-08-9 9105 208-384-3

N¹-(1-Phenylpyrazol-5-yl)sulfanilamide.Sulfabid; Isarol V; Orisul; Orisulf. Sulfonamide antibiotic. mp = 179-183°; sparingly soluble in H₂O (0.15 g/100 ml at pH 7, 25°); more soluble in EtOH, MeOH, AcOH; LD₅₀ (mus orl) = 5800 mg/kg; [sodium salt monohydrate (C₁₅H₁₃N₄NaO₂S·H₂O)]: soluble in H₂O. *Purdue Pharma*

L.P.; Ciba plc.

2504 Sulfaproxyline

116-42-7 9106 204-140-5

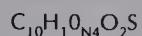


N'-(4-Isopropoxybenzoyl)sulfanilamide.

sulphaproxyline; component of: Dosulfin. Sulfonamide antibiotic. mp = 172-173°. *Ciba-Geigy Corp.*

2505 Sulfapyrazine

116-44-9 9107

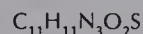


4-Amino-*N*-(pyrazinyl)benzenesulfonamide.

Sulfonamide antibiotic. Dec 250-254°; slightly soluble in EtOH, Me₂CO; soluble in NaOH, KOH solutions, ammonia and mineral acids; almost insoluble in H₂O (0.0050 g/100 ml at 25°, 0.0052 g/100 ml at 37°); [sodium salt monohydrate (C₁₀H₉N₄NaO₂S.H₂O)]: freely soluble in H₂O (30 g/100 ml at 25°); very soluble in Me₂CO; soluble in EtOH; insoluble in Et₂O, CHCl₃.

2506 Sulfapyridine

144-83-2 9108 205-642-7

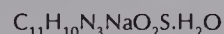


N'-2-Pyridylsulfanilamide.

Sulfonamide antibiotic. mp = 190-191°; soluble in H₂O (0.029 g/100 ml), EtOH (0.227 g/100 ml), Me₂CO (1.54 g/100 ml); freely soluble in mineral acids, KOH, NaOH solutions; LD₅₀ (mus orl) = 7500 mg/kg.

2507 Sulfapyridine Sodium Salt Monohydrate

127-57-1 9108 204-850-5

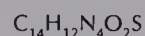


N'-2-Pyridylsulfanilamide sodium salt monohydrate.

soluble sulfapyridine; Izopiridina; Soludagenan. Sulfonamide antibiotic. Soluble in H₂O (66 g/100 ml), EtOH (10 g/100 ml); LD₅₀ (mus orl) = 2700 mg/kg.

2508 Sulfaquinoxaline

59-40-5 200-423-2



N'-2-Quinoxalinylnsulfanilamide.

component of: Sulquin 6-50 Concentrate. Sulfonamide antibiotic. *Solvay Animal Health, Inc.*

2509 Sulfasalazine

599-79-1 9112 209-974-3

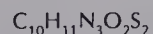


5-[[p-(2-Pyridylsulfamoyl)phenyl]azo]salicylic acid.

Azulfidine; Colo-Pleon; Salazopyrin. Sulfonamide used in the treatment of ulcerative colitis and Crohn's disease. Dec 240-245°; λ_m 237 (E₁^{1%}_{cm} 658) and 359 nm; insoluble in H₂O, C₆H₆, CHCl₃, Et₂O; slightly soluble in EtOH. *Pharmacia & Upjohn, Inc.*

2510 Sulfasomizole

632-00-8 9113 211-167-6



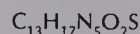
N'-(3-Methyl-5-isothiazolyl)sulfanilamide.

sulphasomizole; Bidizole; Amidozol. " Sulfonamide antibiotic. mp = 192-192.5°; soluble in H₂O (0.248 g/100 ml at pH 6.0, 2.26 g/100 ml at pH 7.0); [sodium salt

monohydrate (C₁₀H₁₀N₃NaO₂S₂H₂O)]: dec 345°; freely soluble in H₂O. *May & Baker Ltd.*

2511 Sulfasymazine

1984-94-7 9114



N'-(3-Methyl-1-phenylpyrazol-5yl)sulfanilamide.

sulphsymazine; Symasul; Prosymasul. Sulfonamide antibiotic. mp = 186.5-187.5°, 190-190.5°; soluble in H₂O (0.1 g/100 ml at pH 5.9). *American Cyanamid.*

2512 Sulfathiazole

72-14-0 9115 200-771-5



N'-2-Thiazolylsulfanilamide.

RP-2090; M&B-760; Thiazamide; Cibazol; Enterobiocine; Duatok; Sulfamul; Sulfavitina; Sulzol; component of: Sultrin, Trysul. Sulfonamide antibiotic. mp = 202-202.5°; soluble in H₂O (0.06 g/100 ml at pH 6.03), EtOH (0.525 g/100 ml); soluble in Me₂CO, dilute mineral acids, KOH and NaOH solutions, ammonia, H₂O. *Ortho Pharmaceutical Corp.; Savage Labs.*

2513 Sulfathiazole Sodium

144-74-1 9115 205-638-5

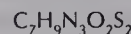


N'-2-Thiazolylsulfanilamide sodium salt.

soluble sulfathiazole. Sulfonamide antibiotic. Soluble in H₂O (40 g/100 ml), EtOH (6.7 g/100 ml); LD₅₀ (mus sc) = 1450 mg/kg, 1950 mg/kg. *Ortho Pharmaceutical Corp.; Savage Labs.*

2514 Sulfathiourea

515-49-1 9116 208-201-7



1-Sulfanilyl-2-thiourea.

RP-2255; Badional; Fontamide. Sulfonamide antibiotic. Dec 171.5-172°; soluble in H₂O (1.1 g/100 ml).

2515 Sulfathiourea Sodium Salt

6101-34-4 9116



1-Sulfanilyl-2-thiourea sodium salt.

Sulfonamide antibiotic. Dec 245-245.5°; very soluble in H₂O.

2516 Sulfatolamide

1161-88-2 9117 214-600-7

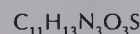


1-Sulfanilyl-2-thiourea derivative of α-amino-p-toluenesulfonamide.

Marbadal. Sulfonamide antibiotic. mp = 179-181°; insoluble in Et₂O; slightly soluble in H₂O (< 0.78 g/100 ml); freely soluble in dilute HCl, NaOH, KOH solutions. *Schenley.*

2517 Sulfatroxazole

23256-23-7



N'-(4,5-Dimethyl-3-isoxazolyl)sulfanilamide.

A sulfonamide derivative. Antibacterial.

2518 Sulfazamet

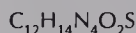
852-19-7 9118 212-707-3



N'-(3-Methyl-1-phenylpyrazol-5-yl)sulfanilamide.
sulfapyrazole; Vesulong. Sulfonamide antibiotic. mp = 195°, 181-182°. *Ciba plc.*

2519 Sulfisomidine

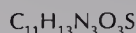
515-64-0 9124 208-204-3



N'-(2,6-Dimethyl-4-pyrimidinyl)sulfanilamide.
sulphasomidine; Elkosin; Elcosin; Elkosil; Domain; Aristamid. Sulfonamide antibiotic. mp = 243°; soluble in H₂O (0.12 g/100 ml at 15°, 0.30 g/100 ml at 30°, < 1.67 g/100 ml at 100°); slightly soluble in EtOH, Me₂CO; insoluble in C₆H₆, Et₂O, CHCl₃; freely soluble in dilute HCl and NaOH. *Ciba plc; Nordmark.*

2520 Sulfisoxazole

127-69-5 9125 204-858-9



N'-(3,4-Dimethyl-5-isoxazolyl)sulfanilamide.
Gantrisin; Sulfalar; sulphafurazole; Sosol; Soxisol; Soxomide; Sulfazin; Sulfoxol; Sulsoxin; component of: Azo Gantrisin. Sulfonamide antibiotic. mp = 194°; soluble in H₂O (0.013 g/100 ml), EtOH; LD₅₀ (mus orl) = 6800 mg/kg. *Hoffmann-LaRoche Inc.; Parke-Davis.*

2521 Sulfisoxazole Diethanolamine Salt

4299-60-9 9125 224-308-1



N'-(3,4-Dimethyl-5-isoxazolyl)sulfanilamide diethanolamine salt.
sulfisoxazole diolamine; Suladrin; Sulfium. Sulfonamide antibiotic. Freely soluble in H₂O, soluble in EtOH. *Hoffmann-LaRoche Inc.; Parke-Davis.*

Antibiotics, Sulfone**2522 Acedapsone**

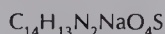
77-46-3 20 201-028-8



N,N'-(Sulfonyldi-4,1-phenylene)bisacetamide.
Hansolar; CI-556; CN-1883; DADDS; PAM-MR-1165; Rodilone; diacetyl dapsone; sulfadiazine; 1399F. Sulfone antibiotic. Leprostatic. mp = 289-292°; λ_m 256 284 nm (ε 25500 36200 MeOH); soluble in H₂O (0.0003 g/100 ml). *Parke-Davis.*

2523 Acediasulfone

80-03-5 21 201-243-7



N-p-Sulfanilylphenylglycine sodium.
Sulfone antibiotic. mp = 194°; soluble in MeOH, Me₂CO, dilute NaOH. *Cilag-Chemie.*

2524 Acetosulfone Sodium

128-12-1 73



N-(6-Sulfanilylmetanilyl)acetamide monosodium salt.
Promacatin; CI-100; IA-307; NSC-107528; acetosulphone; Internal Antiseptic No. 307; I.A. 307.

Sulfone antibiotic. Leprostatic. Soluble in H₂O (3 g/100 ml); [free sulfonamide]: mp = 285°. *Parke-Davis.*

2525 Dapsone

80-08-0 2885 201-248-4



4,4'-Sulfonyldianiline.
NSC-6091; DDS, diaphenylsulfone; DADPS; 1358F; Avlosulfon; Croysulfone; Diphenasone; Disulfone; Dumitone; Eporal; Novophone; Sulfona-Mae; Sulphadione; Udolac. Sulfone antibiotic. Leprostatic and dermatitis herpetiformis suppressant. Also used as a hardening agent with epoxy resins and, in veterinary medicine, as a coccidostat. mp = 175-176°, 180.5°; insoluble in H₂O, soluble in EtOH, MeOH, Me₂CO, dilute HCl. *I.G. Farben.*

2526 Diathymosulfone

5964-62-5 3037



Di-[4-(4-hydroxy-2-methyl-5-isopropylphenylazo)phenyl] sulfone.
thymol sulfone; Diatox. Antibacterial. Leprostatic. mp = 222-224°; λ_m 400 nm (EtOH); insoluble in H₂O; soluble in dioxane, Me₂CO, alkali solutions; less soluble in EtOH, Et₂O. *Lab. Laborec.*

2527 Glucosulfone Sodium

554-18-7 4471 209-064-6



4,4'-Diaminophenyl-N,N-di(dextrose sodium sulfonate).
501-P; Protomin; Promin; Promanide; Angeli's Sulfone. Sulfone antibiotic. Soluble in H₂O; slightly soluble in EtOH; insoluble in Et₂O, C₆H₆, MeOH, EtOAc, C₅H₅N; LD₅₀ (mus orl) = 3930 mg/kg. *Siegfried AG.*

2528 Solasulfone

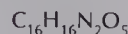
133-65-3 8859 205-116-7



1,1'-[Sulfonylbis(p-phenylimino)]bis-(3-phenyl-1,3-propanedisulfonic acid) tetrasodium salt.
solapsone; RP-3668; Cimedone; Sulphetrone. Sulfone antibiotic. Leprostatic. Crystallizes as a hydrate; very soluble H₂O; insoluble in EtOH. *Glaxo Wellcome Inc.*

2529 Succisulfone

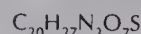
5934-14-5 9047 227-684-5



4'-Sulfanilylsuccinanic acid.
F 1500; Fourneau 1500; Exosulfonyl. Sulfone antibiotic. Leprostatic. mp = 157°; soluble in ammonia. *Bayer Corp., Pharmaceutical Div.; Eli Lilly & Co.*

2530 Succisulfone 2,2'-Iminodiethanol Salt

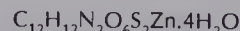
547-36-4 9047 208-920-6



4'-Sulfanilylsuccinanic acid 2,2'-iminodiethanol salt.
Sulfone antibiotic. *Theraplix.*

2531 Sulfanilate Zinc

31884-76-1 9096



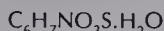
Zinc 4-aminobenzenesulfonate zinc salt (2:1)

tetrahydrate.

Nizin; - component of: Op-Isophrin-Z. Sulfonamide, sulfone antibiotic. *Broemmel Pharmaceuticals*.

2532 Sulfanilic Acid

121-57-3 9096 204-482-5

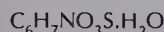


4-Aminobenzenesulfonic acid.

Sulfone antibiotic. Dec 288°, > 360°; soluble in H₂O (1.0 g/100 ml at 20°, 1.45 g/100 ml at 30°, 1.94 g/100 ml at 40°); insoluble in EtOH, C₆H₆, Et₂O; slightly soluble in hot MeOH.

2533 Sulfanilic Acid Monohydrate

6101-32-2 9096



4-Aminobenzenesulfonic acid.

Sulfone antibiotic.

2534 Sulfanilic Acid Sodium Salt Dihydrate

6106-22-5 9096



Sodium 4-aminobenzenesulfonate dihydrate.

Sulfone antibiotic. Freely soluble in H₂O, soluble in hot MeOH.

2535 p-Sulfanilidobenzylamine

4393-19-5 9098



4-[(4-Aminophenyl)sulfonyl]benzenemethanamine.

Alphamide. Sulfone antibiotic.

mp = 159°; [monohydrochloride monohydrate (C₁₃H₁₅ClN₂O₂S·H₂O)]: mp = 195°; very soluble in H₂O; [dihydrochloride (C₁₃H₁₆Cl₂N₂O₂S)]: mp = 285°.

2536 Sulfoxone Sodium

144-75-2 9141

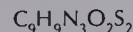


Disodium {sulfonylbis(p-phenyleneimino)}-dimethanesulfinate.

aldesulfone sodium; Diazon; Novotrone; Diasone. Sulfone antibiotic. Leprostatic. Dec 263-265°; readily soluble in H₂O, soluble in EtOH, insoluble in other organic solvents. *Abbott Labs*.

2537 Thiazolsulfone

473-30-3 9444



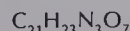
2-Amino-5-sulfanyllthiazole.

thiazosulfone; thiazolesulfone; Promizole. Sulfone antibiotic. mp = 219-221° (dec); soluble in H₂O (0.03 - 0.04 g/100 ml at pH 6.5); freely soluble in Me₂CO, dioxane, 70% EtOH, dilute acids; moderately soluble in EtOH, EtOAc, Et₂O. *Parke-Davis*.

Antibiotics, Tetracycline

2538 Amicycline

5874-95-3



9-Amino-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-1,11-dioxo-2-naphthacenecarboxamide.

Tetracycline antibiotic.

2539 Apicycline

15599-51-6 772



α-[4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamido]-4-(2-hydroxyethyl)-1-piperazineacetic acid.

RIT-1140; Traserit. Tetracycline antibiotic. mp = 144.5° (dec); [α]_D = -123° (c = 0.5 MeOH), -133° (c = 0.33 H₂O). *Recherche et Ind. Therap.*

2540 Chlortetracycline

57-62-5 2245 200-341-7



7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide.

7-chlorotetracycline; Acronize; Aureocina; Aureomycin; Biomitsin; Centraureo; Chrysomykine; Orospray.

Tetracycline antibiotic. mp = 168-169°; [α]_D²³ = -275.0° (MeOH); λ_m = 230, 262.5 367.5 nm (0.1NHCl), 255 285 345 nm (0.1N NaOH); soluble in H₂O (0.05-0.06 g/100 ml); very soluble in aqueous solutions at pH > 8.5; freely soluble in cellosolves, dioxane, carbitol; soluble in MeOH, EtOH, BuOH, Me₂CO, EtOAc, C₆H₆; insoluble in Et₂O, petroleum ether. *American Cyanamid*.

2541 Chlortetracycline Hydrochloride

64-72-2 2245 200-591-7



7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide monohydrochloride.

Aureomycin; Fermycin Soluble; Aureocyclina; Isphamycin. Tetracycline antibiotic. Dec > 210°; [α]_D²³ = -240°; soluble in H₂O (0.86 g/100 ml at 28°), MeOH (1.74 g/100 ml at 28°), EtOH (0.17 g/100 ml at 28°); insoluble in Me₂CO, Et₂O, CHCl₃, dioxane; LD₅₀ (rat orl) = 10300 mg/kg. *Fermenta Animal Health Co.; Lederle Labs*.

2542 Clomocycline

1181-54-0 2448



7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-N-(hydroxymethyl)-6-methyl-1,11-dioxo-2-naphthacenecarboxamide.

Megaclor. Tetracycline antibiotic. Dec 145-170°; soluble in H₂O (pH 6-8). *AB Leo*.

2543 Demeclocycline

127-33-3 2937 204-834-8

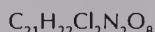


7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-1,11-dioxo-2-naphthacenecarboxamide.

RP-10192; Bioterciclin; Declomycin; Deganol; Ledermycin; Periciclina. Tetracycline antibiotic. [sesquihydrate]: mp = 174-178° (dec); [α]_D²⁵ = -258° (c = 0.5 0.1N H₂SO₄). *American Cyanamid; Merck & Co., Inc.; Olin Mathieson*.

2544 Demeclocycline Hydrochloride

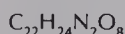
64-73-3 2937 200-592-2



7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-1,11-dioxo-2-naphthacenecarboxamide hydrochloride.

Declomycin; Clortetrin; Demetraciclina; Detravis; Meciclin; Mexocine. Tetracycline antibiotic. LD₅₀ (rat orl) = 2372 mg/kg. *American Cyanamid; Lederle Labs.; Merck & Co., Inc.; Olin Mathieson.***2545 Doxycycline**

564-25-0 3496 209-271-1



4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide.

Monodox; Vibramycin. Tetracycline antibiotic. *Oclassen Pharmaceuticals, Inc.; Pfizer International.***2546 Doxycycline Hyclate**

24390-14-5 3496



4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide monohydrochloride compound with ethyl alcohol (2:1) monohydrate.

Doryx; Vibra-Tabs; Vivox; Azudoxat; Bassado; Clinofug; Diocimex; Doryx; Doxatet; Doxicrisol; Doxylar; Doxichel hyclate; Doxytem; Duradoxal; Granudoxo; Hydramycin; Mespafin; Nordox; Paldomycin; Retens; Ronaxan; Sigadoxin; Spanor; Tetradox; Unacil; Vibramycin Hyclate; Vibraveineuse; Vibravenös; Zadorin. Tetracycline antibiotic. dec 201°; $[\alpha]_D^{25} = -110^\circ$ (c = 1 in 0.01N HCl/MeOH); λ_m 267, 351 nm (log ϵ 4.24 4.12 0.01N HCl/MeOH); soluble in H₂O; LD₅₀ (rat ip) = 262 mg/kg. *Apothecon; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Elkins-Sinn; Lemmon Co.; Parke-Davis; Pfizer International.***2547 Doxycycline Hydrate**

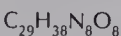
17086-28-1 3496



4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide monohydrate.

Monodox; Vibramycin; GS-3065; Jenacyclin; Supracyclin. Tetracycline antibiotic. *Oclassen Pharmaceuticals, Inc.; Pfizer International.***2548 Guamecycline**

16545-11-2 4584 240-611-1



N-[[4-(Amidinoamidino)-1-piperazinyl]methyl]-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide.

tetrabiguanide; xanthomycin; xantomicina. Tetracycline antibiotic. *Societa Prodiotti Antibiotici, Italy.***2549 Guamecycline Hydrochloride**

13040-98-7 4584 235-913-5



N-[[4-(Amidinoamidino)-1-piperazinyl]methyl]-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-

naphthacenecarboxamide hydrochloride.

Terratrex; Xantociclina. Tetracycline antibiotic. *Societa Prodiotti Antibiotici, Italy.***2550 Lymecycline**

992-21-2 5658 213-592-2

[4S-(4 α ,4a α ,5a α ,6 β ,12a α)]-N⁶-[[[4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenyl]carbonyl]amino]methyl]-L-lysine.Armyl; Ciclolysal; Mucomycin; Tetralisal; Tertamyl; Tetralysal. Tetracycline antibiotic. [sodium salt (C₂₉H₃₇N₄NaO₁₀)]: λ_m 376 nm (MeOH). *Farmitalia Carlo Erba SpA.***2551 Meclocycline**

2013-58-3 5818 217-938-3



7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacenecarboxamide.

GS-2989; NSC-78502. Tetracycline antibiotic. λ_m 245 347 nm (log ϵ 4.34 4.10 0.01N HCl/MeOH); LD₅₀ (mus orl) > 5000 mg/kg, (mus ip) = 425 mg/kg. *Pfizer Inc.***2552 Meclocycline 5-Sulfosalicylate**

73816-42-9 5818 277-614-2



7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacenecarboxamide mono(5-sulfosalicylate) (salt).

Meclan Cream; Meclan; Mecloderm; Meclosorb; Meclutin; Traumatociclina. Tetracycline antibiotic. λ_m 239 268 346 nm (log ϵ 4.46 4.07 4.11 0.01N HCl/MeOH). *Ortho Pharmaceutical Corp.; Pfizer Inc.***2553 Methacycline**

914-00-1 6007 213-017-5



4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacenecarboxamide.

GS-2876; metacycline; Bialatan. Tetracycline antibiotic. *Pfizer International.***2554 Methacycline Hydrochloride**

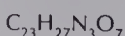
3963-95-9 6007 223-568-3



4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacenecarboxamide hydrochloride.

Randomycin; Adriamicina; Ciclobiotic; Germiciclin; Metadomus; Metilenbiotic; Landomycin; Optimycin; Physiomycline; Rindex. Tetracycline antibiotic. Dec 205°; soluble in H₂O; sparingly soluble in EtOH; insoluble in Et₂O, CHCl₃; λ_m 253 345 nm (log ϵ 4.37 4.19 0.01N HCl/MeOH); LD₅₀ (rat ip) = 252 mg/kg, (mus ip) = 288 mg/kg. *Wallace Labs.***2555 Minocycline**

10118-90-8 6289



4,7-Bis(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-

3,10,12,12a-tetrahydroxy-1,1-dioxo-2-naphthacene-carboxamide.

Minocyn. Tetracycline antibiotic. $[\alpha]_D^{25} = -166^\circ$ (c = 0.524); λ_m 352 263 nm (4.16 4.23 0.1N HCl), 380 243 nm (log ϵ 4.30 4.38 0.1N NaOH). *Lederle Labs.; Parke-Davis.*

2556 Minocycline Hydrochloride

13614-98-7 6289 237-099-7

$C_{23}H_{28}ClN_3O_7$

4,7-Bis(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-1,1-dioxo-2-naphthacenecarboxamide hydrochloride.

Minocin; Vectrin; Klinomycin; Minomycin. Tetracycline antibiotic. *Lederle Labs.; Parke-Davis.*

2557 Nitrocycle

5585-59-1

$C_{21}H_{21}N_3O_9$

4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-7-nitro-1,11-dioxo-2-naphthacenecarboxamide.

Tetracycline antibiotic.

2558 Oxytetracycline

6153-64-6 7111

$C_{22}H_{24}N_2O_9$

4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide.

glomycin; riomitsin; hydroxytetracycline. Tetracycline antibiotic. *Pfizer International; SmithKline Beecham Animal Health; C.M. Industries.*

2559 Oxytetracycline Dihydrate

79-57-2 7111 201-212-8

$C_{22}H_{24}N_2O_9 \cdot 2H_2O$

4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide dihydrate.

OXTC; Terramycin; Abbocin; Berkmycen; Clinimycin; Imperacin; Oxatets; Oxydon; Oxymycin; Stecsolin; Stevasin; Terralon-LA; Unimycin. Tetracycline antibiotic. Dec 181-182°; $[\alpha]_D^{25} = -196.6^\circ$; (0.1N HCl), -2.1° (0.1N NaOH), 26.5° (MeOH); λ_m 249 276 353 nm ($E_{1\text{ cm}}^{1\%}$ 240 322 301 pH 4.5 phosphate buffer); soluble in H_2O (3.14 g/100 ml at pH 1.2, 0.46 g/100 ml at pH 2.0, 0.14 g/100 ml at pH 3.0, 0.05 g/100 ml at pH 5.0, 0.07 g/100 ml at pH 6.0, 0.11 g/100 ml at pH 7.0, 3.86 g/100 ml at pH 9.0), absolute EtOH (1.2 g/100 ml), 95% EtOH (0.02 g/100 ml); [disodium salt ($C_{22}H_{22}N_2Na_2O_9 \cdot 2H_2O$)]: soluble in EtOH (0.8 g/100 ml), MeOH (0.15 g/100 ml). *Abbott Labs.; Pfizer International; SmithKline Beecham Animal Health.*

2560 Oxytetracycline Hydrochloride

2058-46-0 7111 218-161-2

$C_{22}H_{25}ClN_2O_9$

4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide monohydrochloride.

Medamycin; Oxlopar; Oxyject 100; Oxy WS; Terramycin Hydrochloride; Alamycin; Aquacycline; Bio-Mycin; Duphacycline; Engemycin; Geomycin; Gynamousse; Macocyn; Occrcyctin; Oxlopar; Oxybiocycline; Oxybiotic; Oxycyclin; Oxy-Dumocyclin; Oxyject;

Oxylag; Oxypan; Oxytetracid; Oxytetrin; Terrafungine; Terraject; Tetramel; Tetran; Tetra-Tablinene; Toxinal; Vendarcin; component of: Terra-Cortril. Tetracycline antibiotic. *Fermenta Animal Health Co.; Parke-Davis; Pfizer International.*

2561 Penimepicycline

4599-60-4 7235 225-002-0

$C_{45}H_{56}N_5O_{12}S$

4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-N-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]-6-methyl-1,11-dioxo-2-naphthacenecarboxamide salt with phenoxymethylpenicillin.

Criseocil; Geotricyn; Olimpen; Penetracyne; Peniltetra; Prestociclina. Tetracycline antibiotic. Dec > 143°; soluble in H_2O (142.8 g/100 ml); $[\alpha]_D^{20} = -50.5^\circ$ (c = 2 MeOH). *E.R.A.S.M.E.*

2562 Pipacycline

1110-80-1 7606 214-176-3

$C_{29}H_{38}N_4O_9$

4-Dimethylamino-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-N-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]-6-methyl-1,11-dioxo-2-naphthacenecarboxamide.

mepicycline; mepiciclina; Ambra-Vena; Sieromicin; Valtomicina. Tetracycline antibiotic. Dec 162-163°; $[\alpha]_D^{20} = -195^\circ$ (c = 0.5); $\lambda_m = 286$ 355 nm (0.1N HCl); freely soluble in H_2O , MeOH, formamide; slightly soluble in EtOH, iPrOH; insoluble in Et_2O , C_6H_6 , $CHCl_3$; LD₅₀ (mus iv) = 188 mg/kg. *E.R.A.S.M.E.*

2563 Rolitetetracycline

751-97-3 8411 212-031-9

$C_{27}H_{33}N_3O_8$

4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-N-(1-pyrrolidinylmethyl)-2-naphthacenecarboxamide.

Syntetrin; SQ-15659; Reverin; Tetraverin; Transcycline. Tetracycline antibiotic. Dec 162-165°; soluble in H_2O (125 g/100 ml); freely soluble in EtOH, soluble in dilute acids, alkali. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2564 Rolitetetracycline Compound with Chloramphenicol Succinate

4154-10-3 8411

$C_{42}H_{49}Cl_2N_5O_{16}$

4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-N-(1-pyrrolidinylmethyl)-2-naphthacenecarboxamide compound with chloramphenicol succinate.

cafrolicycline; gradocycline; levocycline; senociclin; Clorociclin; Crovicina; Metilcal; Proterciclina; Reicaf; Tecaf; Tetrafenicol. Tetracycline antibiotic. Dec 140-144°; very soluble in H_2O ; insoluble in Et_2O , petroleum ether, C_6H_{14} . *Lab. ProTer.*

2565 Rolitetetracycline Nitrate Sesquihydrate

26657-13-6 8411

$C_{27}H_{34}N_4O_{11} \cdot 1.5H_2O$

4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-N-(1-pyrrolidinylmethyl)-2-naphthacenecarboxamide nitrate sesquihydrate.

Bristacin; Pyrrocycline-N; Syntetrex; Tetrim; Tetriv.
Tetracycline antibiotic. LD₅₀ (mus iv) = 91 mg/kg. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

2566 Sancycline

808-26-4 8500

C₂₁H₂₂N₂O₇
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-1,11-dioxo-2-naphthacenecarboxamide.
Bonomycin; GS-2147; NSC-51812; norcycline.
Tetracycline antibiotic. [hydrochloride hemihydrate (C₂₁H₂₃ClN₂O₇·0.5H₂O)]: dec 215-220°; λ_m 267 347 nm (ε 19300 15500 0.01N HCl/MeOH), 217 268 343 nm (ε 13400 1900 14600 0.1N H₂SO₄). *American Cyanamid; Pfizer International.*

2567 Tetracycline

60-54-8 9337 200-481-9

C₂₂H₂₄N₂O₈·H₂O
(4S,4aS,5aS,12aS)-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene-carboxamide.
Abricycline; Ambramycin; Bio-Tetra; Cyclomycin; tsiklomitsin; Dumocyclin; Tetradeclin; component of: Mysteclin-F, Talsutin. Tetracycline antibiotic. Dec 170-175°; [α]_D²⁵ = -257.9° (0.1N HCl), -239° (MeOH); λ_m = 220 268 355 nm (ε 13000 18040 13320 0.1N HCl); soluble in H₂O (0.17 g/100 ml at 28°), MeOH (> 2 g/100 ml); LD₅₀ (rat orl) = 807 mg/kg, (mus orl) = 808 mg/kg. *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Pfizer International.*

2568 Tetracycline Hydrochloride

64-75-5 9337 200-593-8

C₂₂H₂₅ClN₂O₈
(4S,4aS,5aS,12aS)-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide hydrochloride.
Achro; Achromycin; Robitet; TetraSURE; Ambracyn; Ambramicina; Bristaciclina; Cefracycline; Criseociclina; Cyclopar; Diocyclin; Helvecyclin; Hostacyclin; Imex; Mediletten, Mephacyclin; Panmycin; Partrex; Polycycline; Purocyclina; Quadracyclin; Remicyclin; Riocyclin; Ro-Cycline; Sanclomycine; Steclin; Sumycin; Supramycin; Sustamycin; Tefilin; Tetrabakat; Tetrabid; Tetrablet; tetrabon; Tetrachel; Tetracomprein; Tetracyn; Tetrakap; Tetrallution; Tetramavan; Tetramycin; Tetrosol; Topicycline; Totomycin; Triphacy. Tetracycline antibiotic. Dec 214°; [α]_D²⁵ = -257.9° (c = 0.5 0.1N HCl); freely soluble in H₂O; soluble in MeOH, EtOH; insoluble in Et₂O, petroleum ether; LD₅₀ (rat orl) = 6443 mg/kg. *Apothecon; Pharmacia & Upjohn, Inc.; Robins, A.H. Co.; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Fermenta Animal Health Co.; Lederle Labs.; Parke-Davis.*

2569 Tetracycline Phosphate Complex

1336-20-5 9337 215-646-0

(4S,4aS,5aS,12aS)-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide phosphate complex.
Tetrex; Tetrex BidCaps; Panmycin P; Telotrex; Tetradeclin; Novum; Upcyclin; component of: Azotrex. Tetracycline

antibiotic. Sparingly soluble in H₂O, slightly soluble in EtOH. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

Antibiotics, Tuberculostatic**2570 p-Aminosalicylic Acid**

65-49-6 498 200-613-5

C₇H₇NO₃
4-Amino-2-hydroxybenzoic acid.
Pamisyl; Rezipas. Antibacterial (tuberculostatic). mp = 150-151°; λ_m 265, 300 nm (0.1N HCl); soluble in H₂O (0.2 g/100 ml), EtOH (4.76 g/100 ml); slightly soluble in Et₂O; insoluble in C₆H₆; LD₅₀ (mus orl) = 4000 mg/kg; [hydrochloride]: dec 224°. *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Parke-Davis.*

2571 p-Aminosalicylic acid Hydrazide

6946-29-8 499 230-108-5

C₇H₉N₃O₂
4-Amino-2-hydroxybenzoic acid hydrazide.
Apacizin; Apacizina. Antibacterial (tuberculostatic). mp = 190-200°; slightly soluble in H₂O, more soluble in EtOH.

2572 p-Aminosalicylic Acid Potassium Salt

133-09-5 498 205-090-7

C₇H₆KNO₃
Potassium 4-amino-2-hydroxybenzoate.
Antibacterial (tuberculostatic). *Parke-Davis.*

2573 p-Aminosalicylic Acid Sodium Salt Dihydrate

6108-19-5 498

C₇H₆NNaO₃·2H₂O
Sodium 4-amino-2-hydroxybenzoate dihydrate.
Pamisyl Sodium. Antibacterial (tuberculostatic). Soluble in H₂O (50 g/100 ml); sparingly soluble in Me₂CO; insoluble in Et₂O, CHCl₃, C₆H₆. *Parke-Davis.*

2574 Benzoylpas

13898-58-3 1148

C₁₄H₁₁NO₄
4-(Benzoylamino)-2-hydroxybenzoic acid.
Antibacterial (tuberculostatic). mp = 260-261°. *Wander Pharma.*

2575 Benzoylpas Calcium Salt Pentahydrate

5631-00-5 1148

C₂₈H₂₀CaN₂O₈·5H₂O
Calcium 4-(benzoylamino)-2-hydroxybenzoate pentahydrate.
benzoylpas calcium; Benzapas; Benzacyl; Therapas. Antibacterial (tuberculostatic). *Wander Pharma.*

2576 Benzoylpas Sodium Salt

537-20-2 1148

C₁₄H₁₀NNaO₄
Sodium 4-(benzoylamino)-2-hydroxybenzoate.
BPAS. Antibacterial (tuberculostatic). *Wander Pharma.*

2577 5-Bromosalicylhydroxamic Acid

5798-94-7 1458

C₇H₆BrNO₃

5-Bromo-N,2-dihydroxybenzamide.
Brosalamid; Bromocyl. Antibacterial (tuberculostatic).
Dec 232°; sparingly soluble in H₂O.

2578 Capreomycin

11003-38-6 1801

Capastat. Antibacterial (tuberculostatic). Soluble in H₂O, insoluble in most organic solvents. *Eli Lilly & Co.*

2579 Capreomycin Disulfate

1405-36-3 1801

Caprocin; Ogostal. Antibacterial (tuberculostatic). LD₅₀ (mus iv) = 250 mg/kg, (mus sc) = 514 mg/kg, (rat iv) = 325 mg/kg, (rat sc) = 1191 mg/kg. *Eli Lilly & Co.*

2580 Capreomycin IA

37280-35-6 1801

C₂₅H₄₄N₁₄O₈
Antibacterial (tuberculostatic). mp = 246-248° (dec); [α]_D²² = -21.9° (c = 0.5 H₂O); λ_m 269 nm (ε 24000 0.1N HCl), 268 nm (ε 239000 H₂O), 287 nm (ε 15900 0.1N NaOH). *Eli Lilly & Co.*

2581 Capreomycin IB

33490-33-4 1801

C₂₅H₄₄N₁₄O₇
Antibacterial (tuberculostatic). mp = 253-255° (dec); [α]_D²² = -44.6° (c = 0.5 H₂O); λ_m 268 nm (ε 22700 0.1N HCl), 268 nm (ε 223000 H₂O), 290 nm (ε 14400 0.1N NaOH). *Eli Lilly & Co.*

2582 Clofazimine

2030-63-9 2433 217-980-2

C₂₇H₂₂Cl₂N₄
3-(p-Chloroanilino)-10-(p-chlorophenyl)-2,10-dihydro-2-(isopropylimino)phenazine.
Lamprene; G-30320; NSC-141046. Antibacterial (tuberculostatic). Also leprostatic. mp = 210-212°; λ_m 284, 486 nm (abs. 1.30, 0.64, 0.01M HCl/MeOH); soluble in AcOH, DMF, CHCl₃ (6.6 g/100 ml), EtOH (0.14 g/100 ml), Et₂O (0.1 g/100 ml); insoluble in H₂O; LD₅₀ (mus, rat, gpg orl) > 4000 mg/kg. *Ciba-Geigy Corp.*

2583 Cyacetamide

140-87-4 2751 205-437-2

C₃H₅N₃O
Cyanoacetic acid hydrazide.
Dictyzide; Mackreazid; Armazal; Reacid; Reazide; Hidacian; Leandin; Neohydrazid; Dictycide. Antibacterial (tuberculostatic). mp = 114.5-115°; freely soluble in H₂O. *Labs. O.M.*

2584 Cycloserine

68-41-7 2820 200-688-4

C₃H₆N₂O₂
(+)-4-Amino-3-isoxazolidinone.
Seromycin. Antibacterial (tuberculostatic). Dec 155-156°; [α]_D²³ = 116° (c = 1.17), [α]_D²⁵ = 137° (c = 5 2N NaOH); λ_m 226 nm (E_{1 cm}^{1%} 402); soluble in H₂O; slightly soluble in MeOH, propylene glycol. *Eli Lilly & Co.*

2585 Dihydrostreptomycin

128-46-1 3222 204-888-2

C₂₁H₄₁N₇O₁₂
O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-(hydroxymethyl)-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine.
DHSM; DST; Abiocine; Vibriomycin. Antibacterial (tuberculostatic). mp > 300°. *American Cyanamid; Bristol-Myers Squibb Co.; Merck & Co., Inc.; Olin Research Ctr.; Pfizer Inc.; Takeda; Schenley.*

2586 Dihydrostreptomycin Pantothenate

3563-84-6 3222 222-637-5

C₃₀H₅₈N₈O₁₇
O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-(hydroxymethyl)-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine pantothenate.
Didrothenat; Pantostrep. Antibacterial (tuberculostatic). *American Cyanamid; Bristol-Myers Squibb Co.; Merck & Co., Inc.; Olin Research Ctr.; Pfizer Inc.; Takeda; Schenley.*

2587 Dihydrostreptomycin Sesquisulfate

5490-27-7 3222 226-823-7

C₄₂H₈₈N₁₄O₃₆S₃
O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-(hydroxymethyl)-α-L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine sulfate (2:3) (salt).
Didromycine; Double-Mycin; Sol-Mycin; Strepto-Magma. Antibacterial (tuberculostatic). Dec 255-265°, 250°; [α]_D²⁵ = -88.5° (c = 1); very soluble in H₂O; soluble in 50% MeOH/H₂O (crystals: 0.08 g/100 ml; powder: 10 g/100 ml); at 28° soluble in H₂O (> 2 g/100 ml), MeOH (0.035 g/100 ml), EtOH (0.010 g/100 ml). *American Cyanamid; Bristol-Myers Squibb Co.; Merck & Co., Inc.; Olin Research Ctr.; Pfizer Inc.; Takeda; Schenley.*

2588 Enviomycin

33103-22-9 3636

C₂₅H₄₃N₁₃O₁₀
[[15-(3,6-Diamino-4-hydroxyhexanamido)-3-(hexahydro-2-imino-4-pyrimidinyl)-9,12-bis(hydroxymethyl)-2,5,8,11,14-pentaoxo-1,4,7,10,13-pentaaazacyclohexadec-6-ylidene]methyl]urea.
Tuberactinomycin N. Antibacterial (tuberculostatic). [hydrochloride (C₂₅H₄₆Cl₃N₁₃O₁₀)]: mp > 245° (dec); [α]_D²¹ = -19.1°; λ_m 268 nm (E_{1 cm}^{1%} 342 H₂O or 0.1N HCl), 288 nm (E_{1 cm}^{1%} 215 0.1N NaOH); very soluble in H₂O, slightly soluble in organic solvents; LD₅₀ (mus iv) = 485 mg/kg, (rat iv) = 680 mg/kg. *Toyo Brewing Co.*

2589 Ethambutol

74-55-5 3764 200-810-6

C₁₀H₂₄N₂O₂
(+)-2,2'-(Ethylenediimino)-di-1-butanol.
EMB. Antibacterial (tuberculostatic). mp = 87.5-88.8°; [α]_D²⁵ = 13.7° (c = 2 H₂O); soluble in CHCl₃, CH₂Cl₂; poorly soluble in C₆H₆, H₂O. *Lederle Labs.*

2590 Ethambutol Dihydrochloride

1070-11-7 3764 213-970-7

C₁₀H₂₆Cl₂N₂O₂
(+)-2,2'-(Ethylenediimino)-di-1-butanol dihydrochloride.
Myambutol; CL-40881; Dexambutol; Ebutol; Etibi;

Etapiam; Myambutol; Mycobutol; Sural; Tibutol. Antibacterial (tuberculostatic). mp = 198.5-200.3°, 201.8-202.6°; $[\alpha]_D^{25} = -7.6^\circ$ (c = 2 H₂O); soluble in H₂O, DMSO; sparingly soluble in EtOH; poorly soluble in Me₂CO, CHCl₃. *Lederle Labs.*

2591 Ethionamide

536-33-4 3783 208-628-9
C₈H₁₀N₂S
2-Ethylthioisonicotinamide.
Trecator-SC; 1314-TH. Antibacterial (tuberculostatic).
Dec 164-166°; sparingly soluble in H₂O, Et₂O; slightly
soluble in MeOH, EtOH, propylene glycol; soluble in
Me₂CO, dichloroethane, C₅H₅N. *Wyeth-Ayerst Labs.*

2592 Ftivazide

149-17-7
C₁₄H₁₃N₃O₃
Isonicotinic acid vanillylidenehydrazide.
A tuberculostatic antibiotic.

2593 Furonazide

3460-67-1 4330 222-411-6
C₁₂H₁₁N₃O₂
Isonicotinic acid α -methylfurfurylidene hydrazide.
INF; Furilazone; Clitizina; Menazone. Antibacterial
(tuberculostatic). mp = 206°; λ_m 288, 276, 336 nm ($E_{1\text{ cm}}^{1\%}$
945, 588, 144 95% EtOH), 226, 273, 336 nm ($E_{1\text{ cm}}^{1\%}$
1147, 557, 133 0.1N NaOH); slightly soluble in H₂O,
CHCl₃, Et₂O; soluble in Me₂CO, MeOH, DMF; less
soluble in EtOH; LD₅₀ (frat orl) = 2600 mg/kg, (mrat orl) =
2820 mg/kg.

2594 Glyconiazide

3691-74-5 4510 223-005-1
C₁₂H₁₃N₃O₆
D-Glucuronic acid σ -lactone
1-[(4-pyridinylcarboxyl)hydrazone].
Galatone; Gatalone; Glucazide; Gluconiazide; Gluron-
azide; Guidazide; Hydronsan; INH-G; Mycobactyl.
Antibacterial (tuberculostatic). Dec 150-160°; freely
soluble in H₂O, insoluble in cold EtOH, soluble in
MeOH (1.2 g/100 ml at 66°). *University of California.*

2595 Isoniazid

54-85-3 5203 200-214-6
C₆H₇N₃O
Isonicotinic acid hydrazide.
Dinacrin; Ditubin; INH; Isolyn; Niconyl; Nydrazid;
Rimifon; Tyvid; component of: Rifater. Antibacterial
(tuberculostatic). mp = 171.4°; λ_m 266 nm ($E_{1\text{ cm}}^{1\%}$ 378
H₂O), 265 nm ($E_{1\text{ cm}}^{1\%}$ 420 0.1N HCl); soluble in H₂O (14
g/100 ml at 25°, 26 g/100 ml at 40°), EtOH (2 g/100 ml at
25°, 10 g/100 ml at 76°), CHCl₃ (0.1 g/100 ml); insoluble
in Et₂O, C₆H₆; LD₅₀ (mus ip) = 151 mg/kg, (mus iv) = 149
mg/kg. *Abbott Labs.; Apothecon; Ciba-Geigy Corp.;*
Hoffmann-LaRoche Inc.; Marion Merrell Dow Inc.; Parke-
Davis; Schering Corp.; Sterling Winthrop, Inc.

2596 Isoniazid 4-Aminosalicylate

2066-89-9 5203 218-183-2
C₁₃H₁₄N₄O₄
Isonicotinic acid hydrazide 4-aminosalicylate.

pasiniazide; GEWO-399; Paraniazide; Dipasic.
Antibacterial (tuberculostatic). mp = 142-144°; sparingly
soluble in H₂O; λ_m = 272 303 nm ($E_{1\text{ cm}}^{1\%}$ 550, 445).
Hoffmann-LaRoche Inc.

2597 Isoniazid Methanesulfonate

13447-95-5 5203 236-605-3
C₇H₉N₃O₄S
Isonicotinic acid 2-(sulfomethyl)hydrazine.
Methaniazide. Antibacterial (tuberculostatic). Dec 187-
189°. *Farmitalia Carlo Erba SpA.*

2598 Isoniazid Methanesulfonate Calcium

6059-26-3 5203 227-987-2
C₁₄H₁₆CaN₆O₈S₂
Isonicotinic acid 2-(sulfomethyl)hydrazine calcium salt.
Neo-Tizide. Antibacterial (tuberculostatic). Dec 215-220°.
Farmitalia Carlo Erba SpA.

2599 Isoniazid Methanesulfonate Sodium

3804-89-5 5203 223-275-0
C₇H₈N₃NaO₄S
Isonicotinic acid 2-(sulfomethyl)hydrazine sodium salt.
Neoiscotin. Antibacterial (tuberculostatic). Dec 164-167°.
Farmitalia Carlo Erba SpA.

2600 Metazamide

14058-90-3
C₁₁H₁₂N₂O₂
1-(p-Methoxyphenyl)-5-methyl-4-imidazoline-2-one.
GPA-878. Tuberculostatic agent. Inhibits dehydrogenase
activities.

2601 Metazide

1707-15-9
C₁₃H₁₄N₆O₂
Isonicotinic acid 2,2'-methylenedihydrazide.
Anti-bacterial (tuberculostatic).

2602 Morphazinamide

952-54-5 6355 213-460-4
C₁₀H₁₄N₄O₂
N-(Morpholinomethyl)pyrazinecarboxamide.
Morinamide; B-2310; Morfgazinamide. Antibacterial
(tuberculostatic). mp = 118.5-119.5°; λ_m 269 317 nm (log
 ϵ 3.95, 2.77, EtOH); soluble in H₂O (33 g/100 ml), EtOH
(3.3 g/100 ml), C₆H₆ (3.3 g/100 ml), CHCl₃ (40 g/100 ml).
Bracco Diagnostics.

2603 Morphazinamide Hydrochloride

1473-73-0 6355 216-013-1
C₁₀H₁₅ClN₄O₂
N-(Morpholinomethyl)pyrazinecarboxamide
hydrochloride.
Morinamide hydrochloride; B-2311; Piazofofina;
Piazolin. Antibacterial (tuberculostatic). mp = 196°;
soluble in H₂O (50 g/100 ml), EtOH (0.29 g/100 ml),
CHCl₃ (0.05 g/100 ml). *Bracco Diagnostics.*

2604 Opiniazide

2779-55-7 6984
C₁₆H₁₅N₃O₅
5,6-Dimethoxyphthalaldehydic acid isonicotinoyl
hydrazone.
saluside; saluzide; saliuizid; saluzid. Antibacterial

(tuberculostatic). LD₅₀ (gpg iv) = 1634 mg/kg.

2605 Phenyl Aminosalicylate

133-11-9 7426 205-092-8
 $C_{13}H_{11}NO_3$
 4-Amino-2-hydroxybenzoic acid phenyl ester.
 fenamisol; Phenyl PAS; Phenyl-PAS-Tebamin; Tebamin;
 Tebanyl. Antibacterial (tuberculostatic). mp = 153°,
 soluble in H₂O (0.012 g/100 ml), serum (0.0007 g/100
 ml). Rhône-Poulenc Rorer Pharmaceuticals Inc.

2606 Protionamide

14222-60-7 8076 238-093-7
 $C_9H_{12}N_2S$
 2-Propylthioisonicotinamide.
 TH-1321; RP-9778. Antibacterial (tuberculostatic). mp =
 142°; soluble in EtOH, MeOH; slightly soluble in Et₂O,
 CHCl₃; insoluble in H₂O; LD₅₀ (mus ip) = 1 mg/kg, (rat ip)
 = 1.32 mg/kg, (cat ip) > 1000 mg/kg. Chimie et
 Atomistique.

2607 Pyrazinamide

98-96-4 8140 202-717-6
 $C_5H_5N_3O$
 Pyrazinacarboxamide.
 component of: Rifater. Antibacterial (tuberculostatic). mp
 = 189-191°; λ_m 269 nm (E_{1cm}^{1%} 660); soluble in H₂O (1.5
 g/100 ml), MeOH (1.38 g/100 ml), absolute ethanol (0.57
 g/100 ml), iPrOH (0.38 g/100 ml), Et₂O (0.1 g/100 ml),
 isooctane (0.001 g/100 ml), CHCl₃ (0.74 g/100 ml).
 Marion Merrell Dow Inc.

2608 Rifabutin

72559-06-9 8380
 $C_{46}H_{62}N_4O_{11}$
 (9S,12E,14S,15R,16S,17R,18R,19R,20S,21S,22E,24Z)O6,16
 ,18,20-Tetrahydroxy-1'-isobutyl-14-methoxy-
 7,9,15,17,19,21,25-heptamethylspiro[9,4-
 (epoxypentadeca[1,11,13]trienimino-2H-
 furo[2',3':7,8]naphth[1,2-d]imidazole-2,4'-piperidine]-
 5,10,26(3H,9H)-trione 16-acetate.
 Mycobutin; LM-427. Antibacterial (tuberculostatic). Very
 soluble in CHCl₃, soluble in MeOH, slightly soluble in
 EtOH, insoluble in H₂O; λ_m 493, 315, 274, 238 nm
 (MeOH). Pharmacia & Upjohn, Inc.

2609 Rifampin

13292-46-1 8382 236-312-0
 $C_{43}H_{58}N_4O_{12}$
 5,6,9,17,19,21-Hexahydroxy-23-methoxy-
 2,4,12,16,18,20,22-heptamethyl-8-[N-(4-methyl-1-
 piperazinyl)formimidoyl]-2,7-
 (epoxypentadeca[1,11,13]trienimino)naphtho[2,1-
 b]furan-1,11(2H)-dione 21-acetate.
 Rifadin; Rimactane; component of: Rifater. Antibacterial
 (tuberculostatic). Dec 183-188°; λ_m 237, 255, 334, 475
 nm (ε 33200, 32100, 27000, 175400 pH 7.38); freely
 soluble in CH₃Cl, DMSO; soluble in EtOAc, MeOH, THF;
 slightly soluble in H₂O, Me₂CO, CCl₄; LD₅₀ (mus orl) =
 885 mg/kg, (mus iv) = 260 mg/kg, (mu. Ciba-Geigy Corp.;
 Marion Merrell Dow Inc.; Merrell Pharmaceuticals Inc.

2610 Rifapentine

61379-65-5 8385 262-743-9

$C_{47}H_{64}N_4O_{12}$
 3-[N-(4-Cyclopentyl-1-piperazinyl)formimidoyl]rifamycin.
 MDL-473. Antibacterial (tuberculostatic). mp = 179-180°;
 λ_m 475, 334 nm (ε 15200, 26700); LD₅₀ (mus orl) > 2000
 mg/kg, 3300 mg/kg, (mus ip) = 750 mg/kg, 710 mg/kg.
 Marion Merrell Dow Inc.

2611 Salinazid

495-84-1 8487
 $C_{13}H_{11}N_3O_2$
 1-Isonicotinoyl-2-salicylidinehydrazine.
 Salizid. Antibacterial (tuberculostatic). mp = 232-233°,
 251°; soluble in H₂O (0.005 g/100), EtOH (0.18 g/100
 ml), propylene glycol (0.212 g/100 ml). Parke-Davis.

2612 Streptomycin

57-92-1 8983 200-355-3
 $C_{21}H_{39}N_7O_{12}$
 O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-
 O-5-deoxy-3-C-formyl-α-L-lyxofuranosyl-(1→4)-N,N'-
 bis(aminoiminomethyl)-D-streptamine.
 Antibacterial (tuberculostatic). Olin Research Ctr.

2613 Streptomycin Sesquisulfate

3810-74-0 8983 223-286-0
 $C_{42}H_{84}N_{14}O_{36}S_3$
 O-2-Deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-
 O-5-deoxy-3-C-formyl-α-L-lyxofuranosyl-(1→4)-N,N'-
 bis(aminoiminomethyl)-D-streptamine sulfate (2:3).
 Strycin; component of: Intromycin. Antibacterial
 (tuberculostatic). [α]_D²⁵ = -84°; soluble in H₂O (> 2 g/100
 ml), MeOH (> 2 g/100 ml); poorly soluble in EtOH (0.09
 g/100 ml), iPrOH (0.012 g/100 ml), isoamyl alcohol
 (0.012 g/100 ml), petroleum ether (0.0002 g/100 ml),
 CCl₄ (0.0042 g/100 ml), Et₂O (0.0). Roerig Div., Pfizer
 Pharmaceuticals; Bristol-Myers Squibb Pharmaceutical
 Res. and Dev; Marion Merrell Dow Inc.

2614 Streptonicozid

5667-71-0 8985 227-128-1
 $C_{54}H_{94}N_{20}O_{36}S_3$
 4-Pyridinecarboxylic acid hydrazide hydrazone with O-2-
 deoxy-2-(methylamino)-α-L-glucopyranosyl-(1→2)-O-5-
 deoxy-3-C-α-L-lyxofuranosyl-(→4)-N,N'-
 bis(aminoiminomethyl)-D-streptamine sulfate (2:3) (salt).
 Streptohydrazid. Antibacterial (tuberculostatic). Dec 230°;
 soluble in H₂O (> 2 g/100 ml), EtOH (0.015 g/100 ml),
 CCl₄ (0.0025 g/100 ml), Et₂O (0.031 g/100 ml). Pfizer
 International.

2615 Subathizone

121-55-1 9030 204-480-4
 $C_{10}H_{13}N_3O_2S_2$
 p-Ethylsulfonylbenzaldehyde thiosemicarbazone.
 Antibacterial (tuberculostatic). mp = 234-235° (dec).
 Schenley.

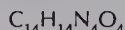
2616 Sulfoniazide

3691-81-4 9132
 $C_{13}H_{11}N_3O_4S$
 4-Pyridinecarboxylic acid
 [(3-sulfophenyl)methylene]hydrazide.
 G-605. Antibacterial (tuberculostatic). Dec 250-253°;
 slightly soluble in H₂O; [sodium salt trihydrate

($C_{13}H_{10}N_3NaO_4S \cdot 3H_2O$; Sulfon-Niazone)): soluble in H_2O (3 g/100 ml). *Tanaka*.

2617 Terizidone

25683-71-0



4,4'-[p-Phenylenebis(methyleneamino)]di-(isoxazolidin-3-one).

terivalidin. A Schiff base of D-cycloserine. Antibacterial (tuberculostatic).

2618 Thiacetazone

104-06-3

9427

203-170-6



4'-Formylacetanilide thiosemicarbazone.

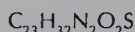
Amithiozone; thibone; Tb I-698; Berculon A; Conteben; Livazone; Mirizone Neustab; Panrone; Seroden; Tebethion; Thiocarbazil; Thioparamizone; Tibione; Tiobicina. Antibacterial (tuberculostatic). Dec 225-230°; λ_m 328 nm (EtOH); soluble in hot EtOH; sparingly soluble in cold EtOH; insoluble in H_2O , Me_2CO , C_6H_6 , CCl_4 , $CHCl_3$, CS_2 , petroleum ether, other organic solvents; LD_{50} (mus sc) = 1000-2000 mg/kg.

2619 Tiocarlide

910-86-1

9593

213-006-5



4,4'-Bis(isopentyloxy)thiocarbanilide.

DATC; thiocarlide; DATC; Datanil; Disocarban; Isoxyl. Antibacterial (tuberculostatic). mp = 134-135°. *Ciba plc*.

2620 Tuberactinomycin

11075-36-8

9935

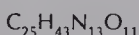
Polypsaptide derived from *Streptomyces griseovorticillatus*. Consists of a mixture of Tuberomycins, A, B, N and O.

Antibacterial (tuberculostatic). [hydrochloride]: mp = 244-264° (dec); $[\alpha]_D^{25}$ = -31.5° (c = 1 H_2O); λ_m = 268 nm ($E_{1\%}^{1\text{cm}}$ 330 H_2O), 268.5 nm ($E_{1\%}^{1\text{cm}}$ 313 1N HCl), 285 nm ($E_{1\%}^{1\text{cm}}$ 206.5 0.1N NaOH); soluble in H_2O , slightly soluble in MeOH; insoluble in EtOH, C_5H_5N , Et_2O , $CHCl_3$, dioxane, Me_2CO , C_6H_6 .

2621 Tuberactinomycin A

33103-21-8

9935



1-[(3R,4R)-4-Hydroxy-L-3,6-diaminohexanoic acid]viomycin.

Antibacterial (tuberculostatic).

2622 Tuberactinomycin O

33137-73-4

9935



(R)-6-[L-2-(2-Amino-1,4,5,6-tetrahydro-4-pyrimidinyl)glycine]viomycin.

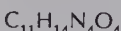
Antibacterial (tuberculostatic).

2623 Tubercidin

69-33-0

9936

200-703-4



7-β-D-Ribofuranosyl-7H-pyrrolo[2,3-d]pyrimidin-4-amine.

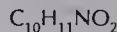
7-deazaadenosine; sparsamycin A; U-10071. Antibacterial (tuberculostatic). Antifungal and

antineoplastic. Dec 247-248°; $[\alpha]_D^{17}$ = -67° (50% AcOH); λ_m 270 nm (ϵ 12,100 0.01N NaOH); soluble in H_2O (0.3 g/100 ml), MeOH (0.5 g/100 ml), EtOH (0.05 g/100 ml); insoluble in Me_2CO , EtOAc, $CHCl_3$, C_6H_6 , petroleum ether; LD_{50} (mus iv) = 45 mg/kg.

2624 Tuberin

53643-53-1

9938



N-[2-(4-Methoxyphenyl)ethenyl]formamide.

N-formyl-trans-p-methoxystyrylamine.

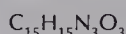
Antibacterial

(tuberculostatic). mp = 132-133°; λ_m 219, 285 nm ($E_{1\%}^{1\text{cm}}$ 870, 1710, MeOH); soluble in MeOH, EtOH, EtOAc, Me_2CO ; moderately soluble in CCl_4 , $CHCl_3$; sparingly soluble in H_2O , C_6H_6 ; insoluble in petroleum ether.

2625 Verazide

93-47-0

10091



1-Isonicotinoyl-2-veratrylidenehydrazine.

Antibacterial (tuberculostatic). mp = 189-190°.

2626 Viomycin

32988-50-4

10139

251-323-0

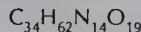


Celiomycin; florimycin; tuberactinomycin B. Antibacterial (tuberculostatic). *Ciba plc*.

2627 Viomycin Pantothenate Sulfate

1401-79-2

10139



Vionactan; Viothenate. Antibacterial (tuberculostatic). mp = 242° (dec). *Grünenthal*.

2628 Viomycin Sulfate

37883-00-4

10139



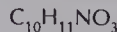
Viocin. Antibacterial (tuberculostatic). mp = 266° (dec); $[\alpha]_D^{18}$ = -29.5° (c = 1 H_2O); λ_m 268 nm (log ϵ 4.4 H_2O or 0.1N HCl or 0.1N NaOH); LD_{50} (mus iv) = 240 mg/kg, (mus sc) = 1750 mg/kg; soluble in H_2O , insoluble in most organic solvents. *Ciba plc*.

Antibacterial Adjuncts

2629 Betamipron

3440-28-6

1227



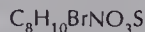
N-Benzoyl-β-alanine.

CS-443. Antibacterial. A β-lactamase inhibitor. mp = 120°, 133°; readily soluble in hot H_2O , $CHCl_3$; soluble in EtOH, Et_2O , Me_2CO ; LD_{50} (rat iv) > 3000 mg/kg. *Sankyo*.

2630 Brobactam

26631-90-3

247-856-3



(2S,5R,6R)-6-Bromo-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

A β-lactamase inhibitor, used as an adjunct to penicillin therapy.

2631 Cilastatin

82009-34-5

2331



[R-[(R*,S*(Z))-7-[(2-Amino-2-carboxyethyl)thio]-2-[(2,2-dimethylcyclopropyl)carbonyl]amino]-2-heptenoic acid, MK-791. Used in combination with Imipenem, an antibacterial. A dipeptidase I inhibitor which prevents renal metabolism of penem and carbapenem antibiotics. Merck & Co., Inc.

2632 Cilastatin Sodium salt

81129-83-1

2331



[R-[(R*,S*(Z))-7-[(2-Amino-2-carboxyethyl)thio]-2-[(2,2-dimethylcyclopropyl)carbonyl]amino]-2-heptenoic acid hydrochloride.

Cilastatin Sodium. Used in combination with Imipenem, an antibacterial. A dipeptidase I inhibitor which prevents renal metabolism of penem and carbapenem antibiotics.

Very soluble in H_2O , MeOH. Merck & Co., Inc.

2633 Clavulanic acid

58001-44-8

261-069-2

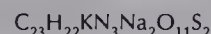


3-(2-Hydroxyethylidene)-7-oxo-4-oxa-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

MM-14151. Antibacterial. A β -lactamase inhibitor. SmithKline Beecham Pharmaceuticals.

2634 Clavulanic Acid Potassium Salt combined with Ticarcillin Disodium

116876-37-0



Potassium 3-(2-hydroxyethylidene)-7-oxo-4-oxa-1-azabicyclo[3.2.0]heptane-2-carboxylate combined with ticarcillin sodium.

Betabactil; Timentin. Antibacterial. A β -lactamase inhibitor. SmithKline Beecham Pharmaceuticals.

2635 Sulbactam

68373-14-8

9058

269-878-2



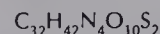
(2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]-heptane-2-carboxylic acid.

CP-45899-2; Betamaze; penicillanic acid sulfone; penicillanic acid 1,1-dioxide. Antibacterial. A β -lactamase inhibitor. mp = 148-151°; $[\alpha]_D^{20}$ = 251° (c = 0.01 in pH 5 buffer). Roerig Div., Pfizer Pharmaceuticals; Pfizer Inc.

2636 Sulbactam Benzathine

83031-43-0

9058



(2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]-heptane-2-carboxylic acid compound with N,N'-dibenzylethylenediamine.

CP-45899-99. Antibacterial. A β -lactamase inhibitor. Pfizer Inc.

2637 Sulbactam Pivoxil

69388-79-0

9058



(2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]-heptane-2-carboxylic acid 4,4-dioxide (2,2-dimethyl-1-oxopropoxy)methyl ester.

penicillanic acid sulfone; penicillanic acid 1,1-dioxide;

CP-45899; Unasyn® Oral. Antibacterial. A β -lactamase inhibitor. Pfizer International.

2638 Sulbactam Sodium

69388-84-7

9058

273-984-4



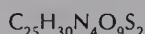
(2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]-heptane-2-carboxylic acid sodium salt.

CP-45899-2; component of: Unasyn. Antibacterial. A β -lactamase inhibitor. Roerig Div., Pfizer Pharmaceuticals.

2639 Sultamicillin

76497-13-7

9166



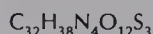
[2S-[2 α (2R*,5S*),5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)-amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]-heptane-2-carboxylic acid [[[3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy]methyl ester S,S-dioxide.

CP-49952; VD-1827; sultamicillin. Antibacterial. A β -lactamase inhibitor. Pfizer Inc.

2640 Sultamicillin Tosylate

83105-70-8

9166



[2S-[2 α (2R*,5S*),5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)-amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]-heptane-2-carboxylic acid [[[3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy]methyl ester S,S-dioxide tosylate.

Bacimex; Bethacil orale; Unacid PD oral; Unacim orale; Unasyn. Antibacterial. A β -lactamase inhibitor. Pfizer Inc.

2641 Tazobactam

89786-04-9

9251



[2S-(2 α ,3 β ,5 β)]-3-Methyl-7-oxo-3-(1H-1,2,3-triazol-1-ylmethyl)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4 dioxide.

YTR-830H; CL-298741. Antibacterial. A β -lactamase inhibitor. Taiho.

2642 Tazobactam Sodium

89785-84-2

9251



[2S-(2 α ,3 β ,5 β)]-3-Methyl-7-oxo-3-(1H-1,2,3-triazol-1-ylmethyl)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4 dioxide sodium salt.

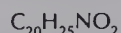
YTR-830; CL-307579; component of: Zosyn. Antibacterial. A β -lactamase inhibitor. mp > 170° (dec). Lederle Labs.; Taiho.

Anticholinergics**2643 Adiphenine**

64-95-9

160

200-599-0



2-(Diethylamino)ethyl diphenylacetate.

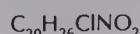
Trasentine; Diphacil; Difacil. Anticholinergic. Smooth muscle relaxant. Ciba-Geigy Corp.

2644 Adiphenine Hydrochloride

50-42-0

160

200-036-9



2-(Diethylamino)ethyl diphenylacetate hydrochloride.

NSC-129224; Trasentine hydrochloride; Diphacil hydrochloride; Spasmolytin; Difacil hydrochloride; Patrovina. Anticholinergic. Smooth muscle relaxant. mp = 113-114°; freely soluble in H₂O; sparingly soluble in EtOH, Et₂O. *Ciba-Geigy Corp.*

2645 Adiphenine Methobromide

6113-04-8 160 228-077-8

C₂₁H₂₈BrNO₂

2-(Diethylamino)ethyl diphenylacetate methobromide.

Lunal. Anticholinergic. Smooth muscle relaxant. LD₅₀ (rbt iv) = 22.7-27.5 mg/kg. *Ciba-Geigy Corp.*

2646 Alverine

150-59-4 386 205-763-5

C₂₀H₂₇N

N-Ethyl-3,3'-diphenyldipropylamine.

Anticholinergic. bp_{0.3} = 165-168°, bp₁₃ = 210-215°.

2647 Alverine Citrate

5560-59-8 386 226-929-3

C₂₆H₃₅NO₇

N-Ethyl-3,3'-diphenyldipropylamine citrate.

NF XIII; Antispasmin; Calmabel; Gamatran; Profenine; Prophelan; Proverine; Spacolin; Spasmaverine; Spasmonal. Anticholinergic. Freely soluble in H₂O.

2648 Ambutonium

14007-49-9 406

C₁₉H₂₄N₂O

(3-Carbamoyl-3,3-diphenylpropyl)ethyl dimethylamine.

Anticholinergic.

2649 Ambutonium Bromide

115-51-5 406 204-093-0

C₂₀H₂₇BrN₂O

(3-Carbamoyl-3,3-

diphenylpropyl)ethyl dimethylammonium bromide.

R-100. Anticholinergic. mp = 228-229°.

2650 Aminopentamide

60-46-8 479 200-479-8

C₁₉H₂₄N₂O

α-[2-(Dimethylamino)propyl]-α-phenylbenzeneacetamide.

BL-139; Centrine; Valeramide-OM. Anticholinergic. Also has anti-emetic and anticonvulsant properties. [dl form]: mp = 183-184°; insoluble in H₂O; [d form]: mp = 136.5-137.5°; [α]_D²³ = 98.9° (MeOH); [l form]: mp = 136.5-137.5°; [α]_D²³ = -101.9° (MeOH). *Bristol-Myers Squibb Co.*

2651 Aminopentamide Sulfate

479

C₁₉H₂₆N₂O₅S

α-[2-(Dimethylamino)propyl]-α-phenylbenzeneacetamide sulfate.

NND-1962. Anticholinergic. Also has anti-emetic and anticonvulsant properties. [dl form]: mp = 190-191° (dec); soluble in H₂O, EtOH; LD₅₀ (mus iv) = 34.7 mg/kg, (mus orl) = 396 mg/kg; [dl form acid sulfate]: mp = 185-187°; [medicinal grade]: mp = 178-181°; λ_m = 258.5 nm (A_{1 cm}^{1%} 10.3 1% H₂SO₄); freely soluble in H₂O, EtOH; slightly soluble in CHCl₃; insoluble in Et₂O. *Bristol-Myers*

Squibb Co.

2652 Amixetrine

24622-72-8 514

C₁₇H₂₇NO

1-[β-(Isopentyloxy)phenethyl]pyrrolidine.

Anticholinergic with analgesic properties. bp₂ = 121°. C.E.R.M.

2653 Amixetrine Hydrochloride

24622-52-4 514 246-365-1

C₁₇H₂₈ClNO

1-[β-(Isopentyloxy)phenethyl]pyrrolidine hydrochloride.

Somagest. Anticholinergic with analgesic properties. mp = 150°. C.E.R.M.

2654 Amprotropine

148-32-3 632

C₁₈H₂₉NO₃

3-(Diethylamino)-2,2-dimethylpropyl ester.

Anticholinergic.

2655 Amprotropine Phosphate

134-53-2 632

C₁₈H₃₂NO₇P

3-(Diethylamino)-2,2-dimethylpropyl ester phosphate (salt).

Syntropan. Anticholinergic. mp = 142-145°; soluble in H₂O; slightly soluble in EtOH; insoluble in CHCl₃, Et₂O.

2656 Anisotropine Methylbromide

80-50-2 709 201-285-6

C₁₇H₃₂BrNO₂

3α-Hydroxy-8-methyl-1αH,5αH-tropanium bromide 2-propylvalerate.

Valpin 50; Lytispasm; octatropine methylbromide. Anticholinergic. mp = 329°. *DuPont Merck Pharmaceutical Co.; Endo.*

2657 Apoatropine

500-55-0 780 207-906-7

C₁₇H₂₁NO₂

1αH,5αH-Tropan-3α-ol atropate.

Atropamine; atropyltropine. Anticholinergic. Natural product. mp = 62°; freely soluble in EtOH, Et₂O, CHCl₃, C₆H₆, CS₂; poorly soluble in petroleum ether, i-AmOH; LD₅₀ (mus orl) = 160 mg/kg, (mus ip) = 14.1 mg/kg.

2658 Apoatropine Hydrochloride

5978-81-4 780 227-779-1

C₁₇H₂₂ClNO₂

1αH,5αH-Tropan-3α-ol atropate hydrochloride.

Anticholinergic, used as an anti-spasmodic. mp = 239°; soluble in hot H₂O, EtOH, Me₂CO; insoluble in Et₂O.

2659 Apoatropine Sulfate Pentahydrate

780

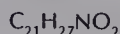
C₃₄H₄₄N₂O₈·5H₂O

1αH,5αH-Tropan-3α-ol atropate sulfate (2:1) (salt).

Anticholinergic, used as an anti-spasmodic. Sparingly soluble in H₂O.

2660 Aprofene

3563-01-7



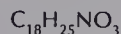
2-Diethylaminoethyl 2,2-diphenylpropionate.

An irreversible antagonist for muscarinic receptors. Anticholinergic.

2661 Atropine

428-07-9

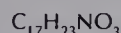
5491

(-)-3 α -Tropanyl 2-methyl-2-phenylhydracrylate.Levomepate; Dispan. Anticholinergic, used as an anti-spasmodic. [hydrochloride]: mp = 210-212°; $[\alpha]_D^{20}$ = -6.8°. *Gruppo Lepetit S.p.A.***2662 Atropine**

51-55-8

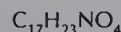
907

200-104-8

1 α H,5 α H-Tropan-3 α -ol ($\pm$)-tropate (ester).tropine tropate; dl-tropanyl tropate. Anticholinergic. mp = 114-116°; soluble in H₂O (0.22 g/100 ml at 25°, 11.1 g/100 ml at 80°), EtOH (50 g/100 ml at 25°, 83.3 g/100 ml at 60°), glycerol (3.7 g/100 ml), Et₂O (4 g/100 ml), CHCl₃ (100 g/100 ml), C₆H₆; LD₅₀ (rat orl) = 750 mg/kg.**2663 Atropine Oxide**

4438-22-6

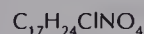
908

1 α H,5 α H-Tropan-3 α -ol ($\pm$)-tropate (ester) 8-oxide.atropine-N-oxide; atropine aminoxide; genatropine; aminoxytropine tropate. Anticholinergic. mp = 127-128°, dec 135°; soluble in EtOH, CHCl₃; insoluble in Et₂O.**2664 Atropine Oxide Hydrochloride**

4574-60-1

908

224-959-1

1 α H,5 α H-Tropan-3 α -ol ($\pm$)-tropate (ester) 8-oxide hydrochloride.

Tropinox, Xtro. Anticholinergic. mp = 192-193°.

2665 Atropine Sulfate [anhydrous]

55-48-1

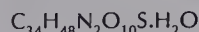
908

200-235-0

1 α H,5 α H-Tropan-3 α -ol ($\pm$)-tropate (ester) sulfate (2:1) (salt).Benzeneacetic acid, α -(hydroxymethyl)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester endo-(+)-, sulfate (2:1) (salt); Atropisol; Atropisol; Atropisol® Ophthalmic Solution. Anticholinergic. Anticholinergic, mydriatic. Used in pre-anesthetic medication. Veterinary use is as an anti-spasmodic and as an antidote for organophosphorus insecticide poisoning. mp = 190-194°; soluble in H₂O (2.5 g/ml), less soluble in organic solvents; LD₅₀ (rat orl) = 622 mg/kg.**2666 Atropine Sulfate Monohydrate**

5908-99-6

908

1 α H,5 α H-Tropan-3 α -ol ($\pm$)-tropate (ester) sulfate (2:1) (salt) monohydrate.

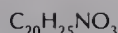
Anticholinergic.

2667 Benactyzine

302-40-9

1055

206-123-8



Diethyl(2-hydroxyethyl)amine benzilate.

Anticholinergic and antidepressant. mp = 51°. *American Cyanamid.***2668 Benactyzine Hydrochloride**

57-37-4

1055

200-324-4

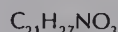


2-Diethylamino benzilate hydrochloride.

AY-5406-1; Actozine; Amizil; Arcadine; Cafron; Cedad; Cevanol; Fobex; Ibiotyzil; Lucidil; Nervacton; Neuroleptone; Nutinal; Parasan; Parpon; Suavitil; Tranquillin. Anticholinergic with antidepressant properties. mp = 177-178°; soluble in H₂O (14.9 g/100 ml at 25°), insoluble in Et₂O. *American Cyanamid.***2669 Benapryzine**

22487-42-9

1057

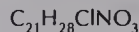


2-(Ethylpropylamino)ethyl benzilate.

Anticholinergic. *Beecham Research Labs.***2670 Benapryzine Hydrochloride**

3202-55-9

1057

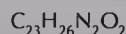


2-(Ethylpropylamino)ethyl benzilate hydrochloride.

AP-1288; BRL-1288. Anticholinergic. mp = 164-166°; LD₅₀ (mus sc) = 400 mg/kg, (mus orl) = 500 mg/kg. *Beecham Research Labs.***2671 Benzetimide**

119391-55-8

1104



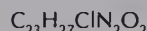
2-(1-Benzyl-4-piperidyl)-2-phenylglutarimide.

Anticholinergic. mp = 156-159°; [l form]: mp = 180.5-182°; $[\alpha]_D^{20}$ = -124° (CHCl₃); LD₅₀ (mus iv) = 38.5 mg/kg; [d form]: dextetimide. *Janssen Pharmaceutical Inc.***2672 Benzetimide Hydrochloride**

5633-14-7

1104

227-072-8



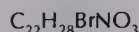
2-(1-Benzyl-4-piperidyl)-2-phenylglutarimide hydrochloride.

Dioxatrine; R-4929; Spasmentral. Anticholinergic. Anticholinergic. In veterinary medicine used as an antidiarrheal. mp = 299-301.5°; LD₅₀ (rat orl) = 37.6 mg/kg, (rat iv) = 46.0 mg/kg, (mus orl) = 37.6 mg/kg, (mus iv) = 46.0 mg/kg. *Janssen Pharmaceutical Inc.***2673 Benzilonium Bromide**

1050-48-2

1110

213-885-5



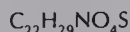
1,1-Diethyl-3-[(hydroxydiphenylacetyl)oxy]pyrrolidinium bromide.

Cl-379; PU-239; Minelsin; Portyn; Ulcoban; Minelcin; Minelco; Ortyn; Ortyn retard; Partyn; Pirbenina; Pyrbenine. Anticholinergic. mp = 203-204°; LD₅₀ (rat orl) = 1.86 g/kg. *Parke-Davis.***2674 Benztropine Mesylate**

132-17-2

1156

205-048-8

3 α -(Diphenylmethoxy)-1 α H,5 α H-tropane methanesulfonate.

Cogentin; Cogentinel; Cobrentin methanesulfonate.

Anticholinergic. Antiparkinsonian. mp = 143°; λ_m = 259 nm (E_m 437); soluble in H_2O . *Apothecon; Merck & Co., Inc.*

2675 Benzydamine

642-72-8 1157 211-388-8
 $C_{19}H_{23}N_3O$
 1-Benzyl-3-[3-(dimethylamino)propoxy]-1H-indazole.
 benzindamine. Anticholinergic. bp_{0.05} = 160°. *3M Pharmaceuticals.*

2676 Benzydamine Hydrochloride.

132-69-4 1157 205-076-0
 $C_{19}H_{24}ClN_3O$
 1-Benzyl-3-[3-(dimethylamino)propoxy]-1H-indazole monohydrochloride.
 Diffiam Oral Rinse; Diffiam Cream; AP-1288; BRL-1288; Afloben; Andolex; Benalgin; Benzyrin; Diffiam; Dorinamin; Enzamin; Imotryl; Ririlim; Riripen; Salyzoron; Saniflor; Tamas; Tantum; Verax. Anticholinergic. mp = 160°; λ_m = 306 nm ($E_{1\text{ cm}}^{1\%}$ 160); soluble in H_2O , polar organic solvents; LD₅₀ (rat orl) = 1050 mg/kg, (rat ip) = 100 mg/kg, (mus orl) = 515 mg/kg, (mus ip) = 110 mg/kg. *3M Pharmaceuticals.*

2677 Bevonium

33371-53-8 1239
 $C_{21}H_{25}NO_3$
 2-(Hydroxymethyl)-1-methylpiperidinium benzilate.
 Anticholinergic with antispasmodic and bronchodilating properties. *Grünenthal.*

2678 Bevonium Metilsulfate

5205-82-3 1239 226-001-8
 $C_{23}H_{31}NO_7S$
 2-(Hydroxymethyl)-1,1-dimethylpiperidinium methyl sulfate benzilate.
 CG-201; Acabel. Anticholinergic with antispasmodic and bronchodilating properties. mp = 134-135°. *Grünenthal.*

2679 Biperiden

514-65-8 1274 208-184-6
 $C_{21}H_{29}NO$
 α -5-Norbornen-2-yl- α -phenyl-1-piperidinepropanol.
 KL-373; Biperiden; 3-piperidino-1-phenyl-1-bicycloheptenyl-1-propanol; Akineton. Anticholinergic. Antiparkinsonian. mp = 112-116°, 101°; slightly soluble in H_2O , EtOH; readily soluble in MeOH. *Knoll Pharmaceutical Co.*

2680 Biperiden Hydrochloride

1235-82-1 1274 214-976-2
 $C_{21}H_{30}ClNO$
 α -5-Norbornen-2-yl- α -phenyl-1-piperidinepropanol hydrochloride.
 Akineton hydrochloride; Akineton; Akinophyl. Anticholinergic. Antiparkinsonian. mp = 275° (dec), 238°; LD₅₀ (mus orl) = 545 mg/kg, (mus iv) = 56 mg/kg. *Knoll Pharmaceutical Co.*

2681 Biperiden Lactate

7085-45-2 1274 230-388-9
 $C_{24}H_{35}NO_4$
 α -5-Norbornen-2-yl- α -phenyl-1-piperidinepropanol lactate.

Akineton lactate. Anticholinergic. *Knoll Pharmaceutical Co.*

† 2682 Bornaprine

20448-86-6
 $C_{21}H_{31}NO_2$
 3-(Diethylamino)propyl
 2-phenyl-2-norbornanecarboxylate.
 Anticholinergic.

2683 Butropium Bromide

29025-14-7 1569 249-375-4
 $C_{28}H_{38}BrNO_4$
 8-(p-Butoxybenzyl)-3 α -hydroxy-1 α H,5 α H-tropanium bromide (-)-tropate.
 Coliopan; BHB. Anticholinergic and antispasmodic. mp = 166-168°, 158-160°; [α]_D²⁰ = -21.7° (c = 0.5 H_2O); soluble in AcOH, $CHCl_3$, DMF; less soluble in EtOH, H_2O ; insoluble in Me_2CO , Et_2O , C_6H_6 ; LD₅₀ (mmus orl) = 1500 mg/kg, (mmus sc) = 660 mg/kg, (mmus iv) = 12.0 mg/kg. *Eisai.*

2684 N-Butylscopolammonium Bromide

149-64-4 1624 205-744-1
 $C_{21}H_{30}BrNO_4$
 8-Butyl-6 β ,7 β -epoxy-3 α -hydroxy-1 α H,5 α H-tropanium bromide (-)-tropate.
 Amisepan; Buscapina; Buscol; Buscolysin; Buscopan; Butylmin; Donopon; Monospan; Scobro; Scobron; Scobutil; Sparicon; Sporamin; Stibron; Tirantil. Anticholinergic. mp = 142-144°; [α]_D²⁰ = -20.8° (c = 3 H_2O); LD₅₀ (mus iv) = 15.6 mg/kg, (mus ip) = 74 mg/kg, (mus sc) = 570 mg/kg, (mus orl) = 3000 mg/kg. *Boehringer Ingelheim GmbH.*

2685 Butynamine

3735-65-7
 $C_{10}H_{19}N$
 N-tert-Butyl-N,1,1-trimethyl-2-propynylamine.
 A muscarinic cholinergic receptor antagonist.
 Anticholinergic.

2686 Buzepide Metiodide

15351-05-0 1635 239-383-6
 $C_{23}H_{31}IN_2O$
 1-(3-Carbamoyl-3,3-diphenylpropyl)perhydro-1-methylazepinium iodide.
 F.I. 6146; metazepium iodide; diphexamide methiodide. Anticholinergic. mp = 212-213° (dec); [buzepide]; mp = 141.5-143.5°. *N.V. Nederlandsche Comb. Chem. Ind.*

2687 Camylofine

54-30-8 1784 200-202-0
 $C_{19}H_{32}N_2O_2$
 N-[2-(Diethylamino)ethyl]-2-phenylglycine isopentyl ester.
 acamylophenine; Adopon; Avadyl; Belosin; Navadyl; Novospasmin; Sintespasml; Spasmocan. Anticholinergic. bp_{1.5} = 174-178°, bp₄ = 165-180°. *Astra Sweden.*

2688 Camylofine Dihydrochloride

5892-41-1 1784 227-571-0
 $C_{19}H_{34}Cl_2N_2O_2$
 N-[2-(Diethylamino)ethyl]-2-phenylglycine isopentyl ester dihydrochloride.

Avacan. Anticholinergic. mp = 174-178°, 172°, 173°; soluble in H₂O; LD₅₀ (mus orl) = 760 mg/kg, (mus sc) = 1350 mg/kg, (mus iv) = 49.2 mg/kg. *Astra Sweden.*

2689 Caramiphen

77-22-5 1820 201-013-6

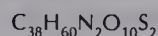


2-Diethylaminoethyl 1-phenylcyclopentane-1-carboxylate.

Anticholinergic. bp_{0.07} = 112-115°. *Ciba-Geigy Corp.*

2690 Caramiphen Ethanedisulfonate

125-86-0 1820 204-759-0

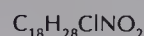


2-Diethylaminoethyl 1-phenylcyclopentane-1-carboxylate ethanedisulfonate.

Alcopon; Taoryl; Toryn. Anticholinergic. mp = 115-116°; soluble in H₂O. *Ciba-Geigy Corp.*

2691 Caramiphen Hydrochloride

125-85-9 1820 204-758-5

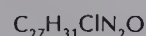


2-Diethylaminoethyl 1-phenylcyclopentane-1-carboxylate hydrochloride.

Panparnit; Parpanit. Anticholinergic. mp = 145-146°; soluble in EtOH, slightly soluble in H₂O; LD₅₀ (rat ip) = 209 mg/kg. *Ciba-Geigy Corp.*

2692 Chlorbenzoxamine

522-18-9 2125 208-323-0

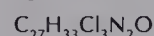


1-[2-(o-Chloro-α-phenylbenzyloxy)ethyl]-4-o-methylbenzylpiperazine.

Anticholinergic. bp_{0.01} = 234-236°, bp_{0.005} = 235°.

2693 Chlorbenzoxamine Dihydrochloride

5576-62-5 2125 226-951-3

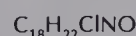


1-[2-(o-Chloro-α-phenylbenzyloxy)ethyl]-4-o-methylbenzylpiperazine dihydrochloride.

Libratar; Antiulcera Master; Gastomax. Anticholinergic. mp = 197-200°; soluble in MeOH, EtOH, CHCl₃; sparingly soluble in H₂O, Me₂CO; insoluble in CH₃CN, C₆H₆, Et₂O; LD₅₀ (rat sc) = 4000 mg/kg, (rat iv) = 66 mg/kg, (mus orl) = 1400 mg/kg.

2694 Chlorphenoxamine

77-38-3 2234



2-[1-(4-Chlorophenyl)-1-phenylethoxy]-N,N-dimethylethanamine.

Anticholinergic. Anticholinergic agent. bp_{0.05} = 150-155°. *Marion Merrell Dow Inc.*

2695 Chlorphenoxamine Hydrochloride

562-09-4 2234 209-227-1



2-[1-(4-Chlorophenyl)-1-phenylethoxy]-N,N-dimethylethanamine hydrochloride.

Systral; 1766; Clorevan; Contristamine; Phenoxene; Phenoxine. Anticholinergic. mp = 128°; soluble in H₂O. *Marion Merrell Dow Inc.*

2696 Chlorphentermine

461-78-9 2235 207-314-9



4-Chloro-α,α-dimethylbenzeneethanamine.

clorfentermina; Lucofen; Teramine. Anorexic and anticholinergic. bp₂ = 100-102°. *Parke-Davis.*

2697 Chlorphentermine Hydrochloride

151-06-4 2235 205-782-9

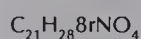


4-Chloro-α,α-dimethylbenzeneethanamine hydrochloride.

Pre-Sate; S-62; W-2426; NSC-76098. Anorexic and anticholinergic. mp = 234°; soluble in H₂O (> 20 g/100 ml), LD₅₀ (mus orl) = 270 mg/kg, (mus sc) = 267 mg/kg. *Parke-Davis.*

2698 Cimetropium Bromide

51598-60-8 2338

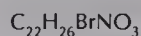


8-(Cyclopropylmethyl)-6β,7β-epoxy-3α-hydroxy-1αH,5αH-tropanium bromide (-)-(S)-tropate.

DA-3177; Alginor. Anticholinergic and antispasmodic. mp = 174°; [α]_D²⁰ = -18.3° (c = 3). *DeAngeli.*

2699 Clidinium Bromide

3485-62-9 2412 222-471-3

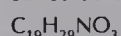


3-Hydroxy-1-methylquinuclidinium bromide benzilate.

Quarzan; Ro-2-3773; component of: Librax. Anticholinergic. mp = 240-241°. *Hoffmann-LaRoche Inc.*

2700 Cyclodrine

52109-93-0 2788

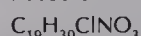


2-Phenyl-2-(1-hydroxycyclopentyl)acetic acid β-diethylamino)ethyl ester.

Anticholinergic. *University of Michigan.*

2701 Cyclodrine Hydrochloride

78853-39-1 2788

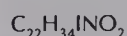


2-Phenyl-2-(1-hydroxycyclopentyl)acetic acid β-diethylamino)ethyl ester hydrochloride.

GT-92; Cyclopent. Anticholinergic. mp = 133-135°. *University of Michigan.*

2702 Cyclonium Iodide

6577-41-9 2806

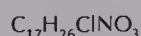


1-(2-Phenyl-2-cyclohexyl-1,3-dioxolan-4-yl)methyl 1-methylpiperidinium iodide.

Anticholinergic.

2703 Cyclopentolate Hydrochloride

5870-29-1 2815 227-521-8



2-(Dimethylamino)ethyl 1-hydroxy-α-phenylcyclopentane acetate hydrochloride.

Cyclogyl; component of cyclomydril. Anticholinergic. Anticholinergic (ophthalmic). mp = 137-141°; freely soluble in H₂O, EtOH; insoluble in Et₂O. *Alcon Labs.*

2704 Cycrimine

77-39-4 2825 201-024-6

 $C_{19}H_{29}NO$ α -Cyclopentyl- α -phenyl-1-piperidinepropanol.
Pagitane. Anticholinergic. *Eli Lilly & Co.***2705 Cycrimine Hydrochloride**

126-02-3 2825 204-764-8

 $C_{19}H_{30}ClNO$ α -Cyclopentyl- α -phenyl-1-piperidinepropanol
hydrochloride.Pagitane hydrochloride. Anticholinergic. mp = 241-244°
(dec); soluble in H_2O (0.6 g/100 ml), EtOH (2.0 g/100ml),
 $CHCl_3$ (3.0 g/100 ml). *Eli Lilly & Co.***2706 Darifenacin**

133099-04-4

 $C_{28}H_{30}N_2O_2$ (S)-1-[2-(2,3-Dihydro-5-benzofuranyl)ethyl]- α,α -
diphenyl-3-pyrrolidineacetamide.

A muscarinic antagonist used as an anticholinergic agent.

2707 Deptropine

604-51-3 2958 210-069-0

 $C_{23}H_{27}NO$ 3-[10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-
yloxy]tropine.dibenzheptropine. Anticholinergic and antihistaminic.
[maleate]: mp = 133-136°.**2708 Deptropine Citrate**

2169-75-7 2958 218-516-1

 $C_{29}H_{35}NO_8$ 3-[10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-
yloxy]tropine citrate.

BS-6987; Brontine. Anticholinergic and antihistaminic.

LD₅₀ (mus iv) = 32 mg/kg, (mus orl) = 300 mg/kg.**2709 Dextetimide**

21888-98-2 2987

 $C_{23}H_{26}N_2O_2$

(+)-2-(1-Benzyl-4-piperidyl)-2-phenylglutarimide.

Anticholinergic and anti-Parkinsonian. mp = 181-183°;
[α]_D²⁰ = 125° ($CHCl_3$). *Janssen Pharmaceutical, Belgium.***2710 Dextetimide Hydrochloride**

21888-96-0 2987 244-633-2

 $C_{23}H_{27}ClN_2O_2$ (+)-2-(1-Benzyl-4-piperidyl)-2-phenylglutarimide
hydrochloride.R-16470; Tremblex. Anticholinergic and anti-
Parkinsonian. mp = 270-275°; [α]_D²⁰ = 125° (MeOH); LD₅₀
(rat iv) = 45 mg/kg. *Janssen Pharmaceutical, Belgium.***2711 Dibutoline Sulfate**

532-49-0 3082

 $C_{30}H_{66}N_4O_8S$ 2-[[[(Dibutylamino)carbonyl]oxy]-N-ethyl-N,N-
dimethylethanaminium sulfate (2:1).dibuline sulfate. Anticholinergic. Unstable at 100° in
 H_2O .**2712 Dicyclomine**

77-19-0 3147 201-009-4

 $C_{19}H_{35}NO_2$

2-(Diethylamino)ethyl bicyclohexyl-1-carboxylate.

Dicycloverine. Anticholinergic. *Marion Merrell Dow Inc.***2713 Dicyclomine Hydrochloride**

67-92-5 3147 200-671-1

 $C_{19}H_{36}ClNO_2$ 2-(Diethylamino)ethyl bicyclohexyl-1-carboxylate
hydrochloride.Atumin; Benacol; Bentomine; Bently Hydrochloride;
Bentylol Hydrochloride; Diocyl Hydrochloride; Di-
Syntramine; Dyspas; Mamiesan; Merbentyl; Procyclomin;
Wyovin Hydrochloride. Anticholinergic. mp = 164-166°;
soluble in H_2O (25 g/100 ml). *Marion Merrell Dow Inc.***2714 Diethazine**

60-91-3 3157 200-491-3

 $C_{18}H_{22}N_2S$

10-(2-Diethylaminoethyl)phenothiazine.

RP-2987; Deparkin; Dinezin; Dolisina; Eazaminum;
Ethylemin; Parkazin. Anticholinergic and anti-
Parkinsonian. bp_{4.5} = 195-208°, bp_{0.4-0.5} = 167-175°.**2715 Diethazine Hydrochloride**

341-70-8 3157 206-437-5

 $C_{18}H_{23}ClN_2S$

10-(2-Diethylaminoethyl)phenothiazine hydrochloride.

Antipar; Aparkazin; Casantin; Diparcol; Latibon;
Thiantan; Thiontan. Anticholinergic and anti-
Parkinsonian. mp = 184-186°; soluble in H_2O (20.0 g/100
ml), EtOH (16.6 g/100 ml), $CHCl_3$ (20.0 g/100 ml);
insoluble in Et_2O ; LD₅₀ (mus orl) = 450 mg/kg.**2716 Difemerine**

80387-96-8 3180

 $C_{20}H_{25}NO_3$

2-(Dimethylamino)-1,1-dimethylethyl benzilate.

Anticholinergic and antispasmodic. mp = 78-78.3°. *Labs.*
*UPSA.***2717 Difemerine Hydrochloride**

70280-88-5 3180 274-526-6

 $C_{20}H_{26}ClNO_3$ 2-(Dimethylamino)-1,1-dimethylethyl benzilate
hydrochloride.Luostyl. Anticholinergic and antispasmodic. mp = 182°.
*Labs. UPSA.***2718 Dihexyverine**

561-77-3 3211

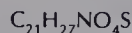
 $C_{20}H_{35}NO_2$ 2-Piperidinoethyl ester of bicyclohexyl-1-carboxylic acid.
Anticholinergic.**2719 Dihexyverine Hydrochloride**

5588-25-0 3211 226-996-9

 $C_{20}H_{36}ClNO_2$ 2-Piperidinoethyl ester of bicyclohexyl-1-carboxylic acid
hydrochloride.JL-1078; Metaspas; Diverine; Olimplex; Seclin; Dispas;
Neospasmina; Spasmodex; Spasmalex. Anticholinergic.
mp = 175°; 200°; LD₅₀ (mus ip) = 212 mg/kg.

2720 Diphepanil Methylsulfate

62-97-5 3361 200-552-4



4-(Diphenylmethylene)-1,1-dimethylpiperidinium methylsulfate.

Prantal; Demotil; Diphenatil; Nivelona; Variton.

Anticholinergic. mp = 194-195°; soluble in H_2O ; LD₅₀ (rat orl) = 1107 mg/kg, (mus orl) = 64 mg/kg, (gpg orl) = 404 mg/kg. *Schering-Plough HealthCare Products.***2721 N-(1,2-Diphenylethyl)nicotinamide**

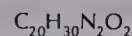
553-06-0 3382 209-031-6



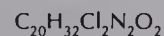
N-(1,2-Diphenylethyl)-3-pyridinecarboxamide.

C-1065; Lyspamin. Anticholinergic. mp = 159°; soluble in 5N HCl; moderately soluble in MeOH, Me₂CO, Et₂O, C₆H₆; slightly soluble in EtOH; insoluble in H₂O. *Cilag-Chemie.***2722 Diproverine**

117-30-6 3399

1-Piperidineethanol α -phenyl-1-piperidine acetate ester.Anticholinergic. bp₁ = 188-190°.**2723 Dipiproverine Hydrochloride**

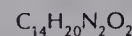
2404-18-4 3399 219-293-3

1-Piperidineethanol α -phenyl-1-piperidine acetate ester dihydrochloride.LD-935; Levospasme; Spasmonal. Anticholinergic. mp = 212-214°, 238°; soluble in H₂O (184 g/100 ml at 20°, 323 g/100 ml at 100°), iPrOH (5 g/100g at 20°, 12.5 g/100 g at 50°, 27 g/100 g at 80°).**2724 Diponium Bromide**

2001-81-2 3402

Dicyclopentylacetic acid β -diethylaminoethylester ethobromide.SA-267; Unispaston. Antispasmodic and anticholinergic. mp = 185-186°; freely soluble in H₂O; LD₅₀ (mus orl) = 570 mg/kg, (mus ip) = 88 mg/kg, (mus iv) = 6.2 mg/kg, (rat orl) = 780 mg/kg, (rat iv) = 6.6 mg/kg. *Sieglfried AG.***2725 Domazoline**

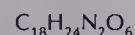
6043-01-2 227-931-7



2-(3,6-Dimethoxy-2,4-dimethylbenzyl)-2-imidazole.

Anticholinergic. *Schering AG.***2726 Domazoline Fumarate**

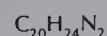
35100-41-5



2-(3,6-Dimethoxy-2,4-dimethylbenzyl)-2-imidazole fumarate.

Anticholinergic. *Schering AG.***2727 Elantrine**

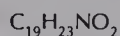
1232-85-5



11-[3-(Dimethylamino)propylidene]-5,6-dihydro-5-methylmorphanthridine.

EX-10-029-C; RMI-80029. Anticholinergic. *Marion**Merrell Dow Inc.***2728 Elucaine**

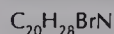
25314-87-8

 α -[(Diethylamino)methyl]benzyl alcohol benzoate (ester).

Anticholinergic.

2729 Emepronium Bromide

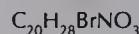
3614-30-0 3598 222-786-6



Ethyl(3,3-diphenyl-1-methylpropyl)dimethylammonium bromide.

Cetepin; Restenacht; Ripirin; Uro-Ripirin. Antispasmodic and anticholinergic. mp = 204°. *Aktiebolaget. Recip.***2730 Endobenzyline Bromide**

52080-56-5 3612

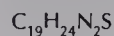


2-[(Bicyclo[2.2.1]hept-5-en-2-ylhydroxyphenylacetyl)-oxy]-N,N,N-trimethylethanaminium bromide.

PC-1238; Ulcynendobenziline bromide. Anticholinergic. mp = 170°.

2731 Ethopropazine

522-00-9 3793 208-320-4

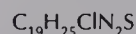


10-[2-(Diethylamino)propyl] phenothiazine.

RP-3356; W-483; Isopthazine; Isothiazine; Parkin.

Anticholinergic. mp = 53-55°; LD₅₀ (mus orl) = 650 mg/kg. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***2732 Ethopropazine Hydrochloride**

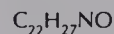
1094-08-2 3793 214-134-4



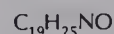
10-[2-(Diethylamino)propyl] phenothiazine monohydrochloride.

Dibutil; Lysivane; Pardisol; Parphezein; Parphezin; Parsidol; Parsitan; Parsotil; Rodipal. Anticholinergic. Used as an anti-Parkinsonian and anti-allergic. mp = 223-225°; soluble in H₂O (0.25 g/100 ml at 20°, 5 g/100 ml at 100°), EtOH (3.3 g/100 ml at 30°), CHCl₃; sparingly soluble in Me₂CO; insoluble in Et₂O, C₆H₆. *Parke-Davis.***2733 Ethybenztropine**

524-83-4 3802

3 α -(Diphenylmethoxy)-8-ethyl-1 α H,5 α H-nortropane.UK-738; N-ethylbenztropine. Anticholinergic. Antibacterial. [hydrochloride (Ponalid)]: mp = 190-191°; [hydrobromide (Panolid)]: mp = 226-228°. *Sandoz Pharmaceuticals Corp.; Boehringer Ingelheim GmbH.***2734 Ethylbenzhydramine**

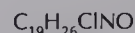
642-58-0 3813



2-(Diphenylmethoxy)-N,N-diethylethanamine.

etanautine. Anticholinergic. Used as an anti-Parkinsonian. bp_{0.15} = 140-142°. *Ciba-Geigy Corp.***2735 Ethylbenzhydramine Hydrochloride**

3813



2-(Diphenylmethoxy)-N,N-diethylethanamine hydrochloride.

Antiparkin. Anticholinergic. Used as an anti-Parkinsonian. mp = 140°; soluble in H₂O, EtOH, Me₂CO, CHCl₃; slightly soluble in C₆H₆, Et₂O. *Ciba-Geigy Corp.*

2736 Etomidoline

21590-92-1 3928 244-463-9
C₂₃H₂₉N₃O₂
2-Ethyl-2,3-dihydro-3-[[4-[2-(1-piperidinyl)ethoxy]-phenyl]amino]-1H-isindol-1-one.
K-2680; Smedolin. Antispasmodic and anticholinergic. mp = 106-107°; LD₅₀ (mus orl) = 176 mg/kg, (mus iv) = 44.8 mg/kg. *Farmitalia Carlo Erba SpA.*

2737 Eucatropine

100-91-4 3943 202-900-0
C₁₇H₂₅NO₃
1,2,2,6-Tetramethyl-4-piperidyl mandelate.
Euphthalmine. Anticholinergic (ophthalmic). mp = 113°; insoluble in cold H₂O, soluble in organic solvents.

2738 Eucatropine Hydrochloride

536-93-6 3943 208-653-5
C₁₇H₂₆ClNO₃
1,2,2,6-Tetramethyl-4-piperidyl mandelate hydrochloride. Anticholinergic (ophthalmic). mp = 183-184°; soluble in H₂O, EtOH (50 g/100 ml at 76°), CHCl₃; insoluble in Et₂O.

2739 Fenpiverinium Bromide

125-60-0 4032 204-744-9
C₂₂H₂₉BrN₂O
1-(4-Amino-4-oxo-3,3-diphenylbutyl)-1-methylpiperidinium bromide.
12494 Hoechst; Resantin. Antispasmodic and anticholinergic. mp = 177.5-178.5°, 216-216.5°; freely soluble in H₂O. *Hoechst.*

2740 Fentionium Bromide

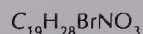
5868-06-4 4048 227-520-2
C₃₁H₃₄BrNO₄
3α-Hydroxy-8-(p-phenylphenacyl)-1αH,5αH-tropanium bromide.
Z-326; Fa-402; Ketoscilium; Ulcesium. Antispasmodic and anticholinergic. mp = 203-205° (dec); [α]_D²³ = -5.68° (c = 5 DMF), [α]_D²⁵ = -4.70° (c = 5 DMF); LD₅₀ (mus iv) = 12.1 mg/kg, (mus sc) > 400 mg/kg, (mus orl) > 400 mg/kg. *Whitefin Hlodig.*

2741 Flutropium Bromide

63516-07-4 4248
C₂₄H₂₉BrFNO₃
(endo, syn)-8-(2-Fluoroethyl)-3-[(hydroxydiphenylacetyl)oxy]-8-methyl-8-azoniabicyclo[3.2.1]octane bromide.
Ba-598BR; Flubron. Bronchodilator and anticholinergic. mp = 192-193° (dec), 198-199°; LD₅₀ (mmus iv) = 12.5 mg/kg, (mmus orl) = 760 mg/kg, (fms iv) = 11.0 mg/kg, (fms orl) = 810 mg/kg, (mrat iv) = 16.4 mg/kg, (mrat orl) = 830 mg/kg, (frat iv) = 18.4 mg/kg, (frat orl) = 740 mg/kg. *Boehringer Ingelheim GmbH.*

2742 Glycopyrrolate

596-51-0 4511 209-887-0

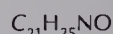


3-Hydroxy-1,1-dimethylpyrrolidinium bromide α-cyclopentylmandelate.

Robinul; AHR-504; Nodapton; Robanul; Tarodyl; Tarodyn. Anticholinergic. mp = 193.2-194.5°; soluble in H₂O; LD₅₀ (fms ip) = 107 mg/kg, (frat ip) = 196 mg/kg, (mrat orl) = 1150 mg/kg. *Whitehall-Robins.*

2743 Hepzidine

1096-72-6

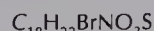


4-(10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-yloxy)-1-methylpiperidine.

Antidepressant and anticholinergic.

2744 Heteronium Bromide

7247-57-6 4709



(±)-3-Hydroxy-1,1-dimethylpyrrolidinium bromide α-phenyl-2-thiopheneglycolate.

Hetrum bromide; 31814. Anticholinergic. [α diastereoisomer]: mp = 210-211°; [β diastereoisomer]: mp = 182-184°. *Eli Lilly & Co.*

2745 Hexocyclium

6004-98-4 4744

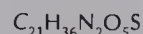


4-(β-Cyclohexyl-β-hydroxyphenethyl)-1,1-dimethylpiperazine.

Evipan Sodium; Hexanastab; Hexobarbitone-sodium; methenexyl sodium; Evipal sodium; 2,4,6(1H,3H,5H)-Pyrimidinetrione, 5-(1-cyclohexen-1-yl)-1,5-dimethyl-, sodium salt. Anticholinergic. *Sterling Winthrop, Inc.*

2746 Hexocyclium Methosulfate

115-63-9 4744 204-097-2

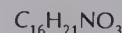


4-(β-Cyclohexyl-β-hydroxyphenethyl)-1,1-dimethylpiperazinium methyl sulfate.

AMA-DE-1973; ND-1966; MI. Tral; Tral; Tralin. Anticholinergic. mp = 200-210°; λ_m = 252, 257, 263 nm ((0.1N H₂SO₄); very soluble in H₂O (50 g/100 ml), slightly soluble in CHCl₃, insoluble in Et₂O. *Abbott Labs.*

2747 Homatropine

87-00-3 4766 201-716-8

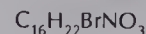


3α-Hydroxy-1αH,5αH-tropanium mandelate (ester).

mandelyltropeine; tropine mandelate. Anticholinergic (ophthalmic). [dl form]: mp = 99-100°; soluble in organic solvents, slightly soluble in H₂O. *Ciba-Geigy Corp.; Alcon Labs.*

2748 Homatropine Hydrobromide

51-56-9 4766 200-105-3



3α-Hydroxy-1αH,5αH-tropanium mandelate (ester) hydrobromide.

Isopto Homatropine. Anticholinergic (ophthalmic). mp = 212°; soluble in H₂O (16.6 g/100 ml), EtOH (2.5 g/100 ml at 25°, 8.33 g/100 ml at 60°), CHCl₃ (0.24 g/100 ml); insoluble in ether. *Ciba-Geigy Corp.; Alcon Labs.*

2749 Homatropine Methyl Bromide

80-49-9 4766 201-284-0

 $C_{17}H_{24}BrNO_3$ 3 α -Hydroxy-8-methyl-1 α H,5 α H-tropanium bromide mandelate.Arkitropin; Homapin; Malcotran; Mesopin; Novatrin; Novatropine; Sethyl; component of: Hycodan, Probilagol. Anticholinergic (ophthalmic). mp = 191-192° (dec); soluble in H₂O, slightly soluble in EtOH; LD₅₀ (mus orl) = 1400 mg/kg, (mus ip) = 60 mg/kg. *Monsanto Co.; DuPont Merck Pharmaceutical Co.; Purdue Pharma L.P.***2750 Hydroxyamphetamine**

1518-86-1 4855

 $C_9H_{13}NO$

(±)-p-(2-Aminopropyl)phenol.

Paredrine; Paredrinex; Pulsoton. Anticholinergic (ophthalmic); mydriatic. mp = 125-126°; soluble in H₂O, EtOH, CHCl₃, EtOAc. *SmithKline Beecham Pharmaceuticals; Allergan, Inc.***2751 Hydroxyamphetamine Hydrobromide**

306-21-8 4855 206-181-4

 $C_9H_{14}BrNO$

(±)-p-(2-Aminopropyl)phenol hydrobromide.

component of: Paremyd. Anticholinergic (ophthalmic); mydriatic. mp = 171-172°; soluble in H₂O, EtOH; insoluble in Et₂O. *SmithKline Beecham Pharmaceuticals; Allergan, Inc.***2752 Hyoscyamine**

101-31-5 4907 202-933-0

 $C_{17}H_{23}NO_3$ 1 α H,5 α H-Tropan-3 α -ol (-)-tropate (ester).Cystospaz; l-tropine tropate; daturine; duboisine; l-hyoscyamine; Levsin. Anticholinergic. mp = 108.5°; [α]_D²⁰ = -21° (EtOH); soluble in H₂O (0.36 g/100 ml), Et₂O (1.45 g/100 ml), C₆H₆ (0.67 g/100 ml), CHCl₃ (100 g/100 ml); freely soluble in EtOH. *Mallinckrodt, Inc.***2753 Hyoscyamine Hydrobromide**

306-03-6 4907 206-174-6

 $C_{17}H_{24}BrNO_3$ 1 α H,5 α H-Tropan-3 α -ol (-)-tropate (ester) hydrobromide.Anticholinergic. mp = 152°; levorotatory; very soluble in H₂O, EtOH (33.3 g/100 ml), CHCl₃ (83.3 g/100 ml), Et₂O (0.04 g/100 ml). *Mallinckrodt, Inc.***2754 Hyoscyamine Sulfate**

620-61-1 4907 210-644-6

 $C_{18}H_{24}BrNO_4$ 1 α H,5 α H-Tropan-3 α -ol (-)-tropate (ester) sulfate (2:1) (salt).Anticholinergic. Anticholinergic. *Ascher, B.F. & Co.; Schwarz Pharma Kremers Urban Co.; Forest Pharmaceuticals Inc.; Wallace Labs.; Robins, A.H. Co.; Zeneca Pharmaceuticals.***2755 Hyoscyamine Sulfate Dihydrate**

6835-16-1 4907

 $C_{34}H_{48}N_2O_{10} \cdot 2H_2O$ 1 α H,5 α H-Tropan-3 α -ol (-)-tropate (ester) sulfate (2:1) (salt) dihydrate.

Peptard; Egacene; Egazil Duretter. Anticholinergic. mp =

206°; [α]_D¹⁵ = -29° (c = 2); soluble in H₂O (200 g/100 ml), EtOH (20 g/100 ml); slightly soluble in CHCl₃, Et₂O. *Mallinckrodt, Inc.***2756 Idaverine**

100927-13-7

 $C_{24}H_{39}N_3O_3$ (±)-1-[4-[Ethyl-(p-methoxy- α -methylphenethyl)amino]-butyryl]-N,N-dimethylisonipecotamide.

Anticholinergic. Muscarinic receptor antagonist.

2757 Ipratropium Bromide

22254-24-6 5089 244-873-8

 $C_{20}H_{30}BrNO_3 \cdot H_2O$ (8r)-3 α -Hydroxy-8-isopropyl-1 α H,5 α H-tropanium bromide (±)-tropate monohydrate.Rinatec; Atrovent; Sch-1000; Atem; Bitrop; Itrop; Narilet; component of: Combivent. Anticholinergic. Also has bronchodilator and anti-arrhythmic properties. mp = 230-232°; soluble in H₂O, MeOH, EtOH; insoluble in Et₂O, CHCl₃, fluorohydrocarbons; LD₅₀ (mmus orl) = 1001 mg/kg, (mmus iv) = 12.29 mg/kg, (mmus sc) = 300 mg/kg, (fmsu orl) = 1083 mg/kg, (fmsu iv) = 14.97 mg/kg, (fmsu sc) = 340 mg/kg, (mrat orl) = 1663 mg/kg, (mrat iv) = 15.89 mg/kg, (frat orl) = 1779 mg/kg, (frat iv) = 15.70 mg/kg. *Boehringer Ingelheim GmbH; Schering AG.***2758 Isopropamide**

7492-32-2 5221 231-316-9

 $C_{22}H_{30}N_2O$

(3-Carbamoyl-3,3-diphenylpropyl)-diisopropylmethylamine.

Anticholinergic. mp = 84-86°. *SmithKline Beecham Pharmaceuticals.***2759 Isopropamide Iodide**

71-81-8 5221 200-766-8

 $C_{23}H_{33}IN_2O$

(3-Carbamoyl-3,3-diphenylpropyl)-diisopropylmethylammonium iodide.

Darbid; R-79; Priamide; Tyrimide; component of: Combid, Stelabid. Anticholinergic. Potent carbonic anhydrase inhibitor for control of glaucoma. mp = 198-201°, 189.0-191.5°; soluble in hot H₂O, MeOH, EtOH; insoluble in Et₂O. *SmithKline Beecham Pharmaceuticals.***2760 Lorglumide**

97964-56-2

 $C_{22}H_{32}Cl_2N_2O_4$

(±)-4-(3,4-Dichlorobenzamido)-N,N-dipentylglutaramic acid.

A selective cholecystokinin A (CCKA) receptor antagonist. Anticholinergic.

2761 Mazaticol

42024-98-6

 $C_{21}H_{27}NO_3S_2$ 6,6,9-Trimethyl-9-azabicyclo[3.3.1]non-3 β -yl di-2-thienylglycolate.

PG-501. Potent inhibitor of muscarinic receptor binding. Anticholinergic; antiparkinsonian.

2762 Mecloamine

5668-06-4 5823

 $C_{19}H_{24}ClNO$

2-[1-(4-Chlorophenyl)-1-phenylethoxy]-N,N-dimethyl-1-propanamine.
Anticholinergic. Also has sedative and hypnotic properties. $bp_{0.6} = 154-160^\circ$. *Astra USA, Inc.*

2763 Mecloxamine Citrate

5823

$C_{25}H_{32}ClNO_8$
2-[1-(4-Chlorophenyl)-1-phenylethoxy]-N,N-dimethyl-1-propanamine citrate.
component of: Melidorm. Anticholinergic. Also has sedative and hypnotic properties. $mp = 120-124^\circ$. *Astra USA, Inc.*

2764 Mepenzolate

25990-43-6

5893

$C_{20}H_{23}NO_3$
3-Hydroxy-1,1-dimethylpiperidinyl benzilate.
Anticholinergic. $bp_{0.03} = 175-176^\circ$. *Merrell Dow Pharmaceuticals Inc.*

2765 Mepenzolate Bromide

76-90-4

5893

200-992-7

$C_{21}H_{26}BrNO_3$
3-Hydroxy-1,1-dimethylpiperidinium bromide benzilate.
Cantil; Cantril; Gastropidil; Trancolon. Anticholinergic.
Also reported to be hallucinogenic. $mp = 228-229^\circ$ (dec);
 LD_{50} (rat orl) = 742 ± 47 mg/kg. *Merrell Dow Pharmaceuticals Inc.*

2766 Metcaraphen

561-79-5

5996

$C_{20}H_{31}NO_2$
1-(3',4'-Dimethylphenyl)-1-cyclopentanecarboxylic acid
2-diethylaminoethyl ester.
Netrin. Anticholinergic. $bp_{0.05} = 126-128^\circ$. *Ciba-Geigy Corp.*

2767 Metcaraphen Hydrochloride

1950-31-8

5996

$C_{20}H_{32}ClNO_2$
1-(3',4'-Dimethylphenyl)-1-cyclopentanecarboxylic acid
2-diethylaminoethyl ester hydrochloride.
Anticholinergic. Soluble in H_2O . *Ciba-Geigy Corp.*

2768 Methantheline

5818-17-7

6025

$C_{20}H_{23}NO_3$
Diethyl(2-hydroxyethyl)methylamine
xanthene-9-carboxylate.
Banthine. Anticholinergic. Used in veterinary medicine
for its antispasmodic and antisecretory effects. *Searle,
G.D., & Co.; Roberts Pharmaceutical Corp.*

2769 Methantheline Bromide

53-46-3

6025

200-176-0

$C_{21}H_{26}BrNO_3$
Diethyl(2-hydroxyethyl)methylammonium bromide
xanthene-9-carboxylate.
Banthine bromide; MTB-51; SC-2910; Avagal; Uldumont;
Vagantin; Metaxan; Metranide; Xanteline; Gastron;
Gastroseadan; Methanthine bromide; Vagamin; Metanyl;
Doladene; Asabaine. Anticholinergic. $mp = 175-176^\circ$;
soluble in H_2O , EtOH; insoluble in Et_2O ; $\lambda_m = 246, 282$
nm ($E_{1\%}^{1\text{cm}} 135.69$ EtOH); LD_{50} (mus ip) = 76 mg/kg.

Searle, G.D., & Co.; Roberts Pharmaceutical Corp.

2770 Methixene

4969-02-2

6059

225-610-6

$C_{20}H_{23}NS$
1-Methyl-3-(thioxanthen-9-ylmethyl)piperidine.
Anticholinergic. $bp_{0.07} = 171-175^\circ$.

2771 Methixene Hydrochloride

1553-34-0

6059

216-300-1

$C_{20}H_{24}ClNS$
1-Methyl-3-(thioxanthen-9-ylmethyl)piperidine
hydrochloride.
Anticholinergic.

2772 Methixene Hydrochloride Monohydrate

7081-40-5

6059

$C_{20}H_{24}ClNS \cdot H_2O$
1-Methyl-3-(thioxanthen-9-ylmethyl)piperidine
hydrochloride monohydrate.
Tremoquil; Methixart; Trest; Tremonil; Tremaril; Tremarit;
Cholinfall; Methyloxan. Anticholinergic. $mp = 215-217^\circ$;
 $\lambda_m = 268$ nm (ϵ 10250 dilute HCl); soluble in H_2O , EtOH,
 $CHCl_3$.

2773 Methscopolamine Bromide

155-41-9

6084

205-844-5

$C_{18}H_{24}BrNO_4$
6 β ,7 β -Epoxy-3 α -hydroxy-8-methyl-1 α H,5 α H-tropanium
bromide tropate (ester).
hyoscine methylbromide; Diopal; Holoapon; Mescopil;
Neo-Avagal; Pamine; Restropin. Anticholinergic. $mp =$
214-217° (dec); soluble in H_2O , EtOH. *Pharmacia &
Upjohn, Inc.*

2774 Methylatropine Nitrate

52-88-0

907

200-156-1

$C_{18}H_{26}N_2O_6$
3 α -Hydroxy-8-methyl-1 α H,5 α H-tropanium (±)-tropate
nitrate (salt).
Eumydrin; Ekomine; Harvatrate; Metanite.
Anticholinergic. $mp = 163^\circ$; soluble in H_2O (1 g/ml), less
soluble in EtOH, insoluble in organic solvents. *Hoechst-
Roussel Pharmaceuticals Inc.; Sterling Winthrop, Inc.*

2775 Methylbenactyzium Bromide

3166-62-9

1055

221-628-3

$C_{21}H_{28}BrNO_3$
Diethyl(2-hydroxyethyl)methylammonium bromide
benzilate.
Finalin; Spatomac. Anticholinergic and antidepressant.
 $mp = 169-170^\circ$. *American Cyanamid.*

2776 Metoquazine

7125-67-9

$C_{22}H_{27}N_5O$
3,5-Dimethyl-N-(4,6,6a,7,8,9,10,10a-octahydro-4,7-
dimethylindolo[4,3-fg]quinolin-9-yl)pyrazole-1-
carboxamide.
42406. Anticholinergic. *Eli Lilly & Co.*

2777 Nuvenzepine

96487-37-5

$C_{19}H_{20}N_4O_2$
6,11-Dihydro-11-(1-methylisonipecotoyl)-5H-pyrido[2,3-

b][1,5]benzodiazepin-5-one.

DF-545. Selective M1 muscarinic receptor antagonist. Pirenzepine-related analog. Antimuscarinic.

2778 Octamylamine

502-59-0 6846 207-947-0

$C_{13}H_{29}N$

N-Isopentyl-1,5-dimethylhexylamine.

Octinum D; Octisamyl; Neo-Octon; Octometine.

Anticholinergic and antispasmodic. $bp_7 = 100-101^\circ$; [hydrochloride]: mp = 121° ; soluble in H_2O , EtOH, Et_2O . Knoll Pharmaceutical Co.

2779 Otenzepid

100158-38-1

$C_{24}H_{31}N_5O_2$

($\pm$)-11-[[2-[(Diethylamino)methyl]piperidino]acetyl]-5,11-dihydro-6H-pyrido[2,3-b][1,4]benzodiazepin-6-one.

Muscarinic receptor antagonist. Anticholinergic.

2780 Otilonium Bromide

26095-59-0 247-457-4

$C_{29}H_{43}BrN_2O_4$

Diethyl(2-hydroxyethyl)methylammonium bromide p-[o-(oxyloxy)benzamido]benzoate.

SP-63; Spasmomen. A muscarinic and tachykinin NK2 receptor antagonist and calcium channel blocker. Used for the symptomatic treatment of irritable bowel syndrome. Anticholinergic; spasmolytic agent.

2781 Oxybutynin

5633-20-5 7089

$C_{22}H_{31}NO_3$

4-(Diethylamino)-2-butynyl

α -phenylcyclohexaneglycolate.

Anticholinergic. Hoechst Marion Roussel Inc.

2782 Oxybutynin Chloride

1508-65-2 7089 216-139-7

$C_{22}H_{32}ClNO_3$

4-(Diethylamino)-2-butynyl

α -phenylcyclohexaneglycolate hydrochloride.

Ditropan; Dridase; MJ-4309-1; 5058; Cystrin; Pollakis; Tropax. Anticholinergic. mp = $129-130^\circ$; LD_{50} (rat orl) = 1220 mg/kg . Hoechst Marion Roussel Inc.

2783 Oxyphencyclimine

125-53-1 7107 204-743-3

$C_{20}H_{28}N_2O_3$

(1,4,5,6-Tetrahydro-1-methyl-2-pyrimidinyl)methyl

α -phenylcyclohexaneglycolate.

Antulcus; Caridan; Daricol; Setrol; Vio-Thene; Daricon; Naridan; Zamanil. Anticholinergic. Pfizer Inc.

2784 Oxyphencyclimine Hydrochloride

125-52-0 7107 204-742-8

$C_{20}H_{29}ClN_2O_3$

(1,4,5,6-Tetrahydro-1-methyl-2-pyrimidinyl)methyl

α -phenylcyclohexaneglycolate monohydrochloride.

Daricon; component of: Vistrax. Anticholinergic. mp = $231-232^\circ$ (dec); soluble in H_2O ($1.2 \text{ g}/100 \text{ ml}$). Pfizer Inc.

2785 Oxyphenonium Bromide

50-10-2 7109 200-010-7

$C_{21}H_{34}BrNO_3$

Diethyl(2-hydroxyethyl)methylammonium bromide

α -phenylcyclohexane glycolate.

Antrenyl Duplex; Ba-5473; C-5473; Spasmophen.

Anticholinergic. A proprietary preparation of oxyphenonium bromide. Used as a gastrointestinal sedative. mp = $189-194^\circ$; freely soluble in H_2O , sparingly soluble in EtOH. Ciba plc.

2786 Parapenzolate Bromide

5634-41-3 227-080-1

$C_{21}H_{26}BrNO_3$

4-Hydroxy-1,1-dimethylpiperidinium bromide benzilate.

Sch-3444. Anticholinergic. Schering AG.

2787 Pentapiperide

7009-54-3 7260 230-286-4

$C_{18}H_{27}NO_2$

1-Methyl-4-piperidyl 3-methyl-2-phenylvalerate ester.

Anticholinergic and antispasmodic. [fumarate (C-4675)]: mp = $91-93^\circ$. Cilag-Chemie.

2788 Pentapiperium Methosulfate

7681-80-3 7260 231-678-8

$C_{20}H_{33}NO_6S$

3-Methyl-2-phenylvaleric acid 1-methyl-4-piperidyl ester methosulfate.

pentapiperium metilsulfate; pentapiperium mesylate; pentapiperium methylsulfonate; Hycholin; Quilene; Perium; Crylene. Anticholinergic and antispasmodic. mp = $110-112^\circ$. Cilag-Chemie.

2789 Penthienate

22064-27-3

$C_{17}H_{27}NO_3S$

2-[(Cyclopentylhydroxy-2-thienylacetyl)oxy]-N,N-diethylethanaminium bromide.

Anticholinergic. Sterling Winthrop, Inc.

2790 Penthienate Bromide

60-44-6 7268 200-478-2

$C_{18}H_{30}BrNO_3S$

2-[(Cyclopentylhydroxy-2-thienylacetyl)oxy]-N,N-diethyl-N-methylethanaminium bromide.

Monodral bromide; Win-4369. Anticholinergic. mp = 124° ; $\lambda_m = 238 \text{ nm}$ ($A_{1\text{cm}}^{1\%}$ 189); soluble in H_2O (0.2 g/ml), EtOH, $CHCl_3$; less soluble in non-polar organic solvents. Sterling Winthrop, Inc.

2791 Phencarbamide

3735-90-8 7363 223-103-4

$C_{19}H_{24}N_2OS$

S-[2-(Diethylamino)ethyl] diphenylthiocarbamate.

Escorpal. Anticholinergic. mp = $48-49^\circ$; $bp_{0.01} = 120-126^\circ$; insoluble in H_2O ; soluble in MeOH, EtOH, $CHCl_3$; less soluble in petroleum ether. Bayer Corp.

2792 PhencarbamideHydrochloride

58-13-9 7363 200-363-7

$C_{19}H_{25}ClN_2OS$

S-[2-(Diethylamino)ethyl] diphenylthiocarbamate hydrochloride.

Ba-1355; Escorpal. Anticholinergic. mp = $180-181^\circ$;

soluble in H₂O; LD₅₀ (rat orl) = 410 mg/kg. *Bayer Corp.*

2793 Phencarbamide-1,5-naphthalene Disulfonate

72017-58-4 7363

C₂₉H₃₂N₂O₇S₃

S-[2-(Diethylamino)ethyl] diphenylthiocarbamate-1,5-naphthalene disulfonate.

Gelosedine; phencarbamide napadisilate.

Anticholinergic. LD₅₀ (rat orl) = 920 mg/kg. *Quinoderm Ltd.*

2794 Phenglutarimide

1156-05-4 7377 214-587-8

C₁₇H₂₄N₂O₂

2,2-Diethylaminoethyl-2-phenylglutarimide.

Anticholinergic. mp = 125-127°. *Ciba-Geigy Corp.*

2795 Phenglutarimide Hydrochloride

1674-96-0 7377 216-819-3

C₁₇H₂₅ClN₂O₂

2,2-Diethylaminoethyl-2-phenylglutarimide hydrochloride.

Aturban; Aturbane; Aturbal. Anticholinergic. mp = 168-172° (dec); freely soluble in H₂O. *Ciba-Geigy Corp.*

2796 Pipenzolate

13473-38-6 7614 236-748-1

C₂₁H₂₅NO₃

1-Ethyl-3-hydroxypiperidinium benzilate.

Anticholinergic. *Marion Merrell Dow Inc.*

2797 Pipenzolate Bromide

125-51-9 7614 204-741-2

C₂₂H₂₈BrNO₃

1-Ethyl-3-hydroxy-1-methylpiperidinium bromide benzilate.

Piptal; JB-323; pibenzolone bromide. Anticholinergic. mp = 179-180°; soluble in H₂O. *Marion Merrell Dow Inc.*

2798 Piperidolate

82-98-4 7623 201-449-7

C₂₁H₂₅NO₂

1-Ethyl-3-piperidyl diphenylacetate hydrochloride.

Anticholinergic. bp_{0.18} = 191-192°. *Marion Merrell Dow Inc.*

2799 Piperidolate Hydrochloride

129-77-1 7623 204-964-5

C₂₁H₂₆ClNO₂

1-Ethyl-3-piperidyl diphenylacetate hydrochloride.

Dactil; Crapinon. Anticholinergic. mp = 195-196°; soluble in H₂O. *Marion Merrell Dow Inc.*

2800 Piperilate

4546-39-8 7624

C₂₁H₂₅NO₃

1-Piperidineethanol benzilate.

Anticholinergic and antispasmodic.

2801 Piperilate Hydrochloride

4544-15-4 7624

C₂₁H₂₆ClNO₃

1-Piperidineethanol benzilate hydrochloride.

Daipisate; Norticon; Pensanate; Pipenate. Anticholinergic and antispasmodic. mp = 170-171°.

2802 Poldine

596-50-9

C₂₀H₂₃NO₃

2-(Hydroxymethyl)-1,1-dimethylpyrrolidine benzilate.

Anticholinergic. *McNeil Pharmaceutical.*

2803 Poldine Methylsulfate

545-80-2 7714 208-894-6

C₂₂H₂₉NO₇S

2-(Hydroxymethyl)-1,1-dimethylpyrrolidinium methyl sulfate benzilate.

Nacton; Nactate; IS-499; McN-R-726-47. Anticholinergic.

A proprietary preparation of hydroflumethiazide; a diuretic. mp = 154-155°; soluble in H₂O. *McNeil Pharmaceutical.*

2804 Pridinol

511-45-5 7922 208-128-0

C₂₀H₂₅NO

1,1-Diphenyl-3-piperidino-1-propanol.

ridinol; C-238. Anticholinergic and anti-Parkinsonian. mp = 120-121°; soluble in Me₂CO. *The Wellcome Foundation Ltd.*

2805 Pridinol Hydrochloride

968-58-1 7922 213-529-9

C₂₀H₂₆ClNO

1,1-Diphenyl-3-piperidino-1-propanol monohydrochloride.

Parks 12. Anticholinergic and anti-Parkinsonian. mp = 238° (dec); soluble in EtOH; LD₅₀ (mus iv) = 35 mg/kg, (mus ip) = 131 mg/kg, (rat iv) = 33 mg/kg, (rat ip) = 91 mg/kg. *The Wellcome Foundation Ltd.*

2806 Pridinol Mesylate

6856-31-1 7922 229-953-2

C₂₁H₂₉NO₄S

1,1-Diphenyl-3-piperidino-1-propanol monomethanesulfonate.

Konlax; Loxeen; Lyseen; Mitanoline. Anticholinergic and anti-Parkinsonian. mp = 152.5-155°; sparingly soluble in H₂O. *The Wellcome Foundation Ltd.*

2807 Prifinium Bromide

4630-95-9 7923 225-051-8

C₂₂H₂₈BrN

3-(Diphenylmethylene)-1,1-diethyl-2-methylpyrrolidinium bromide.

Padrin; Riabal. Anticholinergic and antispasmodic. mp = 216-218°; LD₅₀ (mmus iv) = 11 mg/kg, (mmus ip) = 43 mg/kg, (mmus sc) = 30 mg/kg, (mmus orl) = 330 mg/kg.

2808 Procyclidine

77-37-2 7944 201-023-0

C₁₉H₂₉NO

α-Cyclohexyl-α-phenyl-1-piperidinepropanol.

Anticholinergic. mp = 85-87°; λ_m = 258.5 nm (ε 233 EtOH). *Glaxo Wellcome Inc.*

2809 Procyclidine Hydrochloride

1508-76-5 7944 216-141-8

C₁₉H₃₀ClNO

α -Cyclohexyl- α -phenyl-1-piperidinepropanol hydrochloride.

Arpicolin; Kemadrin; Osnervan. Anticholinergic. Dec 226-227°; soluble in H₂O (3 g/100 ml), organic solvents. Glaxo Wellcome Inc.

2810 Proglumide

6620-60-6 7958 229-567-4

C₁₈H₂₆N₂O₄

($\pm$)-4-Benzamido-N,N-dipropylglutaramic acid.

Milid; W-5219; Milide; Promid. Anticholinergic. mp = 142-145°; LD₅₀ (mus iv) = 2211-2649 mg/kg, (mus orl) = 7350-8861 mg/kg. Wallace Labs.

2811 Propantheline Bromide

50-34-0 7989 200-030-6

C₂₃H₃₀BrNO₃

2-(Hydroxyethyl)diisopropylmethylammonium bromide xanthene-9-carboxylate.

Pro-Banthine; Neo-Metantyl; Pantheline; Corrigan; Ercotina. Anticholinergic. mp = 159-161°; very soluble in H₂O, EtOH, CHCl₃; insoluble in Et₂O, C₆H₆. Searle, G.D., & Co.; Roberts Pharmaceutical Corp.

2812 Propenzolate

4354-45-4 7998

C₂₀H₂₉NO₃

(+)-1-Methyl-3-piperidyl

($\pm$)- α -phenylcyclohexaneglycolate.

Anticholinergic. Lakeside Biotechnology; Marion Merrell Dow Inc.

2813 Propenzolate Hydrochloride

1420-03-7 7998

C₂₀H₃₀ClNO₃

(+)-1-Methyl-3-piperidyl

($\pm$)- α -phenylcyclohexaneglycolate hydrochloride.

Delinal; NDR-263. Anticholinergic. mp = 222°. Lakeside Biotechnology; Marion Merrell Dow Inc.

2814 Propiverine

60569-19-9 8018

C₂₃H₂₉NO₃

1-Methyl-4-piperidyl diphenylpropoxyacetate.

Anticholinergic.

2815 Propiverine Hydrochloride

54556-98-8 8018

C₂₃H₃₀ClNO₃

1-Methyl-4-piperidyl diphenylpropoxyacetate hydrochloride.

P-4; Mictonorm; Mictonetten. Anticholinergic. Used in treatment of urinary incontinence. mp = 216-218°; sparingly soluble in H₂O, EtOH; LD₅₀ (mmus iv) = 36 mg/kg, (mmus sc) = 223 mg/kg, (mmus orl) = 410 mg/kg, (fmsus iv) = 36 mg/kg, (fmsus sc) = 283 mg/kg, (fmsus orl) = 323 mg/kg, (mrat iv) = 22 mg/kg, (mrat sc) = 1632 mg/kg, (mrat orl) = 1000 mg/kg, (frat iv) = 25 mg/kg, (frat sc) = 1411 mg/kg, (frat orl) = 1092 mg/kg.

2816 Propyromazine

145-54-0 8057 205-657-9

C₂₀H₂₃BrN₂OS

1-Methyl-1-(1-phenothiazin-10-ylcarbonyl)ethylpyrrolidinium bromide.

LD-335; SD-104-19; Diaspasmyl. Anticholinergic and antispasmodic. mp = 228-229°; [free base]: mp = 94.5-95.5°. Astra USA, Inc.

2817 Pyridostigmine

155-97-5 8161

C₈H₁₀N₂O₂

3-Hydroxypyridine dimethylcarbamate.

Anticholinergic. Hoffmann-LaRoche Inc.; ICN Pharmaceuticals, Inc.; Organon Inc.

2818 PyridostigmineBromide

101-26-8 8161 202-929-9

C₉H₁₃BrN₂O₂

3-Hydroxy-1-methylpyridinium bromide dimethylcarbamate.

Mestinin; Regonol; Kalymin; Ro-1-5130. Anticholinergic. Used in treatment of myasthenia gravis and as a pre-exposure antidote to chemical warfare agents. mp = 152-154°; soluble in H₂O, EtOH; insoluble in Et₂O, Me₂CO, C₆H₆. Hoffmann-LaRoche Inc.; ICN Pharmaceuticals, Inc.; Organon Inc.

2819 Scopolamine

51-34-3 8550 200-090-3

C₁₇H₂₁NO₄

6 β ,7 β -Epoxy-1 α H,5 α H-tropan-3 α -ol (-)-tropate (ester).

scopine tropate; hyoscine; l-scopolamine; Scop; Scopoderm-TTS; Transcop; Transderm Scop.

Anticholinergic. Used in treatment of motion sickness. [α]_D²⁰ = -28° (c = 2.7); soluble in H₂O (10.5 g/100 ml at 15°); freely soluble in hot H₂O, EtOH, Et₂O, CHCl₃, Me₂CO; sparingly soluble in C₆H₆, petroleum ether; [monohydrate]: mp = 59°. Ciba-Geigy Corp.; Alcon Labs.; Wallace Labs.; Parke-Davis; Robins, A.H. Co.; Zeneca Pharmaceuticals.

2820 Scopolamine Hydrobromide

6533-68-2 8550 200-090-3

C₁₇H₂₂BrNO₄·3H₂O

6 β ,7 β -Epoxy-1 α H,5 α H-tropan-3 α -ol (-)-tropate (ester) hydrobromide trihydrate.

Scopolamine hydrobromide; Isopto Hyoscine; Transderm-Scop; component of: Barbidonna, Benacine, Donnagel, Donnatal, Donnazyme, Kinesed. Anticholinergic. Used in treatment of motion sickness. mp = 195°; [α]_D²⁵ = -24° to -26° (c = 5); λ_m = 246, 252, 258, 264 nm (A1%; ks_{1 cm} 3.5, 4.0, 4.5, 3.0 MeOH); soluble in H₂O (66 g/100 ml); EtOH (5 g/100 ml), CHCl₃; insoluble in Et₂O; LD₅₀ (rat sc) = 3800 mg/kg. Ciba-Geigy Corp.; Alcon Labs.; Wallace Labs.; Parke-Davis; Robins, A.H. Co.; Zeneca Pharmaceuticals.

2821 Scopolamine N-oxide

97-75-6 8550 202-606-2

C₁₇H₂₁NO₅

6 β ,7 β -Epoxy-1 α H,5 α H-tropan-3 α -ol (-)-tropate 8-oxide.

scopolamine aminoxide. Anticholinergic. mp = 80°; [α]_D²⁰ = -14° (H₂O); [hydrobromide (Genoscopamine)]: mp = 135-138°; [α]_D²⁵ = -25° (c = 2); soluble in EtOH, Me₂CO. Ciba-Geigy Corp.; Alcon Labs.; Wallace Labs.; Parke-Davis; Robins, A.H. Co.; Zeneca Pharmaceuticals.

2822 Secoverine

57558-44-8

 $C_{22}H_{35}NO_2$ 1-Cyclohexyl-4-[ethyl(p-methoxy- α -methylphenethyl)amino]-1-butanone.

Selective muscarinic antagonist. Inhibits gastric secretion and gastric mobility. Spasmolytic.

2823 Stercuronium Iodide

30033-10-4

 $C_{26}H_{43}IN_2$ (Cona-4,6-dienin-3 β -yl)dimethylethylammonium iodide.

Short-acting peripheral neuromuscular blocking agent.

Muscarinic antagonist.

2824 Stramonium

8975

Anticholinergic.

2825 Sultroponium

15130-91-3

9170

 $C_{20}H_{29}NO_6S$

8-(3-Sulfopropyl)atropinium hydroxide inner salt.

atropine sulfobetaine; tropyl tropate sulfobetaine; A-118; Sultropan. Anticholinergic and antispasmodic. mp = 220°

(dec); soluble in H_2O , warm EtOH; insoluble in Et_2O , Me_2CO , C_6H_6 , $CHCl_3$; λ_m = 251.5, 257.5, 263.5 nm (H_2O).**2826 Tematropium Methylsulfate**

113932-41-5

 $C_{21}H_{31}NO_8S$ 3 α -Hydroxy-8-methyl-1 α H,5 α H-tropanium methyl sulfate (salt) ($\pm$)-ethyl hydrogen phenylmalonate.Anticholinergic. *Pharmos Corp.***2827 Temiverine**

173324-94-2

 $C_{24}H_{35}NO_3$ ($\pm$)-4-Diethylamino-1,1-dimethylbut-2-yn-1-yl

2-cyclohexyl-2-hydroxy-2-phenylacetate.

p-INN; NS-21 [as hydrochloride monohydrate]. Used in treatment of urinary frequency and incontinence. Anticholinergic; calcium antagonist.

2828 Thiphenamil

82-99-5

9509

 $C_{20}H_{25}NOS$

S-[2-(Diethylamino)ethyl] diphenylthioacetate.

Anticholinergic and smooth muscle relaxant. *Sterling Winthrop, Inc.***2829 Thiphenamil Hydrochloride**

548-68-5

9509

208-955-7

 $C_{20}H_{26}ClNOS$

S-[2-(Diethylamino)ethyl]

diphenylthioacetate

hydrochloride.

Thiphen; Trocinate. Anticholinergic and smooth muscle relaxant. mp = 129-130°; soluble in H_2O . *Sterling Winthrop, Inc.***2830 Tiemonium**

6252-92-2

228-380-5

 $C_{18}H_{25}NO_2S$

4-[3-Hydroxy-3-phenyl-3-(2-thienyl)propyl]-4-

methilmorpholine.

Anticholinergic and antispasmodic. *C.E.R.M.***2831 Tiemonium Iodide**

144-12-7

9571

205-616-5

 $C_{18}H_{24}INO_2S$

4-[3-Hydroxy-3-phenyl-3-(2-thienyl)propyl]-4-methilmorpholinium iodide.

TE-114; Visceralgina. Anticholinergic and antispasmodic.

mp = 189-191°. *C.E.R.M.***2832 Timepidium Bromide**

35035-05-3

9583

 $C_{17}H_{22}BrNOS_2$

3-(Di-2-thienylmethylene)-5-methoxy-1,1-dimethylpiperidinium bromide.

SA-504; Mepidium; Sesden. Anticholinergic. mp = 198-200°. *Tanabe Seiyaku.***2833 Tiotropium Bromide**

139404-48-1

9598

 $C_{19}H_{22}BrNO_4S_2$ (1 α ,2 β ,4 β ,5 α ,7 β)-7-[(Hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-3-oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane bromide.

Ba-679-BR; Spiriva. A muscarinic antagonist used for treatment of obstructive airways disease. Bronchodilator; anticholinergic. mp = 218-220°.

2834 Tiquinamide

53400-67-2

 $C_{11}H_{14}N_2S$

5,6,7,8-Tetrahydro-3-methylthio-8-quinolinecarboxamide.

WY-24081. Anticholinergic. *Wyeth-Ayerst Labs.***2835 Tiquinamide Hydrochloride**

53400-68-3

 $C_{11}H_{15}ClN_2S$

5,6,7,8-Tetrahydro-3-methylthio-8-quinolinecarboxamide monohydrochloride.

WY-24,081 HCl. Anticholinergic. *Wyeth-Ayerst Labs.***2836 Tiquizium Bromide**

71731-58-3

9602

 $C_{19}H_{24}BrNS_2$

trans-3-(Di-2-thienylmethylene)octahydro-5-methyl-2H-quinolizinium bromide.

HSR-902; HS-902; Thiaton. Anticholinergic and antispasmodic. mp = 278-281° (dec).

2837 Tofenacin

15301-93-6

9641

239-338-0

 $C_{17}H_{21}NO$ N-Methyl-2-[(o-methyl- α -phenylbenzyl)oxy]ethylamine.Anticholinergic, antidepressant. bp_{0.7} = 139-143°. *Brocades-Stheeman & Pharmacia.***2838 Tofenacin Hydrochloride**

10488-36-5

9641

234-011-9

 $C_{17}H_{22}ClNO$ N-Methyl-2-[(o-methyl- α -phenylbenzyl)oxy]ethylamine hydrochloride.BS-7331; Elamol; Tofacine. Anticholinergic, antidepressant. mp = 143-147°; freely soluble in H_2O ,

EtOH, MeOH, CHCl_3 ; slightly soluble in Me_2CO ; insoluble in Et_2O ; LD_{50} (mus orl) = 182 mg/kg, (mus sc) = 82 mg/kg, (mus ip) = 58 mg/kg, (mus iv) = 36.5 mg/kg, (rat ip) = 72 mg/kg, (gpg sc) = 92 mg/kg. *Brocades-Stheeman & Pharmacia*.

2839 Tolterodine

124937-51-5

 $\text{C}_{22}\text{H}_{31}\text{NO}$

(+)-(R)-2-[α -[2-(Diisopropylamino)ethyl]benzyl]-p-cresol. Detrol. Antimuscarinic. Used to treat urinary incontinence. *Pharmacia & Upjohn, Inc.*

2840 Toquizine

7125-71-5

 $\text{C}_{23}\text{H}_{29}\text{N}_5\text{O}$

N,N,3,5,6-Pentamethyl-2-pyrazinamine. Anticholinergic. *Eli Lilly & Co.*

2841 Triampyzine

6503-95-3

 $\text{C}_9\text{H}_{15}\text{N}_3$

(Dimethylamino)trimethylpyrazine. Anticholinergic.

2842 Triampyzine Sulfate

7082-30-6

 $\text{C}_9\text{H}_{17}\text{N}_3\text{O}_4\text{S}$

N,N,3,5,6-Pentamethyl-2-pyrazinamine sulfate. W-3976-B. Anticholinergic.

2843 Tricyclamol Chloride

3818-88-0

223-311-5

 $\text{C}_{20}\text{H}_{32}\text{ClNO}$

($\pm$)-1-(3-Cyclohexyl-3-hydroxy-3-phenylpropyl)-1-methylpyrrolidinium chloride.

Anticholinergic. mp = 226-227° (dec); soluble in H_2O (3 g/100 ml); more soluble in EtOH, CHCl_3 ; insoluble in Et_2O . *Eli Lilly & Co.*

2844 Tricyclamol Chloride

3818-88-0

223-311-5

 $\text{C}_{20}\text{H}_{32}\text{ClNO}$

($\pm$)-1-(3-Cyclohexyl-3-hydroxy-3-phenylpropyl)-1-methylpyrrolidinium chloride.

Anticholinergic; antiparkinsonian.

2845 Tridihexethyl

60-49-1

9794

 $\text{C}_{19}\text{H}_{31}\text{NO}$

(3-Cyclohexyl-3-hydroxy-3-phenylpropyl)diethylamine. Anticholinergic. Anti-inflammatory. *Pfizer International*; *Wallace Labs.*; *American Cyanamid*.

2846 Tridihexethyl Chloride

4310-35-4

9794

224-323-3

 $\text{C}_{21}\text{H}_{36}\text{ClNO}$

(3-Cyclohexyl-3-hydroxy-3-phenylpropyl)triethylammonium chloride.

Pathilon. Anticholinergic. A proprietary preparation of aminosaliclate calcium, isoniazid, pyridoxine hydrochloride and menadione; an antitubercular agent. *Pfizer International*; *Wallace Labs.*; *American Cyanamid*.

2847 Tridihexethyl Iodide

125-99-5

9794

204-762-7

 $\text{C}_{21}\text{H}_{36}\text{INO}$

(3-Cyclohexyl-3-hydroxy-3-phenylpropyl)triethylammonium iodide.

component of: Milpath. Anticholinergic. A proprietary preparation of aminosaliclate calcium, isoniazid, pyridoxine hydrochloride and menadione; an antitubercular agent. mp = 179-184°; soluble in H_2O (1.1 g/100 ml); freely soluble in EtOH, CHCl_3 ; slightly soluble in Et_2O . *Pfizer International*; *Wallace Labs.*; *American Cyanamid*.

2848 Trihexyphenidyl

144-11-6

9823

205-614-4

 $\text{C}_{20}\text{H}_{31}\text{NO}$

α -Cyclohexyl- α -phenyl-1-piperidinepropanol.

Anticholinergic and anti-Parkinsonian. mp = 114.3-115°; [l form]: mp = 112-113°; $[\alpha]_D^{20} = -25^\circ$ (c = 0.4 EtOH). *Glaxo Wellcome, UK*; *American Cyanamid*.

2849 Trihexyphenidyl Hydrochloride

52-49-3

9823

200-142-5

 $\text{C}_{20}\text{H}_{32}\text{ClNO}$

α -Cyclohexyl- α -phenyl-1-piperidinepropanol hydrochloride.

Antitrem; Artane; benzhexol chloride; Aparkane; Broflex; Cyclodol; Pacitane; Paralest; Pargitan; Parkinane; Parkopan; Peragit; Pipanol; Sedrina; Tremin; Triphedon; Triphenidyl; Tsiklodol. Anticholinergic and anti-Parkinsonian. mp = 258.5° (dec); soluble in H_2O (1.0 g/100 ml), EtOH (6 g/100 ml), CHCl_3 (5 g/100 ml); soluble in MeOH; slightly soluble in C_6H_6 , Et_2O ; [l form]: mp = 264°; $[\alpha]_D^{20} = -30^\circ$ (c = 0.4 CHCl_3). *Glaxo Wellcome, UK*; *American Cyanamid*.

2850 Trimebutine

39133-31-8

9829

254-309-2

 $\text{C}_{22}\text{H}_{29}\text{NO}_5$

3,4,5-Trimethoxybenzoic acid 2-(dimethylamino)-2-phenylbutyl ester.

Anticholinergic and antispasmodic. mp = 78-80°; soluble in CH_2Cl_2 . *Jouveinal*.

2851 Trimebutine Maleate

34140-59-5

9829

251-845-9

 $\text{C}_{26}\text{H}_{33}\text{NO}_9$

3,4,5-Trimethoxybenzoic acid 2-(dimethylamino)-2-phenylbutyl ester maleate.

TM-906; Cerekinon; Debridat; Digerent; Foldox; Polibutin; Spabucol; Trimedat. Anticholinergic and antispasmodic. mp = 105-106°. *Jouveinal*.

2852 Tropacine

6878-98-4

9903

 $\text{C}_{22}\text{H}_{25}\text{NO}_2$

endo- α -Phenylbenzeneacetic acid-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester.

tropine diphenylacetate. Anticholinergic. [hydrochloride]: mp = 217-218°. *Ciba-Geigy Corp.*

2853 Tropatepine

27574-24-9

 $C_{22}H_{23}NS$ 3-Dibenzo[b,e]thiepin-11 (6H)-ylidine-1 α H,5 α H-tropane.
SD-1248-17 [as hydrochloride]. Anticholinergic.**2854 Tropenzile**

53834-53-0

9908

 $C_{23}H_{27}NO_4$ (3-endo, 6-exo)- α -Hydroxy- α -phenylbenzeneacetic acid
6-methoxy-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester.

Anticholinergic and antispasmodic. mp = 99-101°.

Sandoz Pharmaceuticals Corp.

2855 Tropenzile Hydrochloride

9908

 $C_{23}H_{28}ClNO_4$ (3-endo, 6-exo)- α -Hydroxy- α -phenylbenzeneacetic acid
6-methoxy-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester
hydrochloride.

Anticholinergic and antispasmodic. mp = 146-148°.

Sandoz Pharmaceuticals Corp.

2856 Tropicamide

1508-75-4

9911

216-140-2

 $C_{17}H_{20}N_2O_2$

N-Ethyl-2-phenyl-N-(4-pyridylmethyl)hydracrylamide.

Mydriacyl; Mydriaticum; component of: paremyd.

Anticholinergic (ophthalmic). mp = 96-97°; λ_m = 254 nm(ε 5100 0.025 mg/ml in 0.1N HCl). Hoffmann-LaRoche
Inc.; Alcon Labs.; Allergan, Inc.**2857 Trospium Chloride**

10405-02-4

9918

233-875-4

 $C_{25}H_{30}ClNO_3$ endo-3-[(Hydroxydiphenylacetyl)oxy]spiro[8-
azoniabicyclo[3.2.1]octane-8,1'-pyrrolidinium] chloride.

Relaspium; Spasmex. Anticholinergic and antispasmodic.

mp = 255-257°; LD₅₀ (mus iv) = 12.3 mg/kg. Pfleger.**2858 Valethamate Bromide**

90-22-2

10044

201-977-8

 $C_{19}H_{32}BrNO_2$ N,N-Diethyl-N-methyl-2-(3-methyl-2-
phenylvaleryloxy)ethylammonium bromide.

Resitan; Epidosin; Murel. Anticholinergic. mp = 100-

101°; freely soluble in H₂O, EtOH; insoluble in Et₂O. Kali-
Chemie.**2859 Vamicamide**

132373-81-0

10052

 $C_{18}H_{23}N_3O$ (±)-(R*)- α -[(R*)-2-(Dimethylamino)propyl]- α -phenyl-2-
pyridineacetamide.FK-176. Anticholinergic. mp = 156-157°, 132-134°; [(-)-
(2R,4R) form]: mp = 104°; [α]_D = -103.1° (c = 0.5MeOH); [(+)-(2S,4S) form]: mp = 103-104°; [α]_D =
+103.3° (c = 0.5 MeOH). Fujisawa USA, Inc.**2860 Xenytropium Bromide**

511-55-7

10208

208-129-6

 $C_{30}H_{34}BrNO_3$ endo-(±)-8-([1,1'-Biphenyl]-4-ylmethyl)-3-(3-hydroxy-2-
phenyl-1-oxopropoxy)-8-methyl-8-azoniabicyclo[3.2.1]-
octane bromide.N-399; Gastropin; Gastripon. Anticholinergic and
antispasmodic. mp = 220-222°. Licencia Budapest.**2861 Zamifenacin**

127308-82-1

 $C_{27}H_{29}NO_3$ (R)-3-(Diphenylmethoxy)-1-[3,4-
(methylenedioxy)phenethyl]piperidine.

UK-76654. Selective M3 muscarinic receptor antagonist.

Anticholinergic.

Anticoagulants

2862 Acenocoumarol

152-72-7

29

205-807-3

 $C_{19}H_{15}NO_6$ 3-(α -Acetonyl-p-nitrophenyl)-4-hydroxycoumarin.acenocoumarin; nicoumalone; G-23350; Minisintrom;
Sinthrome; Sintrom. Used as an anticoagulant.mp = 196-199°; insoluble in H₂O or organic solvents;LD₅₀ (mus ip) = 114.7 mg/kg. Ciba-Geigy Corp.**2863 Ancrod**

9046-56-4

671

232-933-6

Agkistrodon serine proteinase.

agkistrododon rhodostoma venom proteinase; A-38414;
Abbott 38414; Arvin; Arwin; Venacil. Proteinase obtainedfrom the venom of the Malan pit viper *Agkistrodon*
rhodostoma. Acts specifically on fibrinogen. Used as an
anticoagulant. Soluble in saline solution. Abbott Labs.**2864 Anisindione**

117-37-3

706

204-186-6

 $C_{16}H_{12}O_3$

2-(p-Methoxyphenyl)indane-1,3-dione.

Miradon; SPE-2792; Unidone. Used as an anticoagulant.

mp = 156-157°. Schering AG.

2865 Aprosulat Sodium

123072-45-7

 $C_{27}H_{34}N_2Na_{16}O_{70}S_{16}$

N,N'-Trimethylenebis[actobionamide]

hexadecakis(sodium sulfate) (ester).

Anticoagulant.

2866 Ardeparin Sodium

9041-08-1

Depolymerized heparin.

Normiflo. Sodium salt of depolymerized heparin obtained
by oxidative degradation of heparin sodium. Used as ananticoagulant. Molecular weight range 5500-6500 with
2.7 sulfate residues/disaccharide unit. Pharmacia Hepar.**2867 Argatroban**

74863-84-6

816

 $C_{23}H_{36}N_6O_5S$ (2R,4R)-4-Methyl-1-[n²-(1,2,3,4-tetrahydro-3-methyl-8-
quinolyl)sulfonyl]-L-arginyl]pipecolic acid.argipidin; MQPA. Synthetic thrombin inhibitor. Used as
an anticoagulant. mp = 188-191°. Mitsubishi Chemical
Corp.

2868 Argatroban Monohydrate

141396-28-3 816



(2R,4R)-4-Methyl-1-[n²-[(1,2,3,4-tetrahydro-3-methyl-8-quinolyl)sulfonyl]-L-arginyl]pipecolic acid monohydrate. Novastan; Slonnon; MCI-9038; MD-805; DK-7419; GN1600. Synthetic thrombin inhibitor. Used as an anticoagulant. mp = 176-180°; $[\alpha]_{\text{D}}^{27} = 76.1^\circ$ (c = 1 0.2N HCl). *Mitsubishi Chemical Corp.*

2869 Bivalirudin

128270-60-0



D-Phenylalanyl-L-prolyl-L-arginyl-L-prolyl-glycylglycylglycylglycyl-L-asparaginylglycyl-L-aspartyl-L-phenylalanyl-L- α -glutamyl-L- α -glutamyl-L-isoleucyl-L-prolyl-L- α -glutamyl-L- α -glutamyl-L-tyrosyl-L-leucine. H-D-Phe-Pro-Arg-Pro-Gly-Gly-Gly-Gly-Asn-Gly-Asp-Phe-Glu-Glu-Ile-Pro-Glu-Glu-Tyr-Leu; Hirulog. 20-merpeptide used as an anticoagulant and antithrombotic. Used as an anticoagulant. *Biogen, Inc.*

2870 Bromindione

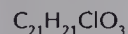
1146-98-1 1414



2-(p-Bromophenyl)-1,3-indanedione. HL-255; MG-2555; Fluidane; Halinone. Used as an anticoagulant. mp = 137-139°. *U. S. Vitamin.*

2871 Clocoumarol

35838-63-2



3-[p-(2-Chloroethyl)- α -propylbenzyl]-4-hydroxycoumarin. Anticoagulant.

2872 Clorindione

1146-99-2 2468 214-553-2



2-(p-Chlorophenyl)-1,3-indanedione. G-25766; MG-2552; Indaliton. Used as an anticoagulant. mp = 145-146°; insoluble in H₂O, soluble in organic solvents; LD₅₀ (mus orl) = 1220 mg/kg. *Ciba-Geigy Corp.*

2873 Coumetarol

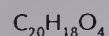
4366-18-1 2633 224-455-1



3,3'-(2-Methoxyethylidene)bis(4-hydroxycoumarin). cumetharol; cumethoxaethane; PH-137; Dicoumoxyl; Dicumoxane. Used as an anticoagulant. mp = 156-157°. *N.V. Amsterdamsche Chininefabriek.*

2874 Cyclocoumarol

518-20-7 2786 208-248-3



3,4-Dihydro-2-methoxy-2-methyl-4-phenyl-2H,5H-pyrano[3,2-c][1]benzopyran-5-one. anticoagulant No. 63; BL-5; Cumopyran; Cumopyrin. Used as an anticoagulant. mp = 166°; soluble in H₂O (1 g/100 ml); slightly soluble in EtOH, vegetable oil. *Abbott Labs.; Wisconsin Alumni Research Foundation.*

2875 Dalteparin Sodium

9041-08-1

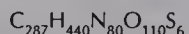
Sodium salt of depolymerized heparin obtained by

nitrous acid degradation of heparin.

Fragmin; Heparin Fragment Kabi 2165. Used as an anticoagulant. *Pharmacia.*

2876 Desirudin

120993-53-5 4754



63-Desulfohirudin.

CGP-39393. A recombinant variation on desulfatohirudin. Used as an anticoagulant. *Ciba-Geigy Corp.*

2877 Dextran Sulfate Sodium

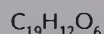
9011-18-1 2993

Dextran sulfuric acid ester sodium salt.

Asuro; Colyonal; Dexulate; Dextrarine; MDS. A heparin-like polysaccharide. Used in veterinary medicine as an anticoagulant. Molecular weight range 4,000 - 500,000; up to 3 sulfate groups per glucose residue.

2878 Dicumarol

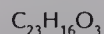
66-76-2 3140 200-632-9



3,3'-Methylenebis[4-hydroxycoumarin]. bishydroxycoumarin; Dicoumarol; Dicoumarin; Dicumol; Dufalone; Melitoxin. Used as an anticoagulant. mp = 297-293°; insoluble in H₂O, EtOH, Et₂O; slightly soluble in C₆H₆, C₅H₅N, CHCl₃; LD₅₀ (rat orl) = 541.6 mg/kg. *Abbott Labs.; Wisconsin Alumni Research Foundation.*

2879 Diphenadione

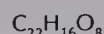
82-66-6 3363 201-434-5



2-(Diphenylacetyl)-1,3-indandione. diphacinone; U-1363; Dipaxin; Oragulant; Solvan; Didandin; Diphacin. Used as an anticoagulant and rodenticide. mp = 146-147°; insoluble in H₂O; slightly soluble in C₆H₆, EtOH; soluble in Me₂CO, AcOH; sodium salt is sparingly soluble in H₂O. *Pharmacia.*

2880 Ethyl Biscoumacetate

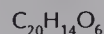
548-00-5 3818 208-940-5



Ethyl bis(4-hydroxy-2-oxo-2H-1-benzopyran-3-yl)acetate. B.O.E.A.; Dicumacyl; Pelentan; Stabilene; Tromexan; Tromexan Ethyl Acetate. Used as an anticoagulant. mp = 154-157°, 177-182°; insoluble in H₂O; soluble in Me₂CO (5 g/100 ml), C₆H₆; slightly soluble in EtOH, Et₂O; LD₅₀ (mus orl) = 0.88 mg/kg, (mus ip) = 0.32 mg/kg, (rat orl) = 0.26 mg/kg, (rat ip) = 1.1 mg/kg. *Spojene+Abbott Labs.*

2881 Ethylidene Dicoumarol

1821-16-5 3858 217-342-3



3,3'-Ethylidenebis[4-hydroxy-2H-1-benzopyran-2-one]. Pertrombon. Used as an anticoagulant. mp = 178°; [dibenzate (C₃₄H₂₂O₈)]: mp = 209-210°. *SPOFA.*

2882 Fluindarol

6723-40-6



2-(α,α,α -Trifluoro-p-tolyl)indan-1,3-dione. Anticoagulant.

2883 Fluindione

957-56-2 4168 213-484-5
 $C_{15}H_9FO_2$
 2-(p-Fluorophenyl)-1,3-indandione.
 LM-123; Previscan. Used as an anticoagulant. mp = 120°;
 LD₅₀ (mus orl) = 240 mg/kg. *U. S. Vitamin; Lipha.*

2884 Heparin

9005-49-6 4685 232-681-7
 Heparinic acid.
 Arteven; Leparan. A glycosaminoglycan with
 anticoagulant properties. Used as an anticoagulant. $[\alpha]_D^{20}$ =
 55°.

2885 Heparin Calcium

37270-89-6 4685
 Calcium heparinate.
 Calciparine; Ecasolv. Used as an anticoagulant.

2886 Heparin Sodium

9041-08-1 4685
 Sodium heparinate.
 Heprinar; Hepsal; Lipo-Hepin; Liquémin; Lipo-Hepinette;
 Longheparin; Monoparin; Panheprin; Pularin; Liquaemin
 Sodium; Minihep; Thrombo-Hepin; Thromboliquine;
 Thrombophob; Unihep. Used as an anticoagulant. $[\alpha]_D^{25}$ =
 47° (c = 1.5 H₂O); soluble in H₂O (5 g/100 ml), saline
 solution; insoluble in EtOH, Me₂CO, C₆H₆, CHCl₃, Et₂O.

2887 Hexadimethrine Bromide

9011-04-5
 $(C_{13}H_{30}Br_2N_2)_n$
 N,N,N',N'-Tetramethyl-1,6-hexanediamine polymer with
 1,3-dibromopropane.
 Anticoagulant.

2888 Hirudin

8001-27-2 4754 232-279-1
 Exhirud; Exhirudine; Hirudex. Anticoagulant extracted
 from the leach *Hirudo medicinalis*. Used as an
 anticoagulant. Single chain polypeptide with 65 amino
 acid residues.

2889 Lepirudin

138068-37-8
 $C_{287}H_{440}N_{80}O_{111}S_6$
 1-L-Leucine-2-L-threonine-63-desulfohirudin.
 recombinant hirudin; r-hirudin; HBW-023; Leu-Thr-Tyr-
 Thr-Asp-Cys(6)-Thr-Glu-Ser-Gly-Asn-Leu-Cys(14)-Leu-
 Cys(16)-Glu-Gly-Ser-Asn-Val-Cys(22)-Gly-Gln-Gly-Asn-
 Lys-Cys(28)-Ile-Leu-Gly-Ser-Asp-Gly-Glu-Lys-Asn-Gln-
 Cys(39)-Val-Thr-Gly-Glu-Glu-Thr-Pro-Lys-Pro-Gln-Ser-
 His-Asn-Asp-Gly-Asp-Phe-Glu-Glu-Ile-Pro-Glu-Glu-Tyr-
 Leu-Gln [(6→14),(16→28),(22→39) cyclic disulfide.
 Recombinant hirudin. Produces parenteral
 anticoagulation for treatment of heparin-induced
 thrombocytopenia. Antithrombotic; anticoagulant.

2890 Lyapolate Sodium

25053-27-4 5645
 PES; Peson
 Sodium ethenosulfonate polymer.
 sodium apolate; ethene sulfonic acid homopolymer. Used
 as an anticoagulant. *Hoechst-Roussel Pharmaceuticals*
Inc.

2891 Nafamostat Mesylate

82956-11-4 6436
 $C_{21}H_{25}N_5O_8S_2$
 6-Amidino-2-naphthyl p-guanidino benzoate
 dimethanesulfonate.
 FUT-175; nafamostat mesylate; Futhan. A protease
 inhibitor. Used as an anticoagulant. mp = 217-220°,
 260° (dec). *Torii.*

2892 Oxazidione

27591-42-0 7060 248-550-2
 $C_{20}H_{19}NO_3$
 2-(Morpholinomethyl)-2-phenyl-1,3-indanedione.
 mofedione; LD-4610; Transidione; Amplidione. Used as
 an anticoagulant. mp = 88°; LD₅₀ (mus orl) = 235 mg/kg;
 [hydrochloride]: mp = 150°. *Lab. Dausse.*

2893 Pentosan Polysulfate

37300-21-3 7276
 $[C_5H_8O_{10}S_2]_{6-12}$
 (1→4)-β-D-Xylan 2,3-bis(hydrogen sulfate).
 xylan hydrogen sulfate; xylan polysulfate; CB-8061.
 Sulfated β-D-xylopyranose polymer. Used as an
 anticoagulant and antithrombotic. *Wander Pharma.*

2894 Pentosan Polysulfate Sodium Salt

37319-17-8 7276
 $[C_5H_6NaO_{10}S_2]_{6-12}$
 (1→4)-β-D-Xylan 2,3-bis(hydrogen sulfate) sodium salt.
 SP54; PZ68; sodium pentosan polysulfate; sodium xylan
 polysulfate; Cartrophen; Elmiron; Fibrase; Fibrezym;
 Héoclar; Thrombocid. Sodium salt of sulfated β-D-
 xylopyranose polymer. Used as an anticoagulant and
 antithrombotic. $[\alpha]_D^{20}$ = -57°; soluble in H₂O. *Wander*
Pharma.

2895 Phenindione

83-12-5 7381 201-454-4
 $C_{15}H_{10}O_2$
 2-Phenyl-1,3-indanedione.
 Hedulin; Indon; Pindione; Bindan; Dindevan; Dineval;
 Hemolidione; Indema; Fenilin; Fenhydren; Rectadione;
 Cronodione; Thrombasal. Used as an anticoagulant. mp =
 149-151°; insoluble in cold H₂O; slightly soluble in warm
 H₂O; soluble in MeOH, EtOH, Et₂O, Me₂CO, C₆H₆,
 CHCl₃. *Marion Merrell Dow Inc.; Parke-Davis.*

2896 Phenprocoumon

435-97-2 7413 207-108-9
 $C_{18}H_{16}O_3$
 3-(α-Ethylbenzyl)-4-hydroxycoumarin.
 Falithrom; Marcoumar; Marcumar; Liquamar. Used as an
 anticoagulant. mp = 179-180°. *Hoffmann-LaRoche Inc.*

2897 Phosvitin

9008-96-2 7522
 A phosphoprotein of molecular weight ca. 40,000,
 isolated from egg yolk. Used as an anticoagulant.

2898 Picotamide

32828-81-2 7560 251-245-7
 $C_{21}H_{20}N_4O_3$
 4-Methoxy-N,N'-bis(3-pyridinylmethyl)-1,3-
 benzenedicarboxamide.
 G-137; Plactidil [as monohydrate]. Antithrombotic,

fibrinolytic and anticoagulant. Used as an anticoagulant.
mp = 124°; LD₅₀ (mus ip) = 1205 mg/kg. Soc. *Italo-Brit. L. Manetti*.

2899 Tinzaparin Sodium

9041-08-1

Sodium salt of polymerized heparin obtained by heparinase from *Flavobacterium heparinum* (heparin lyase).
Used as an anticoagulant.

2900 Tiocloamarol

22619-35-8 9594 245-132-1

C₂₂H₁₆Cl₂O₄S

3-[5-Chloro-α-(p-chloro-β-hydroxyphenethyl)-2-thenyl]-4-hydroxycoumarin.

Apegmone. Used as an anticoagulant. mp = 104°. *Lipha*.

2901 Warfarin

81-81-2 10174 201-377-6

C₁₉H₁₆O₄

3-(α-Acetylbenzyl)-4-hydroxycoumarin.

compound 42; WARF compound 42; Co-Rax; Rodex.
Used as a rodenticide and an anticoagulant. mp = 161°;

λ_m = 308 nm (ε 13610 H₂O); soluble in Me₂CO, dioxane;
slightly soluble in MeOH, EtOH, iPrOH, some oils;
insoluble in H₂O, C₆H₆, C₆H₁₂.

2902 Warfarin Sodium

129-06-6 10174 204-929-4

C₁₉H₁₅NaO₄

3-(α-Acetylbenzyl)-4-hydroxycoumarin sodium salt.

Coumadin; Panwarfin; Marevan; Prothromadin;
Tintorane; Warfilone; Waran. Used as a rodenticide and
an anticoagulant. Very soluble in H₂O, EtOH; slightly
soluble in CHCl₃, Et₂O; LD₅₀ (mrat orl) = 323 mg/kg, (frat
orl) = 58 mg/kg, (mus orl) = 374 mg/kg, (rbt orl) ≅ 800
mg/kg, (mrat orl) = 100.3 mg/kg, (frat orl) = 8.7 mg/kg.
DuPont Merck Pharmaceutical Co.; Abbott Labs.

Anticonvulsants**2903 Acetylpheneturide**

13402-08-9 101 236-493-6

C₁₃H₁₆N₂O₃

1-Acetyl-3-(2-phenylbutyl)urea.

Crampol. An anticonvulsant. mp = 100-101°; LD₅₀ (mus
orl) = 1174 mg/kg. *Dainippon Pharmaceutical Co*.

2904 Albutoin

830-89-7 218

C₁₀H₁₆N₂OS

3-Allyl-5-isobutyl-2-thiohydantoin.

BAX422Z; CO-ORD; Euprax. An anticonvulsant. mp =
210-211°.

2905 Aloxidone

526-35-2 315 208-389-0

C₇H₉NO₃

3-Allyl-5-methyl-2,4-oxazolidinedione.

allomethadione; Malidone; Malazol. An anticonvulsant.
bp_{0.5} = 86-87°, bp_{1.8+ks} = 88-90°; slightly soluble in
H₂O, soluble in EtOH. *kLusofarmico*.

2906 Ameltolide

787-93-9

C₁₅H₁₆N₂O

4-Amino-2',6'-benzoxylidide.

LY-201116. An anticonvulsant. *Eli Lilly & Co*.

2907 Aminoglutethimide

125-84-8 460 204-756-4

C₁₃H₁₆N₂O₂

2-(p-Aminophenyl)-2-ethylglutarimide.

Cytadren; Elipten; Orimeten. An anticonvulsant. mp =
149-150°; insoluble in H₂O; poorly soluble in EtOAc,
EtOH; readily soluble in other organic solvents;
[hydrochloride]: mp = 223-225°, soluble in H₂O. *Ciba-Geigy Corp*.

2908 4-Amino-3-Hydroxybutyric Acid

352-21-6 464 206-518-5

C₄H₉NO₃

σ-Amino-β-hydroxybutyric acid.

bukamin; GABOB; Gabomade; Gamibetal. An
anticonvulsant. [DL-form]: mp = 218° (dec); soluble in
H₂O, sparingly soluble in organic solvents; [D(+)-form]:
mp = 214° (dec); [α]_D²⁰ = 18.3° (c = 2 H₂O); [L(-)-form]: mp
= 212° (dec), 216-217° (dec); [α]_D²⁰ = -21.06° (c = 2 H₂O, -
20.7° (c = 1.83 H₂O). *Kaken; Antonio Gallardo S.A*.

2909 Atolide

16231-75-7

C₁₈H₂₃N₃O

2-Amino-4'-(diethylamino)-o-benzotoluidide.

W-5733; Go-1213. An anticonvulsant. *Parke-Davis*.

2910 Atrolactamide

2019-68-3 904

C₉H₁₁NO₂

2-Hydroxy-2-phenylpropionamide.

M-144; Themisone. An anticonvulsant. [DL-form]: mp =
102°; freely soluble in H₂O; [L-form]: mp = 62.5-63.5°;
[α]_D¹⁵ = 12.8° (c = 2.2 Me₂CO); freely soluble in H₂O;
soluble in EtOH, Me₂CO.

2911 Avizafone

65617-86-9

C₂₂H₂₇ClN₄O₃

2'-Benzoyl-4'-chloro-2-[(S)-2,6-diaminohexanamido]-N-
methylacetanilide.

Ro-03-7355/000; Pro-diazepam. Anticonvulsant and
anxiolytic. *Hoffmann-LaRoche Inc*.

2912 Beclamide

501-68-8 1045 207-927-1

C₁₀H₁₂ClNO

N-Benzyl-3-chloropropionamide.

chloroethylphenamide; Chloracon; Hibicon; Neuracen;
Nidrane; Posedrine; Seclar. An anticonvulsant. mp = 94°;
slightly soluble in H₂O (0.005 - 0.01 g/100 ml);
moderately soluble in EtOH, MeOH. *American Cyanamid*.

2913 Brosuximide

22855-57-8

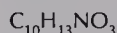
C₁₀H₈BrNO₂

2-(m-Bromophenyl)succimide.

An antineoplastic agent.

2914 Buramate

4663-83-6 1525



2-Hydroxyethyl benzylcarbamate.

AC-601; NSC-30223; Hyamate. Anticonvulsant and antipsychotic. Used as an an anticonvulsant. mp = 40°. *Ascher, B.F. & Co.*

2915 Calcium Bromide

7789-41-5 1693 232-164-6

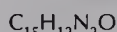
Br_2Ca

Calcium dibromide.

Anticonvulsant and sedative. Used as an an anticonvulsant. mp = 730°; $d_4^{20} = 3.353$; very soluble in H_2O , MeOH, EtOH, Me_2CO ; insoluble in dioxane, CHCl_3 , Et_2O .

2916 Carbamazepine

298-46-4 1826 206-062-7



5H-Dibenz[b,f]azepine-5-carboxamide.

Epitol; Tegretol; G-32883; Biston; Calepsin; Carbelan; Finlepsin; Sirtal; Stazepine; Tegelal. Analgesic and anticonvulsant. Used as an an anticonvulsant. mp = 190-193°; soluble in EtOH, Me_2CO , propylene glycol; insoluble in H_2O ; LD_{50} (mus orl) = 3750 mg/kg, (rat orl) = 4025 mg/kg. *Lemmon Co.; Ciba-Geigy Corp.*

2917 Cinromide

58473-74-8 2371

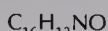


(E)-m-Bromo-N-ethylcinnamamide.

BW-122U; Vumide. An anticonvulsant. mp = 89-90°; LD_{50} (mus ip) = 660 ± 28 mg/kg, (mus orl) = 2277 ± 250 mg/kg. *Glaxo Wellcome Inc.*

2918 Citenamide

10423-37-7



5H-Dibenzo[a,d]cycloheptene-5-carboxamide.

AY-15613. An anticonvulsant. *Wyeth-Ayerst Labs.*

2919 Clomethiazole

533-45-9 2444 208-565-7



5-(2-Chloroethyl)-4-methylthiazole.

S.C.T.Z.; chlorethiazol; chlormethiazole. A sedative, hypnotic and anticonvulsant. Used as an an anticonvulsant. Oily liquid, $d_4^{25} = 1.233$; $\text{bp}_7 = 92^\circ$; [hydrochloride]: mp = 130°; soluble in H_2O , EtOH; [methanedilsulfonate]: mp = 120°. *Hoffmann-LaRoche Inc.*

2920 Clomethiazole Ethanedisulfonate

1867-58-9 2444 217-483-0



5-(2-Chloroethyl)-4-methylthiazole edisylate.

Distraneurin; Hemineurin; Heminevrin. A sedative, hypnotic and anticonvulsant. Used as an an anticonvulsant. mp = 124°. *Hoffmann-LaRoche Inc.*

2921 Clonazepam

1622-61-3 2449 216-596-2



5-(o-Chlorophenyl)-1,3-dihydro-7-nitro-2H-1,4-benzodiazepin-2-one.

Clonopin; Klonopin; Ro-5-4023; Iktorivil; Landsen; Rivotril. Antiepileptic agent with anxiolytic and antimanic properties. Used as an an anticonvulsant. mp = 236.5-238.5°; $\lambda_m = 248, 310 \text{ nm}$ (ϵ 14500 11600 MeOH/iPrOH); soluble in Me_2CO (3.1 g/100 ml), CHCl_3 (1.5 g/100 ml), MeOH (0.86 g/100 ml), Et_2O (0.07 g/100 ml), C_6H_6 (0.05 g/100 ml), H_2O (< 0.01 g/100 ml); LD_{50} (mus orl) > 4000 mg/kg. *Hoffmann-LaRoche Inc.*

2922 Cyheptamide

7199-29-3 2828 230-570-8

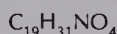


10,11-Dihydro-5H-dibenzo[a,d]cycloheptene-5-carboxamide.

AY-8682. An anticonvulsant. mp = 193-194°; soluble in CHCl_3 ; sparingly soluble in MeOH, Me_2CO ; slightly soluble in EtOH, Et_2O ; insoluble in H_2O ; LD_{50} (mus orl) = 4200-5200 mg/kg, (mus ip) = 2400-2600 mg/kg. *Wyeth-Ayerst Labs.*

2923 Decimemide

14817-09-5 2909

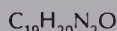


4-(Decyloxy)-3,5-dimethoxybenzamide.

EGYT-1050; Denegy. An anticonvulsant. mp = 121-122°; LD_{50} (mus orl) = 2950 mg/kg, (rat orl) = 1650 mg/kg. *EGYT.*

2924 Denzimol

73931-96-1



(±)-α-(p-Phenethylphenyl)imidazole-1-ethanol.

Anticonvulsant.

2925 Dezinamide

91077-32-6

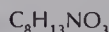


3-[(α,α,α)-m-Tolyloxy]-1-azetidinecarboxamide.

AHR-11748; AN-051. An anticonvulsant. *Athena Neurosciences, Inc.*

2926 Diethadione

702-54-5 3155 211-867-1

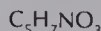


5,5-Diethyldihydro-2H-1,3-oxazine-2,4(3H)-dione.

Dioxone; Ledosten; Persisten; Tocèn. Anticonvulsant, analeptic. Used as an an anticonvulsant. mp = 97-98°; LD_{50} (mus ip) = 52 mg/kg, (mus orl) = 130 mg/kg, (rat ip) = 31.6 mg/kg, (rat orl) = 70.5 mg/kg. *Gruppo Lepetit S.p.A.*

2927 Dimethadione

695-53-4 3260 211-781-4

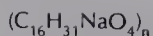


5,5-Dimethyl-2,4-oxazolidinedione.

BAX-1400Z; AC-1198; DMO; NSC-30152; Eupractone. Metabolite of trimethadione. An anticonvulsant. mp = 76-77°; LD_{50} (mus iv) = 450 mg/kg.

2928 Divalproex Sodium

76584-70-8 10049



Sodium hydrogen bis(2-propylvalerate) oligomer.
Depakote; Abbott 50711. Anticonvulsant and epileptic.
An anticonvulsant. *Abbott Labs.*

2929 Doxenitoin

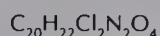
3254-93-1 3491 221-851-6



5,5-Diphenyl-4-imidazolidinone.
SKF-2599; Glior. An anticonvulsant. mp = 183°, 185.5-186.5°; soluble in AcOH; moderately soluble in EtOH, EtOAc, C₆H₆, CHCl₃; insoluble in H₂O, petroleum ether; [hydrochloride]: mp = 205-206° (dec). *SmithKline Beecham Pharmaceuticals.*

2930 Dulozafone

75616-02-3



2-[Bis(2-hydroxyethyl)amino]-4'-chloro-2'-(o-chlorobenzoyl)-N-methylacetanilide.
Anticonvulsant.

2931 Esuprone

91406-11-0



7-Hydroxy-3,4-dimethylcoumarin ethanesulfonate.
Anticonvulsant.

2932 Etazepine

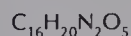
88124-27-0



(±)-11-Ethoxy-5,11-dihydro-5-methyl-6H-dibenz[b,e]azepin-6-one.
Anticonvulsant.

2933 Eterobarb

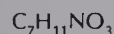
27511-99-5 3758



5-Ethyl-1,3-bis(methoxymethyl)-5-phenylbarbituric acid.
Antilon; EX 12-095; RMI-16238; eterobarbital. An anticonvulsant. mp = 116-118°; LD₅₀ (mus orl) = 470 mg/kg. *Marion Merrell Dow Inc.*

2934 Ethadione

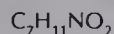
520-77-4 3762 208-297-0



3-Ethyl-5,5-dimethyl-2,4-oxazolidinedione.
Dimedione; Petidiol; Didione; Petidion; Epinyll; Etydion; Petisan; Neo-Absentol. An anticonvulsant. mp = 76-77°. *KLusofarmico.*

2935 Ethosuximide

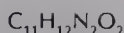
77-67-8 3794 201-048-7



2-Ethyl-2-methylsuccinimide.
Zarontin; CI-366; CN-10395; PM-671; NSC-64013; Atysmal; Capitus; Emeside; Epileo Petital; Ethymal; Mesentol; Pemal; Peptinimid; Petinimid; Petnidan; Pyknolepsinum; Simatin; Succimal; Suxilep; Suximal; Suxinutin. An anticonvulsant. mp = 64-65°; freely soluble in H₂O; LD₅₀ (mus ip) = 1650 mg/kg, (mus orl) = 1750 mg/kg. *Parke-Davis.*

2936 Ethotoin

86-35-1 3795 201-665-1



3-Ethyl-5-phenylimidazolidin-2,4-dione.
Peganone. An anticonvulsant. mp = 94°; sparingly soluble in cold H₂O; more soluble in hot H₂O; soluble in EtOH, Et₂O, C₆H₆. *Abbott Labs.*

2937 Etiracetam

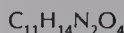
33996-58-6



(±)-α-Ethyl-2-oxo-1-pyrrolidineacetamide.
Anticonvulsant.

2938 Felbamate

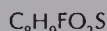
25451-15-4 3988 247-001-4



2-Phenyl-1,3-propanediol dicarbamate.
Felbatol; W-554; Felbamyl; Taloxa; ADD-03055. An anticonvulsant. mp = 151-152°; sparingly soluble in H₂O, EtOH, MeOH, Me₂CO, CHCl₃; freely soluble in DMSO, DMF, 1-methyl-2-pyrrolidinone; LD₅₀ (mus ip) = 4000 mg/kg. *Carter-Wallace.*

2939 Fluoresone

2924-67-6 4197 220-889-0



Ethyl p-fluorophenyl sulfone.

Bripadon; Caducid. An anticonvulsant. mp = 41°; LD₅₀ (mus orl) = 2500 mg/kg, 850 mg/kg, 542 mg/kg. *CNRS.*

2940 Flurazepam

17617-23-1 4233 241-591-7



7-Chloro-1-(2-diethylamino)ethyl]-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one.
Felmane; Noctosom; Stauroderm. An anticonvulsant. mp = 77-82°. *Hoffmann-LaRoche Inc.*

2941 Flurazepam Hydrochloride

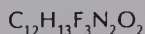
1172-18-5 4233 214-630-0



7-Chloro-1-(2-diethylamino)ethyl]-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one dihydrochloride.
Dalmane; Ro-5-6901; NSC-78559; Benozil; Dalmador; Dalmate; Dormodor; Felson; Insumin; Lunipax; Somlan. An anticonvulsant. mp = 190-220°; LD₅₀ (mus ip) = 290 mg/kg, (mus orl) = 870 mg/kg, (mus iv) = 84 mg/kg. *Hoffmann-LaRoche Inc.*

2942 Fluzinamide

76263-13-3



N-Methyl-3-[(α,α,α-trifluoro-m-tolyl)oxy]-1-azetidinecarboxamide.
AHR-8559. An anticonvulsant. *Robins, A.H. Co.*

2943 Fosphenytoin Sodium

92134-98-0



3-(Hydroxymethyl)-5,5-diphenylhydantoin disodium phosphate (ester).
Cetebyx; ACC-9653-010 [as sodium salt]. An anticonvulsant. *Parke-Davis.*

2944 Gabapentin

60142-96-3 4343 262-076-3
 $C_9H_{17}NO_2$
 1-(Aminomethyl)cyclohexanecarboxylic acid.
 Neurontin; CI-945; GOE-3450. An anticonvulsant. mp = 162-166°, 165-167°; soluble in H_2O (> 10 g/100 ml at pH 7.4). *Parke-Davis*.

2945 Gacyclidine

68134-81-6
 $C_{16}H_{25}NS$
 1-[cis-2-Methyl-1-(2-thienyl)cyclohexyl]piperidine.
 An NMDA antagonist. Antiepileptic and neuroprotective.

2946 Ganaxolone

38398-32-2
 $C_{22}H_{36}O_2$
 3 α -Hydroxy-3-methyl-5 α -pregnan-20-one.
 Antiepileptic, anticonvulsant.

2947 Glutaurine

56488-60-9
 $C_7H_{14}N_2O_6S$
 N-(2-Sulfoethyl)-L-glutamine.
 Antiepileptic, anticonvulsant.

2948 5-Hydroxytryptophan

56-69-9 4895 200-284-8
 $C_{11}H_{12}N_2O_3$
 5-Hydroxytryptophan.
 5-HTP. An anticonvulsant; used as an antidepressant and antimigraine.

2949 5-Hydroxytryptophan D-form

4350-07-6 4895
 $C_{11}H_{12}N_2O_3$
 D-5-Hydroxytryptophan.
 5-HTP. An anticonvulsant; used as an antidepressant and antimigraine. $[\alpha]_D^{20} = 32.2^\circ$ (H_2O).

2950 5-Hydroxytryptophan DL-form

114-03-4 4895 204-039-6
 $C_{11}H_{12}N_2O_3$
 DL-5-Hydroxytryptophan.
 5-HTP; Prétonine; Quietim. An anticonvulsant. Used as an antidepressant and antimigraine. mp = 298-300° (dec); $\lambda_m = 278$ nm (H_2O at pH 6); soluble in H_2O (1 g/100 ml at 5°, 5.5 g/100 ml at 100°), 50% EtOH (2.5 g/100 ml at 70°).

2951 5-Hydroxytryptophan L form

4350-09-8 4895 224-411-1
 $C_{11}H_{12}N_2O_3$
 L-5-Hydroxytryptophan.
 5-HTP; oxitriptan; L-5HTP; Cincofarm; Levothym; Lévothinine; Oxyfan; Serotonin; Telesol; Triptene; Tript-Oh. An anticonvulsant; used as an antidepressant and antimigraine. $[\alpha]_D^{20} = -32.5^\circ$ (H_2O), $[\alpha]_D^{20} = 16^\circ$ (4N HCl).

2952 Ilepimide

82857-82-7
 $C_{15}H_{17}NO_3$
 1-[(E)-3,4-(Methylenedioxy)cinnamoyl]piperidine.
 Antiepileptic. An anticonvulsant. *Ohio State*

University.

2953 Lamotrigine

84057-84-1 5367 281-901-8
 $C_9H_7Cl_2N_3$
 3,5-Diamino-6-(2,3-dichlorophenyl)-as-triazine.
 Lamictal; BW-430C; LTG. An anticonvulsant. mp = 216-218°; LD₅₀ (mus orl) = 250 mg/kg, (rat orl) > 640 mg/kg.
Glaxo Wellcome Inc.

2954 Levetiracetam

102767-28-2
 $C_8H_{14}N_2O_2$
 (S)- α -Ethyl-2-oxo-1-pyridolidineacetamide.
 ucb-L059. Anticonvulsant.

2955 Losigamone

112856-44-7
 $C_{12}H_{11}ClO_4$
 (5R*)-5-[(α S*)-o-Chloro- α -hydroxybenzyl]-4-methoxy-2(5H)furanone.
 AO-33. Anticonvulsant; antiepileptic.

2956 Magnesium Bromide

7789-48-2 5695 232-170-9
 Br_2Mg
 Magnesium dibromide.
 An anticonvulsant and sedative. mp = 165° (dec); soluble in H_2O (333 g/100 ml), soluble in EtOH.

2957 Magnesium Sulfate

7487-88-9 5731 231-298-2
 MgO_4S
 Magnesium sulfate.
 Kieserite [as monohydrate]; [heptahydrate]: Epsom salts, bitter salts, epsomite. The heptahydrate is an anticonvulsant and cathartic. d = 1.67; soluble in H_2O (71 g/100 ml at 20°, 91 g/100 ml at 40°), slightly soluble in EtOH. *Dow Chemical U.S.A.*

2958 Mephénytoin

50-12-4 5898 200-012-8
 $C_{12}H_{14}N_2O_2$
 5-Ethyl-3-methyl-5-phenylhydantoin.
 Mesantoin; Mesdointoin; 3-ethylnirvanol; Phenantoin; Sedantoin; Gerot-Epilan; Sacerno; component of: Hydantal. An anticonvulsant. mp = 136-137°; insoluble in H_2O ; LD₁₀₀ (rat ip) = 270 mg/kg. *Sandoz Pharmaceuticals Corp.*

2959 Mephobarbital

115-38-8 5899 204-085-7
 $C_{13}H_{14}N_2O_3$
 5-Ethyl-1-methyl-5-phenylbarbituric acid.
 Mebaral; Menta-Bal; Phemiton; Prominal; Mebaral, Isonal; component of: Mebroin. An anticonvulsant, sedative, hypnotic. mp = 176°; slightly soluble in cold H_2O ; freely soluble in hot H_2O , EtOH. *Sterling Winthrop, Inc.; Marion Merrell Dow Inc.*

2960 Metharbital

50-11-3 6029 200-011-2
 $C_9H_{14}N_2O_3$
 5,5-Diethyl-1-methylbarbituric acid.
 Gemonil. An anticonvulsant. mp = 155°; soluble in H_2O

(0.12 g/100 ml), EtOH (4.3 g/100 ml), Et₂O (2.6 g/100 ml). *Abbott Labs.*

2961 Methetoin

5696-06-0 6046

C₁₂H₁₄N₂O₂

5-Ethyl-1-methyl-5-phenylhydantoin.

Deltoin; N-3; NSC-524411. An anticonvulsant. mp = 210°. *Sandoz Pharmaceuticals Corp.*

2962 Methsuximide

77-41-8 6085 201-026-7

C₁₂H₁₃NO₂

N,2-Dimethyl-2-phenylsuccinimide.

Celontin; Petinutin; mesuximide. An anticonvulsant. mp = 52-53°; bp_{0.1} = 121-122°; freely soluble in MeOH, EtOH; LD₅₀ (mus orl) = 1550 mg/kg. *Parke-Davis.*

2963 3-Methyl-5-Phenylhydantoin

6846-11-3 6187

C₁₀H₁₀N₂O₂

3-Methyl-5-phenyl-2,4-imidazolidinedione.

Norantoin; Nuvarone. An anticonvulsant. mp = 162-163°.

2964 5-Methyl-5-(3-phenanthryl)hydantoin

3784-92-7 6184

C₁₈H₁₄N₂O₂

5-Methyl-5-(3-phenathrenyl)-2,4-imidazolidinedione.

An anticonvulsant. mp = 236-237°.

2965 5-Methyl-5-(3-phenanthryl)hydantoin Sodium Salt

74449-59-5 6184

C₁₈H₁₃N₂NaO₂

5-Methyl-5-(3-phenathrenyl)-2,4-imidazolidinedione sodium salt.

Bagrosin-Natrium. An anticonvulsant.

2966 Milacemide Hydrochloride

76990-85-7

C₇H₁₇ClN₂O

2-(Pentylamino)acetamide hydrochloride.

CP-1552S. An anticonvulsant. *Searle, G.D., & Co.*

2967 Nabazenil

58019-65-1

C₃₅H₅₅NO₃

3-(1,2-Dimethylheptyl)-7,8,9,10-tetrahydro-6,6,9-trimethyl-6H-dibenzo[b,d]pyran-1-yl

hexahydro-1H-azepine-1-butyrate.

SP-175. An anticonvulsant.

2968 Nafimidone Hydrochloride

70891-37-1

C₁₅H₁₃ClN₂O

2-Imidazol-1-yl-2'-acetonephthone monohydrochloride.

An anticonvulsant. *Syntex Labs. Inc.; C.M. Industries.*

2969 Narcobarbital

125-55-3 6509

C₁₁H₁₅BrN₂O₃

Sodium salt.

enibomal. An anticonvulsant. mp = 115°; sparingly soluble in H₂O; soluble in MeOH, EtOH, C₅H₅N. *Riedel*

de Haen.

2970 Narcobarbital Sodium Salt

3329-16-6 6509 222-050-4

C₁₁H₁₄BrN₂NaO₃

5-(2-Bromo-2-propenyl)-1-methyl-5-(1-methylethyl)-2,4,6-(1H,3H,5H)-pyrimidinetrione sodium salt.

Eunarcon; Narcotal. An anticonvulsant. Soluble in H₂O. *Riedel de Haen.*

2971 Nimetazepam

2011-67-8 6641 217-931-5

C₁₆H₁₃N₃O₃

1,3-Dihydro-1-methyl-7-nitro-5-phenyl-2H-

1,4benzodiazepin-2-one.

S-1530; Elimin; Hypnon. An anticonvulsant and skeletal muscle relaxant. mp = 156.5-157.5°; λ_m = 259, 308 nm (ε = 15800 9600 MeOH); LD₅₀ (mmus orl) = 910 mg/kg, (mmus ip) = 970 mg/kg, (mmus sc) = 1500 mg/kg, (fms orl) = 750 mg/kg, (fms ip) = 840 mg/kg, (fms sc) = 1500 mg/kg, (mrat orl) = 1150 mg/kg, (mrat ip) = 970 mg/kg, (mrat sc) = 1000 mg/kg, (frat orl) = 970 mg/kg, (frat ip) = 980 mg/kg, (frat sc) = 1000 mg/kg. *Hoffmann-LaRoche Inc.*

2972 Nitrazepam

146-22-5 6667 205-665-2

C₁₅H₁₁N₃O₃

1,3-Dihydro-7-nitro-5-phenyl-2H-1,4benzodiazepin-2-one.

Mogadon; Ro-4-5360; Ro-5-3059; NSC-58775; Benzalin; Calmin; Eatan; Eunotin; Imeson; Insomin; Ipersed; Mogadan; Nelbon; Neuchlonic; Nitrados; Nitrenpax; Noctesed; Pelson; Radedorm; Remnos; Somnased; Somnibel; Somnite; Sonebon; Surem; Unisomnia. An anticonvulsant and sedative/hypnotic. mp = 224-226°; λ_m = 277.5 nm (ε_{1 cm}^{1%} = 1500 0.1N H₂SO₄); soluble in EtOH, Me₂CO, EtOAc, CHCl₃; insoluble in H₂O, Et₂O, C₆H₆, C₆H₁₄; LD₅₀ (rat orl) = 825 ± 80 mg/kg. *Hoffmann-LaRoche Inc.*

2973 Oxcarbazepine

28721-07-5 7063 249-188-8

C₁₅H₁₂N₂O₂

10,11-Dihydro-10-oxo-5H-dibenz[b,f]azepine-5-carboxamide.

oxcarbazepine; GP-47680; Trileptal. An anticonvulsant. mp = 215-216°. *Ciba-Geigy Corp.*

2974 Paramethadione

115-67-3 7161 204-098-8

C₇H₁₁NO₃

5-Ethyl-3,5-dimethyl-2,4-oxazolidinedione.

Paradione. An anticonvulsant. Liquid; d₄²⁵ = 1.1180-1.1240; slightly soluble in H₂O; freely soluble in EtOH, CHCl₃, C₆H₆, Et₂O. *Abbott Labs.*

2975 Phenacemide

63-98-9 7343 200-570-2

C₉H₁₀N₂O₂

(Phenylacetyl)urea.

Phenurone; phenacetylurea; Epiclast; Phacetur; Phetylureum. An anticonvulsant. mp = 212-216°; slightly soluble in H₂O, EtOH, C₆H₆, CHCl₃, Et₂O; LD₅₀ (mus orl)

= 987 mg/kg, (rat orl) > 1781 mg/kg. *Abbott Labs.*

2976 Phenaglycodol

79-93-6 201-235-3
 $C_{11}H_{15}ClO_2$
 2-(p-Chlorophenyl)-3-methyl-2,3-butanediol.
 Has anxiolytic and possibly anti-epileptic properties.
 Antiepileptic.

2977 Phenetharbital

357-67-5 7368 206-615-2
 $C_{14}H_{16}N_2O_3$
 5,5-Diethyl-1-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione.
 phenidiemal; Fedibaretta; Pyricital. An anticonvulsant. mp
 = 178°; freely soluble in hot H_2O .

2978 Pheneturide

90-49-3 7375 201-998-2
 $C_{11}H_{14}N_2O_2$
 2-Phenylbutyrylurea.
 EPA; PBU; Benuride; ethylphenacetamide. An
 anticonvulsant. [dl-form]: mp = 149-150°; [d-form]: mp =
 168-169°; $[\alpha]_D^{17} = 54.0^\circ$ (c = 1 EtOH), $[\alpha]_D^{22} = 53.8^\circ$ (c = 1
 Me_2CO), 48.2° (c = 1 dioxane); [l-form]: mp = 162-163°;
 $[\alpha]_D^{30} = -51.6^\circ$ (c = 1 EtOH). *Labs. Sapos.*

2979 Phenobarbital

50-06-6 7386 200-007-0
 $C_{12}H_{12}N_2O_3$
 5-Ethyl-5-phenylbarbituric acid.
 Eskabarb; Luminal; Solfoton; Talpheno; Agrypnal;
 Barbiphenyl; Barbipil; Gardenal; Phenobal; ; component
 of: Antrocol, Barbidonna, Bronkotabs, Chardonna-2,
 Donnatal, Donnazyme, Hydantal, Kinesed, Levsin PB
 Drops and Tablets, Quadrinal, Tedral. . An
 anticonvulsant, sedative and hypnotic. mp = 174-178°;
 $\lambda_m = 240$ nm ($A_{1\text{ cm}}^{1\%}$ 431 pH10), 256 nm ($A_{1\text{ cm}}^{1\%}$ 314 0.1N
 NaOH); soluble in H_2O (0.1 g/100 ml), EtOH (12.5 g/100
 ml), $CHCl_3$ (2.5 g/100 ml), Et_2O (7.7 g/100 ml), C_6H_6
 (0.14 g/100 ml); LD_{50} (rat orl) = 162 ± 14 mg/kg.
SmithKline Beecham Pharmaceuticals; Sterling Winthrop,
Inc.; Marion Merrell Dow Inc.; Wallace Labs.; Schwarz
Pharma Kremers Urban Co.; Robins, A.H. Co.; Sandoz
Pharmaceuticals Corp.; Zeneca Pharmaceuticals; Knoll
Pharmaceutical Co.; Parke-Davis.

2980 Phenobarbital Sodium

57-30-7 7386 200-322-3
 $C_{12}H_{11}N_2NaO_3$
 5-Ethyl-5-phenylbarbituric acid sodium salt.
 Luminal Sodium; sol phenobarbital; sol phenobarbitone.
 An anticonvulsant, sedative and hypnotic. Soluble in H_2O
 (100 g/100 ml), EtOH (10 g/100 ml); insoluble in Et_2O ,
 $CHCl_3$; LD_{50} (rat orl) = 660 mg/kg. *Sterling Winthrop, Inc.;*
Wyeth-Ayerst Labs.

2981 Phensuximide

86-34-0 7414 201-664-6
 $C_{11}H_{11}NO_2$
 (±)-N-Methyl-2-phenylsuccinimide.
 Milontin; Lifene; Mironin; Succitfmal. An anticonvulsant.
 mp = 71-73°; slightly soluble in H_2O ($\cong$ 0.42 g/100 ml at
 25°); freely soluble in EtOH, MeOH; LD_{50} (mus orl) = 960

mg/kg. *Parke-Davis.*

2982 Phenylmethylbarbituric Acid

76-94-8 7457 200-994-8
 $C_{11}H_{10}N_2O_3$
 5-Methyl-5-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione.
 Rutonal. An anticonvulsant, sedative and hypnotic. mp =
 226°; insoluble in H_2O ; soluble in EtOH, Et_2O ; has water-
 soluble sodium salt. *Bayer Corp.*

2983 Phenytoin

57-41-0 7475 200-328-6
 $C_{15}H_{12}N_2O_2$
 5,5-Diphenylhydantoin.
 Dilantin; Difhydan; Dihycon; Di-Hydan; Ekko; Hydantin;
 Hydantol; Lehydan; Lepitoin; Phenhydan; Zentropil;
 component of: Mebroin. An anticonvulsant. mp = 295-
 298°; insoluble in H_2O ; soluble in EtOH (1.67 g/100 ml),
 Me_2CO (3.32 g/100 ml); LD_{50} (mus iv) = 92 mg/kg, (mus
 sc) = 110 mg/kg. *Parke-Davis; Sterling Winthrop, Inc.*

2984 Phenytoin Sodium

630-93-3 7475 211-148-2
 $C_{15}H_{11}N_2NaO_2$
 5,5-Diphenylhydantoin sodium salt.
 phenytoin soluble; Antisacer; Danten; Diphantoine;
 Diphenin; Diphenylan sodium; Epanutin; Minetoin;
 Tacosal; Solantyl; component of: Beuthanasia-D. An
 anticonvulsant. Soluble in EtOH (9.5 g/100 ml), H_2O (1.5
 g/100 ml); insoluble in Et_2O , $CHCl_3$; LD_{50} (mus orl) = 490
 mg/kg. *Elkins-Sinn; Schering-Plough Animal Health.*

2985 Phethenylate Sodium

510-34-9 7476
 $C_{13}H_9N_2NaO_2S$
 5-Phenyl-5-(2-thienyl)-2,4-imidazolidinedione
 monosodium salt.
 Thiantoin Sodium; Thioantoin sodium. Anticonvulsant.
 Soluble in H_2O , EtOH; [free base]: mp = 256-257°.

2986 Pivagabine

69542-93-4
 $C_9H_{17}NO_3$
 4-[(2,2-Dimethyl-1-oxopropyl)amino]butanoic acid.
 Tonerg. Modulates corticotropin releasing factor and has
 anxiolytic and antidepressant effects. Anticonvulsant.

2987 Potassium Bromide

7758-02-3 7780 231-830-3
 BrK
 Potassium bromide.
 An anticonvulsant and sedative. d = 2.75; mp = 730°;
 soluble in H_2O (66.6 g/100 ml at 25°, 100 g/100 ml at
 100°), EtOH (0.4 g/100 ml), glycerol (21.7 g/100 ml).

2988 Primidone

125-33-7 7927 204-737-0
 $C_{12}H_{14}N_2O_2$
 5-Ethylidihydro-5-phenyl-4,6(1H,5H)-pyrimidinedione.
 Mysoline; Neurosyn; Liskantin; Mylepsin; Resimatil;
 Sertan. An anticonvulsant. mp = 281-282°; sparingly
 soluble in H_2O (0.06 g/100 ml); soluble in most organic
 solvents. *Fermenta Animal Health Co.; Wyeth-Ayerst*
Labs.; ICI.

2989 Progabide

62666-20-0 7955 263-679-4
 $C_{17}H_{16}ClFN_2O_2$
 4-[α -(p-Chlorophenyl)-5-fluorosalicylidine]amino]butyramide.
 Gabren; SL-76002; Gabrene; halogabide. An anticonvulsant. mp = 133-135°, 142.5°; λ_m = 332, 250, 210 (ϵ 4200, 10800, 24000, MeOH); LD₅₀ (mus ip) = 900 mg/kg. *Synthelabo Pharmacie*.

2990 Ralitoline

93738-40-0
 $C_{13}H_{13}ClN_2O_2S$
 (Z)-6'-Chloro-3-methyl-4-oxo- $\Delta^{2,\alpha}$ thiazolidineaceto-o-toluidide.
 Cl-946. An anticonvulsant. *Parke-Davis*.

2991 Retigabine

150812-12-7
 $C_{16}H_{18}FN_3O_2$
 N-(2-Amino-4-(4-fluorobenzylamino)phenyl)carbamic acid ethyl ester.
 D-23129; D-20443 [as dihydrochloride]. Anticonvulsant.

2992 Ropizine

3601-19-2
 $C_{24}H_{26}N_4$
 1-(Diphenylmethyl)-4-[[6-methyl-2-pyridyl)methylene]amino]piperazine.
 SC-13504. Anticonvulsant. *Searle, G.D., & Co.*

2993 Sabeluzole

104383-17-8 8462
 $C_{22}H_{26}FN_3O_2S$
 ($\pm$)-4-(2-Benzothiazolylmethylamino)- α -[(p-fluorophenoxy)methyl]-1-piperidineethanol.
 R-58735. Anticonvulsant. *Janssen Pharmaceutical Inc.*

2994 Sodium Bromide

7647-15-6 8737 231-599-9
 BrNa
 Sodium bromide.
 Sedoneural. An anticonvulsant. mp = 755°; d = 3.21; soluble in H₂O (90.9 g/100 ml), EtOH (6.25 g/100 ml), MeOH (16.67 g/100 ml).

2995 Solanum

8856
 Bull nettle; Radical weed; sand-brier; horse-nettle
 Air-dried ripe fruit of *Solanum carolinense* L., Solanaceae.
 Plant product, contains solanine and solanidine.

2996 Soretolide

130403-08-6
 $C_{13}H_{14}N_2O_2$
 2,6-Dimethyl-N-(5-methyl-3-isoxazolyl)benzamide.
 D-2916. Antiepileptic.

2997 Stiripentol

49763-96-4 256-480-9
 $C_{14}H_{18}O_3$
 4,4-Dimethyl-1-[(3,4-methylenedioxy)phenyl]-1-penten-3-ol.
 BCX-2600. An anticonvulsant. *Lab. Biocodex*.

2998 Strontium Bromide

10476-81-0 8997 233-969-5
 Br₂Sr
 Strontium dibromide.
 An anticonvulsant. [hexahydrate]: mp = 88°, 643°; soluble in H₂O (285 g/100 ml), EtOH; insoluble in Et₂O, LD₅₀ (rat ip) = 1000 mg/kg.

2999 Suclofenide

30279-49-3 9047 250-111-5
 $C_{16}H_{13}ClN_2O_4S$
 3-Chloro-4-(phenylsuccinimido)benzenesulfonamide.
 CGP-8426; GS-385; Sulfalepsin. Anticonvulsant. mp = 205-207°; LD₅₀ (mus orl) > 5000 mg/kg. *E. Geistlich Sohne*.

3000 Sulthiame

61-56-3 9167 200-511-0
 $C_{10}H_{14}N_2O_4S_2$
 p-(Tetrahydro-2H-1,2-thiazin-2-yl)benzenesulfonamide.
 Conadil; Trolone; Riker 594; Elisal; Ospolot. An anticonvulsant. mp = 180-182°; insoluble in cold H₂O; slightly soluble in boiling H₂O, EtOH. 3M Pharmaceuticals; Riker Labs.

3001 Taltrimide

81428-04-8
 $C_{13}H_{16}N_2O_4S$
 N-Isopropyl-1,3-dioxo-2-isoindolineethanesulfonamide.
 Anticonvulsant.

3002 Tetrantoin

52094-70-9 9372 257-658-9
 $C_{12}H_{12}N_2O_2$
 3',4'-Dihydrospiro[imidazolidine-4,2'-(1'H)-naphthalene]-2,5-dione.
 Spirodon. Anticonvulsant. mp = 267-268°. *Cutter Labs*.

3003 Thiopental Sodium

71-73-8 9487 200-763-1
 $C_{11}H_{17}N_2NaO_2S$
 Sodium 5-ethyl-5-(1-methylbutyl)-2-thiobarbiturate.
 Pentothal; penthiobarbital sodium; thionmebutal; thiopentone sodium; Intraval sodium; Nesdonal sodium; Trapanal. An anticonvulsant. Soluble in H₂O, EtOH; insoluble in Et₂O, C₆H₆, petroleum ether; LD₅₀ (mus ip) = 149 mg/kg, (mus iv) = 78 mg/kg. *Abbott Labs*.

3004 Tiagabine

115103-54-3 9557
 $C_{20}H_{25}NO_2S_2$
 (-)-(R)-1[4,4-Bis(3-methyl-2-thienyl)-3-butenyl]nipecotic acid.
 Abbott 70569.1; Abbott 70569.HCl; ABT-569; NO-050328; NNC-05-0328; TGB. Anticonvulsant. *Abbott Labs*.

3005 Tiagabine Hydrochloride

145821-59-6 9557
 $C_{20}H_{26}ClNO_2S_2$
 (-)-(R)-1[4,4-Bis(3-methyl-2-thienyl)-3-butenyl]nipecotic acid hydrochloride.
 Gabitril; Tiabex. An anticonvulsant. mp = 192° (dec); $[\alpha]_D^{20}$ = -11°; soluble in H₂O (3 g/100 ml), insoluble in

C_6H_{14} , Abbott Labs.

3006 Tiletamine Hydrochloride

14176-50-2

$C_{12}H_{18}ClNO_3$

2-(Ethylamino)-2-(2-thienyl)cyclohexanone hydrochloride.

Cl-634; CL-399; CN-54521-2; component of: Telazol. An anticonvulsant. *Parke-Davis*.

3007 Topiramate

97240-79-4

9686

$C_{12}H_{21}NO_8S$

2,3:4,5-Di-O-isopropylidene- β -D-fructopyranose sulfamate.

Topamax; McN-4853; RWJ-17021. An anticonvulsant. mp = 125-126°; $[\alpha]_D^{23} = -34.0^\circ$ (c = 0.4 MeOH). *McNeil Pharmaceutical*.

3008 Treptilamine

58313-74-9

$C_{20}H_{27}NO$

2-[(α -Tricyclo[2.2.1.0^{2,6}]hept-3-ylidenebenzyl)oxy]triethylamine. Spasmolytic.

3009 Trimethadione

127-48-0

9836

204-845-8

$C_6H_9NO_3$

3,5,5-Trimethyl-2,4-oxazolidinedione.

Tridione; Absentol; Epidione; Petidon; Ptimal. An anticonvulsant. mp = 46-46.5°; bp₅ = 78-80°; soluble in H₂O ($\approx$ 5g/100 ml); freely soluble in EtOH, C₆H₆, CHCl₃, Et₂O; insoluble in petroleum ether. *Abbott Labs*.

3010 Valproic Acid

99-66-1

10049

202-777-3

$C_8H_{16}O_2$

Propylvaleric acid.

Depakene; 44089; Mylproin. An anticonvulsant. bp₁₄ = 120-121°, bp₂₀ = 128-130°; d₂₅ = 0.904; slightly soluble in H₂O; LD₅₀ (rat orl) = 670 mg/kg. *Abbott Labs*; *Solvay Pharmaceuticals*.

3011 Valpromide

2430-27-5

10050

219-394-2

$C_8H_{17}NO$

2-Propylvaleramide.

dipropylacetamide; Dépamide. Anticonvulsant. mp = 125-126°; insoluble in H₂O. *Bofors*.

3012 Vigabatrin

60643-86-9

10114

$C_6H_{11}NO_2$

4-Amino-5-hexenoic acid.

Sabril; MDL-71754; GVG; RMI-71754. An anticonvulsant. mp = 209°; freely soluble in H₂O; LD₅₀ (mus ip) > 2500 mg/kg. *Hoechst Marion Roussel Inc*.

3013 Zoniclezole Hydrochloride

121929-46-2

$C_{12}H_{11}Cl_2N_3O$

5-Chloro-3-(1-imidazol-1-ylethyl)-1,2-benzisoxazole

monohydrochloride.

CGS-18416A. Anticonvulsant. *Ciba-Geigy Corp*.

3014 Zonisamide

68291-97-4

10323

$C_8H_8N_2O_3S$

1,2-Benzisoxazole-3-methanesulfonamide.

Cl-912; AD-810; PD-110843; Aleviatin; Exceglan; Excegram. An anticonvulsant. mp = 160-163°, 162-166°; sparingly soluble in H₂O, CHCl₃, C₆H₁₄; soluble in MeOH, EtOH, EtOAc, AcOH; LD₅₀ (mus orl) = 1892 mg/kg, (mus sc) = 1273 mg/kg, (mus ip) = 699 mg/kg, (mus iv) = 604 mg/kg, (rat orl) = 2001 mg/kg, (rat sc) = 2569 mg/kg, (rat ip) = 733 mg/kg, (rat iv) = 748 mg/kg. *Parke-Davis*.

Antidepressants

3015 Adatanserin

127266-56-2

$C_{21}H_{31}N_5O$

N-[2-[4-[(2-Pyrimidinyl)-1-piperazinyl]ethyl]-1-adamantanecarboxamide.

WY-50324. Antidepressant with anxiolytic properties. *Wyeth-Ayerst Labs*.

3016 Adatanserin Hydrochloride

144966-96-1

$C_{21}H_{32}ClN_5O$

N-[2-[4-[(2-Pyrimidinyl)-1-piperazinyl]ethyl]-1-adamantanecarboxamide hydrochloride.

WY-50324 HCl. Antidepressant. *Wyeth-Ayerst Labs*.

3017 Adinazolam

37115-32-5

159

$C_{19}H_{18}ClN_5$

8-Chloro-1-[(dimethylamino)methyl]-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine.

Antidepressant with anxiolytic properties. Sedative. mp = 171-172.5°. *Upjohn Ltd*; *Ciba-Geigy Corp*.

3018 Adinazolam Mesylate

57938-82-6

159

$C_{20}H_{22}ClN_5O_3S$

8-Chloro-1-[(dimethylamino)methyl]-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine

monomethanesulfonate.

adinazolam monomethanesulfonate; Deracyn. Antidepressant. mp = 230-244°. *Upjohn Ltd*; *Ciba-Geigy Corp*.

3019 Adrafinil

63547-13-7

168

264-303-1

$C_{15}H_{15}NO_3S$

2-[(Diphenylmethyl)sulfinyl]-acetohydroxamic acid.

CRL-40028; Olmifon. Antidepressant. mp = 159-160°; LD₅₀ (mus ip) = <2048 mg/kg, (mus gastric) = 1950 mg/kg. *Lab. Lafon*; *C.M. Industries*.

3020 Alaproclate

60719-82-6

$C_{13}H_{18}ClNO_2$

2-(4-Chlorophenyl)-1,1-dimethylethyl ester DL-alanine.

GEA-654. Antidepressant. *Merck & Co., Inc*.

3021 Aletamine

4255-23-6

 $C_{11}H_{15}N$ α -Allylphenethylamine.Antidepressant. *Marion Merrell Dow Inc.***3022 Aletamine Hydrochloride**

4255-24-7

 $C_{11}H_{16}ClN$ α -Allylphenethylamine hydrochloride.NDR-5061A. Antidepressant. *Marion Merrell Dow Inc.***3023 Alnespirone**

138298-79-0

 $C_{26}H_{38}N_2O_4$

(+)-(S)-N-[4-[(5-methoxy-3-chromanyl)propylamino]-butyl]-1,1-cyclopentanediacetamide.

S 20499. An agonist of 5-HT_{1A} receptors. Antidepressant.**3024 Amedalin**

22136-26-1

 $C_{19}H_{22}N_2O$

3-Methyl-3-[3-(methylamino)propyl]-1-phenyl-2-indolinone.

Antidepressant. *Pfizer Inc.***3025 Amedalin Hydrochloride**

22232-73-1

 $C_{19}H_{23}ClN_2O$

3-Methyl-3-[3-(methylamino)propyl]-1-phenyl-2-indolinone monohydrochloride.

UK-3540-1. Antidepressant. *Pfizer Inc.***3026 Amitriptyline**

50-48-6

511

200-041-6

 $C_{20}H_{23}N$

3-(10,11-Dihydro-5H-dibenzo-[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-1-propanamine.

Antidepressant. *Merck & Co., Inc.; Hoffmann-LaRoche Inc.***3027 Amitriptyline Hydrochloride**

549-18-8

511

208-964-6

 $C_{20}H_{24}ClN$

3-(10,11-Dihydro-5H-dibenzo-[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-1-propanamine hydrochloride.

Ro-4-1575; Adepril; Amineurin; Amitid; Amitril; Deprex; Domical; Elavil; Endep; Euplit; Laroxyl; Lentizol; Miketorin; Redomex; Saroten; Sarotex; Sylvemid; Triptizol; Tryptanol; Tryptizol. Antidepressant. mp = 196-197°; freely soluble in H₂O, CHCl₃, alcohol; λ_m = 240 nm; pKa = 9.4; LD₅₀ (rat orl) = 380 mg/kg. *Bristol-Myers Squibb Co.; Parke-Davis; Merck & Co., Inc.; Roche Puerto Rico; Lemmon Co.; Schering Corp.***3028 Amitriptylinoxide**

4317-14-0

512

 $C_{20}H_{23}NO$

3-(10,11-Dihydro-5H-dibenzo-[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-1-propanamine N-oxide.

Antidepressant. *Dumex.***3029 Amoxapine**

14028-44-5

616

237-867-1

 $C_{17}H_{16}ClN_3O$

2-Chloro-11-(1-piperazinyl)dibenz[b,f][1,4]oxazepine.

Asendin; Asendis; CL-67.772; Demolox; Moxadil.

Antidepressant. mp = 175-176°; LD:50 (mus ip) = 122 mg/kg, (mus orl) = 112 mg/kg. *American Cyanamid; Lederle Labs.***3030 Aptazapine**

71576-40-4

 $C_{16}H_{19}N_3$

(±)-1,3,4,14b-Tetrahydro-2-methyl-2H,10H-pyrazino[1,2-a]pyrrolo[2,1-c][1,4]benzodiazepine.

Antidepressant.

3031 Aptazapine Maleate

71576-41-5

 $C_{20}H_{23}N_3O_4$

(±)-1,3,4,14b-Tetrahydro-2-methyl-2H,10H-pyrazino[1,2-a]pyrrolo[2,1-c][1,4]benzodiazepine maleate (1:1).

CSG-7525A. Antidepressant.

3032 Azaloxan

72822-56-1

 $C_{18}H_{25}N_3O_3$

(S)-1-[1-[2-(1,4-Benzodioxan-2-yl)-ethyl]-4-piperidyl]-2-imidazolidinone.

Antidepressant.

3033 Azaloxan Fumarate

86116-60-1

 $C_{22}H_{29}N_3O_7$

(S)-1-[1-[2-(1,4-Benzodioxan-2-yl)-ethyl]-4-piperidyl]-2-imidazolidinone fumarate (1:1).

CGS-7135A. Antidepressant.

3034 Azepindole

26304-61-0

 $C_{12}H_{14}N_2$

2,3,4,5-Tetrahydro-1H-[1,4]diazepino[1,2-a]indole.

McN-2453. Antidepressant. *McNeil Pharmaceutical.***3035 Azipramine**

58503-82-5

 $C_{26}H_{26}N_2$

1-[2-(Benzylmethylamino)ethyl]-6,7-dihydroindolo[1,7-ab][1]benzazepine.

Antidepressant. *Pierrel S.p.A.***3036 Azipramine Hydrochloride**

57529-83-6

 $C_{26}H_{27}ClN_2$

1-[2-(Benzylmethylamino)ethyl]-6,7-dihydroindolo[1,7-ab][1]benzazepine monohydrochloride.

Pierrel-TQ 86. Antidepressant. *Pierrel S.p.A.***3037 Befuraline**

41717-30-0

 $C_{20}H_{20}N_2O_2$

1-(2-Benzofuranylcarbonyl)-4-benzylpiperazine.

Antidepressant.

3038 Benactyzine

302-40-9

1055

206-123-8

 $C_{20}H_{25}NO_3$

2-Diethylaminoethyl benizilate.

Antidepressant; anticholinergic. mp = 51°. *American*

C_6H_{14} , Abbott Labs.

3006 Tiletamine Hydrochloride

14176-50-2

$C_{12}H_{18}ClNO_3$

2-(Ethylamino)-2-(2-thienyl)cyclohexanone hydrochloride.

CI-634; CL-399; CN-54521-2; component of: Telazol. An anticonvulsant. Parke-Davis.

3007 Topiramate

97240-79-4

9686

$C_{12}H_{21}NO_8S$

2,3,4,5-Di-O-isopropylidene- β -D-fructopyranose sulfamate.

Topamax; McN-4853; RWJ-17021. An anticonvulsant. mp = 125-126°; $[\alpha]_D^{23} = -34.0^\circ$ (c = 0.4 MeOH). McNeil Pharmaceutical.

3008 Treptilamine

58313-74-9

$C_{20}H_{27}NO$

2-[(α -Tricyclo[2.2.1.0^{2,6}]hept-3-ylidenebenzyl)oxy]triethylamine. Spasmolytic.

3009 Trimethadione

127-48-0

9836

204-845-8

$C_6H_9NO_3$

3,5,5-Trimethyl-2,4-oxazolidinedione.

Tridione; Absentol; Epidione; Petidon; Ptimal. An anticonvulsant. mp = 46-46.5°; bp₅ = 78-80°; soluble in H₂O ($\approx$ 5g/100 ml); freely soluble in EtOH, C₆H₆, CHCl₃, Et₂O; insoluble in petroleum ether. Abbott Labs.

3010 Valproic Acid

99-66-1

10049

202-777-3

$C_8H_{16}O_2$

Propylvaleric acid.

Depakene; 44089; Mylproin. An anticonvulsant. bp₁₄ = 120-121°, bp₂₀ = 128-130°; d₂₅ = 0.904; slightly soluble in H₂O; LD₅₀ (rat orl) = 670 mg/kg. Abbott Labs.; Solvay Pharmaceuticals.

3011 Valpromide

2430-27-5

10050

219-394-2

$C_8H_{17}NO$

2-Propylvaleramide.

dipropylacetamide; Dépamide. Anticonvulsant. mp = 125-126°; insoluble in H₂O. Bofors.

3012 Vigabatrin

60643-86-9

10114

$C_6H_{11}NO_2$

4-Amino-5-hexenoic acid.

Sabril; MDL-71754; GVG; RMI-71754. An anticonvulsant. mp = 209°; freely soluble in H₂O; LD₅₀ (mus ip) > 2500 mg/kg. Hoechst Marion Roussel Inc.

3013 Zoniclezole Hydrochloride

121929-46-2

$C_{12}H_{11}Cl_2N_3O$

5-Chloro-3-(1-imidazol-1-ylethyl)-1,2-benzisoxazole

monohydrochloride.

CGS-18416A. Anticonvulsant. Ciba-Geigy Corp.

3014 Zonisamide

68291-97-4

10323

$C_8H_8N_2O_3S$

1,2-Benzisoxazole-3-methanesulfonamide.

CI-912; AD-810; PD-110843; Aleviatin; Exceglan; Excegram. An anticonvulsant. mp = 160-163°, 162-166°; sparingly soluble in H₂O, CHCl₃, C₆H₁₄; soluble in MeOH, EtOH, EtOAc, AcOH; LD₅₀ (mus orl) = 1892 mg/kg, (mus sc) = 1273 mg/kg, (mus ip) = 699 mg/kg, (mus iv) = 604 mg/kg, (rat orl) = 2001 mg/kg, (rat sc) = 2569 mg/kg, (rat ip) = 733 mg/kg, (rat iv) = 748 mg/kg. Parke-Davis.

Antidepressants

3015 Adatanserin

127266-56-2

$C_{21}H_{31}N_5O$

N-[2-[4-[(2-Pyrimidinyl)-1-piperazinyl]ethyl]-1-adamantanecarboxamide.

WY-50324. Antidepressant with anxiolytic properties. Wyeth-Ayerst Labs.

3016 Adatanserin Hydrochloride

144966-96-1

$C_{21}H_{32}ClN_5O$

N-[2-[4-[(2-Pyrimidinyl)-1-piperazinyl]ethyl]-1-adamantanecarboxamide hydrochloride.

WY-50324 HCl. Antidepressant. Wyeth-Ayerst Labs.

3017 Adinazolam

37115-32-5

159

$C_{19}H_{18}ClN_5$

8-Chloro-1-[(dimethylamino)methyl]-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine.

Antidepressant with anxiolytic properties. Sedative. mp = 171-172.5°. Upjohn Ltd.; Ciba-Geigy Corp.

3018 Adinazolam Mesylate

57938-82-6

159

$C_{20}H_{22}ClN_5O_3S$

8-Chloro-1-[(dimethylamino)methyl]-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine monomethanesulfonate.

adinazolam monomethanesulfonate; Deracyn. Antidepressant. mp = 230-244°. Upjohn Ltd.; Ciba-Geigy Corp.

3019 Adrafinil

63547-13-7

168

264-303-1

$C_{15}H_{15}NO_3S$

2-[(Diphenylmethyl)sulfinyl]-acetohydroxamic acid.

CRL-40028; Olmifon. Antidepressant. mp = 159-160°; LD:50 (mus ip) = <2048 mg/kg, (mus gastric) = 1950 mg/kg. Lab. Lafon; C.M. Industries.

3020 Alaproclate

60719-82-6

$C_{13}H_{18}ClNO_2$

2-(4-Chlorophenyl)-1,1-dimethylethyl ester DL-alanine.

GEA-654. Antidepressant. Merck & Co., Inc.

3021 Aletamine

4255-23-6

 $C_{11}H_{15}N$ α -Allylphenethylamine.Antidepressant. *Marion Merrell Dow Inc.***3022 Aletamine Hydrochloride**

4255-24-7

 $C_{11}H_{16}ClN$ α -Allylphenethylamine hydrochloride.NDR-5061A. Antidepressant. *Marion Merrell Dow Inc.***3023 Alnespirone**

138298-79-0

 $C_{26}H_{38}N_2O_4$

(±)-(S)-N-[4-[(5-methoxy-3-chromanyl)propylamino]-butyl]-1,1-cyclopentanediacetamide.

S 20499. An agonist of 5-HT_{1A} receptors. Antidepressant.**3024 Amedalin**

22136-26-1

 $C_{19}H_{22}N_2O$

3-Methyl-3-[3-(methylamino)propyl]-1-phenyl-2-indolinone.

Antidepressant. *Pfizer Inc.***3025 Amedalin Hydrochloride**

22232-73-1

 $C_{19}H_{23}ClN_2O$

3-Methyl-3-[3-(methylamino)propyl]-1-phenyl-2-indolinone monohydrochloride.

UK-3540-1. Antidepressant. *Pfizer Inc.***3026 Amitriptyline**

50-48-6

511

200-041-6

 $C_{20}H_{23}N$

3-(10,11-Dihydro-5H-dibenzo-[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-1-propanamine.

Antidepressant. *Merck & Co., Inc.; Hoffmann-La Roche Inc.***3027 Amitriptyline Hydrochloride**

549-18-8

511

208-964-6

 $C_{20}H_{24}ClN$

3-(10,11-Dihydro-5H-dibenzo-[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-1-propanamine hydrochloride.

Ro-4-1575; Adepril; Amineurin; Amitid; Amitril; Deprex; Domical; Elavil; Endep; Euplit; Laroxyl; Lentizol; Miketorin; Redomex; Saroten; Sarotex; Sylvemid; Triptizol; Tryptanol; Tryptizol. Antidepressant. mp = 196-197°; freely soluble in H₂O, CHCl₃, alcohol; λ_m = 240 nm; pKa = 9.4; LD₅₀ (rat orl) = 380 mg/kg. *Bristol-Myers Squibb Co.; Parke-Davis; Merck & Co., Inc.; Roche Puerto Rico; Lemmon Co.; Schering Corp.***3028 Amitriptylinoxide**

4317-14-0

512

 $C_{20}H_{23}NO$

3-(10,11-Dihydro-5H-dibenzo-[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-1-propanamine N-oxide.

Antidepressant. *Dumex.***3029 Amoxapine**

14028-44-5

616

237-867-1

 $C_{17}H_{16}ClN_3O$

2-Chloro-11-(1-piperazinyl)dibenz[b,f][1,4]oxazepine.

Asendin; Asendis; CL-67.772; Demolox; Moxadil.

Antidepressant. mp = 175-176°; LD₅₀ (mus ip) = 122mg/kg, (mus orl) = 112 mg/kg. *American Cyanamid;**Lederle Labs.***3030 Aptazapine**

71576-40-4

 $C_{16}H_{19}N_3$

(±)-1,3,4,14b-Tetrahydro-2-methyl-2H,10H-pyrazino[1,2-a]pyrrolo[2,1-c][1,4]benzodiazepine.

Antidepressant.

3031 Aptazapine Maleate

71576-41-5

 $C_{20}H_{23}N_3O_4$

(±)-1,3,4,14b-Tetrahydro-2-methyl-2H,10H-pyrazino[1,2-a]pyrrolo[2,1-c][1,4]benzodiazepine maleate (1:1).

CSG-7525A. Antidepressant.

3032 Azaloxan

72822-56-1

 $C_{18}H_{25}N_3O_3$

(S)-1-[1-[2-(1,4-Benzodioxan-2-yl)-ethyl]-4-piperidyl]-2-imidazolidinone.

Antidepressant.

3033 Azaloxan Fumarate

86116-60-1

 $C_{22}H_{29}N_3O_7$

(S)-1-[1-[2-(1,4-Benzodioxan-2-yl)-ethyl]-4-piperidyl]-2-imidazolidinone fumarate (1:1).

CGS-7135A. Antidepressant.

3034 Azepindole

26304-61-0

 $C_{12}H_{14}N_2$

2,3,4,5-Tetrahydro-1H-[1,4]diazepino[1,2-a]indole.

McN-2453. Antidepressant. *McNeil Pharmaceutical.***3035 Azipramine**

58503-82-5

 $C_{26}H_{26}N_2$

1-[2-(Benzylmethylamino)ethyl]-6,7-dihydroindolo[1,7-ab][1]benzazepine.

Antidepressant. *Pierrel S.p.A.***3036 Azipramine Hydrochloride**

57529-83-6

 $C_{26}H_{27}ClN_2$

1-[2-(Benzylmethylamino)ethyl]-6,7-dihydroindolo[1,7-ab][1]benzazepine monohydrochloride.

Pierrel-TQ 86. Antidepressant. *Pierrel S.p.A.***3037 Befuraline**

41717-30-0

 $C_{20}H_{20}N_2O_2$

1-(2-Benzofuranylcarbonyl)-4-benzylpiperazine.

Antidepressant.

3038 Benactyzine

302-40-9

1055

206-123-8

 $C_{20}H_{25}NO_3$

2-Diethylaminoethyl benizilate.

Antidepressant; anticholinergic. mp = 51°. *American*

Cyanamid.

3039 Benactyzine Hydrochloride

57-37-4 1055 200-324-4

 $C_{20}H_{26}ClNO_3$

2-Diethylaminoethyl benizilate monohydrochloride.

AY-5406-1; Actozine, Amizil; Arcadine; Cafron; Cedad; Cevanolo; Fobex; Ibiotyzil; Lucidil; Nervacton; Neuroleptone; Nutinal; Parasan; Parpon; Suavitil; Tranquillin. Antidepressant; anticholinergic. mp = 177-178°; solubility in H_2O (25°) = 14.9/100 ml, practically insoluble in Et_2O . *American Cyanamid*.**3040 Benactyzine Methobromide**

3166-62-9 1055 221-628-3

 $C_{21}H_{28}BrNO_3$

2-Diethylaminoethyl benizilate methobromide.

methylbenactyzium bromide; Finalin; Spatomac. Antidepressant; anticholinergic. mp = 169-170°. *American Cyanamid*.**3041 Benmoxine**

7654-03-7 1072 231-619-6

 $C_{15}H_{16}N_2O$

Benzoic acid 2-(1-phenylethyl)hydrazine.

benmoxin, Neuralex. Antidepressant. mp = 93-94°. *ICI*.**3042 Binedaline**

60662-16-0 1266

 $C_{19}H_{23}N_3$

1-[[2-(Dimethylamino)ethyl]-methylamino]-3-phenylindole.

Binodaline. Antidepressant. mp = 52-53°. *Siegfried AG*.**3043 Binedaline Hydrochloride**

57647-35-5 1266 260-877-2

 $C_{19}H_{24}ClN_3$

1-[[2-(Dimethylamino)ethyl]-methylamino]-3-phenylindole hydrochloride.

RU-39780; Sgd-Scha-1059; Ixprim. Antidepressant. mp = 195-196°; λ_m = 222, 263 nm (ϵ 28000, 14500); LD_{50} (mus orl) = 760 mg/kg, (rat orl) = 1380 mg/kg, (mus iv) = 54.0 mg/kg, (rat iv) = 27.2 mg/kg. *Siegfried AG*.**3044 Bipenamol**

79467-22-4

 $C_{14}H_{15}NOS$ o-[(α -Amino-o-tolyl)thio]benzyl alcohol.

Antidepressant.

3045 Bipenamol Hydrochloride

62220-58-0

 $C_{14}H_{16}ClNOS$ o-[(α -Amino-o-tolyl)thio]benzyl alcohol hydrochloride.

BW-647U hydrochloride. Antidepressant.

3046 Brofaromine

63638-91-5

 $C_{14}H_{16}BrNO_2$

4-(7-Bromo-5-methoxy-2-benzofuranyl)piperidine.

Antidepressant.

3047 Bupropion

34911-55-2 1523

 $C_{13}H_{18}ClNO$

(±)-2-(tert-Butylamino)-3'-chloropropiophenone.

Amfebutamone. Antidepressant. Pale yellow oil; bp = 52°; soluble in MeOH, EtOH, Me_2CO , Et_2O , C_6H_6 . *Burroughs Wellcome*.**3048 Bupropion Hydrochloride**

31677-93-7 1523 250-759-9

 $C_{13}H_{19}Cl_2NO$

(±)-2-(tert-Butylamino)-3'-chloropropiophenone hydrochloride.

Wellbutrin; Zyban. Antidepressant. Also used in smoking cessation therapy. mp = 233-234°; solubility (in H_2O) = 32 mg/ml, (in alcohol) = 193 mg/ml, (in 0.1 N HCl) = 333 mg/ml; LD_{50} (mus ip) = 230 mg/kg, (rat ip) = 210 mg/kg, (mus orl) = 575 mg/kg, (rat orl) = 600 mg/kg. *Burroughs Wellcome*.**3049 Butacetin**

2109-73-1 1532

 $C_{12}H_{17}NO_2$

4'-tert-Butoxyacetanilide.

BW-63-90; NSC-106564; Tromal. Antidepressant; analgesic. mp = 130°.

3050 Butriptyline

35941-65-2 1568

 $C_{21}H_{27}N$ 10,11-Dihydro-N,N, β -trimethyl-5H-dibenzo[a,d]cycloheptene-5-propanamine.Antidepressant. Oil; bp₁ = 180-185°. *Schering Corp.; Ayerst*.**3051 Butriptyline Hydrochloride**

5585-73-9 1568 226-983-8

 $C_{21}H_{28}ClN$ 10,11-Dihydro-N,N, β -trimethyl-5H-dibenzo[a,d]cycloheptene-5-propanamine hydrochloride.AY-62014; Evadene; Evadyne. Antidepressant. mp = 188-190°; λ_m = 273, 270, 266 nm (ϵ 460, 441, 522, MeOH); soluble in H_2O ; moderately soluble in aliphatic alcohols, $CHCl_3$; insoluble in Et_2O , paraffinic hydrocarbons; LD_{50} (mus orl) = 345 mg/kg, (mus ip) = 120 mg/kg. *Schering Corp.; Ayerst*.**3052 Caroxazone**

18464-39-6 1907 242-345-1

 $C_{10}H_{10}N_2O_3$

2-Oxo-2H-1,3-benzoxazine-3(4H)-acetamide.

FI-6654; Timostenil. Antidepressant. mp = 203-205°. *Farmitalia*.**3053 Cartazolate**

34966-41-1

 $C_{15}H_{22}N_4O_2$

Ethyl 4-(butylamino)-1-ethyl-1H-pyrazolo[3,4-b]-pyridine-5-carboxylate.

SQ-65396. Antidepressant. *Bristol-Myers Squibb Co*.**3054 Cericlamine**

112922-55-1

 $C_{13}H_{17}Cl_2NO$

(±)-3-(3,4-Dichlorophenyl)-2-(dimethylamino)-2-methyl-1-propanol.

Serotonin reuptake blocker. Possible use as an

antidepressant.

3055 Ciclazindol

37751-39-6

 $C_{17}H_{15}ClN_2O$

10-(m-Chlorophenyl)-2,3,4,10-tetrahydropyrimido[1,2-a]indol-10-ol.

WY-23409. Antidepressant. Wyeth Labs.

3056 Ciclopramine

33545-56-1

 $C_{18}H_{20}N_2$

2,3,7,8-Tetrahydro-3-(methylamino)-1H-quinol[1,8-ab][1]benzazepine.

Antidepressant.

3057 Cilobamine

69429-84-1

 $C_{17}H_{23}Cl_2NO$

cis-2-(3,4-Dichlorophenyl)-3-

(isopropylamino)bicyclo[2.2.2]octan-2-ol.

clobamine. Antidepressant. Marion Merrell Dow Inc.

3058 Cilobamine Mesylate

69429-85-2

 $C_{18}H_{27}Cl_2NO_4S$

cis-2-(3,4-Dichlorophenyl)-3-

(isopropylamino)bicyclo[2.2.2]octan-2-ol methansulfonate (salt).

clobamine mesylate; RMI-81182EF. Antidepressant. Marion Merrell Dow Inc.

3059 Cimoxatone

73815-11-9

 $C_{19}H_{18}N_2O_4$ α [p-[5-(Methoxymethyl)-2-oxo-3-oxazolidinyl]phenoxy]-m-tolunitrile.

Antidepressant.

3060 Cirazoline

59939-16-1

 $C_{13}H_{16}N_2O$

2-[(o-Cyclopropylphenoxy)methyl]-2-imidazoline.

Possible MAO inhibitor. Antidepressant.

3061 Citalopram

59729-33-8

2379

261-891-1

 $C_{20}H_{21}FN_2O$

1-[3-(Dimethylamino)propyl]-1-(p-fluorophenyl)-5-phthalanarbonitrile.

LU-10-171; Bonitrile; Nitalapram. Antidepressant. A serotonin uptake inhibitor. $bp_{0.03} = 175-181^\circ$. Kefalas A/S.**3062 Citalopram Hydrobromide**

59729-32-7

2379

261-890-6

 $C_{20}H_{22}BrFN_2O$

1-[3-(Dimethylamino)propyl]-1-(p-fluorophenyl)-5-phthalanarbonitrile hydrobromide.

Cipramil. Antidepressant. A serotonin uptake inhibitor. $mp = 182-183^\circ$. Kefalas A/S.**3063 Clodazon**

4755-59-3

 $C_{18}H_{20}ClN_3O$

5-Chloro-1-[3(dimethylamino)propyl]-3-phenyl-2-benzimidazolinone.

Antidepressant. Sandoz Pharmaceuticals Corp.

3064 Clodazon Hydrochloride

31959-88-3

 $C_{18}H_{23}Cl_2N_3O_2$

5-Chloro-1-[3(dimethylamino)propyl]-3-phenyl-2-benzimidazolinone monohydrochloride monohydrate.

HUF-2446; AW-14'2446. Antidepressant. Sandoz Pharmaceuticals Corp.

3065 Clodazon Hydrochloride [anhydrous]

4913-61-5

 $C_{18}H_{21}Cl_2N_3O$

5-Chloro-1-[3(dimethylamino)propyl]-3-phenyl-2-benzimidazolinone monohydrochloride [anhydrous].

Antidepressant. Sandoz Pharmaceuticals Corp.

3066 Clomipramine

303-49-1

2447

206-144-2

 $C_{19}H_{23}ClN_2$

3-Chloro-5-[3-(dimethylamino)propyl]-10,11-dihydro-5H-dibenz-[b,f]azepine.

Antidepressant. $bp_{0.03} = 160-170^\circ$. Ciba-Geigy Corp.**3067 Clomipramine Hydrochloride**

17321-77-6

2447

241-344-3

 $C_{19}H_{24}Cl_2N_2$

3-Chloro-5-[3-(dimethylamino)propyl]-10,11-dihydro-5H-dibenz-[b,f]azepine monohydrochloride.

Anafranil; G-34586. Antidepressant. $mp = 189-190^\circ$. Ciba-Geigy Corp.**3068 Clorgiline**

17780-72-2

 $C_{13}H_{15}Cl_2NO$

N-[3-(2,4-Dichlorophenoxy)propyl]-N-methyl-2-propynylamine.

Clorgiline. MAO-A inhibitor. Antidepressant.

3069 Clovoxamine

54739-19-4

 $C_{14}H_{21}ClN_2O_2$

4'-Chloro-5-methoxyvalerophenone aminoethyl)oxime.

(E)-O-(2-

Antidepressant.

3070 Cotinine

486-56-6

2619

207-634-9

 $C_{10}H_{12}N_2O$

1-Methyl-5-(3-pyridinyl)-2-pyrrolidinone.

Antidepressant. A viscous oil; $bp_6 = 210-211^\circ$.**3071 Cotinine Fumarate**

5695-98-7

2619

 $(C_{10}H_{12}N_2O)_2 \cdot C_4H_4O_4$

(-)-1-Methyl-5-(3-pyridinyl)-2-pyrrolidinone fumarate (2:1).

Scotine. Antidepressant.

3072 Cyclindole

32211-97-5

 $C_{14}H_{18}N_2$

3-(Dimethylamino)-1,2,3,4-tetrahydrocarbazole.

ciclindole; Win-27147-2. Antidepressant. Sterling Winthrop, Inc.

3073 Cypenamine

15301-54-9

 $C_{11}H_{15}N$

2-Phenyl-cyclopentylamine.

Antidepressant. *Marion Merrell Dow Inc.***3074 Cypenamine Hydrochloride**

5588-23-8

 $C_{11}H_{16}ClN$

2-Phenyl-cyclopentylamine hydrochloride.

Antidepressant. Vitamin B₁₂. *Marion Merrell Dow Inc.***3075 Cyprolidol**

4904-00-1

 $C_{21}H_{19}NO$

Diphenyl [2-(4-pyridinyl)cyclopropyl]methanol.

Antidepressant. Antihistaminic, antipruritic.

3076 Cyprolidol Hydrochloride

2364-72-9

 $C_{21}H_{20}ClNO$

Diphenyl [2-(4-pyridinyl)cyclopropyl]methanol hydrochloride.

IN-1060; NSC-84973. Antidepressant.

3077 Cyproximide

15518-76-0

 $C_{11}H_8ClNO_2$

1-(p-Chlorophenyl)-1,2-cyclopropanedicarboximide.

ciproximide; CL-53415. Antidepressant; antipsychotic.

3078 Daledalin

22136-27-2

 $C_{19}H_{24}N_2$

3-Methyl-3-[3-(methylamino)propyl]-1-phenylindoline.

Antidepressant. Anesthetic. *Pfizer Inc.***3079 Daledalin Tosylate**

23226-37-1

 $C_{26}H_{32}NO_3S$

3-Methyl-3-[3-(methylamino)propyl]-1-phenylindoline mono-p-toluenesulfonate.

UK-3557-15. Antidepressant. *Pfizer Inc.***3080 Danitracen**

31232-26-5

 $C_{20}H_{21}NO$

9,10-Dihydro-10-(1-methyl-4-piperidene)-9-anthrol.

Antidepressant.

3081 Dapoxetine

119356-77-3

 $C_{21}H_{23}NO$ (+)-(S)-N,N-Dimethyl- α -[2-(1-naphthyloxy)ethyl]-benzylamine.LY-210448. Antidepressant. *Eli Lilly & Co.***3082 Dapoxetine Hydrochloride**

129938-20-1

 $C_{21}H_{24}ClNO$ (+)-(S)-N,N-Dimethyl- α -[2-(1-naphthyloxy)ethyl]-benzylamine hydrochloride.LY-210448-HCl. Antidepressant. *Eli Lilly & Co.***3083 Dazadrol**

47029-84-5

256-292-7

 $C_{15}H_{14}ClN_3O$ α -(p-Chlorophenyl)- α -2-imidazolin-2-yl-2-pyridinemethanol.Antidepressant. *Schering Corp.***3084 Dazadrol Maleate**

25387-70-6

 $C_{19}H_{18}ClN_3O_5$ α -(p-Chlorophenyl)- α -2-imidazolin-2-yl-2-pyridinemethanol maleate (1:1) (salt).Sch-12650. Antidepressant. *Schering Corp.***3085 Dazepinil**

75991-50-3

 $C_{17}H_{18}N_2$ ($\pm$)-4,5-Dihydro-2,3-dimethyl-4-phenyl-3H-1,3-benzodiazepine.Antidepressant. *Hoechst-Roussel Pharmaceuticals Inc.***3086 Dazepinil Hydrochloride**

75991-49-0

 $C_{17}H_{18}ClN_2$ ($\pm$)-4,5-Dihydro-2,3-dimethyl-4-phenyl-3H-1,3-benzodiazepine monohydrochloride.HRP-543; P-76-2543. Antidepressant. *Hoechst-Roussel Pharmaceuticals Inc.***3087 Demexiptiline**

24701-51-7

2941

 $C_{18}H_{18}N_2O$

5H-Dibenzo[a,d]cyclohepten-5-one

O-[2-(methylamino)ethyl]oxime.

Antidepressant. A colorless oil. *Bayer Corp.***3088 Demexiptiline Hydrochloride**

18059-99-9

2941

241-969-1

 $C_{18}H_{19}ClN_2O$

5H-Dibenzo[a,d]cyclohepten-5-one

O-[2-(methylamino)ethyl]oxime hydrochloride.

LM-2909; Deparon. Antidepressant. mp = 232-233°; LD₅₀ (rat orl) = 330 mg/kg, (rat iv) = 25 mg/kg. *Bayer Corp.***3089 Depramine**

303-54-8

 $C_{19}H_{22}N_2$

5-[3-(Dimethylamino)propyl]-5H-dibenz[b,f]azepine.

balipramine; GP-31406. Antidepressant.

3090 Desipramine

50-47-5

2966

200-040-0

 $C_{18}H_{22}N_2$

10,11-Dihydro-N-(methylamino)propyl]-5H-

dibenz[b,f]azepine.

desmethylimipramine; norimipramine. Antidepressant.

bp_{0.02} = 172-174°; λ_m = 213, 252 nm (log ϵ 4.39, 3.93). *Lakeside Biotechnology.***3091 Desipramine Hydrochloride**

58-28-6

2966

200-373-1

 $C_{18}H_{23}ClN_2$

10,11-Dihydro-N-(methylamino)propyl]-5H-

dibenz[b,f]azepine monohydrochloride.

G-35020; JB-8181; EX-4355; RMI-9384A; NSC-114901;

Norpramin; Nortrimil; Pertofran; Pertofrane.
Antidepressant. mp = 215-216°; soluble in H₂O; LD₅₀
(mus orl) = 500 mg/kg, (rat orl) = 385 mg/kg, (mus ip) =
94 mg/kg, (rat ip) = 48 mg/kg. *Marion Merrell Dow Inc.;*
Rhône-Poulenc Rorer Pharmaceuticals Inc.

3092 Dexamisole

14769-74-5 238-837-0
C₁₁H₁₂N₂S
(+)-2,3,5,6-Tetrahydro-6-phenylimidazo[2,1-b]thiazole.
R-12563 [as hydrochloride]. Antidepressant. *Janssen*
Pharmaceutical, Belgium.

3093 Deximafen

42116-77-8
C₁₁H₁₃N₃
(+)-2,3,5,6-Tetrahydro-5-(or 3)-phenyl-1H-
imidazo[2,1-a]imidazole.
Antidepressant. *Janssen Pharmaceutical, Belgium.*

3094 Dexnafenodone

92629-87-3
C₂₀H₂₃NO
(+)-(S)-2-[2-(Dimethylamino)ethyl]-3,4-dihydro-2-phenyl-
1(2H)-naphthalenone.
Antidepressant.

3095 Dibenzepin

4498-32-2 3055
C₁₈H₂₁N₃O
10-[2-(Dimethylamino)ethyl]-5,10-dihydro-5-methyl-11-
H-dibenzo[b,e][1,4]diazepin-11-one.
HF-1927. Antidepressant. mp = 116-117°; bp_{0.01} = 185°.
Sandoz Pharmaceuticals Corp.; Wander Pharma.

3096 Dibenzepin Hydrochloride

315-80-0 3055 206-255-6
C₁₈H₂₂ClN₃O
10-[2-(Dimethylamino)ethyl]-5,10-dihydro-5-methyl-11-
H-dibenzo[b,e][1,4]diazepin-11-one monohydrochloride.
Neodalit; Noveril. Antidepressant. mp = 238°; λ_m (0.1N
HCl) = 204, 220 nm (log ε 4.530, 4.458); pKa = 8.25;
soluble in H₂O, alcohol, CHCl₃; LD₅₀ (mus orl) = 215
mg/kg. *Sandoz Pharmaceuticals Corp.*

3097 Dimetacrine

4757-55-5 3258
C₂₀H₂₆N₂
10-[3-(Dimethylamino)propyl]-9,9-dimethylacridan.
Dimetacrino; Dimetacrinum; Dimethacrin.
Antidepressant. bp₁ = 200°. *Kefalas A/S; Siegfried AG.*

3098 Dimetacrine Hydrochloride

3258
C₂₀H₂₇ClN₂
10-[3-(Dimethylamino)propyl]-9,9-dimethylacridan
hydrochloride.
Antidepressant. mp = 151-154°. *Kefalas A/S; Siegfried*
AG.

3099 Dimetacrine Tartrate

3759-07-7 3258 223-166-8
C₂₄H₃₂ClN₂O₆
10-[3-(Dimethylamino)propyl]-9,9-dimethylacridan
tartrate.

SD-709; Istonil; Linostil. Antidepressant. *Kefalas A/S;*
Siegfried AG.

3100 Dimethazan

519-30-2 3261 208-266-1
C₁₁H₁₇N₅O₂
7-(2-Dimethylaminoethyl)theophylline.
Elidin. Antidepressant. mp = 95°.

3101 Dioxadrol

6495-46-1 3352
C₂₀H₂₃NO₂
2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine.
Antidepressant. Oily liquid. *Cutter Labs.*

3102 Dioxadrol Hydrochloride

3666-69-1 3352
C₂₀H₂₄ClNO₂
2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine
hydrochloride.
CL-639C; Relane [d-form]; Levoxan [l-form].
Antidepressant. mp = 256-260°; [d-form]: [α]_{25D} = +34°;
[d-form]: LD₅₀ (mus orl) = 340 mg/kg; [l-form]: [α]_{25D} =
-34.5°; LD₅₀ (mus orl) = 240 mg/kg; [l-form]: LD₅₀ (mus
orl) = 230 mg/kg. *Cutter Labs.*

3103 Dothiepin

113-53-1 3485 204-03-2
C₁₉H₂₁NS
3-Dibenzo[b,e]thiepin-11(6H)-ylidene-N,N-dimethyl-
propanamine.
dosulepin; Dothep. Antidepressant. bp_{0.05} = 171-172°; mp
= 55-57°. *SPOFA.*

3104 Dothiepin Hydrochloride

897-15-4 3485 212-978-8
C₁₉H₂₂ClNS
3-Dibenzo[b,e]thiepin-11(6H)-ylidene-N,N-dimethyl-
propanamine hydrochloride.
dosulepin-hydrochloride; Altapin; Depresym; Prothiaden.
Antidepressant. mp = 218-221°; λ_m (MeOH) = 232, 260,
309 (log ε 4.41, 3.97, 3.53). *SPOFA.*

3105 Doxepin

1668-19-5 3492
C₁₉H₂₁NO
3-Dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-
propanamine.
P-3693A; NSC-108160; Aponal; Curatin; Quitaxon.
Antidepressant; antipruritic (veterinary). Oily liquid; bp_{0.03}
= 154-157°; bp_{0.2} = 260-270°; :D₅₀ = (rat iv) = 16 mg/kg,
(mus iv) = 26 mg/kg, (rat orl) = 147 mg/kg, (mus orl) =
135 mg/kg. *Roerig Div., Pfizer Pharmaceuticals; Fisons*
plc, Pharmaceuticals Div.

3106 Doxepin Hydrochloride

1229-29-4 3492 214-966-8
C₁₉H₂₂ClNO
3-Dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-
propanamine hydrochloride.
Adapin; Aponal; Curatin; Quitaxon; Sinequin.
Antidepressant. A cis-trans (approx. 1:5) mixture. mp =
184-186°. *Roerig Div., Pfizer Pharmaceuticals; Fisons plc,*
Pharmaceuticals Div.

3107 Doxepin Hydrochloride E isomer

4698-39-9

 $C_{19}H_{22}ClNO$

3-Dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-propanamine hydrochloride.

Antidepressant. Roerig Div., Pfizer Pharmaceuticals; Fisons plc, Pharmaceuticals Div.

3108 Doxepin Hydrochloride Z isomer

25127-31-5

 $C_{19}H_{22}ClNO$

3-Dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-propanamine hydrochloride.

Antidepressant. Roerig Div., Pfizer Pharmaceuticals; Fisons plc, Pharmaceuticals Div.

3109 cis-Doxepin Hydrochloride

25127-31-5

3492

 $C_{19}H_{22}ClNO$

cis-3-Dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-propanamine hydrochloride.

cixoxepin hydrochloride; P-4599. Antidepressant. mp = 209-210.5°. Roerig Div., Pfizer Pharmaceuticals; Fisons plc, Pharmaceuticals Div.

3110 Duloxetine

116539-59-4

3518

 $C_{18}H_{19}NOS$

(S)-N-Methyl-γ-(1-naphthalenyloxy)-2-thiophenepropanamine.

LY-248686. Antidepressant. Dual serotonin and norepinephrine uptake inhibitor. Eli Lilly & Co.

3111 Duloxetine Hydrochloride

136434-34-9

3518

 $C_{18}H_{20}ClNOS$

(S)-N-Methyl-γ-(1-naphthalenyloxy)-2-thiophenepropanamine monohydrochloride.

Antidepressant. White solid; pKa (DMF-H₂O, 66:34) = 9.6. Eli Lilly & Co.**3112 Eclanamine**

71027-13-9

 $C_{16}H_{22}Cl_2N_2O$

(±)-trans-2',4'-Dichloro-N-[2-(dimethylamino)-cyclopentyl]propionanilide.

Antidepressant. Upjohn Ltd.

3113 Eclanamine Maleate

71027-14-0

 $C_{20}H_{26}Cl_2N_2O+5$

(±)-trans-2',4'-Dichloro-N-[2-(dimethylamino)-cyclopentyl]propionanilide maleate (1:1).

Antidepressant. Upjohn Ltd.

3114 Encyprate

2521-01-9

 $C_{13}H_{17}NO_2$

Ethyl-N-benzylcyclopropanecarbamate.

MO-1255; A-19757. Antidepressant. Abbott Labs.

3115 Etoperidone

52942-31-1

3930

 $C_{19}H_{28}ClN_5O$

1-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-3,4-

diethyl-+id²-1,2,4-triazolin-5-one.† Antidepressant. Liquid; bp_{0.5} = 230°. Angelini Pharmaceuticals, Inc.**3116 Etoperidone Hydrochloride**

57775-22-1

3930

260-942-5

 $C_{19}H_{29}Cl_2N_5O$ 1-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-3,4-diethyl-+id²-1,2,4-triazolin-5-one monohydrochloride.AF-1191; McN-A-2673-11; ST-1191; Axiomin; Depreger; Etonin; Etoran; Staff; Tropene. Antidepressant. mp = 197-198°; pH (2% aq soln) = 4.1 ± 0.2; soluble in H₂O, EtOH; slightly soluble in CHCl₃; practically insoluble in Me₂CO, C₆H₆, Et₂O; LD₅₀ (mus orl) = 580 mg/kg, (rat orl) = 720 mg/kg, (mus ip) = 135 mg/kg, (rat ip) = 120 mg/kg. Angelini Pharmaceuticals, Inc.; McNeil Pharmaceutical.**3117 Fantridone**

17692-37-4

 $C_{18}H_{20}N_2O$

5-[3-(Dimethylamino)propyl]-6(5H)-phenanthridinone. Antidepressant. Searle, G.D., & Co.

3118 Fantridone Hydrochloride [anhydrous]

22461-13-8

 $C_{18}H_{21}ClN_2O$

5-[3-(Dimethylamino)propyl]-6(5H)-phenanthridinone monohydrochloride.

Antidepressant. Searle, G.D., & Co.

3119 Fantridone Hydrochloride Monohydrate

24390-12-3

 $C_{18}H_{23}ClN_2O_2$

5-[3-(Dimethylamino)propyl]-6(5H)-phenanthridinone monohydrochloride monohydrate.

AGN-616. Antidepressant. Searle, G.D., & Co.

3120 Febarbamate

13246-02-1

3983

236-226-3

 $C_{20}H_{27}N_3O_6$

1-(3-Butoxy-2-hydroxypropyl)-5-ethyl-5-phenylbarbituric acid.

Go-560; G-Tril; Tymium. Antidepressant; thymoanaleptic. Syrup; cannot be crystallized; dec ≅196°; soluble in EtOH, dioxane; insoluble in H₂O; LD₅₀ (mus orl) = 1065 mg/kg. Labs. Sapos.**3121 Femoxetine**

59859-58-4

3993

 $C_{20}H_{25}NO_2$

(±)-trans-3-[(p-Methoxyphenoxy)methyl]-1-methyl-4-phenylpiperidine.

Antidepressant. Serotonin uptake inhibitor. A/S Ferrosan.

3122 Femoxetine Hydrochloride

56222-04-9

3993

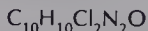
 $C_{20}H_{26}ClNO_2$

(±)-trans-3-[(p-Methoxyphenoxy)methyl]-1-methyl-4-phenylpiperidine hydrochloride.

FG-4963; Malexil. Antidepressant. Serotonin uptake inhibitor. LD₅₀ (mmus iv) = 45 mg/kg, (mmus sc) = 723 mg/kg, (mmus orl) = 1687 mg/kg. A/S Ferrosan.

3123 Fenmetozole

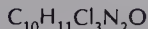
41473-09-0



2-[(3,4-Dichlorophenoxy)methyl]-2-imidazole.

Antidepressant; narcotic antagonist. *Marion Merrell Dow Inc.***3124 Fenmetozole Hydrochloride**

23712-05-2



2-[(3,4-Dichlorophenoxy)methyl]-2-imidazole monohydrochloride.

DH-524. Antidepressant; narcotic antagonist. *Marion Merrell Dow Inc.***3125 Fenmetramide**

5588-29-4



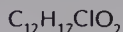
5-Methyl-6-phenyl-3-morpholinone.

McN-1075; Feninetramide. Antidepressant. *McNeil Pharmaceutical.***3126 Fepentadiol**

15687-18-0

4029

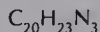
239-782-5



2-(4-Chlorophenyl)-4-methyl-2,4-pentanediol.

RD-292; Tredum. Antidepressant. mp = 76.5°; λ_m (0.1% in abs EtOH) = 228 nm; LD₅₀ (mmus orl) = 940 mg/kg, (fmus orl) = 995 mg/kg, (mrat orl) = 1200 mg/kg, (frat orl) = 1250 mg/kg. *Lab. Albert Rolland.***3127 Fezolamine**

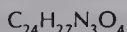
80410-36-2



1-[3-(Dimethylamino)propyl]-3,4-diphenylpyrazole.

Antidepressant. *Sterling Winthrop, Inc.***3128 Fezolamine Fumarate**

80410-37-3



1-[3-(Dimethylamino)propyl]-3,4-diphenylpyrazole fumarate.

Win-41528-2. Antidepressant. *Sterling Winthrop, Inc.***3129 Flerobutanol**

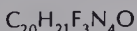
82101-10-8

 α -[(tert-Butylamino)methyl]-o-fluorobenzyl alcohol.

Antidepressant.

3130 Flibanserin

167933-07-5

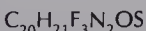
1-[2-[4-(α,α,α -Trifluoro-m-tolyl)-1-piperazinyl]ethyl]-2-benzimidazolinone.

Antidepressant.

3131 Fluacizine

30223-48-4

4149



10-[3-Diethylamino)propionyl]-2-(trifluoromethyl)phenothiazine.

Fluoracizine; Fluoracizine; Ftoracizine; Phtorazisin. Antidepressant. Phenothiazine derivative with

psychotropic activity.

3132 Fluacizine Hydrochloride

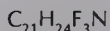
4149



10-[3-Diethylamino)propionyl]-2-(trifluoromethyl)phenothiazine hydrochloride.

Fluoracizine; Toracizin. Antidepressant. Phenothiazine derivative with psychotropic activity. mp = 163-165°; soluble in H₂O, warm alcohols.**3133 Fluotracen**

35764-73-9



(±)-cis-9,10-Dihydro-N,N-trimethyl-2-(trifluoromethyl)-9-anthracenepropylamine hydrochloride.

Antidepressant; antipsychotic. *SmithKline Beecham Pharmaceuticals.***3134 Fluotracen Hydrochloride**

57363-14-1



(±)-cis-9,10-Dihydro-N,N-trimethyl-2-(trifluoromethyl)-9-anthracenepropylamine.

SKF-28175. Antidepressant; antipsychotic. *SmithKline Beecham Pharmaceuticals.***3135 Fluoxetine**

54910-89-3

4222

(±)-N-Methyl-3-phenyl-3-[(α,α,α -trifluoro-p-tolyl)oxy]propylamine.Antidepressant. Serotonin uptake inhibitor. *Eli Lilly & Co.***3136 Fluoxetine Hydrochloride**

59333-67-4

4222

260-101-2

(±)-N-Methyl-3-phenyl-3-[(α,α,α -trifluoro-p-tolyl)oxy]propylamine hydrochloride.Prozac; LY-110140; Adofen; Fluctin; Fluoxeren; Fontex; Foxetin; Reneuron. Antidepressant. Serotonin uptake inhibitor. mp = 158-159°; slightly soluble in H₂O (<14 mg/ml), more soluble in organic solvents; λ_m = 227, 264, 268, 275 nm ($E_{1\%}^{1\text{cm}}$ 372, 29,29,22 MeOH); LD₅₀ (rat orl) = 452 mg/kg. *Eli Lilly & Co.***3137 Fluparoxan**

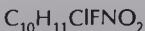
105182-45-4



(3aS,9aS)-5-Fluoro-2,3,3a,9a-tetrahydro-1H-[1,4]benzodioxino[2,3-c]pyrrole.

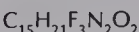
Antidepressant. Antidepressant. *Glaxo Labs.***3138 Fluparoxan Hydrochloride**

111793-41-0

(3aS,9aS)-5-Fluoro-2,3,3a,9a-tetrahydro-1H-[1,4]benzodioxino[2,3-c]pyrrole hydrochloride. GR-50360A. Antidepressant. *Glaxo Labs.***3139 Fluvoxamine**

54739-18-3

4251

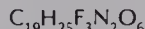


5-Methoxy-4'-(trifluoromethyl)valerophenone (E)-O-(2-aminoethyl)oxime.

Antidepressant. Serotonin uptake inhibitor. *Philips-Duphar B.V.*

3140 Fluvoxamine Maleate

61718-82-9 4251



5-Methoxy-4'-(trifluoromethyl)valerophenone (E)-O-(2-aminoethyl)oxime maleate.

DU-23000; MK-264; Dumirox; Faverin; Fevarin; Floxyfral; Luvox; Maveral. Antidepressant. Serotonin uptake inhibitor. mp = 120-121.5°. *Philips-Duphar B.V.*

3141 Gamfexine

7273-99-6



N,N-Dimethyl-γ-phenylcyclohexanopropylamine. Win-1344. Antidepressant. *Sterling Winthrop, Inc.*

3142 Guanoxyfen

13050-83-4

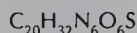


(3-Phenoxypropyl)guanidine.

Antidepressant; antihypertensive. *Parke-Davis.*

3143 Guanoxyfen Sulfate

1021-11-0



(3-Phenoxypropyl)guanidine sulfate (2:1).

Cl-515; CN-34799-5A; EA-166; HP-1598. Antidepressant; antihypertensive. *Parke-Davis.*

3144 Hepzidine

1096-72-6



4-(10,11-dihydro-5H-dibenzo[a,d]cyclohepten-5-yloxy)-1-methylpiperidine.

Antidepressant and anticholinergic.

3145 Imafen

53361-23-2



2,3,5,6-Tetrahydro-5-(or-3-)-phenyl-1H-imidazo[1,2a]imidazole.

Antidepressant. *Janssen Pharmaceutical, Belgium.*

3146 Imafen Hydrochloride

53361-24-3

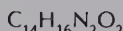


2,3,5,6-Tetrahydro-5-(or-3-)-phenyl-1H-imidazo[1,2a]imidazole monohydrochloride.

R-25540. Antidepressant. *Janssen Pharmaceutical, Belgium.*

3147 Imiloxan

81167-16-0

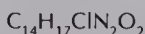


(±)-2-[(1-Ethyl-2-imidazolyl)methyl]-1,4-benzodioxane.

Antidepressant. *Syntex Labs. Inc.*

3148 Imiloxan Hydrochloride

86710-23-8



(±)-2-[(1-Ethyl-2-imidazolyl)methyl]-1,4-benzodioxane hydrochloride.

RS-21361. Antidepressant. *Syntex Labs. Inc.*

3149 Imipramine

50-49-7

4955

200-042-1



10,11-Dihydro-5-(3-(dimethylamino)propyl)-5H-dibenz[b,f]azepine.

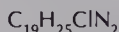
G-22355; Imizin. Antidepressant. bp_{0.1} = 160°.

3150 Imipramine Hydrochloride

113-52-0

4955

204-030-7



10,11-Dihydro-5-(3-(dimethylamino)propyl)-5H-dibenz[b,f]azepine hydrochloride.

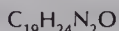
Antidepressin; Apo-Imipramine; Berkamine; Censtim; Censtin; Chrytemin; Deprinol; Dimipressin; DDPD; Dyna-Zina; Efuranol; Eupramin; Feinalmin; Imavate; Imidol; Imidobenzyle; Imilanyle; Imiprin; Imizin; Imizinum; Imiprin; Imavate; Impril; Intalpram; Iramil; Irmim; Janimine; Melipramine; Novo-pramine; Praminitil; Presamine; Promiben; Pryleugan; SK-Pramine; Surplix; Timolet; Tipramine; Tofranil. Antidepressant. mp = 174-175°; very soluble in H₂O, less soluble in organic solvents; LD₅₀ (rat orl) = 490 mg/kg, (rat ip) = 90 mg/kg. *Abbott Labs.; Ciba-Geigy Corp.*

3151 Imipramine N-Oxide

6829-98-7

4956

229-907-1



10,11-Dihydro-5-(3-(dimethylamino)propyl)-5H-dibenz[b,f]azepine N-oxide.

imipraminoxide. Antidepressant. mp = 120-123° (dec); soluble in MeOH, Et₂O, Me₂CO, C₆H₆; strongly hygroscopic. *Dumex.*

3152 Imipramine N-Oxide Hydrochloride

20438-98-6

4956

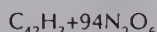


10,11-Dihydro-5-(3-(dimethylamino)propyl)-5H-dibenz[b,f]azepine N-oxide hydrochloride.

Imiprex. Antidepressant. mp = 167-174°; soluble in H₂O/EtOH/CHCl₃ mixture; nearly insoluble in Et₂O; LD₅₀ (rat ip) = 90 mg/kg, (mus ip) = 150 mg/kg. *Dumex.*

3153 Imipramine Pamoate

4955



10,11-Dihydro-5-(3-(dimethylamino)propyl)-5H-dibenz[b,f]azepine pamoate.

Tofranil-PM. Antidepressant. *Ciba-Geigy Corp.*

3154 Indalpine

63758-79-2

4965

264-445-4



3-[2-(4-Piperidyl)ethyl]indole.

LM-5008; Upstene. Antidepressant. A selective serotonin uptake inhibitor. [monohydrochloride (C₁₅H₂₁ClN₂)]: mp = 167°.

3155 Indeloxazine Hydrochloride

65043-22-3

4972



(±)-2-[(Inden-7-yloxy)methyl]morpholine hydrochloride.

Cl-874; YM-08054-1; Elen; Noin. Antidepressant; nootropic. mp = 155-156°; LD₅₀ = (mus iv) = 47; [(+)-form]: mp = 112-113; [α]_D²¹ = +4.9° (c = 5 in MeOH); [(+)-

form]: mp = 142-142.5; $[\alpha]_D^{21} = -4.9^\circ$ (c = 5 in MeOH). Parke-Davis.

3156 Intripityline

27466-27-9

 $C_{21}H_{19}N$

4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-s-butynylamine.

Antidepressant. Ayerst.

3157 Iprindole

5560-72-5

5091

226-933-5

 $C_{19}H_{28}N_2$

5-[3-(Dimethylamino)propyl]-6,7,8,9,10,11-hexahydro-5H-cyclooct[b]indole.

pramindole; Tertran. Antidepressant. *American Home Products*.**3158 Iprindole Hydrochloride**

20432-64-8

5091

243-819-0

 $C_{19}H_{29}ClN_2$

5-[3-(Dimethylamino)propyl]-6,7,8,9,10,11-hexahydro-5H-cyclooct[b]indole hydrochloride.

WY-3263; Prondol; Galatur. Antidepressant. mp = 146-147°. *American Home Products; Wyeth Labs*.**3159 Iproclozide**

3544-35-2

5092

222-589-5

 $C_{11}H_{15}ClN_2O_2$

(p-chlorophenoxy)acetic acid 2-isopropylhydrazide.

PC-603; Sursum. Antidepressant. A monoamine oxidase inhibitor. mp = 93-94°.

3160 Iproniazid

54-92-2

5094

200-218-8

 $C_9H_{13}N_3O$

Isonicotinic acid 2-isopropylhydrazide.

Antidepressant. A monoamine oxidase inhibitor. mp = 112.5-113.5°; soluble in H_2O , EtOH; pH (aq) = 6.7.**3161 Iproniazid Phosphate**

305-33-9

5094

206-164-1

 $C_9H_{16}N_3PO_5$

Isonicotinic acid 2-isopropylhydrazide phosphate.

Marsilid. Antidepressant. A monoamine oxidase inhibitor.

mp = 175-185°; pH (5%) = 2.7-3.5; λ_m (MeOH) = 265 nm (A 166), (H_2O) = 264 nm (A 176), (0.1 N HCl) = 267 nm (A 179), (0.1 N KOH) = 244, 272, 308 nm (A 113, 121, 135); soluble in H_2O ; slightly soluble in alcohol; barely soluble in $CHCl_3$.**3162 Isocarboxazid**

59-63-2

5172

200-438-4

 $C_{12}H_{13}N_3O_2$

5-Methyl-3-isoxazolecarboxylic acid 2-benzylhydrazide.

Marplan. Antidepressant. A monoamine oxidase inhibitor.

mp = 105-106°; slightly soluble in H_2O , more soluble in organic solvents. *Hoffmann-LaRoche Inc*.**3163 Itriptyline Hydrochloride**

27466-29-1

 $C_{21}H_{20}ClN$

4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-s-butynylamine hydrochloride.

AY-22124. Antidepressant. Ayerst.

3164 Ketipramine

796-29-2

 $C_{19}H_{22}N_2O$

5-[3-(Dimethylamino)propyl]-5,11-dihydro-10H-dibenz[b,f]azepin-10-one.

Antidepressant.

3165 Ketipramine Fumarate

17243-32-2

 $C_{23}H_{26}N_2O_5$

5-[3-(Dimethylamino)propyl]-5,11-dihydro-10H-dibenz[b,f]azepin-10-one fumarate.

G-35259; Ketimipramine. Antidepressant.

3166 Levoprotiline

76496-68-9

 $C_{20}H_{23}NO$ (-)-(R) α -[(Methylamino)methyl]-9,10-ethanoanthracene-9(10H)-ethanol.

(-)-oxaprotiline; (-)-hydroxymaprotiline; CGP-12103A; 119. Inactive, R-(-)-enantiomer of racemic oxaprotiline, an antidepressant with noradrenaline uptake inhibiting activity. A tricyclic. See oxaprotiline.

3167 Levosulpiride

23672-07-3

9163

 $C_{15}H_{23}N_3O_4S$

(-)-N-[[[(S)-1-Ethyl-2-pyrrolidinyl)methyl]-5-sulfamoyl-o-anisamide.

S-(-)-sulpiride; Levobren; Levopraid. Antidepressant; antipsychotic; antiemetic. I-Form of Sulpiride. mp = 185-187°.

3168 Lidanserin

73725-85-6

 $C_{26}H_{31}FN_2O_4$

(±)-4-[3-[3-[4-(p-Fluorobenzoyl)piperidino]propoxy]-4-methoxyphenyl]-2-pyrrolidinone.

Antidepressant.

3169 Litoxetine

86811-09-8

 $C_{16}H_{19}NO$

4-(2-Naphthylmethoxy)piperidine.

SL-810385. Selective serotonin reuptake inhibitor. Antidepressant.

3170 Litracen

5118-30-9

 $C_{20}H_{23}N$

9-(3-Methylaminopropylidene)-10,10-dimethyl-9,10-dihydroanthracene.

N-7049. A tricyclic. Antidepressant.

3171 Lofepamine

23047-25-8

5587

245-396-8

 $C_{26}H_{27}ClN_2O$

4'-Chloro-2-[[3-(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)propyl)methylamino]acetophenone.

Lopramine. Antidepressant. A psychotropic drug related to Imipramine. mp = 104-106°; easily oxidized to desipramine and p-chlorobenzoic acid. *Leo AB*.

3172 Lofepamine Hydrochloride

26786-32-3 5587 248-002-2

 $C_{26}H_{28}Cl_2N_2O$

4'-Chloro-2-[[3-(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)propyl)methylamino]acetophenone monohydrochloride.

Leo-640; WHR-2908A; Amplit; Gamanil; Gamonil; Timelit; Tymelyt. Antidepressant. mp = 152-154°; soluble in alcohol, $CHCl_3$; practically insoluble in H_2O ; LD_{50} (mus orl) > 2500 mg/kg, (rat orl) > 1000 mg/kg, (mus ip) > 920 mg/kg; (rat ip) > 1000 mg/kg, (mus/rat sc) > 1000 mg/kg.**3173 Lorapride**

68677-06-5 272-057-1

 $C_{14}H_{22}ClN_3O_3S$

5-Chloro-n-[(1-ethyl-2-pyrrolidinyl)methyl]-2-methoxysulfanylamide.

Sulpiride derivative. Antipsychotic; antidepressant; antiemetic.

3174 Lorapride

68677-06-5 272-057-1

 $C_{14}H_{22}ClN_3O_3S$

5-Chloro-n-[(1-ethyl-2-pyrrolidinyl)methyl]-2-methoxysulfanylamide.

Sulpiride derivative. Antipsychotic; antidepressant; antiemetic.

3175 Lortalamine

70384-91-7

 $C_{14}H_{15}ClN_2O_2$

(±)-(4aR*,10R*,10aS*)-8-Chloro-1,2,3,4,10,10a-hexahydro-2-methyl-4a,10-(iminoethano)-4aH-[1]benzopyrano[3,2-c]pyridin-12-one.

LM-1404. Antidepressant. *Lipha*.**3176 Mafoprazine**

80428-29-1

 $C_{22}H_{28}FN_3O_3$

4'-[3-[4-(o-Fluorophenyl)-1-piperazinyl]propoxy]-m-acetanisidide.

Antipsychotic. A phenothiazine with postsynaptic dopamine D2-receptor blocking and alpha 2-adrenoceptor-stimulating actions.

3177 Maprotiline

10262-69-8 5792 233-599-4

 $C_{20}H_{23}N$

N-Methyl-9,10-ethanoanthracene-9(10H)-propylamine.

Antidepressant. Tricyclic. mp = 92-93°. *Ciba plc*.**3178 Maprotiline Hydrochloride**

10347-81-6 5792 233-758-8

 $C_{20}H_{24}ClN$

N-Methyl-9,10-ethanoanthracene-9(10H)-propylamine hydrochloride.

8a-34276; Depilept; Ludiomil; Psymion. Antidepressant. Tricyclic. mp = 230-232°; soluble in MeOH, $CHCl_3$; slightly soluble in H_2O ; insoluble in isooctane; LD_{50} (rat orl) = 900 mg/kg. *Ciba plc*.**3179 Mariptiline**

60070-14-6

 $C_{18}H_{18}N_2O$

1a,10b-Dihydrodibenzo[a,e]cyclopropa[c]cyclohepten-6(1H)one O-(2-aminoethyl)oxime.

Antidepressant.

3180 Maroxepin

65509-24-2

 $C_{19}H_{19}NO$

2,3,4,5-Tetrahydro-3-methyl-1H-dibenz[2,3:6,7]oxepino[4,5-d]azepine.

Tetracyclic with high affinity for the invertebrate specific octopamine receptor. A psychoactive agent with antidepressant and sedative properties.

3181 Medifoxamine

32359-34-5 5834 251-011-4

 $C_{16}H_{19}NO_2$

(Dimethylamino)acetaldehyde diphenyl acetal.

Antidepressant. *Gerda*.**3182 Medifoxamine Fumarate**

16604-45-8 5834 240-657-2

 $C_{20}H_{23}NO_6$

(Dimethylamino)acetaldehyde diphenyl acetal fumarate.

LG-152; Cledial; Geraxyl. Antidepressant. mp = 128.5°.

 LD_{50} (rat orl) = 750 mg/kg. *Gerda*.**3183 Melitracen**

5118-29-6 5866 225-858-5

 $C_{21}H_{25}N$ N,N,10,10-Tetramethyl- $\Delta^{9(10H)}$ -anthracenepropylamine.Antidepressant. *Kefalas A/S*.**3184 Melitracen Hydrochloride**

10563-70-9 5866 234-150-5

 $C_{21}H_{26}ClN$ N,N,10,10-Tetramethyl- $\Delta^{9(10H)}$ -anthracenepropylamine hydrochloride.

U-24973A; Dixeran; Melixeran; Trausabun.

Antidepressant. mp = 245-248°; LD_{50} (mus iv) = 52 mg/kg. *Kefalas A/S*.**3185 Metapramine**

21730-16-5 5991

 $C_{16}H_{18}N_2$

10,11-Dihydro-5-methyl-10-(methylamino-5H-dibenz[b,f]azepine.

RP-19560; Timaxel. Antidepressant. The hydrochloride is used for the injectable formulation; the fumarate is used for tablet formulations. *Rhône-Poulenc*.**3186 Methylbenactyzium Bromide**

3166-62-9 1055 221-628-3

 $C_{21}H_{28}BrNO_3$

Diethyl(2-hydroxyethyl)methylammonium bromide benzilate.

Antidepressant; anticholinergic.

3187 Metralindole

54188-38-4 6238

 $C_{15}H_{17}N_3O$

2,4,5,6-Tetrahydro-9-methoxy-4-methyl-1H-3,4,6a-triazafluoranthene.

Antidepressant. A heterocyclic β -carboline derivative. mp = 164-165°.

3188 Metralindole Hydrochloride

69198-10-3 6238

 $C_{15}H_{18}ClN_3O$

2,4,5,6-Tetrahydro-9-methoxy-4-methyl-1H-3,4,6a-triazafluoranthene hydrochloride.

Incazan. Antidepressant. A heterocyclic β -carboline derivative. mp = 305-308°; soluble in H_2O ; LD₅₀ (mus orl) = 445 mg/kg.**3189 Mianserin**

24219-97-4 6260 246-088-6

 $C_{18}H_{20}N_2$

1,2,3,4,10,14b-Hexahydro-2-methyldibenzo[c,f]pyrazino[1,2-a]azepine.

Antidepressant. Serotonin receptor antagonist. *Organon Inc.***3190 Mianserin Hydrochloride**

21535-47-7 6260 244-426-7

 $C_{18}H_{21}ClN_2$

1,2,3,4,10,14b-Hexahydro-2-methyldibenzo[c,f]pyrazino[1,2-a]azepine monohydrochloride.

GB-94; Org-GB-94; Athymil; Bolvidon; Lantanon; Norval; Tetramide; Tolvin; Tolvon. Antidepressant; antihistaminic.

A serotonin receptor antagonist. mp = 282-284°; LD₅₀ (mmus orl) = 356 mg/kg, (fmus orl) = 390 mg/kg, (mmus iv) = 32.5 mg/kg, (fmus iv) = 31.0 mg/kg. *Organon Inc.***3191 Milacemide**

76990-56-2

 $C_7H_{16}N_2O$

2-(Pentylamino)acetamide.

Antidepressant; anticonvulsant. *Searle, G.D., & Co.***3192 Milacemide Hydrochloride**

76990-85-7

 $C_7H_{17}ClN_2O$

2-(Pentylamino)acetamide monohydrochloride.

CP-1552S. Antidepressant; anticonvulsant. *Searle, G.D., & Co.***3193 Milnacipran**

92623-85-3 6281

 $C_{15}H_{21}N_2O$

(±)-cis-2-(Aminomethyl)-N,N-diethyl-1-phenylcyclopropanecarboxamide.

Midalcipran. Antidepressant. A serotonin and norepinephrine uptake inhibitor. *Pierre Fabré.***3194 Milnacipran Hydrochloride**

101152-94-7 6281

 $C_{15}H_{22}ClN_2O$

(±)-cis-2-(Aminomethyl)-N,N-diethyl-1-phenylcyclopropanecarboxamide monohydrochloride.

F-2207. Antidepressant. A serotonin and norepinephrine uptake inhibitor. mp = 189-181°; LD₅₀ (mus orl) = 237 mg/kg. *Pierre Fabré.***3195 Minaprine**

25905-77-5 6287 247-329-8

 $C_{17}H_{22}N_4O$

4-[2-[(4-Methyl-6-phenyl-3-pyridazinyl)amino]ethyl]morpholine.

Antidepressant. mp = 122°; insoluble in H_2O ; slightlysoluble in EtOH; soluble in $CHCl_3$. *Sanofi, Inc.***3196 Minaprine Hydrochloride**

25953-17-7 6287

 $C_{17}H_{24}Cl_2N_4O$

4-[2-[(4-Methyl-6-phenyl-3-

pyridazinyl)amino]ethyl]morpholine dihydrochloride.

Agr-1240; CB-30038; Brantur; Cantor. Antidepressant. mp = 182°. *Sanofi, Inc.***3197 Mirtazapine**

61337-67-5 6295

 $C_{17}H_{19}N_3$

1,2,3,4,10,14b-Hexahydro-2-methylpyrazino[2,1-a]pyrido[2,3-c]benzazepine.

Org-3770; 6-Azamianserin; mepirzepine; Mirtazepine; Remeron. Antidepressant. An α_2 -adrenergic blocker; analog of mianserin. mp = 114-116°. *Organon Inc.; Chinoi.***3198 Moclobemide**

71320-77-9 6309

 $C_{13}H_{17}ClN_2O_2$

p-Chloro-N-(2-morpholinoethyl)benzamide.

Ro-11-1163; Aurorix; Manerix; Moclamide. Antidepressant. A reversible monoamine oxidase A inhibitor. mp = 137°; LD₅₀ (rat orl) = 707 mg/kg. *Hoffmann-LaRoche Inc.; C.M. Industries.***3199 Modaline**

2856-74-8

 $C_{10}H_{15}N_3$

2-Methyl-3-piperidinopyrazine.

Antidepressant. *Parke-Davis.***3200 Modaline Sulfate**

2856-75-9

 $C_{10}H_{17}N_3O_4S$

2-Methyl-3-piperidinopyrazine sulfate (1:1).

W-3207B; NSC-89277. Antidepressant. *Parke-Davis.***3201 Napactadine Hydrochloride**

57166-13-9

 $C_{14}H_{17}ClN_2$

N,N'-Dimethyl-2-naphthaleneacetamide monohydrochloride.

DL-588. Antidepressant. *Marion Merrell Dow Inc.***3202 Napamezole**

91524-14-0

 $C_{14}H_{16}N_2$

2-[(3,4-Dihydro-2-naphthyl)methyl]-2-imidazoline.

Antidepressant. *Sterling Winthrop, Inc.***3203 Napamezole Hydrochloride**

87495-33-8

 $C_{14}H_{17}ClN_2$

2-[(3,4-Dihydro-2-naphthyl)methyl]-2-imidazoline monohydrochloride.

Win-51181-2. Antidepressant. *Sterling Winthrop, Inc.***3204 Napitane**

148152-63-0

 $C_{22}H_{25}NO_2$

(±)-(3R*)-3-Phenyl-1-[(6R*)-6,7,8,9-tetrahydro-

naphtho[1,2-d]-1,3-dioxol-6-yl)methyl]pyrrolidine.
A-75200. Antidepressant. *Abbott Labs.*

3205 Napitane Mesylate

149189-73-1

$C_{23}H_{29}NO_5S$
(±)-(3R*)-3-Phenyl-1-[[[(6R*)-6,7,8,9-tetrahydro-
naphtho[1,2-d]-1,3-dioxol-6-yl)methyl]pyrrolidine
methanesulfonate.

A-75200 Mesylate. Antidepressant. *Abbott Labs.*

3206 Nefazodone

83366-66-9 6527

$C_{25}H_{32}ClN_5O_2$
2-[3-[4-(3-Chlorophenyl)-1-piperazinyl]propyl]-5-ethyl-
2,4-dihydro-4-(2-phenoxyethyl)-3H-1,2,4-triazol-3-one.
Antidepressant. A selective serotonin receptor antagonist.
mp = 83-83°. *Bristol-Myers Squibb Pharmaceutical Res.
and Dev; Mead Johnson Pharmaceuticals.*

3207 Nefazodone Hydrochloride

82752-99-6 6527

$C_{25}H_{33}Cl_2N_5O_2$
2-[3-[4-(3-Chlorophenyl)-1-piperazinyl]propyl]-5-ethyl-
2,4-dihydro-4-(2-phenoxyethyl)-3H-1,2,4-triazol-3-one
monohydrochloride.
BMV-13754; MJ-13754-1; Dutonin; Serazone.
Antidepressant. A selective serotonin receptor antagonist.
mp (crystals from iPrOH) = 186-87°, mp (crystals from
EtOH) = 175-177°. *Bristol-Myers Squibb Pharmaceutical
Res. and Dev; Mead Johnson Pharmaceuticals.*

3208 Nefopam

13669-70-0 6529 237-148-2

$C_{17}H_{19}NO$
3,4,5,6-Tetrahydro-5-methyl-2-phenyl-1H-2,5-
benzoxazocine.
Antidepressant; analgesic. A benzoxazocine; a centrally
acting muscle relaxant. *Rexall Sundown, Inc.; Riker Labs.*

3209 Nefopam Hydrochloride

23327-57-3 6529 245-585-5

$C_{17}H_{20}ClNO$
3,4,5,6-Tetrahydro-5-methyl-2-phenyl-1H-2,5-
benzoxazocine hydrochloride.
R-738; Acupan; Ajan; Fenazoxine. Antidepressant;
analgesic. A benzoxazocine; a centrally acting muscle
relaxant. mp = 238-242°; LD₅₀ (mus orl) = 119 mg/kg, (rat
orl) = 178 mg/kg, (mus iv) = 44.5 mg/kg, (rat iv) = 28
mg/kg. *3M Pharmaceuticals; Rexall Sundown, Inc.; Riker
Labs.*

3210 Nialamide

51-12-7 6575 200-079-3

$C_{16}H_{18}N_4O_2$
Isonicotinic acid 2-[(2-benzylcarbamoyl)ethyl]hydrazide.
NF-XIII; Espiril; Niamid; Niamidal; Niaquitol; Nuredal;
Nyezin. Antidepressant. mp = 152-153°; slightly soluble
in H₂O, more soluble in acids; LD₅₀ (mus orl) = 590
mg/kg, (mus ip) = 435 mg/kg, (mus iv) = 120 mg/kg. *Pfizer
Inc.*

3211 Nisoxetine

53179-07-0

$C_{17}H_{21}NO_2$
(±)-3-(o-Methoxyphenoxy)-N-methyl-3-phenyl-

propylamine.

Compound 89218. Antidepressant. *Eli Lilly & Co.*

3212 Nitrafudam

64743-09-5

$C_{11}H_9N_3O_3$
5-(o-Nitrophenyl)-2-furamide.
Antidepressant. *Norwich Eaton.*

3213 Nitrafudam Hydrochloride

57666-60-1

$C_{11}H_{10}ClN_3O_3$
5-(o-Nitrophenyl)-2-furamide monohydrochloride.
F-853. Antidepressant. *Norwich Eaton.*

3214 Nomifensine

24526-64-5 6768

$C_{16}H_{18}N_2$
8-Amino-1,2,3,4-tetrahydro-2-methyl-4-
phenylisoquinoline.
Antidepressant. A novel antidepressant distinguished by its
bicyclic structure. mp = 19-181°. *Hoechst-Roussel
Pharmaceuticals Inc.*

3215 Nomifensine Maleate

32795-47-4 6768 251-223-7

$C_{20}H_{22}N_2O_4$
8-Amino-1,2,3,4-tetrahydro-2-methyl-4-
phenylisoquinoline maleate (1:0).
HOE-984; Alival; Hostalival; Merital; Neurolene;
Pscronizer. Antidepressant. A novel antidepressant
distinguished by its bicyclic structure. mp = 199-201°;
LD₅₀ (rat orl) = 430 mg/kg, (rat iv) = 72 mg/kg, (mus sc) =
430 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.*

3216 Nortriptyline

72-69-5 6812 200-788-8

$C_{19}H_{21}N$
3-(10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-
ylidene)-N-methyl-1-propanamine.
desitriptilina; desmethyramitriptyline; Avantly; Aventyl;
Noritren; Ateben; Psychostyl; Sesaval. Antidepressant.
Tricyclic. *Merck & Co., Inc.*

3217 Nortriptyline Hydrochloride

894-71-3 6812 212-973-0

$C_{19}H_{22}ClN$
3-(10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-
ylidene)-N-methyl-1-propanamine hydrochloride.
Acetexa; Allegron; Altilev; Aventyl Hydrochloride;
Nortrilen; Norzepine; Pamelor; Sensival; Vividyl.
Antidepressant. Tricyclic. mp = 213-215°; λ_m = 240 nm (ε
13900); soluble in H₂O, EtOH, CHCl₃, insoluble in other
organic solvents. *Eli Lilly & Co.; Merck & Co., Inc.;
Sandoz Pharmaceuticals Corp.*

3218 Noxiptiline

3362-45-6 6821

$C_{19}H_{22}N_2O$
10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-one O-[2-
dimethyl-amino]ethyl]oxime.
noxiptilin; noxiptyline; Dibenzoxin. Antidepressant. bp_{0.05}
= 160-164°. *Bayer Corp.; Pfizer Inc.*

3219 Noxiptiline Hydrochloride

4985-15-3 6821 225-638-9
 $C_{19}H_{23}ClN_2O$
 10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-one O-[2-dimethyl-amino)ethyl]oxime monohydrochloride.
 Bay-1521; Agedal; Nogedal. Antidepressant. mp = 185-187°; LD₅₀ (mus sc) = 240 mg/kg. *Bayer Corp.; Pfizer Inc.*

3220 Octamoxin

4684-87-1 6845
 $C_8H_{20}N_2$
 (1-Methylheptyl)hydrazine.
 octomoxine; Ximaol. Antidepressant. A monoamine oxidase inhibitor.

3221 Octamoxin Sulfate

3845-07-6 6845
 $C_8H_{22}N_2O_4S$
 (1-Methylheptyl)hydrazine sulfate.
 Nimcal. Antidepressant. A monoamine oxidase inhibitor. mp = 78-80°.

3222 Octriptyline

47166-67-6
 $C_{20}H_{21}N$
 1a,10b-Dihydro-N-methyldibenzo[a,d]-cyclopropa[c]cyclopheptene- $\Delta^{6(1H),\gamma}$ -propylamine.
 Antidepressant. *Searle, G.D., & Co.*

3223 Octriptyline Phosphate

51481-67-5
 $C_{20}H_{24}NPO_4$
 1a,10b-Dihydro-N-methyldibenzo[a,d]cyclopropa[c]cyclopheptene- $\Delta^{6(1H),\gamma}$ -propylamine phosphate (1:1).
 SC-27123. Antidepressant. *Searle, G.D., & Co.*

3224 Opipramol

315-72-0 6985 206-254-0
 $C_{23}H_{29}N_3O$
 4-[3-(5H-Dibenz[b,f]azepin-5-yl)propyl]-1-piperazineethanol.
 Antidepressant; antipsychotic. mp = 100-101°. *Ciba-Geigy Corp.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

3225 Opipramol Hydrochloride

909-39-7 6985 213-000-2
 $C_{23}H_{31}Cl_2N_3O$
 4-[3-(5H-Dibenz[b,f]azepin-5-yl)propyl]-1-piperazineethanol dihydrochloride.
 G-33040; Dinsidon; Ensidon; Insidon; Nisidana. Antidepressant; antipsychotic. mp = 229-230°; soluble in H₂O, EtOH; sparingly soluble in Me₂CO. *Ciba-Geigy Corp.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

3226 Oxaflozane

26629-87-8 7039 247-855-8
 $C_{14}H_{18}F_3NO$
 4-(1-Methylethyl)-2-[3-(trifluoromethyl)phenyl]-morpholine.
 Antidepressant. A non-trycyclic antidepressant agent. Oil; bp_{0.005} = 99°; n_D^{24} = 1.4751.

3227 Oxaflozane Hydrochloride

222629-86-7 7039

$C_{14}H_{19}ClF_3NO$
 4-(1-Methylethyl)-2-[3-(trifluoromethyl)phenyl]-morpholine monohydrochloride.
 CERM-1766; Conflictan. Antidepressant. A non-trycyclic antidepressant agent. mp = 164°; LD₅₀ (mus orl) = 365 or 420 mg/kg, (mus iv) = 90 or 80 mg/kg.

3228 Oxaprotiline

56433-44-4
 $C_{20}H_{23}NO$
 (±)-α-[(Methylamino)-methyl]-9,10-ethanoanthracene-9(10H)-ethanol.
 hydroxymaprotiline; CGP-12104A [(+)-enantiomer]. Antidepressant. Noradrenaline uptake inhibitor. *Ciba-Geigy Corp.*

3229 Oxaprotiline Hydrochloride

39022-39-4
 $C_{20}H_{24}ClNO$
 (±)-α-[(Methylamino)-methyl]-9,10-ethanoanthracene-9(10H)-ethanol hydrochloride.
 C-49802B-Ba. Antidepressant. Noradrenaline uptake inhibitor. *Ciba-Geigy Corp.*

3230 Oxitriptyline

29541-85-3
 $C_{19}H_{21}NO_2$
 2-[(10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-yl)oxy]-N,N-dimethylacetamide.
 Tricyclic. Antidepressant.

3231 Oxypertine

153-87-7 7105 205-818-3
 $C_{23}H_{29}N_3O_2$
 5,6-Dimethoxy-2-methyl-3-[2-(4-phenyl-1-piperazinyl)ethyl]indole.
 Win-18501-2; Forit; Integrin. Antidepressant. *Sterling Winthrop, Inc.*

3232 Panuramine

80349-58-2
 $C_{24}H_{25}N_3O_2$
 1-Benzoyl-3-[1-(2-naphthylmethyl)-4-piperidyl]urea.
 Wy-26002; 390. Selective inhibitor of 5-hydroxytryptamine uptake. Antidepressant.

3233 Paroxetine

61869-08-7 7175
 $C_{19}H_{20}FNO_3$
 (-)-(3S,4R)-4-(p-fluorophenyl)-3S-[[[3,4-methylenedioxyphenoxy)methyl]piperidine].
 BRL-29060; Aropax; Paxil; Seroxat. Antidepressant. A serotonin uptake inhibitor. *Beecham Research Labs.*

3234 Phenelzine

51-71-8 7366 205-856-0
 $C_8H_{12}N_2$
 Phenylethylhydrazine.
 phenalzine. Antidepressant. A monoamine oxidase inhibitor. bp_{0.1} = 74°; n_D^{20} = 1.5494. *Lakeside Biotechnology.*

3235 Phenelzine Dihydrogen Sulfate

156-51-4 7366 200-117-9
 $C_8H_{14}N_2O_4S$
 Phenylethylhydrazine sulfate (1:1).

W-1544a; Nardelzine; Nardil; Stinerval. Antidepressant. A monoamine oxidase inhibitor. Soluble in H_2O ; LD_{50} (mus orl) = 156 mg/kg. *Lakeside Biotechnology; Parke-Davis.*

3236 Phenoxypropazine

3818-37-9 7411

$C_9H_{14}N_2O$

1-(Methyl-2-phenoxyethyl)hydrazine.

phenoxypropazine. Antidepressant. A monoamine oxidase inhibitor. $bp_{0.2}$ = 98-102°.

3237 Phenoxypropazine Maleate

3941-06-8 7411

$C_{13}H_{18}N_2O_5$

1-(Methyl-2-phenoxyethyl)hydrazine maleate (1:1).

Drazine. Antidepressant. A monoamine oxidase inhibitor. mp = 107-108°; very soluble in H_2O , less soluble in EtOH.

3238 Piberaline

39640-15-8 7547

$C_{17}H_{19}N_3O$

1-Benzyl-4-picolinoylpiperazine.

Trelibet. Antidepressant. *EGYT.*

3239 Pirandamine

42408-79-7

$C_{17}H_{23}NO$

1,3,4,9-Tetrahydro-N,N,1-trimethylindeno[2,1-c]pyran-1-ethylamine.

Antidepressant. *Ayerst.*

3240 Pirandamine Hydrochloride

42408-78-6

$C_{17}H_{24}ClNO$

1,3,4,9-Tetrahydro-N,N,1-trimethylindeno[2,1-c]pyran-1-ethylamine hydrochloride.

AY-23713. Antidepressant. *Ayerst.*

3241 Pirsudanol

33605-94-6 8175 251-591-9

$C_{16}H_{24}N_2O_6$

2-(Dimethylamino)ethyl [5-hydroxy-4-(hydroxymethyl)-6-methyl-3-pyridyl]methyl succinate.

Pyrisuccideanol. Antidepressant. *Soc. Etudes Sci. Ind. L'Ile de France.*

3242 Pirsudanol Dimaleate

53659-00-0 8175 258-690-6

$C_{24}H_{32}N_2O_{14}$

2-(Dimethylamino)ethyl [5-hydroxy-4-(hydroxymethyl)-6-methyl-3-pyridyl]methyl succinate maleate (1:2).

Mentium; Nadex; Pyrisuccideanol Dimaleate; Stivane. Antidepressant. mp = 134°. *Soc. Etudes Sci. Ind. L'Ile de France.*

3243 Pirlindole

60762-57-4

$C_{15}H_{18}N_2$

2,3,3a,4,5,6-Hexahydro-8-methyl-1H-pyrazino[3,2,1-jk]-carbazole.

pyrazidole. A selective and reversible monoamine oxidase A inhibitor. Antidepressant.

3244 Pridefine

5370-41-2

$C_{19}H_{21}N$

3-(Diphenylmethylene)-1-ethyl pyrrolidine.

Antidepressant.

3245 Pridefine Hydrochloride

23239-78-3

$C_{19}H_{22}ClN$

3-(Diphenylmethylene)-1-ethyl pyrrolidine hydrochloride.

AHR-1118. Antidepressant.

3246 Prolintane

493-92-5 7964 207-784-5

$C_{15}H_{23}N$

1-[1-(Phenylmethyl)butyl] pyrrolidine.

phenylpyrrolidinopentane; SP-732. CNS stimulant;

antidepressant. bp = $_{0.5}$ = 105°; bp₁₆ = 153°. *Thomae.*

3247 Prolintane Hydrochloride

1211-28-5 7964 214-917-0

$C_{15}H_{24}ClN$

1-[1-(Phenylmethyl)butyl] pyrrolidine hydrochloride.

Katovit; Promotil. CNS stimulant; antidepressant. mp =

133-134°; LD_{50} (mus orl) = 257 mg/kg. *Thomae.*

3248 Propizepine

10321-12-7 8019 233-705-9

$C_{17}H_{20}N_4O$

6,11-Dihydro-6-[2-(dimethylamino)-2-methylethyl]-5H-pyrido[2,3-b][1,5]benzodiazepin-5-one.

Antidepressant. mp = 122°. *Labs. UPSA.*

3249 Propizepine Hydrochloride

54556-98-8 8019

$C_{17}H_{21}ClN_4O$

6,11-Dihydro-6-[2-(dimethylamino)-2-methylethyl]-5H-pyrido[2,3-b][1,5]benzodiazepin-5-one

monohydrochloride.

UP-106; Vagran. Antidepressant. mp = 235°. *Labs. UPSA.*

3250 Protriptyline

438-60-8 8088 207-119-9

$C_{19}H_{21}N$

N-Methyl-5H-dibenzo[a,d]cycloheptene-5-propylamine. amimetilina. Antidepressant. *Merck & Co., Inc.*

3251 Protriptyline Hydrochloride

1225-55-4 8088 214-956-3

$C_{19}H_{22}ClN$

N-Methyl-5H-dibenzo[a,d]cycloheptene-5-propylamine hydrochloride.

MK-240; Concordin; Maximet; Triptil; Vivactil.

Antidepressant. mp = 169-171°; λ_m = 290 nm (ϵ = 13311); pKa = 8.2; soluble in H_2O ; pKa = 8.2. *Merck & Co., Inc.*

3252 Quinupramine

31721-17-2 8267 250-780-3

$C_{21}H_{24}N_2$

10,11-Dihydro-5-(3-quinuclidinyl)-5H-

dibenz[b,f]azepine.

LM208; Kinupril; Kevopril. Antidepressant. An analog of imipramine. mp = 150°. *Unilever.*

3253 Quipazine

4774-24-7

 $C_{13}H_{15}N_3$

2-(1-Piperazinyl)quinoline.

Antidepressant; oxytoxic. *Miles*.**3254 Quipazine Maleate**

5786-68-5

227-314-2

 $C_{17}H_{19}N_3O_4$

2-(1-Piperazinyl)quinoline maleate (1:1).

MA-1291. Antidepressant; oxytoxic. *Miles*.**3255 Reboxetine**

98769-81-4

 $C_{19}H_{23}O_3$

(±)-(2R*)-2-[(αR*)-α-(o-Ethoxyphenoxy)benzyl]-morpholine.

Selective noradrenaline reuptake inhibitor.

Antidepressant.

3256 Ritanserin

87051-43-2

8399

 $C_{27}H_{25}F_2N_3OS$

6-[2-[4-[Bis(p-fluorophenyl)methylene]-piperidino]ethyl]-7-methyl-5H-thiazolo[3,2-a]pyrimidin-5-one.

R-55667; Tiserton. Anxiolytic; antidepressant. A selective serotonin receptor antagonist. mp = 145.5°; LD₅₀ (rat iv) = 20.0 mg/kg, (dog iv) = 24.1 mg/kg, (rat orl) = 956 mg/kg, (dog orl) 1280 mg/kg. *Janssen Pharmaceutical Inc.***3257 Rolicyprine**

2829-19-8

8409

 $C_{14}H_{16}N_2O_2$

L-trans-(+)-5-Oxo-N-(2-phenylcyclopropyl)-2-pyrrolidinecarboxamind.

EX-4883; RMI-83027; Cypromin; Rolicypram.

Antidepressant. mp = 144-147°; [α]_D²⁵ = +104.28° (DMF);LD₅₀ (rat orl) = 88-104 mg/kg. *Lakeside Biotechnology; Lever Brothers; Marion Merrell Dow Inc.; Schering AG.***3258 Rolipram**

61413-54-5

8410

262-771-1

 $C_{16}H_{21}NO_3$

4-[3-(Cyclopentyloxy)-4-methoxyphenyl]-2-pyrrolidinone. ZK-62711. Antidepressant. A selective type-IV inhibitor of cyclic AMP phosphodiesterase; a pyrrolidone

and antidepressant. mp = 132°. *Schering AG.***3259 Roxindole**

112192-04-8

8432

 $C_{23}H_{26}N_2O$

3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridylbutyl)indol-5-ol.

Antidepressant. A dopamine D₂-receptor agonist.**3260 Roxindole Hydrochloride**

108050-13-1

8432

 $C_{23}H_{27}ClN_2O$

3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridylbutyl)indol-5-ol monohydrochloride.

EMD-38362. Antidepressant. A dopamine D₂-receptor agonist. mp = 274°.**3261 Roxindole Methanesulfonate**

119742-13-1

8432

 $C_{24}H_{29}N_2O_4S$

3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridylbutyl)indol-5-ol methanesulfonate.

EMD-49980; roxindole mesylate. Antidepressant. A dopamine D₂-receptor agonist.**3262 Seproxetine**

126924-38-7

 $C_{16}H_{16}F_3NO$

(S)-3-Phenyl-3-[(α,α,α-trifluoro-p-tolyl)oxy]propylamine.

Antidepressant. *Eli Lilly & Co.***3263 Seproxetine Hydrochloride**

127685-30-7

 $C_{16}H_{17}ClF_3NO$

(S)-3-Phenyl-3-[(α,α,α-trifluoro-p-tolyl)oxy]propylamine hydrochloride.

LY-215229. Antidepressant. *Eli Lilly & Co.***3264 Sertraline**

79617-96-2

8612

 $C_{17}H_{17}Cl_2N$

(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine.

Antidepressant. A selective serotonin uptake inhibitor. *Pfizer Inc.***3265 Sertraline Hydrochloride**

79559-97-0

8612

 $C_{17}H_{18}Cl_2N$

(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine hydrochloride.

Cp-51974-1; Lustral; Zoloft. Antidepressant. mp = 243-245°; [α]_D²³ = 38° (c = 2 MeOH). *Pfizer Inc.***3266 Setiptiline**

57262-94-9

260-653-4

1,2,3,4-Tetrahydro-2-methyl-1H-

dibenzo[3,4:6,7]cyclohepta[1,2-c]pyridine.

MO-8282; Org-8282; Tecipul [as maleate]; 272. A tetracyclic. Antidepressant.

3267 Sibutramine

106650-56-0

8629

 $C_{17}H_{26}ClN$

(±)-1-(p-Chlorophenyl)-α-isobutyl-N,N-dimethylcyclobutanemethylamine.

Anorexic; antidepressant. A monoamine reuptake inhibitor. *Boots Pharmaceuticals Inc.***3268 Sibutramine Hydrochloride [anhydrous]**

84485-00-7

8629

 $C_{17}H_{29}Cl_2NO$

(±)-1-(p-Chlorophenyl)-α-isobutyl-N,N-dimethylcyclobutanemethylamine hydrochloride.

Anorexic; antidepressant. A monoamine reuptake inhibitor. *Boots Pharmaceuticals Inc.***3269 Sibutramine Hydrochloride Monohydrate**

125494-59-9

8629

 $C_{17}H_{27}Cl_2N$

(±)-1-(p-Chlorophenyl)-α-isobutyl-N,N-dimethylcyclobutanemethylamine

hydrochloride

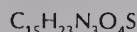
monohydrate.

BTS-54524; Reductil; Meridia. Anorexic; antidepressant. A monoamine reuptake inhibitor. mp = 193-195.5°. *Boots*

Pharmaceuticals Inc.

3270 Sulpiride

15676-16-1 9163 239-753-7



N-[(1-Ethyl-2-pyrrolidiny)methyl]-2-methoxy-5-sulfamoylbenzamide.

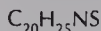
Abilit; Aiglonyl; Coolsan; Dobren; Dogmatil; Dogmatyl; Dolmatil; Guastil; Meresa; Mirbanil; Misulvan; Neogama; Omperan; Pyrikapil; Sernevin; Splotin; Sulpitol; Sursumid; Syndeil; Trilan; I-forms: Levosulpiride; S(-)-Sulpiride; Levobren; Levopraid. Antidepressant; antipsychotic; antiemetic. White, odorless crystalline powder; mp = 178-180°; sparingly soluble in MeOH; practically insoluble in H₂O, Et₂O, CHCl₃, C₆H₆; pK_{a1} = 10.19; [α]_D²⁵ = -66.8°; LD₅₀ (mus ip) = 170 mg/kg, (mus orl) = 2250 mg/kg. Soc. *Études Sci. Ind. L'île de France; Delagrangé; Ravizza.*

3271 Suritazole

110623-33-1

3-(m-Fluorophenyl)-1,4-dimethyl-Δ²-1,2,4-triazoline-5-thione.MDL-26479. Antidepressant. *Marion Merrell Dow Inc.***3272 Talsupram**

21489-20-3



1,3-Dihydro-N,3,3-trimethyl-1-phenylbenzo(c)thiophen-1-propylamine.

Selective noradrenaline uptake inhibitor. Antidepressant.

3273 Tametraline

52795-02-5



(1R,4S)-1,2,3,4-Tetrahydro-N-methyl-4-phenyl-1-naphthylamine.

Antidepressant. *Pfizer Inc.***3274 Tametraline Hydrochloride**

52760-47-1



(1R,4S)-1,2,3,4-Tetrahydro-N-methyl-4-phenyl-1-naphthylamine hydrochloride.

CP-24441-1. Antidepressant. *Pfizer Inc.***3275 Tampramine**

83166-17-0

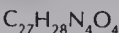


11-[3-(Dimethylamino)propyl]-6-phenyl-11H-pyrido[2,3-b][1,4]benzodiazepine.

Antidepressant.

3276 Tampramine Fumarate

83166-18-1



11-[3-(Dimethylamino)propyl]-6-phenyl-11H-pyrido[2,3-b][1,4]benzodiazepine fumarate (1:1).

AHR-9377. Antidepressant.

3277 Tandamine

42408-80-0

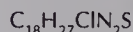


1-[2-(Dimethylamino)ethyl]-9-ethyl-1,2,3,9-tetrahydro-1-methylthiopyrano[3,4-b]-indole.

Antidepressant.

3278 Tandamine Hydrochloride

58167-78-5



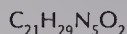
1-[2-(Dimethylamino)ethyl]-9-ethyl-1,2,3,9-tetrahydro-1-methylthiopyrano[3,4-b]-indole monohydrochloride.

AY-23946. Antidepressant.

3279 Tansospirone

87760-53-0

9219

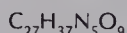


(1R*,2S*,3R*,4S*)-N-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-2,3-norbornanedicarboximide.

Anxiolytic; antidepressant. A serotonin receptor agonist. mp = 112-13.5°. *Pfizer Inc.; Sumitomo.***3280 Tansospirone Citrate**

112457-95-1

9219



(1R*,2S*,3R*,4S*)-N-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-2,3-norbornanedicarboximide citrate (1:1).

SM-3997. Anxiolytic; antidepressant. A serotonin receptor agonist. mp = 169.5-170°. *Pfizer Inc.; Sumitomo.***3281 Teniloxazine**

62473-79-4



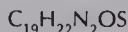
(±)-2-[[[α-2-Thienyl-o-tolyl]oxy]methyl]morpholine.

Y-8894 [as maleate]. Antidepressant; nootropic; antianoxic.

3282 Thiazesim

5845-26-1

9440

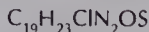


5-[2-(Dimethylamino)ethyl]-2,3-dihydro-2-phenyl-1,5-benzothiazepin-4(5H)-one.

thiazenone; thiazesim. Antidepressant. *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Olin Mathieson.***3283 Thiazesim Hydrochloride**

3122-01-8

9440

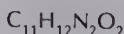


5-[2-(Dimethylamino)ethyl]-2,3-dihydro-2-phenyl-1,5-benzothiazepin-4(5H)-one monohydrochloride.

thiazesim hydrochloride; SQ-10469; Altinil. Antidepressant. mp = 222-224°. *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Olin Mathieson.***3284 Thozalinone**

655-05-0

9521



2-(Dimethylamino)-5-phenyl-2-oxazolin-4-one.

CL-39808; Stimsen; thozalinone; tozalinone. Antidepressant. mp = 133-136°. *American Cyanamid.***3285 Tianeptine**

66981-73-5

9560



7-[(3-Chloro-6,11-dihydro-6-methyldibenzo[c,f][1,2]-thiazepin-11-yl)amino]heptanoic acid S,S-dioxide.

Antidepressant. A tricyclic compound with psychostimulant, antiulcerative, and anitemetic properties. *Sci. Union et Cie, France.*

3286 Tianeptine Sodium Salt

30123-17-2 9560 250-059-3
 $C_{21}H_{24}ClN_2NaO_4S$
 Sodium 7-[(3-Chloro-6,11-dihydro-6-methyldibenzo[c,f][1,2]thiazepin-11-yl)amino]heptanoate S,S-dioxide.
 Stablon. Antidepressant. A tricyclic compound with psychostimulant, antiulcerative, and anitemetic properties. mp = 180°. *Sci. Union et Cie, France.*

3287 Tifemoxone

39754-64-8 254-620-3
 $C_{11}H_{13}NO_2S$
 Tetrahydro-6-(phenoxyethyl)-2H-1,3-oxazine-2-thione. Putative antidepressant.

3288 Tiflucarbine

89875-86-5
 $C_{16}H_{17}FN_2S$
 9-Ethyl-4-fluoro-7,8,9,10-tetrahydro-1-methyl-6H-pyrido[4,3-b]thieno[3,2-e]indole.
 BAY-P-4495. Protein kinase C/calmodulin inhibitor. Serotonin (5-HT) receptor antagonist. Antidepressant.

3289 Tisocromide

35423-51-9
 $C_{19}H_{30}N_2O_6S$
 N-[3-(Dimethylamino)-1,3-dimethylbutyl]-6,7-dimethoxy-2,1-benzoxathian-3-carboxamide 1,1-dioxide.
 Antidepressant; antioxidant; antihypoxic.

3290 Toloxatone

29218-27-7 9659 249-522-2
 $C_{11}H_{13}NO_3$
 5-(Hydroxymethyl)-3-m-tolyl-2-oxazolidinone.
 MD-69276; Humoryl; Perenum. Antidepressant. A reversible monoamine oxidase A inhibitor. mp = 76°; LD₅₀ (mus orl) 1850 mg/kg. *Delandale Labs., Ltd.*

3291 Tomoxetine

83015-26-3
 $C_{17}H_{21}NO$
 (-)-N-Methyl-3-(o-tolylxy)propylamine.
 Antidepressant.

3292 Tomoxetine Hydrochloride

82248-59-7
 $C_{17}H_{22}ClNO$
 (-)-N-Methyl-3-(o-tolylxy)propylamine hydrochloride.
 Ly-139603. Antidepressant. *Eli Lilly & Co.*

3293 trans-Doxepin Hydrochloride

3607-18-9 3492
 $C_{19}H_{22}ClNO$
 trans-3-Dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-propanamine hydrochloride.
 Antidepressant. mp = 192-193°. *Roerig Div., Pfizer Pharmaceuticals; Fisons plc, Pharmaceuticals Div.*

3294 Tranlycypamine Sulfate

13492-01-8 9708 236-807-1
 $C_{18}H_{24}N_2O_4S$
 (±)-trans-2-Phenylcyclopropamine sulfate (2:1).
 Parnate; Tylciprine. Antidepressant. A monoamine oxidase inhibitor. Soluble in H₂O, less soluble in organic

solvents. *SmithKline Beecham Pharmaceuticals.*

3295 Tranlycypromine

155-09-9 9708 205-841-9
 $C_9H_{11}N$
 (±)-trans-2-Phenylcyclopropamine.
 SKF-trans-385. Antidepressant. A monoamine oxidase inhibitor. Liquid; bp_{1.5-1.6} = 79-80°. *SmithKline Beecham Pharmaceuticals.*

3296 Trazium Esilate

97110-59-3
 $C_{19}H_{18}ClN_3O_4S$
 1-(p-Chlorophenyl)-1,2-dihydro-1-hydroxy-as-triazino[6,1-a]isoquinolin-5-ium ethanesulfonate.
 EGYT-3615. An as-triazino isoquinolinium salt with antidepressant activity through the antagonism of tetrabenazine and yohimbine potentiation.

3297 Trazodone

19794-93-5 9712 243-317-1
 $C_{19}H_{24}ClN_5O$
 2-[3-[4-m-Chlorophenyl]-1-piperazinyl]propyl-s-triazolo-[4,3-a]pyridin-3(2H)-one.
 Antidepressant. mp = 86-87°; pKa (50% EtOH) = 6.14. *Angelini Francesco.*

3298 Trazodone Hydrochloride

25332-39-2 9712 246-855-5
 $C_{19}H_{25}Cl+2N_5O$
 2-[3-[4-m-Chlorophenyl]-1-piperazinyl]propyl-s-triazolo-[4,3-a]pyridin-3(2H)-one monohydrochloride.
 AF-1161; Bimaran; Desyrel; Molipaxin; Pragmazon; Thombran; Tombran; Trazolan; Trittico. Antidepressant. mp = 233°; soluble in CHCl₃, less soluble in polar solvents, practically insoluble in common organic solvents; λ_m = 211, 246, 274, 312 nm (ε 50100, 11730, 3840, 3820); LD₅₀ (mus iv) = 96 mg/kg. *Angelini Francesco; Lemmon Co.; Mead Johnson Pharmaceuticals.*

3299 Trebenzomine

23915-73-3
 $C_{12}H_{17}NO_2$
 (±)-(cis or trans)-N,N,2-Trimethyl-3-chromanamine.
 Antidepressant. *Parke-Davis.*

3300 Trebenzomine Hydrochloride

23915-74-4
 $C_{12}H_{17}NO_2$
 (±)-(cis or trans)-N,N,2-Trimethyl-3-chromanamine hydrochloride.
 Cl-686-HCl. Antidepressant. *Parke-Davis.*

3301 Trimipramine

739-71-9 9852 212-008-3
 $C_{20}H_{26}N_2$
 5-[3-(Dimethylamino)-2-methylpropyl]-10,11-dihydro-5H-dibenz[b,f]azepine.
 RP-7162; trimeprimine; trimeproprimine; Rhotrimine; Surmontil. Antidepressant. mp = 45°. *Wyeth Labs.*

3302 Trimipramine Maleate

521-78-8 9852 208-318-3
 $(C_{24}H_{30}N_2)_4$
 5-[3-(Dimethylamino)-2-methylpropyl]-10,11-dihydro-

5H-dibenz[b,f]azepine maleate (1:1).
Stangyl (tablets); Surmontil (tablets). Antidepressant. mp = 142°; soluble in CHCl_3 ; slightly soluble in H_2O , EtOH; practically insoluble in Et_2O . Wyeth Labs.

3303 Trimipramine Methanesulfonate
9852

$\text{C}_{13}\text{H}_{19}\text{NO}_5\text{S}$
5-[3-(Dimethylamino)-2-methylpropyl]-10,11-dihydro-5H-dibenz[b,f]azepine methanesulfonate.
Stangyl (ampules); Surmontil (ampules). Antidepressant. Wyeth Labs.

3304 Venlafaxine

93413-69-5 10079

$\text{C}_{17}\text{H}_{27}\text{NO}_2$
(±)-1-[α-[(Dimethylamino)methyl]-p-methoxybenzyl]-cyclohexanol.
Venlafaxine. Antidepressant. A serotonin noradrenaline reuptake inhibitor. mp = 102-104°; [(-)-form]: $[\alpha]_{\text{D}}^{25} = -27.1^\circ$ (c = 1.04 in 95% EtOH); [(+)-form]: $[\alpha]_{\text{D}}^{25} = +27.6^\circ$ (c = 1.07 in 95% EtOH). American Home Products; Wyeth-Ayerst Labs.

3305 Venlafaxine Hydrochloride

99300-78-4 10079

$\text{C}_{17}\text{H}_{28}\text{ClNO}_2$
(±)-1-[α-[(Dimethylamino)methyl]-p-methoxybenzyl]-cyclohexanol hydrochloride.
WY-4530; WY-45651 [(-)-form]; WY-45655 [(+)-form]; Effexor. Antidepressant. A serotonin noradrenaline reuptake inhibitor. mp = 215-217°; soluble in H_2O (57.2 g/100 ml); [(+) or (-) form]: mp = 240-240.5°; [(-)-form]: $[\alpha]_{\text{D}}^{25} = +4.6^\circ$ (c = 1.0 in EtOH); [(+)-form]: $[\alpha]_{\text{D}}^{25} = -4.7^\circ$ (c = 0.945 in EtOH). American Home Products; Wyeth-Ayerst Labs.

3306 Viloxazine

46817-91-8 10116 256-281-7

$\text{C}_{13}\text{H}_{19}\text{NO}_3$
2-[(o-Ethoxyphenoxy)methyl]morpholine.
ICI-58834. Antidepressant. ICI.

3307 Viloxazine Hydrochloride

35604-67-2 10116 252-638-6

$\text{C}_{13}\text{H}_{20}\text{ClNO}_3$
2-[(o-Ethoxyphenoxy)methyl]morpholine hydrochloride.
Catatrol; Vivilan; Vicilan; Vivarint. Antidepressant. mp = 185-186°; LD_{50} (mus orl) = 1000 mg/kg, (mus iv) = 60 mg/kg. ICI.

3308 Viqualine

72714-74-0

$\text{C}_{20}\text{H}_{26}\text{N}_2\text{O}$
6-Methoxy-4-[3-[(3R,4R)-3-vinyl-4-piperidyl]propyl]-quinoline.
PK-5078. Used in treatment of alcoholism. Serotonin releaser and uptake inhibitor; antidepressant.

3309 Zimeldine

56775-88-3 10254

$\text{C}_{16}\text{H}_{17}\text{BrN}_2$
(Z)-3-[1-(p-Bromophenyl)-3-(dimethylamino)propenyl]-pyridine.
H-102/09; Zimelidine. Antidepressant. An antidepressant

that inhibits membral 5-hydroxytryptamine uptake. Astra Hässle AB.

3310 Zimeldine Hydrochloride

61129-30-4 10254 262-279-7

$\text{C}_{16}\text{H}_{21}\text{Cl}_2\text{BrN}_2\text{O}$
(Z)-3-[1-(p-Bromophenyl)-3-(dimethylamino)propenyl]-pyridine dihydrochloride monohydrate.
Normud; Zelmid; Zimelidine Hydrochloride. Antidepressant. An antidepressant that inhibits membral 5-hydroxytryptamine uptake. mp = 193°. Astra Hässle AB; Astra Sweden; Merck & Co., Inc.

3311 Zimeldine Hydrochloride [anhydrous]

60525-15-7 10254

$\text{C}_{16}\text{H}_{19}\text{Cl}_2\text{BrN}_2$
(Z)-3-[1-(p-Bromophenyl)-3-(dimethylamino)propenyl]-pyridine dihydrochloride.
Antidepressant. An antidepressant that inhibits membral 5-hydroxytryptamine uptake. Astra Hässle AB.

3312 Zoloperone

52867-74-0

$\text{C}_{22}\text{H}_{21}\text{FN}_3\text{O}_3$
4-(p-Fluorophenyl)-5-[2-[4-(o-methoxyphenyl)-1-piperazinyl]ethyl]-4-oxazolin-2-one.
LR-511. Free base, sertraline has [79617-96-2]. An antidepressant. Neuroleptic; antipsychotic.

3313 Zometapine

51022-73-2

$\text{C}_{14}\text{H}_{15}\text{ClN}_4$
4-(m-Chlorophenyl)-1,6,7,8-tetrahydro-1,3-dimethylpyrazolo[3,4-e][1,4]diazepine.
CI-781. Antidepressant. Parke-Davis.

Antidiabetics

3314 Abbenclamide

10238-21-8 4486 233-570-6

$\text{C}_{23}\text{H}_{28}\text{ClN}_3\text{O}_5$
5-Chloro-N-[2-[4-[[[(cyclohexylamino)carbonyl]amino]-sulfonyl]phenyl]ethyl]-2-methoxybenzamide.
Glyburide; Diabeta; Micronase; Glynase. Antidiabetic agent. A proprietary mixture of glibenclamide; oral treatment for hypoglycemia. mp = 169-170°, 172-174°; poorly soluble in H_2O , soluble in organic solvents; LD_{50} (mus orl) > 20 g/kg, (mus ip) > 12.5 g/kg, (mus sc) > 20 g/kg, (rat orl) > 20 g/kg, (rat ip) > 12.5 g/kg, (rat sc) > 20 g/kg. Abbott Labs.

3315 Acetohexamide

968-81-0 59 213-530-4

$\text{C}_{15}\text{H}_{20}\text{N}_2\text{O}_5$
4-acetyl-N-[(cyclohexylamino)-carbonyl]-benzenesulfonamide.
1-[(p-acetylphenyl)sulfonyl]-3-cyclohexylurea; N-(p-acetylbenzenesulfonyl)-N'-cyclohexylurea; Dimelor; Dymelor; Dimelin; Ordimel; Tsiklamid; Cyclamide. Antidiabetic agent. An oral agent for treatment of hypoglycemia. mp = 188-190°; soluble in $\text{C}_5\text{H}_5\text{N}$; slightly soluble in EtOH, CHCl_3 ; insoluble in H_2O , Et_2O . Eli Lilly & Co.

3316 Amlintide

122384-88-7

 $C_{165}H_{261}N_{51}O_{55}S_2$

H-Lys-Cys-Asn-Thr-Ala-Thr-Cys-Ala-Thr-Gln-Arg-Leu-Ala-Asn-Phe-Leu-Val-His-Ser-Ser-Asn-Asn-Phe-Gly-Ala-Ile-Leu-Ser-Ser-Thr-Asn-Val-Gly-Ser-Asn-Thr-Tyr-NH₂ cyclic 2-7 disulfide.

AC-001. Antidiabetic agent. Synthetic peptide. *Amylin Pharmaceuticals, Inc.*

3317 Bemetizide

1824-52-8

217-357-5

 $C_{15}H_{16}ClN_3O_4S_2$

6-Chloro-3,4-dihydro-3-(α -methylbenzyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide. Antidiabetic.

3318 Benfosformin

52658-53-4

 $C_9H_{12}N_5Na_2O_3P$

Disodium [(benzylamidino)amidino]phosphoramidate monohydrate. Antidiabetic agent.

3319 Benfosformin [anhydrous]

35282-33-8

 $C_9H_{12}N_5Na_2O_3P \cdot H_2O$

Disodium [(benzylamidino)amidino]phosphoramidate. Antidiabetic agent.

3320 Buformin

692-13-7

1500

211-726-4

 $C_6H_{15}N_5$

1-Butylbiguanide.

DBV; W-37. Antidiabetic agent. Very soluble in H₂O; [nitrate]: mp = 125-126° (dec). *U. S. Vitamin.*

3321 Buformin Hydrochloride

1190-53-0

1500

214-723-6

 $C_6H_{15}N_5$

1-Butylbiguanide hydrochloride.

Andere; Biforon; Bigunal; Bufonamin; Bulbonin; Diabrin; Dibetos; Gliporal; Insulamin; Krebon; Panformin; Silubin; Sindiatil; Tidemol; Ziavetine. Antidiabetic agent. mp = 174-177°; soluble in H₂O, EtOH; LD₅₀ (mus ip) = 380 mg/kg. *U. S. Vitamin.*

3322 Butoxamine

2922-20-5

 $C_{15}H_{23}NO_3$

α -[1-(tert-Butylamino)ethyl]-2,5-dimethoxybenzyl alcohol.

Butaxamine. Antidiabetic agent. *Glaxo Wellcome Inc.*

3323 Butoxamine Hydrochloride

5696-15-1

227-169-5

 $C_{15}H_{24}ClNO_3$

α -[1-(tert-Butylamino)ethyl]-2,5-dimethoxybenzyl alcohol hydrochloride.

Butaxamine hydrochloride; BW-64-9; NSC-106565. Antidiabetic agent. *Glaxo Wellcome Inc.*

3324 Camiglibose

132438-21-2

 $C_{13}H_{25}NO_9$

Methyl-6-deoxy-6-[(2R,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)piperidino]- α -D-glucopyranoside sesquihydrate.

MDL-73945. Antidiabetic agent. *Marion Merrell Dow Inc.*

3325 Carbutamide

339-43-5

1881

206-424-4

 $C_{11}H_{17}N_3O_3S$

4-Amino-N-[(butylamino)carbonyl]benzenesulfonamide.

1-Butyl-3-sulfanilylurea; Invenol; aminophenurobutane; BZ-55; U-6987; Bucarban; Glucidoral; Glucofren; Invenol; Nadisan. Antidiabetic agent. mp = 144-145°; soluble in H₂O; LD₅₀ (mus, sc) = 3 g/kg. *Pharmacia & Upjohn, Inc.*

3326 Chlorpropamide

94-20-2

2239

202-314-5

 $C_{10}H_{13}ClN_2O_3S$

4-Chloro-N-[(propylamino)-carbonyl]-benzenesulfonamide.

Diabinese; N-propyl-N'-(p-chlorobenzenesulfonyl)urea; P-607; Adiaben; Asucrol; Catanil; Chloronase; Diabechlor; Diabenal; Diabetoral; Diabinese; Melitase; Millinese; Oradian; Stabinol. Antidiabetic agent. A proprietary preparation of chlorpropamide; an oral hypoglycemic agent. mp = 127-129°; soluble in H₂O at pH 6; insoluble in H₂O at pH 7.3; soluble in alcohol; moderately soluble in organic solvents; LD₅₀ (rat orl) = 2150 mg/kg. *Pfizer International.*

3327 Ciglitazone

74772-77-3

 $C_{18}H_{23}NO_3S$

($\pm$)-5-[p-[(1-Methylcyclohexyl)methoxy]benzyl]-2,4-thiazolidinedione.

Add-3878; U-63287. Antidiabetic agent. *Takeda.*

3328 Clomoxir

88431-47-4

 $C_{14}H_{17}ClO_3$

($\pm$)-2-[5-(p-Chlorophenyl)pentyl]glycidic acid.

Megaclor. Carnitine palmitoyl transferase inhibitor. Orally active anti-diabetic agent.

3329 Daonil

10238-21-8

4486

233-570-6

 $C_{23}H_{28}ClN_3O_5S$

5-Chloro-N-[2-[4-

[[[(cyclohexylamino)carbonyl]amino]sulfonyl]phenyl]-ethyl]-2-methoxybenzamide.

Glyburide; Diabeta; Micronase; Glynase. Antidiabetic agent. A proprietary mixture of glibenclamide; oral treatment for hypoglycemia. mp = 169-170°, 172-174°; poorly soluble in H₂O, soluble in organic solvents; LD₅₀ (mus orl) > 20 g/kg, (mus ip) > 12.5 g/kg, (mus sc) > 20 g/kg, (rat orl) > 20 g/kg, (rat ip) > 12.5 g/kg, (rat sc) > 20 g/kg. *Abbott Labs.*

3330 Darglitazone

141200-24-0

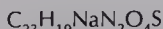
 $C_{23}H_{20}N_2O_4S$

($\pm$)-5-[p-[3-(5-Methyl-2-phenyl-4-oxazolyl)propionyl]-benzyl]-2,4-thiazolidinedione.

Antidiabetic agent. Oral hypoglycemic agent. *Pfizer International.*

3331 Darglitazone Sodium

141683-98-9



(±)-5-[p-[3-(5-Methyl-2-phenyl-4-oxazolyl)propionyl]-benzyl]-2,4-thiazolidinedione sodium salt.

CP-86325-2. Antidiabetic agent. Oral hypoglycemic agent. *Pfizer International*.**3332 Deriglidole**

122830-14-2



(+)-1,2,4,5-Tetrahydro-2-(2-imidazolin-2-yl)-2-propylpyrrolo[3,2,1-hi]imidazole.

Antidiabetic.

3333 Diabeta

10238-21-8

4486

233-570-6



5-Chloro-N-[2-[4-

[[[(cyclohexylamino)carbonyl]amino]sulfonyl]phenyl]ethyl]-2-methoxybenzamide.

diabiphage; Glyburide; Micronase; Glynase. Antidiabetic agent. A proprietary mixture of glibenclamide; oral treatment for hypoglycemia. mp = 169-170°, 172-174°; poorly soluble in H₂O, soluble in organic solvents; LD₅₀ (mus orl) > 20 g/kg, (mus ip) > 12.5 g/kg, (mus sc) > 20 g/kg, (rat orl) > 20 g/kg, (rat ip) > 12.5 g/kg, (rat sc) > 20 g/kg. *Abbott Labs*.**3334 Diabinese**

94-20-2

2239

202-314-5



4-Chloro-N-

[(propylamino)carbonyl]benzenesulfonamide.

P-607; Adiaben; Asucrol; Catanil; Chloronase; Diabeclor; Diabenal; Diabetoral; Melitase; Millinese; Oradian; Stabinol. Antidiabetic agent. mp = 127-129°;

λ_m = 232.5 nm (ε 16500 0.01N HCl); soluble in H₂O (2.2 mg/ml pH 6) insoluble at higher pH; soluble in EtOH, CHCl₃; less soluble in C₆H₆, Et₂O; LD₅₀ (rat ip) = 580 mg/kg. *Pfizer International*.**3335 Diabiphage**

10238-21-8

4486

233-570-6



5-Chloro-N-[2-[4-

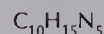
[[[(cyclohexylamino)carbonyl]amino]sulfonyl]phenyl]-ethyl]-2-methoxybenzamide.

Glyburide; Diabeta; Micronase; Glynase. Antidiabetic agent. A proprietary mixture of glibenclamide; oral treatment for hypoglycemia. mp = 169-170°, 172-174°; poorly soluble in H₂O, soluble in organic solvents; LD₅₀ (mus orl) > 20 g/kg, (mus ip) > 12.5 g/kg, (mus sc) > 20 g/kg, (rat orl) > 20 g/kg, (rat ip) > 12.5 g/kg, (rat sc) > 20 g/kg. *Abbott Labs*.**3336 Dibotin**

114-86-3

7376

204-057-4



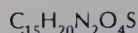
N-(2-Phenylethyl)imidodicarbonimidic diamide.

1-phenethylbiguanide; phenformin; fenformin; fenormin; PEDG; β-PEBG; Dipar. Antidiabetic agent. Known to cause lactic acidosis. *Ciba-Geigy Corp.***3337 Dymelor**

968-81-0

59

213-530-4



† Acetohexamide.

4-acetyl-N-[(cyclohexylamino)-carbonyl]benzenesulfonamide; 1-[(p-acetylphenyl)-sulfonyl]-3-cyclohexylurea; N-(p-acetylbenzenesulfonyl)-N'-cyclohexylurea; Dimelor; Dymelor; Dimelin; Ordimeil; Tsiklamid; Cyclamide. Antidiabetic agent. An oral agent for treatment of hypoglycemia. mp = 188-190°; soluble in C₅H₅N; slightly soluble in EtOH, CHCl₃; insoluble in H₂O, Et₂O. *Eli Lilly & Co.***3338 Englitazone**

109229-58-5



(-)-5-[[[(2R)-2-Benzyl-6-chromanyl]methyl]-2,4-thiazolidinedione.

Antidiabetic agent. *Pfizer International*.**3339 Englitazone Sodium**

109229-57-4



(-)-5-[[[(2R)-2-Benzyl-6-chromanyl]methyl]-2,4-thiazolidinedione sodium salt.

CP-72467-2. Antidiabetic agent. *Pfizer International*.**3340 Etoformin**

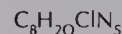
45086-03-1



1-Butyl-2-ethylbiguanide.

Antidiabetic agent. *Schering AG*.**3341 Etoformin Hydrochloride**

53597-26-5



1-Butyl-2-ethylbiguanide monohydrochloride.

SH E 199. Antidiabetic agent. *Schering AG*.**3342 Gliamilide**

51876-98-3



endo-1-[4-[2-(2-Methoxynicotinamido)ethyl]-piperidino]sulfonyl]-3-(5-norbornen-2-ylmethyl)urea.

CP-27634. Antidiabetic agent. *Pfizer International*.**3343 Glibadone**

10238-21-8

4486

233-570-6



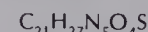
5-Chloro-N-[2-[4-[[[(cyclohexylamino)carbonyl]-amino]sulfonyl]phenyl]ethyl]-2-methoxybenzamide.

Glyburide; Diabeta; Micronase; Glynase. Antidiabetic agent. A proprietary mixture of glibenclamide; oral treatment for hypoglycemia. mp = 169-170°, 172-174°; poorly soluble in H₂O, soluble in organic solvents; LD₅₀ (mus orl) > 20 g/kg, (mus ip) > 12.5 g/kg, (mus sc) > 20 g/kg, (rat orl) > 20 g/kg, (rat ip) > 12.5 g/kg, (rat sc) > 20 g/kg. *Abbott Labs*.**3344 Glibenese**

29094-61-9

4451

249-427-6



1-Cyclohexyl-3-[[p-[2-(5-methylpyrazinecarboxamido)-ethyl]phenyl]sulfonyl]urea.

Glucotrol; Glucotrol XL; CP-28720; K-4024. Antidiabetic agent. mp = 208-209°; LD₅₀ (rat ip) = 1.2 g/kg, (mus ip) > 3 g/kg. *Apothecon; Pratt Pharmaceuticals*.

3345 Glibornuride

26944-48-9 4447 248-124-6

 $C_{18}H_{26}N_2O_4S$

endo,endo-1-[(1R)-(2-Hydroxy-3-bornyl)]-3-(p-tolylsulfonyl)urea.

Glutril; Ro-6-4563; Gluboride. Antidiabetic agent. mp = 192-195°; $[\alpha]_D = 63.8^\circ$ (EtOH). *Hoffmann-LaRoche Inc.***3346 Glicetanile**

24455-58-1

 $C_{23}H_{25}ClN_4O_4S$ 5'-Chloro-2-[p-[(5-isobutyl-2-pyrimidinyl)sulfamoyl]phenyl]-o-acetaniside. glydanile. Antidiabetic agent. *Schering AG.***3347 Glicetanile Sodium**

24428-71-5

 $C_{23}H_{24}ClN_4NaO_4S$

5'-Chloro-2-[p-[(5-isobutyl-2-pyrimidinyl)sulfamoyl]phenyl]-o-acetaniside monosodium salt.

Glydanile sodium. Antidiabetic agent. *Schering AG.***3348 Gliflumide**

35273-88-2

 $C_{25}H_{29}FN_4O_4S$ (-)-(S)-N-(5-Fluoro-2-methoxy- α -methylbenzyl)-2-[p-[(5-isobutyl-2-pyrimidinyl)sulfamoyl]phenyl]acetamide. SH3.1168. Antidiabetic agent.**3349 Glipalamide**

37598-94-0

 $C_{12}H_{15}N_3O_3S$

(±)-5-Methyl-N-(p-tolylsulfonyl)-2-pyrazoline-1-carboxamide. Antidiabetic.

3350 Glipizide

29094-61-9 4451 249-427-6

 $C_{21}H_{27}N_5O_4S$

1-Cyclohexyl-3-[[p-[2-(5-methylpyrazinecarboxamido)-ethyl]phenyl]sulfonyl]urea.

Glucotrol; Glucotrol XL; CP-28720; K-4024. Antidiabetic agent. mp = 208-209°; LD₅₀ (rat ip) = 1.2 g/kg, (mus ip) > 3 g/kg. *Apothecon; Pratt Pharmaceuticals.***3351 Gliquidone**

33342-05-1 4452 251-463-2

 $C_{27}H_{33}N_3O_6S$

1-Cyclohexyl-3-[[p-[2-(3,4-dihydro-7-methoxy-4,4-dimethyl-1,3-dioxo-2(1H)-isoquinolyl)ethyl]phenyl]-sulfonyl]urea.

ARDF 26; Glurenorm. Antidiabetic agent. mp = 180-182°. *Boehringer Ingelheim GmbH.***3352 Glisamuride**

52430-65-6

 $C_{23}H_{31}N_5O_4S$

1-Methyl-3-[p-[(3-(4-methylcyclohexyl)ureido)-sulfonyl]phenethyl]-1-(2-pyridyl)urea.

Antidiabetic.

3353 Glisolamide

24477-37-0

 $C_{20}H_{26}N_4O_5S$

1-Cyclohexyl-3-[[p-[2-(5-methyl-3-isoxazolecarboxamido)ethyl]phenyl]sulfonyl]urea. Antidiabetic.

3354 Glisoxepid

25046-79-1 4453 246-579-5

 $C_{20}H_{27}N_5O_5S$

N-[2-[4-[[[(Hexahydro-1H-azepin-1-yl)amino]carbonyl]amino]sulfonyl]phenyl]ethyl]-5-methyl-3-isoxazolecarboxamide.

BS-4231; RP-22410; Pro-Diaban. Antidiabetic agent. mp = 189°; LD₅₀ (rat orl) > 10 g/kg, (rat iv) = 196 mg/kg, (mus orl) > 10 g/kg, (mus iv) = 283 mg/kg, (cat orl) > 4 g/kg, (dog orl) > 2 g/kg. *Bayer Corp.***3355 Glucagon**

16941-32-5

His-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr.

Glukagon; hyperglycemic-glycogenolytic factor; HG-factor; HGF. Antidiabetic agent. Polypeptide hormone produced in the alpha cells of the islets of Langerhans in the pancreas. Insoluble in H₂O between pH 3 and 9.5.**3356 Glucobay**

56180-94-0 15 260-030-7

 $C_{25}H_{43}NO_{18}$ O-4,6-Dideoxy-4-[[[1S-(1 α ,4 α ,5 β ,6 α)]-4,5,6-trihydroxy-3-(hydroxymethyl)-2-cyclohexen-1-yl]amino]- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-D-glucose.Bay g 5421; Acarbose. Antidiabetic agent. $[\alpha]_D^{18} = 165^\circ$ (H₂O c = 0.4). *Bayer Corp.***3357 Glucophage**

1115-70-4 6001 214-230-6

 $C_4H_{12}ClN_5$

N,N-Dimethylimidodicarbonimidic diamide monohydrochloride.

metformin hydrochloride; Diabetosan; Diabex; Metiguamide. Antidiabetic agent. mp = 218-220°, 232°; soluble in H₂O, EtOH; insoluble in organic solvents; LD₅₀ (rat orl) = 1000 mg/kg, (rat sc) = 300 mg/kg. *Bristol-Myers Squibb Co.***3358 Glurenorm**

33342-05-1 4452 251-463-2

 $C_{27}H_{33}N_3O_6S$

1-Cyclohexyl-3-[[p-[2-(3,4-dihydro-7-methoxy-4,4-dimethyl-1,3-dioxo-2(1H)-isoquinolyl)ethyl]phenyl]-sulfonyl]urea.

ARDF 26; Glurenorm. Antidiabetic agent. mp = 180-182°. *Boehringer Ingelheim GmbH.***3359 Glutril**

26944-48-9 4447 248-124-6

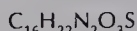
 $C_{18}H_{26}N_2O_4S$

endo,endo-1-[(1R)-(2-Hydroxy-3-bornyl)]-3-(p-tolylsulfonyl)urea.

Glutril; Ro-6-4563; Gluboride. Antidiabetic agent. mp = 192-195°; $[\alpha]_D = 63.8^\circ$ (EtOH). *Hoffmann-LaRoche Inc.*

3360 Glyhexamide

451-71-8 4516



N-[(Cyclohexylamino)carbonyl]-2,3-dihydro-1H-indene-5-sulfonamide.

SQ-15860; Subose; NSC-106960. Antidiabetic agent. mp = 153-155°. *Bristol-Myers Squibb Co.***3361 Glymidine**

339-44-6 4517 206-426-5



N-[5-(2-Methoxyethoxy)-2-pyrimidinyl]benzenesulfonamide.

glycodiazine. Antidiabetic agent. mp = 152-154°; soluble in EtOH (9.1 g/l), C_7H_8 (6.7 g/l). *Schering AG.***3362 Glyoctamide**

1038-59-1



1-[(p-Chlorophenyl)sulfonyl]-3-[p-(dimethylamino)phenyl]urea.

Antidiabetic agent. *Hoechst-Roussel Pharmaceuticals Inc.***3363 Glyparamide**

5581-42-0



1-[(p-Chlorophenyl)sulfonyl]-3-[p-(dimethylamino)phenyl]urea.

P-1306. Antidiabetic agent. *Pfizer International.***3364 Humulin**

9004-10-8 5011 232-672-8

Human insulin.

Humulin; Iletin; Insulatard; Lente; Novolin; NPH; Protamine; Velosulin; Actrapid; Hypurin; Initard; Isotard; Mixtard; Monotard; Protamine Zinc; Protaphane; Ultralente; Ultratard. Antidiabetic agent. Human growth regulator. *Eli Lilly & Co.***3365 Hydroxyhexamide**

3168-01-2



1-[(p-Hydroxyphenyl)sulfonyl]-3-cyclohexylurea.

Metabolite of acetohexamide, a hypoglycemic agent.

3366 Insulin

9004-10-8 5011 232-672-8

Antidiabetic agent. Soluble in dilute acids and alkalis. *Eli Lilly & Co.***3367 Insulin [injection], Biphasic**

8063-29-4 5011

Neutral insulin.

Antidiabetic agent. A hormone isolated from the pancreas; used in the treatment of diabetes. *Eli Lilly & Co.***3368 Insulin argine**

68859-20-1 5011

Antidiabetic agent.

3369 Insulin aspart

116094-23-6 5011

Antidiabetic agent.

3370 Insulin Defalan, Bovine

51798-72-2 5011 257-427-2

Antidiabetic agent.

3371 Insulin Defalan, Porcine

11091-62-6 5011 234-312-5

Antidiabetic agent.

3372 Insulin Glargine

160337-95-1 5011

Antidiabetic agent.

3373 Insulin Human

11061-68-0 5011 234-279-7

Antidiabetic agent.

3374 Insulin Lispro

133107-64-9 5011

Antidiabetic agent.

3375 Insulin Zinc

8049-62-5 5011 232-469-4

Antidiabetic agent.

3376 Insulin, Dalanated

9004-12-0 5011

Antidiabetic agent.

3377 Insulin, Neutral

9004-14-2 5011

Antidiabetic agent.

3378 Isophane

9004-10-8 5011 232-672-8

Antidiabetic agent.

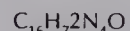
3379 Lente Iletin

8049-62-5 232-469-4

Insulin zinc.

Antidiabetic agent. *Eli Lilly & Co.***3380 Linoglriride**

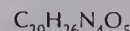
75358-37-1



N-(1-Methyl-2-pyrrolidinylidene)-N'-phenyl-4-morpholinecarboxamidine.

Antidiabetic agent. *McNeil Pharmaceutical.***3381 Linoglriride Fumarate**

78782-47-5



N-(1-Methyl-2-pyrrolidinylidene)-N'-phenyl-4-morpholinecarboxamidine fumarate.

McN-3935. Antidiabetic agent. *McNeil Pharmaceutical.***3382 Malix**

10238-21-8 4486 233-570-6



5-Chloro-N-[2-[4-[[[(cyclohexylamino)carbonyl]amino)sulfonyl]phenyl]-ethyl]-2-methoxybenzamide.

Antidiabetic agent. A proprietary mixture of glibenclamide; oral treatment for hypoglycemia. mp = 169-170°, 172-174°; poorly soluble in H_2O , soluble in organic solvents; LD₅₀ (mus orl) > 20 g/kg, (mus ip) > 12.5 g/kg, (mus sc) > 20 g/kg, (rat orl) > 20 g/kg, (rat ip) > 12.5 g/kg, (rat sc) > 20 g/kg. *Abbott Labs.*

3383 Meglitinide

54870-28-9



p-[2-(5-Chloro-o-anisamido)ethyl]benzoid acid.

A benzoic acid analog, hypoglycaemic agent.

Antidiabetic.

3384 Mellinese

94-20-2

2239

202-314-5

Thioridazine.

Antidiabetic agent. *Sandoz Pharmaceuticals Corp.***3385 Metformin**

657-24-9

6001

211-517-8



N,N-Dimethylbiguanide.

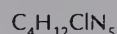
Glucophage; LA-6023; DMGG. Antidiabetic agent.

*Bristol-Myers Squibb Co.***3386 Metformin Hydrochloride**

1115-70-4

6001

214-230-6



N,N-Dimethylimidocarbonimidic diamide.

Metformin; Diabex; Diaformin; N,N-dimethylbiguanide;

Diabetosan; Glucophage; Metiguanide. Antidiabetic

agent. Used as an antidiabetic agent. The hydrochloride

salt is known as Diabetosan, Diabex, Glucophage or

Metiguanide. mp = 218-220°, 232°; soluble in H₂O,EtOH; insoluble in Et₂O, CHCl₃; LD₅₀ (rat orl) = 1000mg/kg, (rat sc) = 300 mg/kg. *Bristol-Myers Squibb Co.***3387 Methyl Palmoxirate**

69207-52-9

Antidiabetic agent.

3388 Micronase

10238-21-8

4486

233-570-6



5-Chloro-N-[2-[4-

[[[(cyclohexylamino)carbonyl]amino)sulfonyl]phenyl]-

ethyl]-2-methoxybenzamide.

Glyburide; Diabeta; Glynase. Antidiabetic agent. A

proprietary mixture of glibenclamide; oral treatment for

hypoglycemia. mp = 169-170°, 172-174°; poorly soluble

in H₂O, soluble in organic solvents; LD₅₀ (mus orl) > 20

g/kg, (mus ip) > 12.5 g/kg, (mus sc) > 20 g/kg. (rat orl) >

20 g/kg, (rat ip) > 12.5 g/kg, (rat sc) > 20 g/kg. *Abbott**Labs.***3389 Monotard**

8049-62-5

5011

232-672-8

Insulin zinc.

Antidiabetic agent.

3390 Monotard Human

11070-73-8

5011

234-291-2

Insulin zinc.

Antidiabetic agent.

3391 Naglivan

122575-28-4



Bis[2-amino-3-mercapto-N-octylpropionamido(1-)-

S]oxovanadium.

An organic vanadyl compound. Antidiabetic.

3392 NPH Iletin

9004-10-8

5011

232-672-8

Antidiabetic agent.

3393 Orinase

64-77-7

9646

200-594-3



1-Butyl-3-(p-tolylsulfonyl)urea.

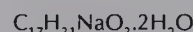
Tolbutamide; D-860; U-2043; Artosin; Diaben;

Diasulfon; Dolipol; Glyconon; Ipoglicone; Mobenol;

Orabet; Oterben; Pramidex; Rastinon; Tolbusal.

Antidiabetic agent. mp = 128.5-129.5°. *Pharmacia &**Upjohn, Inc.***3394 Palmoxirate Sodium**

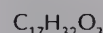
79069-97-9



Sodium (±)-2-tetradecylglycidate dihydrate.

McN-3802-21-98. Antidiabetic agent. *McNeil**Pharmaceutical.***3395 Palmoxiric Acid**

68170-97-8



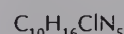
(±)-2-Tetradecylglycidic acid.

McN-3802. Antidiabetic agent. *McNeil Pharmaceutical.***3396 Phenformin Hydrochloride**

834-28-6

7376

212-637-3



N-(2-Phenylethyl)imidodicarbonimidic diamide

monohydrochloride.

Azucaps; DBI; DBI-TD; Debeone-DT; Debiny; Dibein;

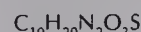
Feguanide; Glucopostin; Insoral; Lentobetic; Meltrol;

Normoglucina. Antidiabetic agent. Known to cause lactic

acidosis. mp = 175-178°; soluble in H₂O; LD₅₀ (mus orl)= 450 mg/kg, (mus iv) = 19 mg/kg. *Ciba-Geigy Corp.***3397 Pioglitazone**

111025-46-8

7605



(±)-5-[p-[2-[(5-Ethyl-2-pyridyl)ethoxy]benzyl]-2,4-

thiazolidinedione.

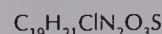
AD-4833. Antidiabetic agent. Insulin sensitizer. mp =

183-184°.

3398 Pioglitazone Hydrochloride

112529-15-4

7605



(±)-5-[p-[2-[(5-Ethyl-2-pyridyl)ethoxy]benzyl]-2,4-

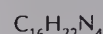
thiazolidinedione monohydrochloride.

U-72107A. Antidiabetic agent. Insulin sensitizer. mp=

193-194°.

3399 Pirogliride

62625-18-7



N-(1-Methyl-2-pyrrolidinylidene)-N'-phenyl-1-

pyrrolidinecarboxamide.

Antidiabetic agent. *McNeil Pharmaceutical.***3400 Pirogliride Tartrate**

62625-19-8



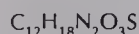
N-(1-Methyl-2-pyrrolidinylidene)-N'-phenyl-1-

pyrrolidinecarboxamide L-(+)-tartrate(1:1).

McN-3495. Antidiabetic agent. *McNeil Pharmaceutical*.

3401 Pramidex

64-77-7 9646 200-594-3

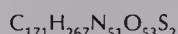


1-Butyl-3-(p-tolylsulfonyl)urea.

Tolbutamide; D-860; U-2043; Artosin; Diaben; Diasulfon; Dolipol; Glyconon; Ipoglicone; Mobenol; Orabet; Oterben; Pramidex; Rastinon; Tolbusal. Antidiabetic agent. mp = 128.5-129.5°. *Pharmacia & Upjohn, Inc.*

3402 Pramlintide

151126-32-8

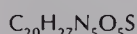


H-Lys-Cys(-Cys7)-Asn-Thr-Ala-Thr-Cys-Ala-Thr-Gln-Arg-Leu-Ala-Asn-Phe-Leu-Val-His-Ser-Ser-Asn-Asn-Phe-Gly-Pro-Ile-Leu-Pro-Pro-Thr-Asn-Val-Gly-Ser-Asn-Thr-Tyr-NH₂.

AC0137. Antidiabetic agent. *Amylin Pharmaceuticals, Inc.*

3403 Pro-Diaban®

25046-79-1 4453 246-579-5



N-[2-[4-[[[[(Hexahydro-1H-azepin-1-yl)amino]carbonyl]amino]sulfonyl]phenyl]ethyl]-5-methyl-3-isoxazolecarboxamide.

BS-4231; RP-22410; Pro-Diaban. Antidiabetic agent. mp = 189°; LD₅₀ (rat orl) >10 g/kg, (rat iv) = 196 mg/kg, (mus orl) > 10 g/kg, (mus iv) = 283 mg/kg, (cat orl) > 4 g/kg, (dog orl) > 2 g/kg. *Bayer Corp.*

3404 Proinsulin Human

67422-14-4

Antidiabetic agent. *Schering-Plough HealthCare Products*.

3405 Rastinon

64-77-7 9646 200-594-3



1-Butyl-3-(p-tolylsulfonyl)urea.

Tolbutamide; D-860; U-2043; Artosin; Diaben; Diasulfon; Dolipol; Glyconon; Ipoglicone; Mobenol; Orabet; Oterben; Pramidex; Rastinon; Tolbusal. Antidiabetic agent. mp = 128.5-129.5°. *Pharmacia & Upjohn, Inc.*

3406 Redul

3459-20-9 4517 222-399-2



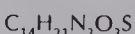
N-[5-(2-Methoxyethoxy)-2-

pyrimidinyl]benzenesulfonamide sodium salt.

Glymidine sodium salt; SH-717; Glyconormal; Gondafon; Lyncanol. Antidiabetic agent. mp = 221-226°; soluble in H₂O (75%), less soluble in EtOH; LD₅₀ (rat orl) = 2.85 g/kg, (rat iv) = 2.00 g/kg, (mus orl) = 5.30 g/kg, (mus iv) = 1.48 g/kg. *Schering AG*.

3407 Ronase

1156-19-0 9644 214-588-3



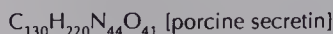
N-[[[Hexahydro-1H-azepin-1-yl]amino]carbonyl]-4-methylbenzenesulfonamide.

Tolazamide; Tolazolamide; U-17835; Diabewas; Norglycin; Tolanase; Tolinase; NSC-70762. Antidiabetic

agent. mp = 170-173°. *Pharmacia & Upjohn, Inc.*

3408 Secretin

1393-25-5 8564 215-733-3

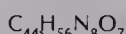


Duodenal mucosal hormone.

secretine; sekretolin; Secretin-Kabi. A strongly basic polypeptide gastrointestinal hormone produced in the duodenum and jejunum of many animal species. Stimulates exocrine pancreatic secretion and lowers blood sugar level. Pancreatic hormone. *KabiVitrum AB*.

3409 Seglitide

81377-02-8

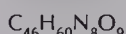


Cyclo(N-methyl-L-alanyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-valyl-L-phenylalanyl).

Antidiabetic agent. *Merck & Co., Inc.*

3410 Seglitide Acetate

99248-33-6



Cyclo(N-methyl-L-alanyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-valyl-L-phenylalanyl) monoacetate (salt).

MK-678. Antidiabetic agent. *Merck & Co., Inc.*

3411 Semilente Insulin

8049-62-5 5011 232-672-8

Antidiabetic agent.

3412 Semilente Iletin

8049-62-5 5011 232-672-8

Antidiabetic agent.

3413 SK-Tolbutamide

64-77-7 9646 200-594-3



1-Butyl-3-(p-tolylsulfonyl)urea.

Tolbutamide; D-860; U-2043; Artosin; Diaben; Diasulfon; Dolipol; Glyconon; Ipoglicone; Mobenol; Orabet; Oterben; Pramidex; Rastinon; Tolbusal. Antidiabetic agent. mp = 128.5-129.5°. *Pharmacia & Upjohn, Inc.*

3414 Tolanase

1156-19-0 9644 214-588-3

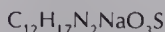


N-[[[Hexahydro-1H-azepin-1-yl]amino]carbonyl]-4-methylbenzenesulfonamide.

Tolazamide; Tolazolamide; U-17835; Diabewas; Norglycin; Tolanase; Tolinase; NSC-70762. Antidiabetic agent. mp = 170-173°. *Pharmacia & Upjohn, Inc.*

3415 Tolbutamide Sodium

473-41-6 9646



1-Butyl-3-(p-tolylsulfonyl)urea monosodium salt.

Orinase Diagnostic. Antidiabetic agent. mp = 130-133°, [tetrahydrate]: mp = 41-43°. *Pharmacia & Upjohn, Inc.*

3416 Tolpyrramide

5588-38-5

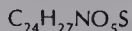


N-p-Tolylsulfonyl-1-pyrrolidinecarboxamide.

NSC-106572. Antidiabetic agent.

3417 Troglitazone

97322-87-7 9898



(±)-all rac-5-[p-[(6-Hydroxy-2,5,7,8-tetramethyl-2-chromanyl)methoxy]benzyl]-2,4-thiazolidinedione.
CS-045; CI-991; GR-92132X. Antidiabetic agent. mp = 184-186°. *Pfizer Inc.; Sankyo.*

3418 Ultralente Iletin

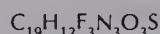
8049-62-5 5011 232-469-4
Antidiabetic agent. *Schering-Plough HealthCare Products.*

3419 Ultralente Insulin

8049-62-5
Antidiabetic agent. *Schering-Plough HealthCare Products.*

3420 Zopolrestat

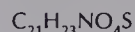
110703-94-1



3,4-Dihydro-4-oxo-3-[[5-(trifluoromethyl)-2-benzothiazolyl]methyl]-1-phthalazineacetic acid.
CP-73850. Antidiabetic agent. *Pfizer Inc.*

Antidiarrheals**3421 Acetorphan**

81110-73-8 72



(±)-N-[2-[(Acetylthio)methyl]-1-oxo-3-phenylpropyl]glycine phenylmethyl ester.
Tiorfan; ecadotril [as (S)-form]; sinorphan. Antisecretory enkephalinase inhibitor. The racemate is an antidiarrheal, the (S)-form is an antihypertensive. Antidiarrheal, antihypertensive. mp = 89°; [(S)-form]: mp = 71°; $[\alpha]_D^{25} = -24.1^\circ$ (c = 1.2 MeOH); LD₅₀ (mus iv) > 100 mg/kg. *Bioprojet.*

3422 Acetyltannic Acid

1397-74-6 107 215-741-7

Diacetyltannic acid.

tannyl acetate; Acetannin; Tannigen. Interstitial astringent, used as an antidiarrheal. Slightly soluble in H₂O, EtOH; soluble in EtOAc.

3423 Alkofanone

7527-94-8 254



3-[(4-Aminophenyl)sulfonyl]-1,3-diphenyl-1-propanone.
Nu-404; Ro-2-0404; Alfone. Antidiarrheal. mp = 221-223° (dec); slightly soluble in Me₂CO, dioxane; insoluble in most other organic solvents. *Hoffmann-LaRoche Inc.*

3424 Almasilate

71205-22-6



Magnesium aluminosilicate.

Antidiarrheal.

3425 Aluminum Salicylates, Basic

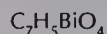
375



Alunozal [as monosalicylate (C₇H₇AlO₅)]; Baluvel [as disalicylate (C₁₄H₁₁AlO₇·H₂O)]. Sparingly soluble in H₂O.

*Soc. Chim. des Usines du Rhône.***3426 Bismuth Subsalicylate**

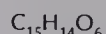
14882-18-9 1327 238-953-1



2-Hydroxybenzoic acid bismuth (3+) salt.
basic bismuth salicylate; oxo(salicylato)bismuth; Bismogenol Tosse Inj.; Stabisol. Antidiarrheal, antacid and antiulcerative. Also used as a lupus erythematosus suppressant. Insoluble in H₂O, EtOH. *Mobay.*

3427 Catechin

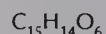
154-23-4 1950 205-825-1



(2R-trans)-2-(3,4-Dihydroxyphenyl)-3,4-dihydro-2H-1-benzopyran-3,5,7-triol.
catechol; 3,3',4',5,7-flavanpentol; catechinic acid; catechuic acid; dexcyanidanol; cyanidol; Catergen.
Antidiarrheal. mp = 93-96°, 175-177°; $[\alpha]_D^{18} = 16$ to 18.4°.

3428 Catechin dl-form

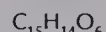
7295-85-4 1950 230-731-2



catechol; 3,3',4',5,7-flavanpentol; catechinic acid; catechuic acid; dexcyanidanol; cyanidol; Catergen.
Antidiarrheal. mp = 212-216; slightly soluble in cold H₂O, Et₂O; soluble in hot H₂O, EtOH, AcOH, Me₂CO; insoluble in C₆H₆, CHCl₃, petroleum ether.

3429 Catechin l-form

18829-70-4 1950 242-611-7



catechol; 3,3',4',5,7-flavanpentol; catechinic acid; catechuic acid; (+)-cyanidanol-3; dexcyanidanol; cyanidol; Catergen. Antidiarrheal. mp = 93-96°, 175-177°; $[\alpha]_D = -16.8^\circ$.

3430 Difenoixin

28782-42-5 3183

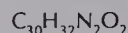


1-(3-Cyano-3,3-diphenylpropyl)-4-phenylisonipecotic acid.

McN-JR-15403-11; difenoixilic acid; difenoxylic acid; Lyspafen; R-15403 [as hydrochloride]. Active metabolite of diphenoxylate. Antiperistaltic, antidiarrheal. [hydrochloride]: mp = 290°, slightly soluble in H₂O (0.023 g/100 ml), CHCl₃, THF, dimethylacetamide, DMSO; LD₅₀ (rat orl) = 149 mg/kg. *Janssen Pharmaceutical, Belgium.*

3431 Diphenoxylate

915-30-0 3371 213-020-1



Ethyl-1-(3-cyano-3,3-diphenylpropyl)-4-phenylisonipecotate.

R-1132. *Janssen Pharmaceutical, Belgium.***3432 Diphenoxylate Hydrochloride**

3810-80-8 3371 223-287-6



Ethyl-1-(3-cyano-3,3-diphenylpropyl)-4-phenylisonipecotate monohydrochloride.

component of: Lomotil, Diarsed, Reasec. Antiperistaltic, antidiarrheal. mp = 220.5-222°; $\lambda_m = 252, 258, 264$ nm;

soluble in AcOH (50 g/100 ml), DMF (50 g/100 ml), CHCl_3 (36 g/100 ml), MeOH (> 5 g/100 ml), EtOH (0.3 g/100 ml), H_2O (0.08 g/100 ml), C_6H_{14} (0.05 g/100 ml). *Janssen Pharmaceutical, Belgium; Searle, C.D., & Co.*

3433 Igmesine

140850-73-3

 $\text{C}_{23}\text{H}_{29}\text{N}$

(+)- α -[(E)-Cinnamyl]-N-(cyclopropylmethyl)- α -ethyl-N-methylbenzylamine.
Antidiarrheal.

3434 Lidamide

66871-56-5

5504

 $\text{C}_{11}\text{H}_{16}\text{N}_4\text{O}$

1-(Methylamidino)-3-(2,6-xylyl)urea.

Has antisecretory and antimotility properties.
Antiperistaltic, antidiarrheal. *Rorer.*

3435 Lidamide Hydrochloride

65009-35-0

5504

265-307-6

 $\text{C}_{11}\text{H}_{17}\text{ClN}_4\text{O}$

1-(Methylamidino)-3-(2,6-xylyl)urea monohydrochloride. WHJR-1142A; Lidarral; Smodin. Has antisecretory and antimotility properties. Antiperistaltic, antidiarrheal. mp = 194-197°; λ_m = 262, 271 nm (ϵ 626, 524 H_2O); soluble in H_2O (15.35 g/100 ml at 25°), MeOH (29.79 g/100 ml), EtOH (8.85 g/100 ml), CHCl_3 (0.46 g/100 ml), C_6H_{14} (0.001 g/100 ml); LD₅₀ (mmus orl) = 260 mg/kg, (mrat orl) = 267 mg/kg, (frat orl) = 160 mg/kg, (mus iv) = 56 mg/kg. *Rorer.*

3436 Loperamide

53179-11-6

5601

258-416-5

 $\text{C}_{29}\text{H}_{33}\text{ClN}_2\text{O}_2$ 4-(p-Chlorophenyl)-4-hydroxy-N,N-dimethyl- α , α -diphenyl-1-piperidinebutyramide.

Antiperistaltic, antidiarrheal. *McNeil Pharmaceutical; Janssen Pharmaceutical Inc.; Lemmon Co.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

3437 Loperamide Hydrochloride

34552-83-5

5601

252-082-4

 $\text{C}_{29}\text{H}_{34}\text{Cl}_2\text{N}_2\text{O}_2$ 4-(p-Chlorophenyl)-4-hydroxy-N,N-dimethyl- α , α -diphenyl-1-piperidinebutyramide monohydrochloride.

Imodium; Imodium A-D; Maalox Antidiarrheal; R-18553; PJ-185; R-18553; Arret; Blox; Brek; Dissenten; Fortasec; Imosec; Imosel; Lopemid; Lopemin; Loperyl; Suprasec; Tebloc. Antiperistaltic, antidiarrheal. mp = 222-223°; λ_m = 253, 259, 265, 273 nm (ϵ 532, 648, 581, 233, 0.1N HCl/iPrOH 10:90 v/v); soluble in H_2O (0.14 g/100 ml pH 1.7, 0.008 g/100 ml pH 6.1, < 0.001 g/100 ml pH 7.9), MeOH (28.6 g/100 ml), EtOH (5.37 g/100 ml), iPrOH (1.1 g/100 ml), CH_2Cl_2 (35.1 g/100 ml), Me_2CO (0.20 g/100 ml), EtOAc (0.035 g/100 ml), Et_2O (0.001 g/100 ml), C_6H_{14} (0.001 g/100 ml), C_7H_8 (0.001 g/100 ml), DMF (10.3 g/100 ml), THF (0.32 g/100 ml), DMSO (20.5 g/100 ml), propylene glycol (5.64 g/100 ml); LD₅₀ (mus sc) = 75 mg/kg, (mus ip) = 28 mg/kg, (mus orl) = 105 mg/kg, (rat

orl) = 185 mg/kg. *McNeil Pharmaceutical; Janssen Pharmaceutical Inc.; Lemmon Co.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

3438 Mebiquine

23910-07-8

5810

 $\text{C}_{10}\text{H}_{10}\text{BiNO}_3$

Dihydroxy(6-methyl-8-quinolinolato)bismuth.

DV-1; Arrétyl. Antidiarrheal. Insoluble in H_2O , soluble in strong acids; LD₅₀ (mus orl) > 10000 mg/kg. *Ugine Kuhlmann.*

3439 Rolgamidine

66608-04-6

 $\text{C}_9\text{H}_{16}\text{N}_4\text{O}$

trans-N-(Diaminomethylene)-2,5-dimethyl-3-pyrroline-1-acetamide.

WY-25021. Antidiarrheal. *Wyeth-Ayerst Labs.***3440 Trillium**

9825

Beth root; Indian Balm.

Dried rhizomet of *Trillium erectum* L. Astringent used to treat diarrhea.

3441 Urarigenin

466-09-1

10035

207-373-0

 $\text{C}_{23}\text{H}_{34}\text{O}_4$ (3 β ,5 α)-3,14-Dihydroxycard-20(22)-enolide.

odorigeni. Antidiarrheal. mp = 240-256°; $[\alpha]_D^{20}$ = 10.5° (c = 1.056 EtOH); [3-O-acetate]: mp = 262-266°; $[\alpha]_D^{22}$ = 4.6° (c = 1.09 CHCl_3).

3442 Uzarin

20231-81-6

10035

243-616-7

 $\text{C}_{35}\text{H}_{54}\text{O}_{14}$ (3 β ,5 α)-3-[(6-O- β -D-Glucopyranosyl- β -D-glucopyranosyl)oxy]-14-hydroxycard-20(22)-enolide.

Antidiarrheal. mp = 206-208°, 266-270°; $[\alpha]_D^{20}$ = -27° c = 1.075 $\text{C}_5\text{H}_5\text{N}$, $[\alpha]_D^{19}$ = -1.4° (c = 0.85 MeOH); λ_m = 217 nm (log ϵ 4.23); soluble in $\text{C}_5\text{H}_5\text{N}$, methyl cellosolve; sparingly soluble in H_2O ; insoluble in Et_2O , CHCl_3 .

3443 Zaldaride

109826-26-8

10243

 $\text{C}_{26}\text{H}_{28}\text{N}_4\text{O}_2$ (±)-1-[1-[(4-Methyl-4H,6Hpyrrolo[1,2- α][4,1]-benzoxazepin-4-ylmethyl]-4-piperidyl]-2-benzimidazolinone.

Ion channel and calmodulin blocker. Antidiarrheal. mp = 173-175°. *Ciba-Geigy Corp.*

3444 Zaldaride Maleate

109826-27-9

10243

 $\text{C}_{30}\text{H}_{32}\text{N}_4\text{O}_6$ (±)-1-[1-[(4-Methyl-4H,6Hpyrrolo[1,2- α][4,1]-benzoxazepin-4-ylmethyl]-4-piperidyl]-2-benzimidazolinone maleate.

CGS-9343B; ZY-17617B. Ion channel and calmodulin blocker. Antidiarrheal. mp = 189-190°. *Ciba-Geigy Corp.*

Antidiuretics

3445 Argipressin

113-79-1 204-035-4
8-L-Argininevasopressin.
Pitressin; CI-107. Antidiuretic. *Parke-Davis*.

3446 Desmopressin

16679-58-6 2969 240-726-7
 $C_{46}H_{66}N_{14}O_{13}S_2$
1-(3-Mercaptopropionic acid)-8-D-arginine-vasopressin.
Adiuretin SD; DAV Ritter; DDAVP; Desmospray; Minirin.
Antidiuretic. $[\alpha]_D^{25} = 85.5^\circ \pm 2^\circ$. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

3447 Desmopressin Acetate

62357-86-2 2969
 $C_{48}H_{68}N_{14}O_{14}S_2 \cdot 3H_2O$
1-(3-Mercaptopropionic acid)-8-D-arginine-vasopressin monoacetate (salt) trihydrate.
DDAVP; Stimat; Octostim. Antidiuretic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.; Centeon L.L.C.*

3448 Felypressin

56-59-7 3992 200-282-7
 $C_{46}H_{65}N_{13}O_{11}S_2$
2-(L-Phenylalanine)-8-L-lysine-vasopressin.
PLV-2; Octapressin. Antidiuretic and vasoconstrictor.
Sandoz Pharmaceuticals Corp.

3449 Lypressin

50-57-7 5661 200-050-5
 $C_{46}H_{65}N_{13}O_{12}S_2$
L-Cysteinyl-L-tyrosyl-L-phenylalanyl-L-glutaminyll-asapraginyl-L-cysteinyl-L-prolyl-L-lysylglycinamide cyclic (1→6)-disulfide.
L-8; Diapid; Postacton; Syntopressin. Antidiuretic and vasopressor.

3450 Ornipressin

3397-23-7 7001 222-253-8
 $C_{45}H_{63}N_{13}O_{12}S_2$
8-Ornithine-vasopressin.
POR-8. Antidiuretic. *Sandoz Pharmaceuticals Corp.*

3451 Oxycinchophen

485-89-2 7091 207-624-4
 $C_{16}H_{11}NO_3$
3-Hydroxy-2-phenyl-4-quinolinecarboxylic acid.
3-hydroxycinchophen; HPC; Phenidrone; Magnofenyl; Magnophenyl; Oxinofen; Reumalon. Antidiuretic and uricosuric. mp = 206-207° (dec); soluble in AcOH, EtOH, C_6H_6 ; sparingly soluble in H_2O , Et_2O . *Chemo Puro*.

3452 Pituitary, Posterior

7666
Pituitary extract (posterior).
Pituitrin; Pituamin; Di-Sipidin. Antidiuretic and oxytocic.
Partially soluble in H_2O . *Parke-Davis*.

3453 Terlipressin

14636-12-5 9310 238-680-8
 $C_{52}H_{74}N_{16}O_{15}S_2$
N-[N-(N-Glycylglycyl)glycyl]-8-L-lysine-vasopressin.
Glypressin. Analog of lypressin. Antidiuretic and

vasopressor. [diacetate pentahydrate (Glycylpressin)]:
 $[\alpha]_D^{25} = -82^\circ$ (c = 0.2 in 1M AcOH).

3454 Vasopressin, Arginine form

113-79-1 10073 204-035-4
 $C_{46}H_{65}N_{15}O_{12}S_2$
8-L-Arginine-vasopressin.
Pitressin; Antidiuretic hormone; β -hypophamine; Leiomone; Tonephin; Vasophysin. Antidiuretic and vasopressor hormone. *Parke-Davis*.

3455 Vasopressin, Lysine form

50-57-7 10073 200-050-5
 $C_{46}H_{65}N_{13}O_{12}S_2$
8-L-Lysine-vasopressin.
Pitressin. Antidiuretic and vasopressor hormone. *Parke-Davis*.

Antidotes

3456 Acetylcysteine

616-91-1 89 210-498-3
 $C_5H_9NO_3S$
N-Acetyl-L-cysteine.
5052; Mucomyst; NSC-111180; Airbron; Broncholyisin; Brunac; Fabrol; Fluatox; Fluimucil; Fluimucetin; Fluprowit; Mucocedyl; Mucolator; Mucolyticum; Muco Sanigen; Mucosolvin; Mucret; NAC; Neo-Fluimucil; Parvolex; Respaire; Tixair. Mucolytic, corneal vulnerary and antidote to acetaminophen poisoning. mp = 109-110°; LD₅₀ (rat orl) = 5050 mg/kg. *Apothecon; Mead Johnson*.

3457 Albumen

216
Egg white; dried egg white; Albumin. Antidote to mercury poisoning. Yellow powder, decomposes in moist air; solution coagulates at 61°.

3458 p-Aminopropiophenone

70-69-9 490 200-742-7
PAPP.
Antidote to cyanide poisoning. mp = 140°; bp = 482°; soluble in H_2O , EtOH; [hydrochloride ($C_9H_{12}ClNO$)]: mp = 198-199°; soluble in H_2O ; LD₅₀ (dog iv) = 7 mg/kg. *Pfalz & Bauer*.

3459 Asoxime Chloride

34433-31-3 870
 $C_{14}H_{16}Cl_2N_4O_3$
1-[[[4-(Aminocarbonyl)pyridino]methoxy)methyl]-2-[(hydroxyimino)methyl]pyridinium dichloride.
HI-6. Antidote to organophosphorus poisoning. mp = 145-147°; $\lambda_m = 350, 300, 270, 218$ nm (log $\epsilon = 3.093, 4.018, 3.966, 4.181$ H_2O). *U.S. Government*.

3460 Cupric Sulfate

7758-99-8 2722
 $CuSO_4 \cdot 5H_2O$
Copper(2+) sulfate (1:1) pentahydrate.
bluestone; blue vitriol; Roman vitriol; Salzburg vitriol.
Antidote to phosphorus. Loses $2H_2O$ at 30°, 2 more H_2O at 110°, anhydrous at 110°; $d_4^{15.6} = 2.286$; very soluble in H_2O ; soluble in MeOH, glycerol; slightly soluble in

EtOH; LD₅₀ (rat orl) = 960 mg/kg.

3461 Cysteamine

60-23-1 2848 200-463-0

C₂H₇NS

2-Aminoethanethiol.

MEA; L-1573; mercamine; Becaptan; Lambratene. Used as a radioprotective agent and to produce ulcers in rats. Anti-urolithic. Antidote to acetaminophen poisoning. mp = 97-98.5°; freely soluble in H₂O; LD₅₀ (mus orl) = 625 mg/kg, (mus ip) = 250 mg/kg. *Parke-Davis*.

3462 Cysteamine Hydrochloride

156-57-0 2848 205-858-1

C₂H₈ClNS

2-Aminoethanethiol hydrochloride.

Cl-9148. Used as a radioprotective agent and to produce ulcers in rats. Antidote to acetaminophen poisoning. mp = 70.2-70.7°; soluble in H₂O, EtOH; LD₅₀ (rat ip) = 231.9 mg/kg, (rbt iv) = 149.5 mg/kg. *Parke-Davis*.

3463 Deferoxamine

70-51-9 2914

C₂₅H₄₈N₆O₈

N-[5-[3-[(5-Aminopentyl)hydroxycarbamoyl]-propionamido]pentyl]-3-[[5-(N-hydroxyacetamido)-pentyl]carbamoyl]propiono-hydroxamic acid. NSC-527604; Desferioxamine B. Chelating agent for iron. mp = 138-140°; soluble in H₂O (1.2 g/100 ml at 20°). *Ciba-Geigy Corp.*

3464 Deferoxamine Hydrochloride

1950-39-6 2914 217-767-4

C₂₅H₄₉ClN₆O₈

N-[5-[3-[(5-Aminopentyl)hydroxycarbamoyl]-propionamido]pentyl]-3-[[5-(N-hydroxyacetamido)-pentyl]carbamoyl]propionohydroxamic acid monohydrochloride.

Ba-29837. Chelating agent for iron. mp = 172-175°. *Ciba-Geigy Corp.*

3465 Deferoxamine Methanesulfonate

138-14-7 2914 205-314-3

C₂₆H₅₂N₆O₁₁S

N-[5-[3-[(5-Aminopentyl)hydroxycarbamoyl]-propionamido]pentyl]-3-[[5-(N-hydroxyacetamido)-pentyl]carbamoyl]propionohydroxamic acid monomethanesulfonate.

Desferal mesylate; Ba-33112; DFOM; Desferal. Chelating agent for iron. mp = 148-149°; soluble in H₂O (> 20 g/100 ml). *Ciba-Geigy Corp.*

3466 Dicobalt Edetate

36499-65-7

C₁₀H₁₂Co₂N₂O₈

Cobalt(2+)-[(ethylenedinitrilo)tetraacetato]cobaltate(2-). Kelocyanor Antidote for cyanide poisoning.

3467 Dimercaprol

59-52-9 3255

C₃H₈OS₂

2,3-Dimercapto-1-propanol.

BAL in Oil; British Anti-Lewisite; Dicaptol; Sulfactin. Antidote to gold, mercury and arsenic poisoning. d₄²⁵ =

1.2385; bp_{0.2} = 60°, bp_{5.6} = 100°, bp₁₅ = 120°, bp₂₅ = 130°, bp₄₀ = 140°; soluble in H₂O (8.7 g/100 ml); LD₅₀ (rat im) = 86.7 mg/kg. *E. I. Du Pont de Nemours Inc.; Becton Dickinson Microbiology Systems*.

3468 2,3-Dimercapto-1-Propanesulfonic Acid

74-61-3 3256

C₃H₈O₃S₃

2,3-Dithiolpropanesulfonic acid.

Antidote for heavy metal poisoning.

3469 2,3-Dimercapto-1-Propanesulfonic Acid Sodium salt

4076-02-2 3256 223-796-3

C₃H₇NaO₃S₃

Sodium 2,3-dithiolpropanesulfonate.

DMPs; unitiol; Dimaval. Antidote for heavy metal poisoning. mp = 235°; LD₅₀ (mus ip) = 982.8 mg/kg.

3470 Ditiocarb Sodium

148-18-5 3443 205-710-6

C₅H₁₀NNaS₂·3H₂O

Sodium diethyldithiocarbamate.

dithiocarb; DTC; DDC; DEDC; DDTC; DeDTC; Imuthiol. Immunomodulator, chelating agent and antidote, especially for nickel and cadmium poisoning. mp = 90-92°, 94-102°; freely soluble in H₂O, EtOH, MeOH, Me₂CO, insoluble in Et₂O, C₆H₆; λ_m = 257, 290 nm (ε 1200, 13000 H₂O); LD₅₀ (rat orl) = 2830 mg/kg, (mus orl) = 1870 mg/kg, (mus iv) > 1000 mg/kg.

3471 Edrophonium Chloride

116-38-1 3562 204-138-4

C₁₀H₁₆ClNO

Ethyl(m-hydroxyphenyl)dimethylammonium chloride.

Enlon; Reversol; Tensilon; Enlon Plus. Antidote to curare alkaloids. Also used as a diagnostic aid in myasthenia gravis. mp = 162-163° (dec); soluble in H₂O, EtOH, insoluble in Et₂O, CHCl₃; [bromide (edrophone bromide; C₁₀H₁₆BrNO)]; mp = 151-152°; soluble in H₂O (> 10 g/100 ml), EtOH, insoluble in Et₂O. *Organon Inc.; Anaquest; ICN Pharmaceuticals, Inc.*

3472 Folinic Acid

58-05-9 4254 200-361-6

C₂₀H₂₃N₇O₇

N-[p-[[[(2-Amino-5-formyl-5,6,7,8-tetrahydro-4-hydroxy-6-pteridiny)]methyl]amino]benzoyl]glutamic acid.

CF; citrovorum factor; leucovorin. Anti-anemic (folate deficiency), antidote to folic acid antagonists. mp = 240-250° (dec); λ_m = 282 nm (%T = 27.0 for 10 mg/l in 0.1N NaOH). *Research Corp.*

3473 Folinic Acid Calcium Salt Pentahydrate

6035-45-6 4254

C₂₀H₂₁CaN₇O₇·5H₂O

Calcium N-p-[[[(6RS)-2-amino-5-formyl-5,6,7,8-tetrahydro-4-hydroxy-6-pteridiny)]methyl]amino]benzoyl]-L-glutamate (1:1) pentahydrate.

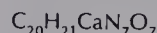
leucovorin calcium pentahydrate; Wellcovorin; NSC-3590; calcium folinate; Folaren; Foliben; Lederfolat; Lederfolin; Leucovorin; Leucosar; Rescufolin; Rescuvolin; Tonofolin. Anti-anemic (folate deficiency), antidote to

folic acid antagonists. Freely soluble in H_2O , insoluble in EtOH; $[\alpha]_D^{21} = 14.9^\circ$ ($c = 1 H_2O$). *Glaxo Wellcome, UK; Immunex Corp.; Elkins-Sinn.*

3474 Folinic Acid I-form Calcium Salt

80433-71-2

4254



Calcium N-p-[[[(6RS)-2-amino-5-formyl-5,6,7,8-tetrahydro-4-hydroxy-6-pteridiny]methyl]amino]benzoyl]-L-glutamate (1:1).

calcium (6S) folinate; calcium levofolinate; levoleucovorin calcium; Elvorine. Anti-anemic (folate deficiency), antidote to folic acid antagonists. $[\alpha]_D^{21} = -15.1^\circ$ ($c = 1.82$). *Glaxo Wellcome, UK; Immunex Corp.; Elkins-Sinn.*

3475 Fomepizole

7554-65-6

4257

231-445-0



4-Methylpyrazole.

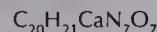
4-MP. Alcohol dehydrogenase inhibitor. Antidote to MeOH and ethylene glycol poisoning. mp = 15.5-18.5°; bp₁₈ = 98.5-99.5°; bp₇₃₀ = 204-205°; $\lambda_m = 220$ nm (log ϵ 3.47 EtOH), 226 nm (log ϵ 3.65 6N HCl); soluble in H_2O , EtOH; LD₅₀ (7 day) (mus iv) = 312 mg/kg, (rat iv) = 312 mg/kg, (mus orl) = 640 mg/kg, (rat orl) = 534 mg/kg.

3476 Leucovorin Calcium

1492-18-8

4254

216-082-8



Calcium N-p-[[[(6RS)-2-amino-5-formyl-5,6,7,8-tetrahydro-4-hydroxy-6-pteridiny]methyl]amino]benzoyl]-L-glutamate (1:1).

leucovorin calcium; Wellcovorin; NSC-3590. Anti-anemic (folate deficiency), antidote to folic acid antagonists. Freely soluble in H_2O , insoluble in EtOH; $[\alpha]_D^{21} = 14.9^\circ$ ($c = 1 H_2O$). *Glaxo Wellcome, UK; Immunex Corp.; Elkins-Sinn.*

3477 Levoleucovorin Calcium

80433-71-2

4254



Calcium N-p-[[[(6S)-2-amino-5-formyl-1,4,5,6,7,8-hexahydro-4-oxo-6-pteridiny]methyl]amino]benzoyl]-L-glutamate (1:1).

CL-307782; calcium (6S) folinate; calcium levofolinate; levoleucovorin calcium; Elvorine. Anti-anemic (folate deficiency), antidote to folic acid antagonists. $[\alpha]_D^{21} = -15.1^\circ$ ($c = 1.82$).

3478 Methionine

63-68-3

6053

200-562-9



L-Methionine.

Met; M; Acimethin. Hepatoprotectant and antidote for acetaminophen poisoning. mp = 280-282° (dec); $[\alpha]_D^{25} = -8.11^\circ$ ($c = 0.8$), $[\alpha]_D^{20} = 23.40^\circ$ ($c = 5.0$ 3N HCl).

3479 Methionine D-form

348-67-4

6053

206-483-6



D-Methionine.

Hepatoprotectant and antidote for acetaminophen poisoning. $[\alpha]_D^{25} = 8.12^\circ$ ($c = 0.8$), $[\alpha]_D^{25} = -21.18^\circ$ ($c = 0.8$

0.2N HCl).

3480 Methionine DL-form

59-51-8

6053

200-432-1



DL-Methionine.

racemethionine; Amurex; Banthionine; Dyprin; Lobamine; Metione; Pedameth; Urimeth. Hepatoprotectant and antidote for acetaminophen poisoning. mp = 281° (dec); d = 1.340; soluble in H_2O (1.82 g/100 ml at 0°, 3.38 g/100 ml at 25°, 6.07 g/100 ml at 60°, 10.52 g/100 ml at 75°, 17.60 g/100 ml at 100°); slightly soluble in EtOH; insoluble in Et₂O.

3481 Methylene Blue

61-73-4

6137

200-515-2



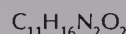
3,7-Bis(dimethylamino)phenothiazin-5-ium chloride trihydrate.

methylthionium chloride; C.I. Basic Blue 9 trihydrate; Swiss Blue; Urolene Blue; Cl-52015; solvent blue 8. Antimetemoglobinemic; antidote to cyanide poisoning. Soluble in H_2O (4 g/100 ml), EtOH (1.54 g/100 ml), CHCl₃; insoluble in Et₂O; $\lambda_m = 668, 609$ nm.

3482 Neostigmine

59-99-4

6553



(m-Hydroxyphenyl)dimethylamine dimethylcarbamate.

synstigmine; proserine. Cholinergic, miotic and antidote for curare poisoning. *Apothecon; Elkins-Sinn; ICN Pharmaceuticals, Inc.; Hoffmann-LaRoche Inc.*

3483 Neostigmine Bromide

114-80-7

6553

204-054-8



(m-Hydroxyphenyl)trimethylammonium bromide dimethylcarbamate.

Juvestigmin (tabl.); Neoesserin; Neostigmin (tabl.); Prostigmin. Cholinergic, miotic and antidote for curare poisoning. mp = 167° (dec); soluble in H_2O (100 g/100 ml), EtOH. *Apothecon; Elkins-Sinn; ICN Pharmaceuticals, Inc.; Hoffmann-LaRoche Inc.*

3484 Neostigmine Methyl Sulfate

51-60-5

6553

200-109-5



(m-Hydroxyphenyl)trimethylammonium methyl sulfate dimethylcarbamate.

Intrastigmina; Juvestigmin (amp.); Metastigmin; Neostigmin (inj.); Normastigmin (amp.); Prostigmin (amp.); Stiglyn. Cholinergic, miotic and antidote for curare poisoning. mp = 142-145°; soluble in H_2O (10 g/100 ml), less soluble in EtOH; LD₅₀ (mus iv) = 0.16 mg/kg, (mus sc) = 0.42 mg/kg, (mus orl) = 7.5 mg/kg. *Apothecon; Elkins-Sinn; ICN Pharmaceuticals, Inc.; Hoffmann-LaRoche Inc.*

3485 Potassium Nitrite

7758-09-0

7816

231-832-4



Nitrous acid potassium salt.

Vasodilator and antidote for cyanide poisoning. d = 1.915; mp = 441° (dec); soluble in H_2O (285 g/100 ml),

EtOH; LD₅₀ (rbt orl) = 199 mg/kg.

3486 Protamine Sulfate

9009-65-8

Protamine sulphate. Antidote to heparin. *Elkins-Sinn*.

3487 Sodium Nitrite

7632-00-0

8793

231-555-9

NaNO₂

Nitrous acid sodium salt.

erinitrit. Antidote to cyanide poisoning. d = 2.17; mp = 271°; soluble in H₂O (66 g/100 ml at 20°, 166 g/100 ml at 100°), slightly soluble in EtOH; LD₅₀ (rat orl) = 180 mg/kg.

3488 Sodium Thiosulfate

7772-98-7

8844

231-867-5

Na₂S₂O₃

Disodium thiosulfate.

Sulfactol; sodium hyposulfite; hypo; antichlor; Sodothioli; Sulfothiorine; Ametox; component of: Tinver. Antidote to cyanide poisoning. d = 1.69; mp = 48°; soluble in H₂O, insoluble in EtOH; LD₅₀ (rat iv) > 2500 mg/kg. *Sterling Winthrop, Inc.; Pilkington Barnes Hind*.

3489 Succimer

304-55-2

9034

206-155-2

C₄H₆O₄S₂

meso-2,3-Dimercaptosuccinic acid.

DMSA; DIM-SA; Ro-1-7977; Chemet. Diagnostic aid and antidote for heavy metal poisoning. mp = 192-194°; LD₅₀ (mus ip) > 3000 mg/kg. *Hoffmann-LaRoche Inc.*

3490 Tacrine

321-64-2

9199

206-291-2

C₁₃H₁₄N₂

9-Amino-1,2,3,4-tetrahydroacridine.

Centrally active anticholinesterase. Cognition adjuvant and antidote for curare poisoning. mp = 183-184°. *Parke-Davis*.

3491 Tacrine Hydrochloride

1684-40-8

9199

216-867-5

C₁₃H₁₅ClN₂

9-Amino-1,2,3,4-tetrahydroacridine monohydrochloride.

Cognex; Cl-970; THA. Centrally active anticholinesterase. Cognition adjuvant and antidote for curare poisoning. mp = 283-284°; soluble in H₂O. *Parke-Davis*.

3492 Tiopronin

1953-02-2

9597

217-778-4

C₅H₉NO₃S

N-(2-Mercaptopropionyl)glycine.

Acadione; Capen; Epatiol; Mucolysin; Thiola; Thiosol. Antidote for heavy metal poisoning, hepatoprotectant and mucolytic. mp = 95-97°; LD₅₀ (mus iv) = 2100 mg/kg. *Santen*.

Antidyskinetics

3493 Amantadine

768-94-5

389

212-201-2

C₁₀H₁₇N

Tricyclo[3.3.1.1^{3,7}]decan-1-amine.

Antiviral, antidyskinetic. mp = 160-190°, 180-192°; sparingly soluble in H₂O. *Apothecon; Solvay Pharmaceuticals; DuPont Merck Pharmaceutical Co.*

3494 Amantadine Hydrochloride

665-66-7

389

211-560-2

C₁₀H₁₈ClN

Tricyclo[3.3.1.1^{3,7}]decan-1-amine hydrochloride.

Symadine; Symmetrel; EXP-105-1; NSC-83653; Amazolon; Mantadix; Mantadan; Mantadine; Midantan; Mydantane; Virofral. Antiviral, antidyskinetic. mp = 360° (dec); soluble in H₂O (> 5 g/100 ml), insoluble in Et₂O; LD₅₀ (mus orl) = 700 mg/kg, (rat orl) = 1275 mg/kg. *Apothecon; Solvay Pharmaceuticals; DuPont Merck Pharmaceutical Co.*

3495 Cabergoline

81409-90-7

1637

C₂₆H₃₇N₅O₂

1-[(6-Allylerylgolin-8β-yl)carbonyl]-1-[3-(dimethylamino)propyl]-3-ethylurea.

FCE 21336; Dostinex. Dopamine agonist; antidyskinetic and antihyperprolactinemic. mp = 102-104°; LD₅₀ (mus orl) > 400 mg/kg; [diphosphate (C₂₆H₄₃N₅O₁₀P₂)]: mp = 153-155°. *Farmitalia*.

3496 Clonidine

4205-90-7

2450

224-119-4

C₉H₉Cl₂N₃

2-[(2,6-Dichlorophenyl)imino]imidazoline.

Catapres-TTS; ST-155-BS. Antihypertensive and antidyskinetic. mp = 130°. *Boehringer Ingelheim GmbH*.

3497 Clonidine Hydrochloride

4205-91-8

2450

224-121-5

C₉H₁₀Cl₂N₃

2-[(2,6-Dichlorophenyl)imino]imidazoline hydrochloride.

Catapres; Catapresan; Clonistada; Dixarit; Ipotensium; Isoglacon; Tenso-Timelets; ST-155; component of: Combipres. Antihypertensive and antidyskinetic. mp = 305°; soluble in H₂O (7.7 g/100 ml at 20°, 16.7 g/100 ml at 60°), MeOH (17.2 g/100 ml), EtOH (4 g/100 ml), CHCl₃ (0.02 g/100 ml); λ_m = 213, 271, 302 nm (ε = 8290, 713, 39 H₂O); LD₅₀ (mus orl) = 328 mg/kg, (mus iv) = 18 mg/kg, (rat orl) = 270 mg/kg, (rat iv) = 29 mg/kg. *Boehringer Ingelheim GmbH; Parke-Davis*.

3498 Haloperidol

52-86-8

4629

200-155-6

C₂₁H₂₃ClFNO₂

4-[4-(p-Chlorophenyl)-4-hydroxypiperidino]-4'-fluorobutyrophenone.

Haldol; R-1625; McN-JR-1625; Aloperidin; Bioperidolo; Brotopon; Dozic; Einalon S; Eukystol; Halosten; Keselan; Linton; Pekuces; Serenace; Sigaperidol; Serenase. Antidyskinetic and antipsychotic. Used to treat Gilles de la Tourette's disease. mp = 148-149.4°; λ_m = 247, 221 nm (ε 13300, 15000 HCl/MeOH); soluble in H₂O (0.0014 g/100 ml); freely soluble in MeOH, CHCl₃, Me₂CO, C₆H₆; LD₅₀ (rat orl) = 165 mg/kg, (mus ip) = 60 mg/kg. *McNeil Pharmaceutical; Lemmon Co.*

3499 Haloperidol Decanoate

74050-97-8 4629 277-679-7



4-[4-(p-Chlorophenyl)-4-hydroxypiperidino]-4'-fluorobutyrophenone decanoate.

R-13672. Antidyskinetic and antipsychotic. Used to treat Gilles de la Tourette's disease. *Janssen Pharmaceutical, Belgium*.**3500 Haloperidol Hydrochloride**

1511-16-6 4629



4-[4-(p-Chlorophenyl)-4-hydroxypiperidino]-4'-fluorobutyrophenone hydrochloride.

Antidyskinetic and antipsychotic. Used to treat Gilles de la Tourette's disease. mp = 226-227.5°; soluble in H₂O (0.3 g/100 ml). *McNeil Pharmaceutical; Lemmon Co.***3501 Pimozide**

2062-78-4 7589 218-171-7



1-[1-[4,4-Bis(p-fluorophenyl)butyl]-4-piperidyl]-2-benzimidazolinone.

KD-136; Haldol decanoate; Halomonth; Neoperidole. Antipsychotic and antidyskinetic. *Janssen Pharmaceutical, Belgium; Lemmon Co.***3502 Selegiline**

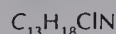
14611-51-9 8569



(-)-(R)-N,α-Dimethyl-N,2-propynylphenethylamine hydrochloride.

Déprényl; Eldéprine; Eldepryl; Jumex; Movergan; Plurinem. Antidyskinetic, antiparkinsonian. mp = 141-142°; $[\alpha]_D^{25} = -10.8^\circ$ (c = 6.48 H₂O); LD₅₀ (rat iv) = 81 mg/kg, (rat sc) = 280 mg/kg. *Somerset Pharmaceuticals Inc.***3503 Selegiline Hydrochloride**

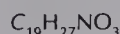
14611-52-0 8569



(-)-(R)-N,α-Dimethyl-N,2-propynylphenethylamine.

Eldepryl; (-)-deprenil; L-deprenil. Antidyskinetic, antiparkinsonian. bp_{0.8} = 92-93°; $[\alpha]_D^{20} = -11.2^\circ$. *Somerset Pharmaceuticals Inc.***3504 Tetrabenazine**

58-46-8 9325 200-383-6



1,3,4,6,7,11b-Hexahydro-3-isobutyl-9,10-dimethoxy-2H-benzo[a]quinolizin-2-one.

Ro-1-9569. Antipsychotic and antidyskinetic. mp = 125-126°. *Hoffmann-LaRoche Inc.***3505 Tetrabenazine Hydrochloride**

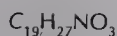
2105-47-7 9325



1,3,4,6,7,11b-Hexahydro-3-isobutyl-9,10-dimethoxy-2H-benzo[a]quinolizin-2-one hydrochloride.

Antipsychotic and antidyskinetic. mp = 208-210°; soluble in hot H₂O, insoluble in Me₂CO; $\lambda_m = 230, 284 \text{ nm}$ (ε 7780, 3320 EtOH). *Hoffmann-LaRoche Inc.***3506 Tetrabenazine Methanesulfonate**

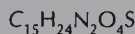
804-53-5 9325



1,3,4,6,7,11b-Hexahydro-3-isobutyl-9,10-dimethoxy-2H-benzo[a]quinolizin-2-one methanesulfonate.

Nitoman. Antipsychotic and antidyskinetic. mp = 126-130°; soluble in EtOH, sparingly soluble in H₂O, insoluble in Et₂O. *Hoffmann-LaRoche Inc.***3507 Tiapride**

51012-32-9 9561 256-907-9



N-[2-(Diethylamino)ethyl]-5-(methylsulfonyl)-o-anisamide.

FLC 1374. Antidyskinetic. mp = 123-125°. *Chemo Puro.***3508 Tiapride Hydrochloride**

51012-33-0 9561 256-908-4



N-[2-(Diethylamino)ethyl]-5-(methylsulfonyl)-o-anisamide hydrochloride.

Gramalil; Italprid; Luxoben; Sereprile; Tiapridal; Tiapridex. Antidyskinetic. *Chemo Puro.***Antieczematics****3509 Coal Tar**

2487

Clinitar; Psorigel; T/Gel; pixalbol

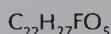
Used as a topical antieczematic. Black liquid/semisolid; insoluble in H₂O, soluble in most organic solvents.**3510 Evening Primrose Oil**

3953

Efamol; Efamst; Epogam

Seed oil of the evening primrose, *Oenothera Biennis* L. *Onagraceae*. Major constituents are linolenic acid (92%) and σ-linolenic acid (9%). Used as a dietary supplement and in treatment of atopic eczema and mastalgia. d₁₅ = 0.9283.**3511 Fluprednidene**

2193-87-5



9-Fluoro-11β,17,21-trihydroxy-16-methylenepregan-1,4-diene-3,20-dione.

Antieczematic.

3512 σ-Linolenic Acid

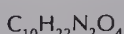
506-26-3 5531

Gamolenic acid; GLA; Viacutan

(Z,Z,Z)-6,9,12-Octadecatrienoic acid.

A prostaglandin precursor, used as a topical antieczematic. [hexabromide (C₁₈H₃₀Br₆O₂)]: mp = 201-202°.**Antiemetics****3513 Acetylleucine Monoethanolamine**

149-90-6 96



N-Acetyl-DL-leucine compound with 2-aminoethanol.

RP-7452; Tanganil. Anti-emetic and antivertigo agent. mp = 150°; soluble in H₂O (> 20g/100 ml). *Rhône-Poulenc*

Rorer Pharmaceuticals Inc.

3514 Alizapride

59338-93-1 246 261-710-6

$C_{16}H_{21}N_5O_2$
 N-[(1-Allyl-2-pyrrolidinyl)methyl]-6-methoxy-1H-benzotriazole-5-carboxamide.
 Anti-emetic and antipsychotic.

3515 Alizapride Hydrochloride

59338-87-3 246

$C_{16}H_{22}ClN_5O_2$
 N-[(1-Allyl-2-pyrrolidinyl)methyl]-6-methoxy-1H-benzotriazole-5-carboxamide hydrochloride.
 Nausilen; Plitican; Vergentan. Anti-emetic and antipsychotic. mp = 206-208°.

3516 Alosetron

122852-42-0

$C_{17}H_{18}N_4O$
 2,3,4,5-Tetrahydro-5-methyl-2-[(5-methylimidazol-4-yl)methyl]-1H-pyrido[4,3-b]indol-1-one.
 Anti-emetic. Glaxo Wellcome Inc.

3517 Alosetron Hydrochloride

122852-69-1

$C_{17}H_{19}ClN_4O$
 2,3,4,5-Tetrahydro-5-methyl-2-[(5-methylimidazol-4-yl)methyl]-1H-pyrido[4,3-b]indol-1-one monohydrochloride.
 GR-68755C. Anti-emetic. Glaxo Wellcome Inc.

3518 Azasetron

123040-69-7 933

$C_{17}H_{20}ClN_3O_3$
 (±)-6-Chloro-3,4-dihydro-4-methyl-3-oxo-N-3-quinuclidinyl-2H-1,4-benzoxazine-8-carboxamide.
 nazasetron. Anti-emetic. Specific serotonin 5HT₃ receptor antagonist. Yoshitomi.

3519 Azasetron Hydrochloride

141922-90-9 933

$C_{17}H_{21}Cl_2N_3O_3$
 (±)-6-Chloro-3,4-dihydro-4-methyl-3-oxo-N-3-quinuclidinyl-2H-1,4-benzoxazine-8-carboxamide monohydrochloride.
 Y-25130; Serotone. Anti-emetic. Specific serotonin 5HT₃ receptor antagonist. mp = 281° (dec), 305° (dec); LD₅₀ (mrat iv) = 135 mg/kg, (frat iv) = 132 mg/kg. Yoshitomi.

3520 Batanopride

102670-46-2

$C_{17}H_{26}ClN_3O_3$
 4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-[(1-methylacetonyloxy)benzamide hydrochloride].
 Anti-emetic. Bristol-Myers Squibb Pharmaceutical Res. and Dev.

3521 Batanopride Hydrochloride

102670-59-7

$C_{17}H_{27}Cl_2N_3O_3$
 4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-[(1-methylacetonyloxy)benzamide hydrochloride].
 BMY-25801-01. Anti-emetic. Bristol-Myers Squibb Pharmaceutical Res. and Dev.

3522 Bemisetron

40796-97-2

$C_{15}H_{17}Cl_2NO_2$
 1αH,5αH-Tropan-3α-yl 3,5-dichlorobenzoate.
 MDL-72222. Anti-emetic. Marion Merrell Dow Inc.

3523 Benzquinamide

63-12-7 1154

$C_{22}H_{32}N_2O_5$
 N,N-Diethyl-1,3,4,6,7,11b-hexahydro-2-hydroxy-9,10-dimethoxy-2H-benzo[a]quinolizine 3-carboxamide acetate (ester).
 Quantril; Emete-con; P-2647; NSC-64375; BZQ; Emeticon; Promecon; . Anti-emetic and antipsychotic. mp = 130-131.5°; LD₅₀ (rat orl) = 990 mg/kg, (mus ip) = 376 mg/kg. Roerig Div., Pfizer Pharmaceuticals.

3524 Bromopride

4093-35-0 1454 223-842-2

$C_{14}H_{22}BrN_3O_2$
 4-Amino-5-bromo-N-[2-(diethylamino)ethyl]-o-anisamide.
 Emepride; Emoril; Viadil. Anti-emetic. Teikoku Hormone.

3525 Bromopride Hydrochloride

52423-56-0 1454 257-906-6

$C_{14}H_{23}ClBrN_3O_2$
 4-Amino-5-bromo-N-[2-(diethylamino)ethyl]-o-anisamide hydrochloride.
 Cascapride; Plesium; Praiden; Valopride; Viaben. Anti-emetic. Teikoku Hormone.

3526 Buclizine

82-95-1 1484 201-448-1

$C_{28}H_{33}ClN_2$
 1-(p-tert-Butylbenzyl)-4-(p-chloro-α-phenylbenzyl)-piperazine.
 hitabutyzyne; histabutizine; UCB-4445; Buclifen; Longifene; Posdel; Postafen; Vibazine. Anti-emetic.
 bp_{0.001} = 217-220°. Pfizer International; Zeneca Pharmaceuticals.

3527 Buclizine Hydrochloride

129-74-8 1484 204-962-4

$C_{28}H_{35}Cl_2N_2$
 1-(p-tert-Butylbenzyl)-4-(p-chloro-α-phenylbenzyl)-piperazine dihydrochloride.
 Vibazine; Bucladin S; Buclina; Softran. Anti-emetic. mp = 230-240°. Pfizer International; Zeneca Pharmaceuticals.

3528 Cerium Oxalate

139-42-4 2045 205-362-5

$C_6Ce_2O_{12}$
 Cerium(III) oxalate.
 Sedemesis. Anti-emetic. Insoluble in H₂O, soluble in mineral acids.

3529 Chlorpromazine

50-53-3 2238 200-045-8

$C_{17}H_{19}ClN_2S$
 2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine.
 Thorazine; 2601-A; HL-5746; RP-4560; SKF-2601-A; Chlorderazin; Chlorpromados; Contomin; Esmind; Fenactil; Novomazina; Promactil; Prozil; Plegomazin; Sanopron; Aminazin; Ampliactil; Amplictil; Promazil;

Proma; Elmarin; Wintermin. Anti-emetic and antipsychotic. $bp_{0.8} = 200-205^\circ$. *Elkins-Sinn; KV Pharmaceutical; Parke-Davis; Rhône-Poulenc Rorer Pharmaceuticals Inc.; SmithKline Beecham Pharmaceuticals.*

3530 Chlorpromazine Hydrochloride

69-09-0 2238 200-701-3

$C_{17}H_{20}Cl_2N_2S$
2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine hydrochloride.
Hebanil; Hibanil; Klorpromex; Largactil; Largaktyl; Megaphen; Promacid; Chloractil; Chlorazin; Sonazine; Marazine; Propaphenin; Taroctyl; Thorazine; Torazina. Anti-emetic and antipsychotic. $mp = 179-180^\circ$ (dec), $194-196^\circ$ (dec); soluble in H_2O (40 g/100ml), MeOH, EtOH, $CHCl_3$; insoluble in C_6H_6 , Et_2O ; LD_{50} (rat orl) = 225 mg/kg. *Elkins-Sinn; KV Pharmaceutical; Parke-Davis; Rhône-Poulenc Rorer Pharmaceuticals Inc.; SmithKline Beecham Pharmaceuticals.*

3531 Cilansetron

120635-74-7

$C_{20}H_{21}N_3O$
(-)-(R)-56,9,10-Tetrahydro-10-[(2-methylimidazol-1-yl)methyl]-4H-purido[3,2,1-jk]carbazol-11-(8H)-one.
5-HT₃ receptor antagonist. Antiemetic.

3532 Cipropride

68475-40-1

$C_{17}H_{25}N_3O_4S$
N-[-(Cyclopropylmethyl)-2-pyrrolidinyl]methyl]-5-sulfamoyl-o-anisamide.
Anti-emetic.

3533 Clebopride

55905-53-8 2404 259-885-9

$C_{20}H_{24}ClN_3O_2$
4-Amino-N-(1-benzyl-4-piperidyl)-5-chloro-o-anisamide.
Clebopil. Anti-emetic with antispasmodic properties. $mp = 194-195^\circ$. *Grupo Farmaceutico Almirall S.A.*

3534 Clebopride Hydrochloride

2404

$C_{20}H_{25}Cl_2N_3O_2 \cdot H_2O$
4-Amino-N-(1-benzyl-4-piperidyl)-5-chloro-o-anisamide hydrochloride monohydrate.
Anti-emetic with antispasmodic properties. $mp = 217-219^\circ$; LD_{50} (mus orl) > 1000 mg/kg. *Grupo Farmaceutico Almirall S.A.*

3535 Clebopride Malate

57645-91-7 2404 260-874-6

$C_{24}H_{30}ClN_3O_7$
4-Amino-N-(1-benzyl-4-piperidyl)-5-chloro-o-anisamide malate.
Amicos; Clanzol; Clast; Cleboril; Clepid; Motilex. Anti-emetic with antispasmodic properties. *Grupo Farmaceutico Almirall S.A.*

3536 Cyclizine

82-92-8 2779 201-445-5

$C_{18}H_{22}N_2$
1-(Diphenylmethyl)-4-methylpiperazine.
Compound 47-83; Marzine; Marezine; Nautazine; Ne-

Devomit. Antihistaminic. $mp = 105.5-107.5^\circ$; $\lambda_m = 269, 263, 258, 225$ nm (ϵ 540, 742, 694, 11300).1N HCl); soluble in $CHCl_3$ (1.1 g/ml), Et_2O , EtOH 0.17 g/ml, H_2O < 0.001 g/ml; LD_{50} (mus orl) = 147 mg/kg. *Glaxo Wellcome Inc.*

3537 Cyclizine Hydrochloride

303-25-3 2779 206-136-9

$C_{18}H_{23}ClN_2$
1-(Diphenylmethyl)-4-methylpiperazine hydrochloride.
Valoid. Anti-emetic. Soluble in H_2O . *Glaxo Wellcome Inc.*

3538 Cyclizine Lactate

5897-19-8 2779

$C_{21}H_{28}N_2O_3$
1-(Diphenylmethyl)-4-methylpiperazine monolactate.
Injection. Anti-emetic. *Glaxo Wellcome Inc.*

3539 Dimenhydrinate

523-87-5 3252 208-350-8

$C_{24}H_{28}ClN_5O_3$
8-Chlorotheophylline compound with 2-(diphenylmethoxy)-N,N-dimethylethylamine (1:1).
Dommanate; chloranautine; Amosyt; Anautine; Andramine; Antemin; Diamarin; Dimate; Dramamine; Dramarin; Dramocen; Dramyl; Emedyl; Emes; Epha; Gravol; Menhydrinate; Reidamine; Removine; Travel-Gum; Travelin; Travelmin; Vomex A; Xamamina; Faston. Anti-emetic. A proprietary preparation of dimenhydrinate; an antiemetic. $mp = 102-107^\circ$; soluble in H_2O (3 mg/ml), more soluble in organic solvents. *Forest Pharmaceuticals Inc.; Wyeth-Ayerst Labs.*

3540 Diphenidol

972-02-1 3369 213-540-9

$C_{21}H_{27}NO$
 α,α -Diphenyl-1-piperidinebutanol.
SK&F-478. $mp = 104-105^\circ$; LD_{50} (rat sc) = 50 mg/kg. *SmithKline Beecham Pharmaceuticals.*

3541 Diphenidol Hydrochloride

3254-89-5 3369 221-850-0

$C_{21}H_{28}ClNO$
 α,α -Diphenyl-1-piperidinebutanol hydrochloride.
SK&F-478-A; Vontrol; Ansmine; Cefadol; Celmidol; Difenidolin; Maniol; Mecalmin; Pineroro; Satanolon; Tenesdol; Wansar. $mp = 212-214^\circ$; soluble in H_2O , MeOH, $CHCl_3$; insoluble in Et_2O , C_6H_6 , petroleum ether; LD_{50} (mus orl) = 430 mg/kg, (mus ip) = 105 mg/kg, (mus iv) = 37 mg/kg, (rat orl) = 515 mg/kg, (rat ip) = 82 mg/kg, (rat iv) = 29 mg/kg. *SmithKline Beecham Pharmaceuticals.*

3542 Diphenidol Pamoate

26363-46-2 3369

$C_{65}H_{70}N_2O_8$
 α,α -Diphenyl-1-piperidinebutanol compound with 4,4'-methylenebis[3-hydroxy-2-naphthoic acid] (2:1).
SK&F-478-J. *SmithKline Beecham Pharmaceuticals.*

3543 Dolasetron

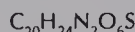
115956-12-2 3471

$C_{19}H_{20}N_2O_3$
Indole-3-carboxylic acid ester with (8r)-hexahydro-8-

hydroxy-2,6-methano-2H-quinolizin-3(4H)-one.
MDL-73147. Anti-emetic and antimigraine. *Hoechst Marion Roussel Inc.*

3544 Dolasetron Mesylate

115956-13-3 3471



Indole-3-carboxylic acid ester with (8r)-hexahydro-8-hydroxy-2,6-methano-2H-quinolizin-3(4H)-one monomethanesulfonate.

Anxemet; MDL-73147EF. Anti-emetic and antimigraine. mp = 278°. *Hoechst Marion Roussel Inc.*

3545 Domperidone

57808-66-9 3476 260-968-7

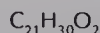


5-Chloro-1-[1-[3-(2-oxo-1-benzimidazolyl)propyl]-4-piperidyl]-2-benzimidazolinone.

Motilium; R-33812; Euciton; Evoxin; Gastronorm; Mod; Nauzelin; Peridon; Peridys. Anti-emetic. mp = 242.5°. *Janssen Pharmaceutical, Belgium.*

3546 Dronabinol

1972-08-3 9349



(6aR,10aR)-6a,7,8,10a-Tetrahydro-6,6,9-trimethyl-3-pentyl-6H-dibenzo[b,d]pyran-1-ol.

Marinol; NSC-134454; tetrahydrocannabinol; (-)- Δ^1 -3,4-trans tetrahydrocannabinol; Δ^9 -THC; Δ^1 -THC; QCD-84924. Anti-emetic. The (-)- Δ^1 -3,4-trans form is used as an anti-emetic for cancer patients and as a topical medication for hypertensive glaucomas. bp_{0.02} = 200°; [α]_D²⁰ = -150° (c = 0.53 CHCl₄); λ_m = 283, 276 nm (log ϵ 3.21, 3.20 EtOH); LD₅₀ (mrat orl) = 800 mg/kg, (frat orl) = 730 mg/kg. *Unimed, Inc.*

3547 Exepanol

77416-65-0



(±)-cis-2,3,4,5-Tetrahydro-3-(methylamino)-1-benzoxepin-5-ol.

Antiemetic.

3548 Fludorex

15221-81-5



N-Methyl-β-methoxy-m-(trifluoromethyl)phenethylamine. Win-11464. Anti-emetic and anorexic. *Sterling Winthrop, Inc.*

3549 Flumeridone

75444-64-3 278-211-4



5-Chloro-1-[1-[3-(5-chloro-2,3-dihydro-2-oxo-1-benzimidazolyl)propyl]-4-piperidyl]-2-benzimidazolinone.

R-45486. Anti-emetic.

3550 Galdanetron

116684-92-5



(3R)-2,3-Dihydro-9-methyl-3-[(5-methylimidazol-4-yl)methyl]carbazol-4(1H)-one.

GR-81225X. Anti-emetic. *Glaxo Wellcome Inc.*

3551 Galdanetron Hydrochloride

156712-35-5



(3R)-2,3-Dihydro-9-methyl-3-[(5-methylimidazol-4-yl)methyl]carbazol-4(1H)-one monohydrochloride.

GR-81225C. Anti-emetic. *Glaxo Wellcome Inc.*

3552 Granisetron

109889-09-0 4557



1-Methyl-N-(9-methyl-endo-9-azabicyclo[3.3.1]non-3-yl)-1H-imidazole-3-carboxamide.

BRL-43694. Anti-emetic. Specific serotonin 5HT₃ receptor antagonist. Used in treatment of nausea in cancer patients. *SmithKline Beecham Pharmaceuticals.*

3553 Granisetron Hydrochloride

107007-99-8 4557



1-Methyl-N-(9-methyl-endo-9-azabicyclo[3.3.1]non-3-yl)-1H-imidazole-3-carboxamide hydrochloride.

BRL-43694A; Kytril. Anti-emetic. Specific serotonin 5HT₃ receptor antagonist. Used in treatment of nausea in cancer patients. mp = 290-292°. *SmithKline Beecham Pharmaceuticals.*

3554 Lerisetron

143257-98-1



1-Benzyl-2-(1-piperazinyl)benzimidazole.

2-Piperazinylbenzimidazole derivative. Specific 5HT₃-receptor antagonist. Antiemetic.

3555 Lorapride

68677-06-5 272-057-1



5-Chloro-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2-methoxysulfanylamide.

Sulpiride derivative. Antipsychotic; antidepressant; antiemetic.

3556 Lurosetron

128486-54-4



6-Fluoro-2,3,4,5-tetrahydro-5-methyl-2-[(5-methylimidazol-4-yl)methyl]-1H-pyrido[4,3-b]indol-1-one.

Anti-emetic. *Glaxo Wellcome, UK.*

3557 Lurosetron Mesylate

143486-90-2

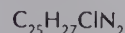


6-Fluoro-2,3,4,5-tetrahydro-5-methyl-2-[(5-methylimidazol-4-yl)methyl]-1H-pyrido[4,3-b]indol-1-one monomethanesulfonate.

GR-87442N. Anti-emetic. *Glaxo Wellcome, UK.*

3558 Meclizine

569-65-3 5817 209-323-3



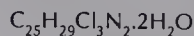
1-(p-Chloro-α-phenylbenzyl)-4-(m-methylbenzyl)piperazine.

meclozine; parachloramine. Anti-emetic. bp₂ = 230°. *Roerig Div., Pfizer Pharmaceuticals; KV Pharmaceutical;*

Pfizer International.

3559 Meclizine Hydrochloride

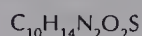
31884-77-2 5817 214-164-8

1-(p-Chloro- α -phenylbenzyl)-4-(m-methylbenzyl)-piperazine dihydrochloride monohydrate.

UCB-5062; Ancolan; Antivert; Bonamine; Bonine; Calmonal; Diadril; Histametzine; Navicalm; Neolstafene; Peremesin; Postafene; Sabari; Sea-Legs; Veritab.

Anti-emetic. Insoluble in H_2O (0.1 g/100 ml); freely soluble in $CHCl_3$, C_5H_5N . Roerig Div., Pfizer Pharmaceuticals; KV Pharmaceutical; Pfizer International.**3560 Methallatal**

115-56-0 6011 204-095-1



5-Ethylidihydro-5-(2-methyl-2-propenyl)-2-thioxo-4,6(1H,5H)-pyrimidinedione.

V-12; Mosidal. Anti-emetic. mp = 160-161°; insoluble in H_2O ; sodium salt is soluble in H_2O , EtOH. Abbott Labs.**3561 Metoclopramide**

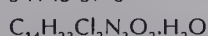
364-62-5 6226 206-662-9



4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-methoxybenzamide.

Metoclopramide; 4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-o-anisamide.HCl.H $2O$; AHR-3070-C; Cerucal; Clopromate; Draclamid; Emperal; Eucil; Gastrese; Gastrobid; Gastromax; Gastrosil; Gastro-tablinen; Gastrotem; Gastro-Timelets; Maxeran; Maxolon; MCP-ratiopharm; Meclopran; Metamide; Metocobil; Metramid; Parmid; Paspertin; Plasil; Regla. Anti-emetic. A proprietary preparation of metoclopramide. A dopamine D_2 receptor antagonist. Promotes gastric motility and emptying. mp = 146-148°; soluble in H_2O (0.2 g/100 ml), more soluble in organic solvents. Abbott Labs.; Apothecon; Lemmon Co.; SmithKline Beecham Pharmaceuticals; Whitehall-Robins.**3562 Metoclopramide Hydrochloride**

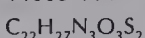
54143-57-6 6226 206-662-9



4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-methoxybenzamide monohydrochloride monohydrate.

Maxolon; Reglan; AHR-3070-C; Emetid; Gastronerton; Primperan; AHR-3070-C; Cerucal; Clopromate; Draclamid; Emperal; Eucil; Gastrese; Gastrobid; Gastromax; Gastrosil; Gastro-tablinen; Gastrotem; Gastro-Timelets; Maxeran; Maxolon; MCP-ratiopharm; Meclopran; Metamide; Metocloil; Metocobil; Metramid; Moriperan; Mygdalon; Parmid; Paspertin; Peraprin; Plasil; Pramiel; Reglan. Anti-emetic. A proprietary preparation of metoclopramide. A dopamine D_2 receptor antagonist. Promotes gastric motility and emptying. mp = 182.5-184°; slightly soluble in H_2O , more soluble in organic solvents. Abbott Labs.; Apothecon; Lemmon Co.; SmithKline Beecham Pharmaceuticals; Whitehall-Robins.**3563 Metopimazine**

14008-44-7 6233 237-818-4



1-[3-[2-(Methylsulfonyl)-10H-phenothiazin-10-yl]propyl]isonipicotamide.

EXP 999; RP-9965; Vogalene. Anti-emetic. mp = 170-

171°; LD $_{50}$ (rat orl) = 976 mg/kg, (rat sc) = 1080 mg/kg. DuPont Merck Pharmaceutical Co.; Rhône-Poulenc.**3564 Mobenzoxamine**

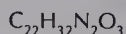
65329-79-5

4'-Fluoro-4-[4-[2-[(p-methoxy- α -phenylbenzyl)oxy]ethyl]-1-piperazinyl]butyrophenone.

Antiemetic.

3565 Mociprazine

56693-13-1 260-340-2

 α -[[[1-Ethynylcyclohexyl)oxy)methyl]-4-(o-methoxyphenyl)-1-piperazineethanol.

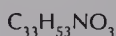
CERM-3517. Antiemetic.

3566 Nabilone

51022-71-0 6427

(±)-3-(1,1-Dimethylheptyl-6,6 β ,7,8,10,10 α -hexahydro-1-hydroxy-6,6-dimethyl-9H-dibenzo[b,d]pyran-9-one.Cesamet; Compd. 109514; LY-109514. Anti-emetic. A synthetic cannabinoid with anti-emetic, antiglaucoma and CNS activity. mp = 159-160°; λ_m = 207, 280 nm (ϵ 47000, 250 EtOH). Eli Lilly & Co.**3567 Naboctate**

74912-19-9

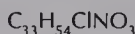


(±)-7,8,9,10-Tetrahydro-6,6,9-trimethyl-3-(1-methyloctyl)6H-dibenzo[b,d]pyran-1-yl 4-(diethylamino)butyrate.

Anti-emetic and antiglaucoma agent.

3568 Naboctate Hydrochloride

73747-21-4



(±)-7,8,9,10-Tetrahydro-6,6,9-trimethyl-3-(1-methyloctyl)-6H-dibenzo[b,d]pyran-1-yl 4-(diethylamino)butyrate hydrochloride.

SP-325. Anti-emetic and antiglaucoma agent.

3569 Nonabine

16985-03-8



7-(1,2-Dimethylheptyl)-2,2-dimethyl-4-(4-pyridyl)-2H-1-benzopyran-5-ol.

BRL-4664. Antiemetic.

3570 Ondansetron

116002-70-1



(±)-2,3-Dihydro-9-methyl-3-[(2-methylimidazol-1-yl)methyl]carbazol-4(1H)-one.

Anxiolytic, antiemetic and antischizophrenic. Glaxo Wellcome Inc.

3571 Ondansetron Hydrochloride

103639-04-9



(±)-2,3-Dihydro-9-methyl-3-[(2-methylimidazol-1-yl)methyl]carbazol-4(1H)-one monohydrochloride monohydrate.

Zofran; GR-38032F. Anxiolytic, antiemetic

andantischizophrenic, Glaxo Wellcome Inc.

3572 Oxypendyl

5585-93-3 7104

$C_{20}H_{26}N_4OS$

4-[3-(10H-Pyrido[3,2-b][1,4]benzothiazin-10-yl)-propyl]piperazin-1-ylethanol.

oxipendyl; D-706. Anti-emetic. $bp_1 = 260-265^\circ$; $bp_6 = 280-300^\circ$.

3573 Oxypendyl Hydrochloride

17297-82-4 7104

$C_{20}H_{28}Cl_2N_4OS$

4-[3-(10H-Pyrido[3,2-b][1,4]benzothiazin-10-yl)-propyl]piperazin-1-ylethanol dihydrochloride.

Anti-emetic. mp = 231-232°; soluble in H_2O (1.2 g/100 ml).

3574 Palonosetron

135729-56-5

$C_{19}H_{22}N_2O$

2,4,5,6-Tetrahydro-2-[(3S)-3-quinuclidinyl]-1H-benz[de]isoquinolin-1-one hydrochloride.

Anti-emetic. Syntex Labs. Inc.

3575 Palonosetron Hydrochloride

135729-55-4

$C_{19}H_{23}ClN_2O$

2,4,5,6-Tetrahydro-2-[(3S)-3-quinuclidinyl]-1H-benz[de]isoquinolin-1-one hydrochloride.

RS-25259-197. Anti-emetic. Syntex Labs. Inc.

3576 Pancopride

121243-20-7

$C_{18}H_{24}ClN_3O_2$

4-Amino-5-chloro- α -cyclopropyl-N-3-quinuclidinyl-o-anisamide.

Grupo Farmaceutico Almirall S.A.

3577 ($\pm$)-Pancopride

121650-80-4

$C_{18}H_{24}ClN_3O_2$

($\pm$)-4-Amino-5-chloro- α -cyclopropyl-N-3-quinuclidinyl-o-anisamide.

Anxiolytic, anti-emetic and peristaltic stimulant. Grupo Farmaceutico Almirall S.A.

3578 Pipamazine

84-04-8

7607

201-512-9

$C_{21}H_{24}ClN_3OS$

10-[3-(4-Carbamoylpiperidino)propyl]-2-chlorophenothiazine.

Mornidine; Nausidol; SC-9387. Anti-emetic. mp = 139°; [hydrochloride]: mp = 196-197°. Searle, G.D., & Co.

3579 Prochlorperazine

58-38-8

7942

200-379-4

$C_{20}H_{24}ClN_3S$

2-Chloro-10[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine.

Compazine; Eskatrol; Bayer A 173; RP-6140; SKF-4657. Anti-emetic and antipsychotic. Bayer AG; SmithKline Beecham Pharmaceuticals.

3580 Prochlorperazine Edisylate

1257-78-9

7942

215-019-1

$C_{22}H_{30}ClN_3O_6S_3$

2-Chloro-10[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine 1,2-ethanedisulfonate.

Compazine; Novamin; Tementil. Anti-emetic and antipsychotic. Used in treatment of vertigo. SmithKline Beecham Pharmaceuticals; Wyeth-Ayerst Labs.

3581 Prochlorperazine Maleate

84-02-6

7942

201-511-3

$C_{28}H_{32}ClN_3O_8S$

2-Chloro-10[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine dimaleate.

Compazine; Combid; Stemetil; Buccastem; Meterazine; Vertigon. Anti-emetic and antipsychotic. mp = 228°;

slightly soluble in H_2O (0.1 g/100 ml), MeOH, EtOH;

insoluble in C_6H_6 , Et_2O , $CHCl_3$; LD_{50} (mus sc) = 400 mg/kg, (mus ip) = 120 mg/kg, (mus iv) = 90 mg/kg, (mus orl) = 400 mg/kg. Apotekon; SmithKline Beecham Pharmaceuticals.

3582 Promethazine

60-87-7

7970

200-489-2

$C_{17}H_{20}N_2S$

10-[2-(Dimethylamino)propyl]phenothiazine.

proazamine; RP-3277. Antihistaminic and anti-emetic. mp = 60°; $bp_3 = 190-192^\circ$. Rhône-Poulenc.

3583 Promethazine Hydrochloride

58-33-3

7970

200-375-2

$C_{17}H_{21}ClN_2S$

10-[2-(Dimethylamino)propyl]phenothiazine monohydrochloride.

RP-3389; Atosil; Dorme; Duplamin; Fellozine; Fenazil; Genphen; Hiberna; Lergigan; Phencen; Phenergan; Prorex; Prothazine; Provigan; Remsed. Antihistaminic and anti-emetic. mp = 230-232°; $\lambda_m = 249, 297$ nm (ϵ 28770, 3400 H_2O); soluble in H_2O , EtOH, $CHCl_3$, indoluble in Me_2CO , Et_2O , EtOAc; LD_{50} (mus iv) = 55.0 mg/kg. Rhône-Poulenc.

3584 Promethazine Teoclate

17693-51-5

7970

241-691-0

$C_{24}H_{27}ClN_6O_5S$

10-[2-(Dimethylamino)propyl]phenothiazine compound with 8-chlorotheophylline.

Avomine; promethazine theoclate. Antihistaminic and anti-emetic. Rhône-Poulenc.

3585 Pyridoxine Hydrochloride

58-56-0

8166

200-386-2

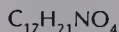
$C_8H_{12}ClNO_3$

5-Hydroxy-6-methyl-3,4-pyridinedimethanol hydrochloride.

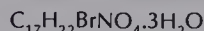
vitamin B_6 hydrochloride; Bonasanit; Hexabione hydrochloride; Hexabetalin; Hexavibex; Pyridipca; Pyridox; Becilan; Benadon; Hexermine; Campoviton 6; Hexobion. Vitamin, nutritional factor. A proprietary preparation of pyridoxine; an antinauseant. mp = 205-212° (dec); $\lambda_m = 290$ nm (ϵ 8400), 1N HCl, 253, 325 nm (ϵ 3700 7100 pH 7); soluble in H_2O (22.2 g/100 ml); soluble in propylene glycol; less soluble in Me_2CO ; insoluble in Et_2O , $CHCl_3$. Merck & Co., Inc.

3586 Scopolamine

51-34-3 8550 200-090-3

[7(S)-(1 α ,2 β ,4 β ,5 α ,7 β)]-(Hydroxymethyl)benzeneacetic acid 9-methyl-3-oxa-9-azatricyclo[3.3.1.0^{2,4}]non-7-yl ester.S-(-)-tropate; scopolamine; hyoscine; l-scopolamine; Scop; Scopoderm TTS; Transcop; Transderm Scop. Anti-emetic. [α]_D²⁰ = -28° (c = 2.7); soluble in H₂O (10.5 g/100 ml); freely soluble in hot H₂O, EtOH, Et₂O, CHCl₃, Me₂CO; less soluble in C₆H₆, petroleum ether.**3587 Scopolamine Hydrobromide**

114-49-8 8550 204-050-6

[7(S)-(1 α ,2 β ,4 β ,5 α ,7 β)]-(Hydroxymethyl)benzeneacetic acid 9-methyl-3-oxa-9-azatricyclo[3.3.1.0^{2,4}]non-7-yl ester hydrobromide trihydrate.Scopolamine hydrobromide trihydrate; scopolammonium bromide; Scopol; Sea Legs; Wellcome Brand Scopolamine Hydrobromide Injection; Scopolaminium bromide; Scopolammonium bromide; Scopol; Sereen; Triptone; 1 α H,5 α H-Tropan-3 α -ol, 6 β ,7 β -epoxy-, (-)-tropate (ester), hydrobromide; Beldavrin; Euscopol; Hyoscine hydrobromide; Hyocine F hydrobromide; Hyoscine bromide; Hyoscine hydrobromide; L-Hyoscine hydrobromide; component of: Benacine. Anti-emetic. A proprietary formulation of scopolamine hydrobromide; for preanesthetic sedation and in conjunction with analgesic agents for obstetric amnesia or for calming delirium. mp = 195°; [α]_D²⁵ = -25° (c = 5); λ_m = 246, 252, 258, 264 nm (A_{1 cm}^{1%} 3.5, 4.0, 4.5, 3.0 MeOH); soluble in H₂O (0.66 g/ml), less soluble in organic solvents; LD₅₀ (rat sc) = 3800 mg/kg. *Alcon Labs.; Robins, A.H. Co.; Ciba-Geigy Corp.; Parke-Davis; The Wellcome Foundation Ltd.; Wallace Labs.; Zeneca Pharmaceuticals.***3588 Sulpiride**

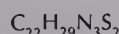
15676-16-1 9163 239-753-7



N-[(1-Ethyl-2-pyrrolidinyl)methyl]-5-sulfamoyl-o-anisamide.

Abilit; Aiglonyl; Coolspan; Dobren; Dogmatil; Dogmatyl; Dolmatil; Guastil; Meresa; Miradol; Mirbanil; Misulvan; Neogama; Omperan; Pyrikapil; Sernevin; Splotin; Sulpitil; Sursumid; Synedil; Trilan. Anti-emetic and antipsychotic, antidepressant. Dopamine D₂ and D₃ receptor antagonist. mp = 178-180°, poorly soluble in MeOH, insoluble in H₂O, Et₂O, C₆H₆, CHCl₃; [α]_D²⁵ = -66.8° (c = 0.5 DMF); LD₅₀ (mus ip) = 170 mg/kg, (mus orl) = 2250 mg/kg. *Delagrangé.***3589 Thiethylperazine**

1420-55-9 9449 215-819-0



2-(Ethylthio)-10-[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine.

Anti-emetic. mp = 62-64°; bp_{0.01} = 227°. *Sandoz Pharmaceuticals Corp.***3590 Thiethylperazine Dihydrochloride**

9449

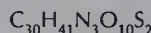


2-(Ethylthio)-10-[3-(4-methyl-1-piperazinyl)propyl]-

phenothiazine dihydrochloride.

Anti-emetic. mp = 214-216°. *Sandoz Pharmaceuticals Corp.***3591 Thiethylperazine Dimaleate**

52239-63-1 9449 257-780-2



2-(Ethylthio)-10-[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine maleate.

Norzine. Anti-emetic. mp = 139°. *Sandoz Pharmaceuticals Corp.***3592 Thiethylperazine Dimaleate**

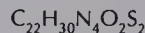
1179-69-7 9449 214-648-9



2-(Ethylthio)-10-[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine dimaleate.

GS-95; NSC-130044; Torecan maleate; Toresten; Tresten. Anti-emetic. mp = 188-190° (dec). *Sandoz Pharmaceuticals Corp.***3593 Thioproperazine**

316-81-4 9494 206-262-4



N,N-Dimethyl-10-[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine-2-sulfonamide.

RP-7843; SKF-5883. Anti-emetic and antipsychotic. mp = 140°; [fumarate]: mp = 182°. *SmithKline Beecham Pharmaceuticals; Rhône-Poulenc.***3594 Thioproperazine Mesylate**

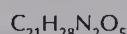
2347-80-0 9494 219-074-2



N,N-Dimethyl-10-[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine-2-sulfonamide dimethanesulfonate.

Majeptil; Vontil. Anti-emetic and antipsychotic. *SmithKline Beecham Pharmaceuticals; Rhône-Poulenc.***3595 Trimethobenzamide**

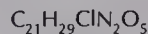
138-56-7 9839 205-332-1



N-[p-[2-(Dimethylamino)ethoxy]benzyl]-3,4,5-trimethoxybenzamide.

Anti-emetic. *Hoffmann-LaRoche Inc.***3596 Trimethobenzamide Hydrochloride**

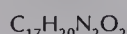
554-92-7 9839 209-075-6



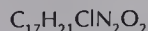
N-[p-[2-(Dimethylamino)ethoxy]benzyl]-3,4,5-trimethoxybenzamide monohydrochloride.

Ro-2-9578; Anaus; Tigan; Xametina. Anti-emetic. mp = 187.5-190°; freely soluble in H₂O (> 50 g/100 ml). *Hoffmann-LaRoche Inc.***3597 Tropisetron**

89565-68-4 9914

1 α H,5 α H-Tropan-3 α -yl indole-3-carboxylate.ICS-205-930. Anti-emetic. mp = 201-202°. *Sandoz Pharmaceuticals Corp.***3598 Tropisetron Hydrochloride**

105826-92-4 9914

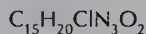
1 α H,5 α H-Tropan-3 α -yl

hydrochloride. indole-3-carboxylate

Navoban; Novaban. Anti-emetic. mp = 283-285°. Sandoz Pharmaceuticals Corp.

3599 Zacopride

90182-92-6



4-Amino-5-chloro-N-3-quinuclidinyl-o-anisamide.

Anti-emetic and peristaltic stimulant. *Robins, A.H. Co.***3600 Zacopride Hydrochloride**

99617-34-2



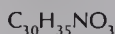
4-Amino-5-chloro-N-3-quinuclidinyl-o-anisamide monohydrochloride monohydrate.

AHR-11190-B. Anti-emetic and peristaltic stimulant.

*Robins, A.H. Co.***Antiestrogens****3601 Centchroman**

78994-24-8

2018

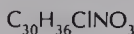


(trans)-1-[2-[p-(7-Methoxy-2,2-dimethyl-3-phenyl-4-chromanyl)phenoxy]ethyl]pyrrolidine.

Estrogen antagonist. Antiestrogen. mp = 99-101°. *Rexall Sundown, Inc.***3602 Centchroman Hydrochloride**

51023-56-4

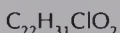
2018



(trans)-1-[2-[p-(7-Methoxy-2,2-dimethyl-3-phenyl-4-chromanyl)phenoxy]ethyl]pyrrolidine hydrochloride.

67/20 CDRI. Estrogen antagonist. Antiestrogen. mp = 165-166°; $\lambda_m = 232, 278$ nm (ϵ 3701 at 278 nm MeOH); soluble in $CHCl_3$ (10 g/100 ml), Me_2CO (5 g/100 ml), EtOH (1.67 g/100 ml), MeOH (5 g/100 ml); insoluble in H_2O ; LD₅₀ (mus ip) = 400 mg/kg. *Rexall Sundown, Inc.***3603 Clometherrone**

5591-27-5

6 α -Chloro-16 α -methylpregn-4-ene-3,2-dione.38000. Antiestrogen. *Eli Lilly & Co.***3604 Clomiphene**

911-45-5

2446

213-008-6



2-[p-(2-Chloro-1,2-diphenylvinyl)phenoxy]triethylamine.

Clomifene; Chloramiphene; MRL-41. Gonad stimulating principal. Antiestrogen. *Lemmon Co.; Merrell Pharmaceuticals Inc.; Sero Labs., Inc.***3605 Clomiphene Citrate**

50-41-9

2446

200-035-3



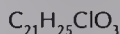
2-[p-(2-Chloro-1,2-diphenylvinyl)phenoxy]triethylamine citrate (1:1).

Clomid; Serophene; MRL-41; MER-41; NSC-35770; Clomphid; Clomivid; Clostilbegyt; Ikaclomine; Pergotime; zuclophene [cis-form]; enclomiphene [trans-form]. Gonad stimulating principal. Antiestrogen. mp = 116.5-118°; slightly soluble in H_2O , $CHCl_3$; freely soluble in MeOH; sparingly soluble in EtOH; insoluble in Et_2O . *Lemmon Co.; Merrell Pharmaceuticals Inc.; Sero Labs.,**Inc.***3606 Delmadinone**

15262-77-8

2930

239-306-6



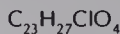
6-Chloro-17-hydroxypregna-1,4,6-triene-3,20-dione.

Progestogen and anti-androgen. Antiestrogen. *Pharmacia & Upjohn, Inc.***3607 Delmadinone Acetate**

13698-49-2

2930

237-219-8



6-Chloro-17-hydroxypregna-1,4,6-triene-3,20-dione acetate.

RS-1301; Delminal; Estrex; Tardastrex; Tarden; Zenadrex. Progestogen and anti-androgen. Antiestrogen. mp = 168-170°; $[\alpha]_D = -83^\circ$ ($CHCl_3$); $\lambda_m = 229, 258, 297$ nm ($\log \epsilon$ 4.00, 4.00, 4.03, EtOH). *Pharmacia & Upjohn, Inc.***3608 Enclomiphene**

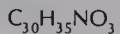
15690-57-0



(E)-2-[p-(2-Chloro-1,2-diphenylvinyl)phenoxy]triethylamine.

Anti-estrogen. *Marion Merrell Dow Inc.***3609 Levormeloxifene**

78994-23-7



(-)-1-[2-[4-[(3R,4R)-7-Methoxy-2,2-dimethyl-3-phenyl-4-chromanyl)phenoxy]ethyl]pyrrolidine.

L-enantiomer of the racemic compound ormeloxifene, a selective estrogen receptor modulator. Estrogen receptor agonist.

3610 Nafoxidine

1845-11-0



1-[2-[p-(3,4-Dihydro-6-methoxy-2-phenyl-1-naphthyl)phenoxy]ethyl]pyrrolidine.

Antiestrogen. *Pharmacia & Upjohn, Inc.***3611 Nafoxidine Hydrochloride**

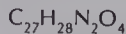
1847-63-8



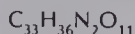
1-[2-[p-(3,4-Dihydro-6-methoxy-2-phenyl-1-naphthyl)phenoxy]ethyl]pyrrolidine hydrochloride.

U-11100A; NSC-70735. Antiestrogen. *Pharmacia & Upjohn, Inc.***3612 Nitromifene**

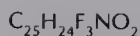
10448-84-7

1-[2-[p-[α -(p-Methoxyphenyl)- β -nitrostyryl]phenoxy]ethyl]pyrrolidine.Antiestrogen. *Parke-Davis.***3613 Nitromifene Citrate**

5863-35-4

1-[2-[p-[α -(p-Methoxyphenyl)- β -nitrostyryl]phenoxy]ethyl]pyrrolidine citrate (1:1).Antiestrogen. *Parke-Davis.***3614 Panomifene**

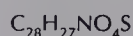
77599-17-8



(E)-2-[[2-[p-(3,3,3-Trifluoro-1,2-diphenylpropenyl)phenoxy]ethyl]amino]ethanol.
EGIS-5660. An analog of tamoxifen. Antiestrogen.

3615 Raloxifene

84449-90-1 8281



6-Hydroxy-2-(p-hydroxyphenyl)benzo[b]thien-3-yl-p-(2-piperidinoethoxy)phenyl ketone.
Keoxifene; LY-139481. Antiostreoporotic and antiestrogenic. mp = 143-147°; λ_m = 290 nm (ϵ 34000 EtOH). *Eli Lilly & Co.*

3616 Raloxifene Hydrochloride

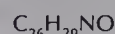
82640-04-8 8281



6-Hydroxy-2-(p-hydroxyphenyl)benzo[b]thien-3-yl-p-(2-piperidinoethoxy)phenyl ketone hydrochloride.
Keoxifene hydrochloride; LY-156758. Antiostreoporotic and antiestrogenic. mp = 258°; λ_m = 286 nm (ϵ 32800 EtOH). *Eli Lilly & Co.*

3617 Tamoxifen

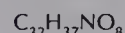
10540-29-1 9216 234-118-0



(Z)-2-[p-(1,2-Diphenyl-1-butenyl)phenoxy]-N,N-dimethylethylamine.
Antiestrogen. Used in prevention and palliative treatment of breast cancer. mp = 96-98°; [cis-form]: mp = 72-74°. *Zeneca Pharmaceuticals.*

3618 Tamoxifen Citrate

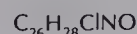
54965-24-1 9216 259-415-2



(Z)-2-[p-(1,2-Diphenyl-1-butenyl)phenoxy]-N,N-dimethylethylamine citrate.
Nolvadex; ICI-46474; Kessar; Noltam; Nourytam; Tamofen; Tomaxasta; Zemide. Antiestrogen. Used in prevention and palliative treatment of breast cancer. mp = 140-142°; soluble in EtOH, MeOH, Me₂CO; slightly soluble in H₂O; LD₅₀ (mus ip) = 200 mg/kg, (mus iv) = 62.5 mg/kg, (mus orl) = 3000-6000 mg/kg, (rat ip) = 600 mg/kg, (rat iv) = 62.5 mg/kg, (rat orl) = 1200-2500 mg/kg; [cis-form (C₃₂H₃₇NO₈; ICI-57699)]: mp = 126-128°. *Zeneca Pharmaceuticals.*

3619 Toremifene

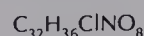
89778-26-7 9688



2-[p-[(Z)-4-Chloro-1,2-diphenyl-1-butenyl]phenoxy]-N,N-dimethylethylamine.
Antiestrogen and antineoplastic. mp = 108-110°. *Farmos Group Ltd.*

3620 Toremifene Citrate

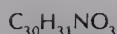
89778-27-8 9688



2-[p-[(Z)-4-Chloro-1,2-diphenyl-1-butenyl]phenoxy]-N,N-dimethylethylamine citrate.
FC-1157a; Fareston. Antiestrogen and antineoplastic. mp = 160-162°. *Farmos Group Ltd.*

3621 Trioxifene

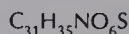
63619-84-1



3,4-Dihydro-2-(p-methoxyphenyl)-1-naphthyl-p-[2-(1-pyrrolidinyl)ethoxy] phenyl ketone.
Antiestrogen. *Eli Lilly & Co.*

3622 Trioxifene Mesylate

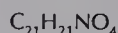
68307-81-3



3,4-Dihydro-2-(p-methoxyphenyl)-1-naphthyl-p-[2-(1-pyrrolidinyl)ethoxy] phenyl ketone methanesulfonate.
Compound 133314. Antiestrogen. *Eli Lilly & Co.*

3623 Zindoxifene

86111-26-4

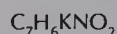


1-Ethyl-2-(p-hydroxyphenyl)-3-methylindol-5-yl diacetate (ester).
D-16726. Antiestrogen; antineoplastic.

Antifibrotics

3624 Potassium p-Aminobenzoate

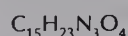
138-84-1 7766 205-338-4



p-Aminobenzoic acid potassium salt.
KPABA; Potaba. Used as an antifibrotic in idiopathic pulmonary fibrosis. Freely soluble in H₂O, less soluble in EtOH, insoluble in Et₂O.

3625 Safironil

134377-69-8

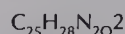


N,N'-Bis(3-methoxypropyl)-2,4-pyridinecarboxamide.
Antifibrotic.

Antifungals

3626 Acrosorcin

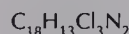
7527-91-5 128 231-389-7



4-Hexylresorcinol compound with 9-aminoacridine.
Akrinol. Antifungal. *Schering Corp.*

3627 Aliconazole

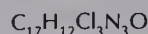
63824-12-4 264-498-3



(Z)-1-[2,4-Dichloro-β-(p-chlorophenyl)cinnamyl]imidazole.
Antifungal.

3628 Alteconazole

93479-96-0



cis-1-[2-(p-Chlorophenyl)-3-(2,4-dichlorophenyl)-2,3-epoxypropyl]-1H-1,2,4-triazole.
An antifungal agent.

3629 Ambruticin

58857-02-6



6-[2-[2-[5-(6-Ethyl-3,6-dihydro-5-methyl-2H-pyran-2-yl)-3-methyl-1,4-hexadienyl]-3-

methylcyclopropyl]vinyl]tetrahydro-4,5-dihydroxy-2H-pyran-2-acetic acid.

W7783; SMP-78 Acid S. Antifungal. *Parke-Davis*.

3630 Amorolfine

78613-35-1 612

$C_{21}H_{35}NO$

(±)-cis-2,6-Dimethyl-4-[2-methyl-3-(p-tert-pentylphenyl)propyl]morpholine.

Ro-14-4767/000; Loceryl. Antimycotic, used as a topical antifungal. bp_{0.036} = 134°. *Hoffmann-LaRoche Inc.*

3631 Amorolfine Hydrochloride

78613-38-4 612

$C_{21}H_{36}ClNO$

(±)-cis-2,6-Dimethyl-4-[2-methyl-3-(p-tert-pentylphenyl)propyl]morpholine hydrochloride.

Ro-14-4767/002. Antimycotic, used as a topical antifungal. *Hoffmann-LaRoche Inc.*

3632 Amphotericin B

1397-89-3 627 215-742-2

$C_{47}H_{73}NO_{17}$

[1R-1R*,3S*,5R*,6R*,9R*,11R*,15S*16R*,17R*18S*,19E,21E,23E,25E,27E,29E,31E,33R*,35S*,36R*,37S*)]33-[(3-Amino-3,6-dideoxy-β-D-mannopyranosyl)oxy]-1,3,5,6,9,11,17,37-octahydroxy-15,16,18-trimethyl-13-oxo-14,39-dioxabicyclo[33.3.1]nonatriaconta-19,21,23,25,27,29,31-heptaene-36-carboxylic acid.

Amphocin; Fungizone; Ambisome; Amphozone; Fungilin; Ampho-Moronal; component of: Mysteclin-F. Antifungal.

mp > 170° (dec); λ_m = 406, 382, 363, 345 nm (MeOH); [α]_D²⁴ = 333° (acidic DMF), -33.6° (0.1N MeOH/HCl);

insoluble in H₂O at pH 6-7, at pH 2 or pH 11, 0.001 g/100 ml; soluble in DMF (0.2 - 0.4 g/100 ml), DMSO (3-4 g/100 ml); LD₅₀ (mus ip) = 88 mg/kg, (mus iv) = 4 mg/kg. *Pharmacia & Upjohn, Inc.*; *Apothecon*; *Bristol-Myers Squibb Co.*

3633 Azaconazole

60207-31-0 262-102-3

$C_{12}H_{11}Cl_2N_3O_2$

1-[(2-(2,4-Dichlorophenyl)-1,3-dioxolan-2-yl)methyl]-1H-1,2,4-triazole.

Azoconazole; R-28644. Antifungal. *Janssen Pharmaceutical, Belgium*.

3634 Azaserine

115-02-6 932 204-061-6

$C_5H_7N_3O_4$

L-Serine diazoacetate (ester).

Cl-337; CN-15,757; P-165; NSC-742. Antifungal. mp = 146-162° (dec); [α]_D^{27.5} = -0.5° (c = 8.46 H₂O at pH 5.18);

λ_m = 250.5 nm (E_{1 cm}^{1%} = 1140 pH 7), 252 nm (E_{1 cm}^{1%} = 1230 0.1N NaOH); soluble in H₂O; slightly soluble in EtOH, MeOH, Me₂CO; LD₅₀ (mus orl) = 150 mg/kg, (rat orl) = 170 mg/kg. *Parke-Davis*.

3635 Basifungin

127785-64-2

$C_{60}H_{92}N_8O_{11}$

N-[(2R,3R)-2-Hydroxy-3-methylvaleryl]-N-methyl-L-valyl-L-phenylalanyl-N-methyl-L-phenylalanyl-L-prolyl-L-alloisoleucyl-N-methyl-L-valyl-L-leucyl-3-hydroxy-N-

methyl-L-valine α₁-lactone.

LY-295337; NK-204; R106-1. Antifungal. *Eli Lilly & Co.*

3636 Becliconazole

112893-26-2

$C_{18}H_{12}Cl_2N_2O$

(±)-1-[o-Chloro-α-(5-chloro-2-benzofuranyl)benzyl]imidazole.

Antifungal agent.

3637 Bifonazole

60628-96-8 1260 262-336-6

$C_{22}H_{18}N_2$

(±)-1-(p,α-Diphenylbenzyl)imidazole.

Mycospor; Bay h 4502; Amycor; Azolmen; Bedriol; Mycosporan. Antifungal. mp = 142°; soluble in EtOPH,

MeOH, DMF, DMSO, H₂O (0.1 mg/100 ml at pH 6);

LD₅₀ (mus orl) = 2629 mg/kgm (rat orl) = 2854 mg/kg.

Bayer AG.

3638 Biphenamine

3572-52-9 1275 222-686-2

$C_{19}H_{23}NO_3$

2-(Diethylamino)ethyl-2-hydroxy-3-biphenylcarboxylate. xenysalate. Local anesthetic, antibacterial and antifungal.

Oily liquid; soluble in H₂O. *Wallace Labs*.

3639 Biphenamine Hydrochloride

5560-62-3 1275 226-930-9

$C_{19}H_{24}ClNO_3$

2-(Diethylamino)ethyl-2-hydroxy-3-biphenylcarboxylate hydrochloride.

Sebaclen; Sebaklen; component of: Alvinine Shampoo. Local anesthetic, antibacterial and antifungal. *Wallace Labs*.

3640 Bispyrithione Magsulfex

67182-81-4

$C_{10}H_8MgN_2O_6S_3 \cdot 3H_2O$

(2,2'-Dithiopyridine 1,1'-dioxide)sulfatomagnesium trihydrate.

Omagine MDS. Antifungal. *Olin Research Ctr.*

3641 Blastomycin

1362-89-6

Antifungal agent.

3642 Bromosalicylchloranilide

3679-64-9 1457 222-957-5

$C_{13}H_9BrClNO_2$

5-Bromo-N-(4-chlorophenyl)-2-hydroxybenzamide.

Multifungin. Antifungal. mp = 238-243°. *Knoll Pharmaceutical Co.*

3643 Buclosamide

575-74-6 1485 209-390-9

$C_{11}H_{14}ClNO_2$

N-Butyl-4-chlorosalicylamide.

Antifungal. mp = 90-92°. *Hoechst*.

3644 Buclosamide combination with Salicylic Acid

75199-98-3 1485

$C_{18}H_{20}ClNO_3$

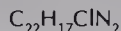
N-Butyl-4-chlorosalicylamide combination with

- o-hydroxybenzoic acid.
Jadit. Antifungal. Hoechst.
- 3645 Butenafine**
101828-21-1 1547
 $C_{23}H_{27}N$
N-(p-tert-Butylbenzyl)-N-methyl-1-naphthalenemethylamine.
Squalene epoxidase inhibitor. Antifungal. *Mitsui Toatsu; Penederm Inc.*
- 3646 Butenafine Hydrochloride**
101827-46-7 1547
 $C_{23}H_{28}ClN$
N-(p-tert-Butylbenzyl)-N-methyl-1-naphthalenemethylamine hydrochloride.
Mentax; KP-363. Squalene epoxidase inhibitor. Antifungal. mp = 200-202°; slightly soluble in H_2O ; very soluble in MeOH, EtOH, CH_2Cl_2 , $CHCl_3$. *Mitsui Toatsu; Penederm Inc.*
- 3647 Butoconazole**
64872-76-0 1561
 $C_{19}H_{17}Cl_3N_2S$
(±)-1-[4-(p-Chlorophenyl)-2-[(2,6-dichlorophenyl)thio]butyl]imidazole.
Topical antifungal. mp = 68-70.5°. *Syntex Labs. Inc.*
- 3648 Butoconazole Nitrate**
64872-77-1 1561
 $C_{19}H_{18}Cl_3N_3O_3S$
(±)-1-[4-(p-Chlorophenyl)-2-[(2,6-dichlorophenyl)thio]butyl]imidazole mononitrate.
Femstat; Gynomyk; RS-35887; RS-35887-00-10-3.
Topical antifungal. mp = 162-163°; LD_{50} (mus orl) > 3200 mg/kg, (mrat orl) > 3200 mg/kg, (frat orl) = 1720 mg/kg, (mus ip) > 1600 mg/kg, (mrat ip) = 940, (frat ip) = 940 mg/kg. *Syntex Labs. Inc.*
- 3649 Calcium Propionate**
4075-81-4 1745 223-795-8
 $C_6H_{10}CaO_4$
Propionic acid calcium salt.
Antifungal. Soluble in H_2O ; slightly soluble in MeOH, EtOH; insoluble in organic solvents.
- 3650 Calcium Undecylenate**
 $C_{22}H_{38}CaO_4$
Undecylenic acid calcium salt.
calcium 10-undecenoate. Antifungal.
- 3651 Candididin**
1403-17-4 1789 215-763-7
Vanobid; Levorin; Candimon; NSC-94219. The major of four components of Candidin is Candididin D (levorin A_2). Topical antifungal. $\lambda_m = 403, 380$ ($E_{1\%}^{1\text{cm}}$ 1150), 360 nm; insoluble in H_2O , most organic solvents; soluble in DMF, DMSO, AcOH; LD_{50} (mus ip) = 14 mg/kg. *Key Pharmaceuticals.*
- 3652 Carbol-Fuchsin**
8052-17-3
Antifungal, applied as a topical solution.
- 3653 Chlordantoin**
5588-20-5 2130 226-995-3
 $C_{11}H_{17}Cl_3N_2O_2S$
5-(1-Ethylpentyl)-3-[(trichloromethyl)thio]hydantoin.
Clodantoin; component of: Sporostacin. Antifungal. *Ortho Pharmaceutical Corp.*
- 3654 Chlormidazole**
3689-76-7 2156 222-998-9
 $C_{15}H_{13}ClN_2$
1-p-Chlorobenzyl-2-methylbenzimidazole.
Clomidazole. Antifungal. [monohydrate]: mp = 67-68°.
- 3655 Chlormidazole Hydrochloride**
74298-63-8 2156 277-804-5
 $C_{15}H_{14}Cl_2N_2$
1-p-Chlorobenzyl-2-methylbenzimidazole hydrochloride.
H-115; Diamyceline; Futrican. Antifungal. mp = 227-228°.
- 3656 Chlorphenesin**
104-29-0 2230 203-192-6
 $C_9H_{11}ClO_3$
3-(4-Chlorophenoxy)-1,2-propanediol.
Adermykon; Mycil. Antifungal. mp = 77-79°; poorly soluble in H_2O (< 1 g/100 ml). *BDH Laboratory Supplies.*
- 3657 Ciclopirox**
29342-05-0 2325 249-577-2
 $C_{12}H_{17}NO_2$
6-Cyclohexyl-1-hydroxy-4-methyl-2-(1H)-pyridone.
Loprox; HOE-296b. Antifungal. mp = 144°. *Hoechst-Roussel Pharmaceuticals Inc.*
- 3658 Ciclopirox Olamine**
41621-49-2 2325 255-464-9
 $C_{14}H_{24}N_2O_3$
6-Cyclohexyl-1-hydroxy-4-methyl-2-(1H)-pyridone compound with 2-aminoethanol (2:1).
Loprox; HOE-296; Batrafen; Brumixol; Ciclochem; Micoxolamina; Mycoster; Terit. Antifungal. LD_{50} (mus orl) = 2858 mg/kg, (rat orl) = 3290 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.*
- 3659 Cilofungin**
79404-91-4
 $C_{49}H_{71}N_7O_{17}$
(4R,5R)-4,5-Dihydroxy-N²-[p-(octyloxy)benzoyl]-L-ornithyl-L-threonyl-trans-4-hydroxy-L-prolyl-(S)-4-hydroxy-4-(p-hydroxyphenyl)-L-threonyl-L-threonyl-(3S,4S)-3-hydroxy-4-methyl-L-proline cyclic (6→1)-peptide.
LY-121019. Antifungal. *Eli Lilly & Co.*
- 3660 Ciconazole**
104456-79-3
 $C_{19}H_{15}F_3N_2OS$
2-(±)-cis-1-[[3-[(2,6-Difluorobenzyl)oxy]-5-fluoro-2,3-dihydrobenzo[b]thien-2-yl)methyl]imidazole.
Sch-35852. Antifungal. *Schering Corp.*
- 3661 Climbazole**
38083-17-9
 $C_{15}H_{17}ClN_2O_2$
1-(p-Chlorophenoxy)-1-imidazol-1-yl-3,3-dimethyl-2-

butanone.
Antifungal agent.

3662 Clotrimazole

23593-75-1 2478 245-764-8



1-(o-Chloro- α,α -di[phenylbenzyl]imidazole.

Femcare; Gyne-Lotrimin; Lotrimin; Lotrimin AF Cream; Lotrimin AF Solution; Lotrimin Jock-Itch Cream; Lotrimin Jock-Itch Lotion; Mycelex; Mycelex 7; Mycelex G; Mycelex OTC; Mycelex Troche; Veltrim; BAY 5907; Canesten; Canifug; Empecid; Monobaycuten; Mycofug; Mycosporin; Pedisafe; Rimazole; Tibatin; Trimysten; component of: Lotrimax, Lotrisone, Otomax. Antifungal. mp = 147-149°; slightly soluble in H_2O , C_6H_6 , C_7H_8 ; soluble in Me_2CO , CHCl_3 , EtOAc, DMF; LD₅₀ (mmus orl) = 923 mg/kg, (rat orl) = 708 mg/kg; [hydrochloride]: mp = 159°. Schering-Plough HealthCare Products; Schering Corp.; Lemmon Co.; Bayer AG; Bayer Animal Health; Key Pharmaceuticals; C.M. Industries.

3663 Cloxyquin

130-16-5 2483 204-978-1



5-Chloro-8-quinolol.

Chlorisep. Antibacterial and antifungal. mp = 130°; sparingly soluble in cold dilute HCl; [hydrochloride]: mp = 256-258°.

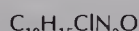
3664 Coparaffinate

8001-60-3 2582

isopar. A mixture of H_2O -insoluble isoparaffinic acids partially neutralized with hydroxybenzyl dialiphatic amines. Marketed as a 17% ointment with 4% TiO_2 in an ointment base. Antifungal. d = 0.970 - 0.980; immiscible with H_2O , soluble in EtOH.

3665 Croconazole

77175-51-0 2429



[1-[1-[o-[(m-Chlorobenzyl)oxy]phenyl]vinyl]imidazole. croconazole. Antifungal. mp = 72-73°; soluble in EtOAc. Shionogi & Co., Ltd.

3666 Croconazole Monohydrochloride

77174-66-4 2429

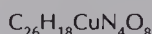


[1-[1-[o-[(m-Chlorobenzyl)oxy]phenyl]vinyl]imidazole hydrochloride.

croconazole hydrochloride; 710674-S; Pilzcin. Antifungal. mp = 148.5-150°; LD₅₀ (rat sc) = 7000 mg/kg, (rat orl) = 2500 mg/kg. Shionogi & Co., Ltd.

3667 Cuprimyxin

28069-65-0



Bis(6-methoxy-1-phenazinol 5,10-dioxidato)copper.

Unitop; Ro-7-4488/1. Antifungal. Hoffmann-LaRoche Inc.

3668 Democonazole

70161-09-0



(E)-1-[2,4-Dichloro- β -[2-(p-chlorophenoxy)ethoxy]styryl]imidazole.

Antifungal agent.

3669 Denofungin

11056-13-6

U-28009. Antibiotic produced by *Streptomyces hygroscopicus* variant. Antibacterial and antifungal. Pharmacia & Upjohn, Inc.

3670 Dermostatin

11120-15-3 2960



Dermostatin B.

Virdofulvin, Dermastatin. Antifungal. Mixture of dermostatin A (43%) and dermostatin B (57%). Sinters at 180°, darkens at 200°; $[\alpha]_D = -82^\circ$ (c = 0.2 MeOH); $\lambda_m = 383, 282, 223 \text{ nm}$ ($\epsilon_{1\text{ cm}}^{1\%}$ 1000, 212, 130); soluble in aq. MeOH; [acetate]: mp = 146-147°; $[\alpha]_D^{23} = -59.8^\circ$ (c = 1.37 CHCl_3).

3671 Diamthazole Dihydrochloride

136-96-9 3033 205-270-5



6-(2-Diethylaminoethoxy)-2-dimethylaminobenzothiazole dihydrochloride.

Dimazole dihydrochloride; Asterol dihydrochloride; Atelor; Ro-2-2453. Antifungal. mp = 240-243°; freely soluble in H_2O , MeOH, EtOH. Hoffmann-LaRoche Inc.

3672 Dipyrithione

3696-28-4 223-024-5



2,2'-Dithiopyridine 1,1'-dioxide.

OMDS. Antibacterial and antifungal. mp = 205°.

3673 Doconazole

59831-63-9



cis-1-[[4-[[4-Biphenyloxy)methyl]-2-(2,4-dichlorophenyl)-1,3-dioxolan-2-yl]methyl]imidazole.

R-34000. Antifungal. Janssen Pharmaceutical, Belgium.

3674 Ebselen

60940-34-3



2-Phenyl-1,2-benzisoselenazolin-3-one.

Antifungal, antioxidant.

3675 Econazole

27220-47-9 3550 248-341-6

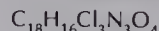


1-[2,4-Dichloro- β -[(p-chlorobenzyl)oxy]-phenethyl]imidazole.

Antifungal. mp = 86.8°. Janssen Pharmaceutical, Belgium; C.M. Industries.

3676 Econazole Nitrate

24169-02-6 3550 246-053-5



1-[2,4-Dichloro- β -[(p-chlorobenzyl)oxy]-phenethyl]imidazole nitrate.

R-14827; Epi-Pevaryl; Gyno-Pevaryl; Ifenec; Micofugal; Micogin; Palavale; Pargin; Pevaryl; Spectazole.

Antifungal. mp = 162°; slightly soluble in H_2O , common organic solvents; LD₅₀ (mus orl) = 462.7 mg/kg, (rat orl) =

667.7 mg/kg. Janssen Pharmaceutical, Belgium.

3677 Econazole Nitrate (±)

68797-31-9 3550 272-295-6



(±)-1-[2,4-Dichloro-β-[(p-chlorobenzyl)oxy]phenethyl]imidazole nitrate. Ecostatin; Spectazole; SQ-13050. Antifungal. Bristol-Myers Squibb Co.; Ortho Pharmaceutical Corp.; C.M. Industries.

3678 Enilconazole

35554-44-0 3622 252-615-0



(±)-1-[β-(Allyloxy)-2,4-dichlorophenethyl]imidazole. R-23979; imazalil; Clinafarm; Imaverol. Antifungal. Insoluble in H_2O , slightly soluble in organic solvents. Janssen Pharmaceutical, Belgium.

3679 Ethonam Nitrate

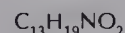
15037-55-5



Ethyl 1-(1,2,3,4-tetrahydro-1-naphthyl)imidazole-5-carboxylate mononitrate. R-10.100. Antifungal. Janssen Pharmaceutical, Belgium.

3680 Exalamide

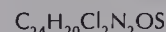
53370-90-4 3955 258-504-3



o-(Hexyloxy)benzamide. Antifungal.

3681 Fenticonazole

72479-26-6 4047



(±)-1-[2,4-Dichloro-β-[[p-(phenylthio)benzyl]oxy]phenethyl]imidazole. Antifungal. Recordati Industria Chimica.

3682 Fenticonazole Nitrate

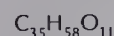
73151-29-8 4047 277-302-6



(±)-1-[2,4-Dichloro-β-[[p-(phenylthio)benzyl]oxy]phenethyl]imidazole mononitrate. Rec-15/1476; Falvin; Fentiderm; Lomexin. Antifungal. mp = 136°; λ_m = 252 nm (ϵ 13894); soluble in H_2O (< 0.01 g/100 ml), Et_2O (< 0.01 g/100 ml), EtOH (3 g/100 ml), MeOH (10 g/100 ml), CHCl_3 (30 g/100 ml), DMF (60 g/100 ml); LD₅₀ (mus ip) = 1191 mg/kg, (mrat ip) = 440 mg/kg, (frat ip) = 309 mg/kg, (mus, rat orl) > 3000 mg/kg. Recordati Industria Chimica.

3683 Filipin

11078-21-0 4123

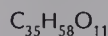


4,6,8,10,12,14,16,27-Octahydroxy-3-(1-hydroxyethyl)-17,28-dimethyloxacyclooctacos-17,19,21,23,25-pentaen-2-one. U-5956; NSC-3364. Polyene, antibiotic complex containing mainly Filipin II, Filipin III and Filipin IV. Antifungal. mp = 195-205°; $[\alpha]_D^{22}$ = -148.3° (c = 0.89 MeOH); λ_m = 322, 338, 355 nm ($E_{1\text{ cm}}^{1\%}$ 910, 1360, 1330 MeOH); freely soluble in DMG, $\text{C}_5\text{H}_5\text{N}$; soluble in MeOH, EtOH, BuOH, iPrOH, Et_2O , AcOH; insoluble in

H_2O , CHCl_3 .

3684 Filipin III

480-49-9 4123



4,6,8,10,12,14,16,27-Octahydroxy-3-(1-hydroxyethyl)-17,28-dimethyloxacyclooctacos-17,19,21,23,25-pentaen-2-one. 15-deoxylagosin. Major constituent of Filipin; isomeric with Filipin IV. Antifungal. mp = 163-180°; $[\alpha]_D^{25}$ = -245° (c = 0.8 DMF); λ_m = 243, 308, 321, 337, 354 nm ($E_{1\text{ cm}}^{1\%}$ 62, 413, 851, 1368, 1343, MeOH).

3685 Fluconazole

86386-73-4 4158



2,4-Difluoro-α,α-bis(1H-1,2,4-triazol-1-ylmethyl)benzyl alcohol. Diflucan; UK-49858; Biozolene; Elazor; Triflucan. Antifungal. mp = 138-140°. Roerig Div., Pfizer Pharmaceuticals.

3686 Flucytosine

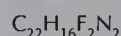
2022-85-7 4161 217-968-7



5-Fluorocytosine. Ancobon; Ro-2-9915; Ancotil; Alcobon. Antifungal. mp = 295-297°; λ_m = 285 nm (ϵ 8900 0.1N HCl); soluble in H_2O (1.5 g/100 ml at 25°); LD₅₀ (mus orl, sc) > 2000 mg/kg, (mus ip) = 1190 mg/kg, (mus iv) = 500 mg/kg. Hoffmann-LaRoche Inc.

3687 Flutrimazole

119006-77-8 4247



1-[o-Fluoro-α-(p-fluorophenyl)-α-phenylbenzyl]-imidazole.

UR-4056. Antifungal. mp = 164-167°, 161-163°; LD₅₀ (mmus orl) > 1000 mg/kg, (mmus ip) > 2000 mg/kg, (fms orl) > 1000 mg/kg, (fms ip) > 2000 mg/kg, (mrat orl) = 808 mg/kg, (mrat ip) = 1079 mg/kg, (frat orl) = 1214 mg/kg, (frat ip) = 1446 mg/kg. Uriach.

3688 Fungichromin

6834-98-6 4312 229-913-4



15-Hydroxyfilipin III.

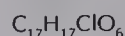
Antibiotic A 246; cogomycin; lagosin; pentamycin; Cantricin. Polyene macrolide antibiotic, related to Filipin. Antifungal. mp = 157-162°; $[\alpha]_D^{20}$ = -227.7° (c = 0.53 DMF); λ_m = 357, 338, 322 nm ($E_{1\text{ cm}}^{1\%}$ 1231, 1250, 786, MeOH); LD₅₀ (mus orl) = 1624 mg/kg, (mus ip) = 33.3 mg/kg.

3689 Fungimycin

1404-87-1 NC-1968; WX-2412. Antibiotic produced by *Streptomyces coelicolor* var. *aminopholus*. Antifungal. Parke-Davis.

3690 Griseofulvin

126-07-8 4571 204-767-4



7-Chloro-2',4,6-trimethoxy-6'β-methylspiro[benzofuran-

2(3H),1'-[2]cyclohexene]-3,4'-dione.

Fulvicin Bolus; Fulvicin-P/G; Fulvicin-U/F; Grifulvin V; Grisactin; Gris-PEG; Fulvidex; Grysio; amudane; Curling factor; Fulcin; Fulvicin; Grifulvin; Grisefulin; Grisovin; Lamoryl; Likuden; Neo-Fulcin; Polygris; Poncyl-FP; Spirofulvin; Sporostatin. Antifungal. mp = 220°; $[\alpha]_D^{17} = 370^\circ$ (CHCl₃, saturated); $\lambda_m = 286, 325$ nm; soluble in DMF (12-14 g/100 ml); slightly soluble in MeOH, EtOH, Me₂CO, C₆H₆, CHCl₃, EtOAc, AcOH; insoluble in H₂O, petroleum ether. Schering-Plough Animal Health; Schering Corp.; Ortho Pharmaceutical Corp.; Wyeth-Ayerst Labs.; Allergan Herbert.

3691 Hachimycin

1394-02-1 4616

Trichomycin; Cabimicina; Trichonat. Antibiotic produced by *Streptomyces hachijoensis*. Antifungal and antiprotozoal. Yellow crystals; forms a water-soluble sodium salt; LD₅₀ (mus ip) = 5 mg/kg.

3692 Halethazole

15599-36-7 4622

C₁₉H₂₁ClN₂OS
5-Chloro-2-[p-(2-diethylaminoethoxy)-phenyl]benzothiazole.
halethazole; Episol. Antiseptic and antifungal. mp = 93-94°; [citrate]: mp = 167°. Crookes Healthcare Ltd.

3693 Hamycin

1403-71-0 4641

Primamycin. Antibiotic produced by *Streptomyces pimprina*. Antifungal. Dec 160°; $[\alpha]_D^{25} = 216^\circ$; $\lambda_m = 383$ nm ($E_{1\text{ cm}}^{1\%}$ 916 MeOH); soluble in C₅H₅N, collidine; insoluble in H₂O and other organic solvents; LD₅₀ (mus iv) = 6.16 mg/kg, 1.20 mg/kg; [Hamycin A]: mp > 300°; $[\alpha]_D^{24} = 181.1^\circ$ (c = 0.6 DMF); $\lambda_m = 380$ nm ($E_{1\text{ cm}}^{1\%}$ 989). Hindustan Antibiotics Ltd.

3694 Hexetidine

141-94-6 4741 205-513-5

C₂₁H₄₅N₃
5-Amino-1,3-bis(2-ethylhexyl)hexahydro-5-methylpyrimidine.
Sterisil; Glypesin; Hexigel; Hexocil; Hexoral; Hextril; Oraldene; Steri/Sol. Antifungal. Liquid; $d_{20}^{20} = 0.8889$; bp_{0.4} = 160°; soluble in petroleum Et₂O, MeOH, C₆H₆, Me₂CO, EtOH, C₆H₁₄, CHCl₃. Parke-Davis.

3695 Isoconazole

27523-40-6 5176 248-508-3

C₁₈H₁₄Cl₄N₂O
1-[2,4-Dichloro-β-[(2,6-dichlorobenzyl)oxy]-phenethyl]imidazole.
Antibacterial and antifungal. Janssen Pharmaceutical, Belgium; C.M. Industries.

3696 Isoconazole Nitrate

24168-96-5 5176 246-051-4

C₁₈H₁₅Cl₄N₃O₄
1-[2,4-Dichloro-β-[(2,6-dichlorobenzyl)oxy]-phenethyl]imidazole nitrate.
R-15454; Fazol; Gyno-Travogen; Travogen; Travogyn. Antibacterial and antifungal. mp = 182-183°. Janssen Pharmaceutical, Belgium; C.M. Industries.

3697 Itraconazole

84625-61-6 5262

C₃₅H₃₈Cl₂N₈O₄
(±)-1-sec-Butyl-4-p-[4-[p-[(2R*,4S*)-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]phenyl]-Δ²-1,2,4-triazolin-5-one.
Sporanox; oriconazole; R-51211; Itrizole; Triasporin. Antifungal. mp = 166.2°; insoluble in H₂O; LD₅₀ (14 day) (mus orl) > 320 mg/kg, (rat orl) > 320 mg/kg, (dog orl) > 200 mg/kg. Janssen Pharmaceutical, Belgium.

3698 Kalafungin

11048-15-0

C₁₆H₁₂O₆
3,3a,5,11b-Tetrahydro-7-hydroxy-5-methyl-2H-furo[3,2-b]naphtho[2,3-d]pyran-2,6,11-trione.
U-19718; NSC-137443. Antibiotic produced by *Streptomyces tanashiensis* strain kala. Antifungal.

3699 Ketoconazole

65277-42-1 5313 265-667-4

C₂₆H₂₈Cl₂N₄O₄
(±)-cis-1-Acetyl-4-[p-[[2-(2,4-dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazine.
Nizoral, R-41400; Ketoisdin; Fungarest; Fungoral; Ketoderm; Orifungal M; Panfungol. Antifungal. mp = 146°; LD₅₀ (mus iv) = 44 mg/kg, (mus orl) = 702 mg/kg, (rat iv) = 86 mg/kg, (rat orl) = 227 mg/kg, (gpg iv) = 28 mg/kg, (gpg orl) = 202 mg/kg, (dog iv) = 49 mg/kg, (dog orl) = 780 mg/kg. Janssen Pharmaceutical, Belgium.

3700 Lanoconazole

101530-10-3 5370

C₁₄H₁₀ClN₃S₂
(±)-α-[(E)-4-(o-Chlorophenyl)-1,3-dithiolan-2-ylidene]imidazole-1-acetonitrile.
latoconazole; TJN-318; NND-318; Astat. Antifungal. mp = 141.5°; LD₅₀ (mmus orl) = 3224 mg/kg, (mmus ip) = 2158 mg/kg, (fmus orl) = 2715 mg/kg, (fmus ip) = 1743 mg/kg, (mrat orl) = 993 mg/kg, (mrat ip) = 1655 mg/kg, (frat orl) = 652 mg/kg, (frat ip) = 2596 mg/kg, mus, rat sc > 5000 mg/kg. Nihon Nohyaku.

3701 Loflucarban

790-69-2 5589 212-336-7

C₁₃H₉Cl₂FN₂S
3,5-Dichloro-4'-fluorothiocarbanilide.
Fluonilid. Antifungal. mp = 148°; soluble in ethyl oleate, isopropyl myristate. Madan.

3702 Lomofungin

26786-84-5

C₁₅H₁₀N₂O₆
Methyl 6-formyl-4,7,9-trihydroxy-1-phenazinecarboxylate.
Antibiotic produced by *Streptomyces lomonodensis* var. *lomondensis*. Antifungal.

3703 Lucensomycin

13058-67-8 5621 235-950-7

C₃₆H₅₃NO₁₃
lucimycin; Antibiotic FI 1163; FI-1163; Etruscomicina; Etruscomycin. Antibiotic produced by *Streptomyces*

lucensis. Antifungal. $[\alpha]_D^{20} = 296^\circ$ (C_5H_5N), 50° (MeOH - 0.1N HCl); $\lambda_m = 218, 278, 290, 303, 318$ nm ($E_{1\text{ cm}}^{1\%}$ 300, 370, 780, 1170, 1098); insoluble in H_2O , EtOH, non-polar solvents; soluble in C_5H_5N , DMF; LD_{50} (mus orl) = 1163 mg/kg. *Farmitalia*.

3704 Lydimycin

10118-85-1

$C_{10}H_{14}N_2O_5$

5-(Hexahydro)-2-oxo-1H-thieno[3,4-d]imidazol-4-yl-2-pentenoic acid.

U-15965. Antibiotic produced by *Streptomyces lydicus*. Antifungal.

3705 Mepartricin

11121-32-7

5891

mixture ($\cong$ 1:1) of mepartricin A and mepartricin B; SPA-S-160; SN-654; Patricin methyl ester; methylpartricin; Ipertofan; Orofungin; Tricandil; Tricangine. Antifungal and antiprotozoal; also used to treat benign prostatic hypertrophy. $\lambda_m = 401, 378, 359, 340$ nm; slightly soluble in H_2O , Et_2O , C_6H_6 , petroleum ether; soluble in ROH, C_5H_5N , DMF, DMSO, Me_2CO ; LD_{50} (mus orl) > 2000 mg/kg, (mus ip) = 200 mg/kg.

3706 Mepartricin A

62534-68-3

5891

$C_{60}H_{88}N_2O_{10}$

40-Demethyl-3,7-dideoxo-3,7-dihydroxy-N⁴⁷-methyl-5-oxocandicidin D methyl ester cyclic 15,19-hemiacetal gedamycin methyl ester.

Antifungal and antiprotozoal; also used to treat benign prostatic hypertrophy. mp = 145-149° (dec); $\lambda_m = 400, 377, 357, 339, 287, 240, 234, 204$ nm (ϵ 79326, 92454, 68094, 51685, 14199, 24612, 26505, 16092 MeOH).

3707 Mepartricin B

62534-69-4

5891

$C_{59}H_{86}N_2O_{19}$

SPA-S-222 [as sodium lauryl sulfate complex]; Montricin [as sodium lauryl sulfate complex]. Antifungal and antiprotozoal; also used to treat benign prostatic hypertrophy. mp = 154-158°; λ_m 402, 379, 359, 340, 285, 233, 204 nm (ϵ 81101, 94729, 64171, 41558, 16196, 23835, 21696, MeOH).

3708 Mercurobutol

498-73-7

207-869-7

$C_{10}H_{13}ClHgO$

4-tert-Butyl-2-chloromercuriphenol.

Antifungal. Antifungal agent.

3709 Metacresol

108-39-4

2645

203-577-9

C_7H_8O

3-Hydroxytoluene.

3-methylphenol. Topical antiseptic and antifungal. $d_4^{20} = 1.034$; mp = 11-12°; bp = 202°; soluble in H_2O (2.5 g/100 ml), EtOH, $CHCl_3$, Et_2O ; LD_{50} (rat orl) = 2020 mg/kg.

3710 Metipirox

29342-02-7

$C_7H_9NO_2$

1-Hydroxy-4,6-dimethyl-2(1H)-pyridone.

Antimycotic pyridone derivative.

3711 Miconazole

22916-47-8

6266

245-324-5

$C_{18}H_{14}Cl_4N_2O$

1-[2,4-Dichloro- β -(2,4-dichlorobenzyl)oxy]phenethyl]imidazole.

Monistat IV. Antifungal. *Janssen Pharmaceutical, Belgium; C.M. Industries*.

3712 Miconazole Nitrate

22832-87-7

6266

245-256-6

$C_{18}H_{15}Cl_4N_3O_4$

1-[2,4-Dichloro- β -(2,4-dichlorobenzyl)oxy]phenethyl]imidazole nitrate.

R-14889; Antifungal Cream; Lotrimin AF Powder; Lotrimin AF Powder Aerosol; Lotrimin AF Spray Liquid; Loptrimin AF Jock-Itch Powder Aerosol; Micatin; Monistat Cream and Suppositories; Monistat-Derm; Zeasorb-AF; Aflorix; Albistat; Andergin; Brentan; Conoderm; Conofite; Daktar; Daktarin; Deralbine; Dermonistat; Epi-Monistat; Florid; Fungiderm; Fungisidin; Gyno-Daktarin; Gyno-Monistat; Miconal; Ecobi; Micotef; Monistat; Prilagin; Vodol. Antifungal. mp = 170.5, 184-185°; [(+)-form nitrate]: mp = 135.3°; $[\alpha]_D^{20} = 59^\circ$ (MeOH); [(-)-form nitrate]: mp = 135°; $[\alpha]_D^{20} = -58^\circ$ (MeOH). *Carrington Labs., Inc.; Janssen Pharmaceutical, Belgium; Lemmon Co.; Schering-Plough HealthCare Products; Ortho Pharmaceutical Corp.; Stiefel Labs., Inc.; C.M. Industries*.

3713 Monensin

17090-79-8

6329

241-154-0

$C_{36}H_{62}O_{11}$

2-[2-Ethyl-octahydro-3'-methyl-5'-[tetrahydro-6-hydroxy-6-(hydroxymethyl)-3,5-dimethyl-2H-pyran-2-yl][2,2'-bifuran-5-yl]]-9-hydroxy- β -methoxy- $\alpha,\sigma,2,8$ -tetramethyl-1,6-dioxaspiro[4.5]decan-7-butanoic acid.

A-3823A; 63714; monensic acid. Antibiotic produced by *Streptomyces cinnamonensis*. Antifungal, antibiotic and antiprotozoal. mp = 103-105°; $[\alpha]_D = 47.7^\circ$; slightly soluble in H_2O , more soluble in hydrocarbons, very soluble in organic solvents; LD_{50} (mus orl) = 43.8 $\pm$ 5.2 mg/kg, (chicks orl) = 284 $\pm$ 47 mg/kg. *Eli Lilly & Co.*

3714 Monensin Sodium

22373-78-0

6329

244-941-7

$C_{36}H_{61}NaO_{11}$

Sodium 2-[2-ethyl-octahydro-3'-methyl-5'-[tetrahydro-6-hydroxy-6-(hydroxymethyl)-3,5-dimethyl-2H-pyran-2-yl][2,2'-bifuran-5-yl]]-9-hydroxy- β -methoxy- $\alpha,\sigma,2,8$ -tetramethyl-1,6-dioxaspiro[4.5]decan-7-butanoate.

Rumensin; Romensin; Coban. Antibiotic produced by *Streptomyces cinnamonensis*. Antifungal, antibiotic and antiprotozoal. mp = 267-269°; $[\alpha]_D = 57.3^\circ$; slightly soluble in H_2O , more soluble in hydrocarbons, very soluble in organic solvents. *Eli Lilly & Co.*

3715 Naftifine

65472-88-0

6442

$C_{21}H_{21}N$

(E)-N-Cinnamyl-N-methyl-1-naphthalenemethylamine.

Exoderil; Naftin; Naftifungin. Antifungal. bp_{0.015} = 162-167°. *Sandoz Pharmaceuticals Corp.; Allergan Herbert;*

C.M. Industries.

3716 Naftifine Hydrochloride

65473-14-5 6442

 $C_{21}H_{22}ClN$

(E)-N-Cinnamyl-N-methyl-1-naphthalenemethylamine hydrochloride.

AW-105-843; SN-105-843; Exoderil; Naftin. Antifungal. mp = 177°. Sandoz Pharmaceuticals Corp.; Allergan Herbert; C.M. Industries.

3717 Natamycin

7681-93-8 6513 231-683-5

 $C_{33}H_{47}NO_{13}$

22-[(3-Amino-3,6-dideoxy-β-D-mannopyranosyl)oxy]-1,3,26-trihydroxy-12-methyl-10-oxo-6,11,28-

trioxatricyclo[22.3.1.0^{5,7}]-octacos-8,14,16,18,20-pentaene-25-carboxylic acid.Natacyn; CL-12625; Antibiotic A-5283; Pimaricin; tennecetin; Mycophyt; Myuprozone; Pimafucin; Synogil. Antifungal. Dec 280-300°; $[\alpha]_D^{20} = 278^\circ$ (c = 1 AcOH); $\lambda_m = 220, 280, 290, 303, 318$ nm (ε 21300, 26630, 52930, 83220, 76230, MeOH/AcOH); insoluble in most organic solvents; LD₅₀ (mrat orl) = 2730 mg/kg, (frat orl) = 4670 mg/kg. American Cyanamid; Alcon Labs.**3718 Neomycin Undecylenate**

1406-04-8 6543 215-793-0

Neomycin undecenate.

component of: Otalgine. Antibacterial and antifungal. Penick; Purdue Pharma L.P.

3719 Neticonazole

130726-68-0

 $C_{17}H_{22}N_2OS$

(E)-1-[(2-(Methylthio)-1-[o-(pentyloxy)phenyl]vinyl]-imidazole.

SS-717. Antifungal.

3720 Nifuratel

4936-47-4 6623 225-576-2

 $C_{10}H_{11}N_3O_5S$

5-[(Methylthio)methyl]-3-[(5-nitrofurfurylidene)amino]-2-oxazolidinone.

Macmiror; Magmilor; Pilmiror; Tydantil; methylmercadone; Inimur; Omnes. Antibacterial, antiprotozoal and antifungal. mp = 182°. Polichimica Sap.

3721 Nifurmerone

5579-95-3

 $C_6H_4ClNO_4$

Chloromethyl 5-nitro-2-furyl ketone.

NF-71. Antifungal.

3722 Nitralamine

71872-90-7

 $C_{10}H_{13}ClN_2O_2S$

2-[o-Chloro-α-(nitromethyl)benzyl]thio]ethylamine. Antifungal. Searle, G.D., & Co.

3723 Nitralamine Hydrochloride

1432-75-3

 $C_{10}H_{14}Cl_2N_2O_2S$

2-[o-Chloro-α-(nitromethyl)benzyl]thio]ethylamine monohydrochloride.

SC-12350. Antifungal. Searle, G.D., & Co.

3724 Nystatin1400-61-9 6834 215-749-0
Mycostatin; Mycostatin Pastilles; Nystex; O-V Statin; Fungicidin; Biofanal; Diastatin; Candex; Candio-Hermal; Moronal; Nystavescent; component of: Mycolog II, Myco-Triacet II, Mytrex, Nystaform, Nystaform HC, Panolog Cream, Terrastatin. Mixture of Nystatin A₁, A₃ and A₃, biologically active polyene antibiotics. Antifungal. Dec 250°; $[\alpha]_D^{25} = -10^\circ$ (AcOH), 21° (C₅H₅N), 12° (DMF), -7° (0.1N HCl/EtOH); $\lambda_m = 290, 307, 322$ nm; soluble in H₂O (0.4 g/100 ml), MeOH (1.12 g/100 ml), EtOH (0.12 g/100 ml), CCl₄ (0.123 g/100 ml), CHCl₃ (0.048 g/100 ml), C₆H₆ (0.028 g/100 ml), ethylene glycol (0.875 g/100 ml); LD₅₀ (mus ip) ≅ 200 mg/kg. Lederle Labs.; Apoteco; Bristol-Myers Oncology; Bristol-Myers Squibb Co.; Lemmon Co.; Savage Labs.; Bayer AG; Solvay Animal Health, Inc.; Pfizer Inc.**3725 Nystatin A₁**

34786-70-4 6834

 $C_{46}H_{75}NO_{17}$

Major component of Nystatin. Antifungal. Lederle Labs.; Apoteco; Bristol-Myers Oncology; Bristol-Myers Squibb Co.; Lemmon Co.; Savage Labs.; Bayer AG; Solvay Animal Health, Inc.; Pfizer Inc.

3726 Octanoic Acid

124-07-2 1808 204-677-5

 $C_8H_{16}O_2$

n-Octanoic acid.

caprylic acid. Antifungal. mp = 6.7°; bp = 239.7°; $d_4^{20} = 0.910$; slightly soluble in H₂O (0.068 g/100 ml); freely soluble in EtOH, CHCl₃, Et₂O, CS₂, AcOH, petroleum ether; LD₅₀ (rat orl) = 10080 mg/kg. Crookes Healthcare Ltd.; Standard Oil Co., Indiana.**3727 Oligomycin A**

579-13-5 6970 209-437-3

 $C_{45}H_{74}O_{11}$ One of four major components of the macrolide antibiotic complex produced by *Streptomyces diastatochromogenes*. Possibly antifungal. mp = 140-141° and 150-151°; $\lambda_m = 225$ nm (ε 20,000 EtOH); soluble in H₂O (0.002 g/100 ml), Et₂O (28 g/100 ml), C₆H₆ (6 g/100 ml), petroleum ether (0.02 g/100 ml), EtOH (25 g/100 ml), AcOH (37.5 g/100 ml), Me₂CO (85 g/100 ml). Wisconsin Alumni Research Foundation.**3728 Oligomycin B**

11050-94-5 6970 234-275-5

 $C_{45}H_{72}O_{12}$ 28-oxooligomycin A. One of four major components of the macrolide antibiotic complex produced by *Streptomyces diastatochromogenes*. Possibly antifungal. Wisconsin Alumni Research Foundation.**3729 Oligomycin C**

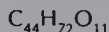
11052-72-5 6970 234-276-0

 $C_{45}H_{74}O_{10}$ 12-deoxyoligomycin A. One of four major components of the macrolide antibiotic complex produced by *Streptomyces diastatochromogenes*. Possibly antifungal.

Wisconsin Alumni Research Foundation.

3730 Oligomycin D

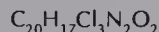
1404-59-7 6970



26-demethyloligomycin A; rutamycin; A-272; RR-32705. One of four major components of the macrolide antibiotic complex produced by *Streptomyces diastatochromogenes*. Antifungal. mp = 116-119°; $[\alpha]_{\text{D}}^{20} = -62^\circ$ (c = 1.36 CHCl_3). Wisconsin Alumni Research Foundation.

3731 Omoconazole

74512-12-2 6978



(Z)-1-[2,4-Dichloro-β-[2-(p-chlorophenoxy)ethoxy]-α-methylstyryl]imidazole. CM-8282. Antifungal. mp = 89-90°. Siegfried AG.

3732 Omoconazole Nitrate

83621-06-1 6978



(Z)-1-[2,4-Dichloro-β-[2-(p-chlorophenoxy)ethoxy]-α-methylstyryl]imidazole mononitrate. 10 80 07; Sgd-12878; Fangorex; Fongarex. Antifungal. mp = 118-120°, 122.5°. Siegfried AG.

3733 Orconazole

66778-37-8



(±)-1-[p-Chloro-β-[(2,6-dichlorobenzyl)oxy]-phenethyl]imidazole. Antifungal. Janssen Pharmaceutical, Belgium.

3734 Orconazole Nitrate

66778-38-9



(±)-1-[p-Chloro-β-[(2,6-dichlorobenzyl)oxy]-phenethyl]imidazole mononitrate. R-15556. Antifungal. Janssen Pharmaceutical, Belgium.

3735 Oxiconazole Nitrate

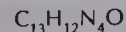
64211-46-7 7071 264-730-3



2',4'-Dichloro-2-imidazol-1-ylacetophenone (Z)-[O-(2,4-dichlorobenzyl)oxime] mononitrate. Oxistat; Sgd-301-76; Ro-13-8996; ST-813; Gyno-Myfungar; Myfungar; Oceral; Oxistat. Antifungal. mp = 137-138°. Glaxo Wellcome, UK; Siegfried AG.

3736 Oxifungin

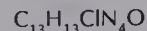
64057-48-3



1,2-Dihydro-3-(phenoxyethyl)pyrido[3,4-e]as-triazine. Antifungal.

3737 Oxifungin Hydrochloride

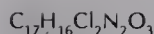
55242-74-5



1,2-Dihydro-3-(phenoxyethyl)pyrido[3,4-e]as-triazine monohydrochloride. EU-3421. Antifungal.

3738 Parconazole

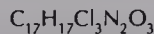
61400-59-7



cis-1-[[2-(2,4-Dichlorophenyl)-4-[(2-propynyloxy)methyl]-1,3-dioxolan-2-yl]methyl]imidazole. Antifungal. Janssen Pharmaceutical, Belgium.

3739 Parconazole Hydrochloride

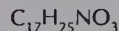
62973-77-7 263-777-7



cis-1-[[2-(2,4-Dichlorophenyl)-4-[(2-propynyloxy)methyl]-1,3-dioxolan-2-yl]methyl]imidazole monohydrochloride. R-39500. Antifungal. Janssen Pharmaceutical, Belgium.

3740 Pecilocin

19504-77-9 7193 243-116-9



[R-(E,E,E)]-1-(8-Hydroxy-6-methyl-1-oxo-2,4,6-dodecatrienyl)-2-pyrrolidone.

Supral; Variotin. Antibiotic obtained from cultures of *Paecylomyces varioti* Banier var. *antibioticus*. Antifungal. $[\alpha]_{\text{D}}^{28} = -5.68^\circ$ (MeOH); freely soluble in MeOH, EtOH, Me_2CO , EtOAc, C_6H_6 , Et_2O , CHCl_3 , $\text{C}_5\text{H}_5\text{N}$, dioxane, AcOH, slightly soluble in H_2O , petroleum ether; $\lambda_{\text{m}} = 318, 324 \text{ nm}$ ($\epsilon_{1\text{ cm}}^{1\%}$ 1198 MeOH); [monohydrate]: mp = 41.5-42.5°; $\lambda_{\text{m}} = 320 \text{ nm}$ (ϵ 46000). Nippon Kayaku.

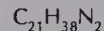
3741 Perimycin

11016-07-2 7310 234-247-2

Aminomycin; fungimycin; WX-2412; NC-1968. Polyene antifungal antibiotic complex isoated from *Streptomyces coelicolo* var. *aminophilus* and containing, as a major component, Perimycin A₁ ($\text{C}_{59}\text{H}_{88}\text{N}_2\text{O}_{17}$). Antifungal. $\lambda_{\text{m}} = 383 \text{ nm}$ ($\epsilon_{1\text{ cm}}^{1\%}$ 1000 MeOH); soluble in aqueous Me_2CO , $\text{C}_5\text{H}_5\text{N}$; THF and dioxane, MeOH, DMF, DMSO; insoluble in H_2O , petroleum ether, EtOAc, C_6H_6 . Warner Lambert.

3742 Pirtenidine

103923-27-9



1,4-Dihydro-1-octyl-4-(octylimino)pyridine.

Used in the treatment of candidiasis. May have use in inhibiting dental plaque. Antimicrobial.

3743 Potash Sulfurated

39365-88-3 7762



Mixture of potassium and sulfides. liver of sulfur; sulfurated potassa; hepar sulfuris. Sulfide source (skin diseases). Decomposes on exposure to air; soluble in H_2O ; slightly soluble in alcohol.

3744 Potassium Iodide

7681-11-0 7809 231-659-4



Iodic acid potassium salt.

Thyro-Block; Jodid; Thyroiod; component of: Mudrane Tablets, Mudrane-2 Tablets, quadrinal. Antifungal and expectorant. mp = 680°, d = 3.12; soluble in H_2O (142 g/100 ml at 25°, 200 g/100 ml at 100°), EtOH (4.5 g/100 ml at 25°, 12.5 g/100 ml at 76°), MeOH (12.5 g/100 ml), Me_2CO (1.3 g/100 ml), glycerol (50 g/100 ml), ethylene glycol (40 g/100 ml). Wallace Labs.; ECR Pharmaceuticals; Knoll Pharmaceutical Co.

3745 Proclonol

14088-71-2 237-934-5
 $C_{16}H_{14}Cl_2O$
 Bis(p-chlorophenyl)cyclopropylmethanol.
 R-8284. Antifungal and anthelmintic. *Janssen Pharmaceutical, Belgium.*

3746 Propionic Acid

79-09-4 8010 201-176-3
 $C_3H_6O_2$
 Propionic acid.
 methylacetic acid; ethylformic acid. Antifungal. mp = -21.5°; bp = 141.1°; miscible with H_2O , soluble in organic solvents; LD₅₀ (rat orl) = 4290 mg/kg. *E. I. Du Pont de Nemours Inc.*

3747 Pyriithione

1121-30-8 8178 214-328-9
 C_5H_5NOS
 1-Hydroxy-2(1H)-pyridinethione.
 PTO; Omadine. Antifungal. *Olin Mathieson; Procter & Gamble Pharmaceuticals, Inc.*

3748 Pyriithione Zinc

13463-41-7 8178 236-671-3
 $C_{10}H_8N_2O_2S_2Zn$
 Bis[1-hydroxy-2(1H)-pyridinethionato]zinc.
 Zinc omadine; Danex; Sebulon Shampoo; ZNP Bar; Zinc pyriithione; Zinc pyridinethione; Desquaman; component of: Head and Shoulders. Antifungal. *Allergan Herbert; Westwood-Squibb Pharmaceuticals, Inc.; Olin Research Ctr.; Stiefel Labs., Inc.*

3749 Pyrrolnitrin

1018-71-9 8202 213-812-7
 $C_{10}H_6Cl_2N_2O_2$
 3-Chloro-4-(3-chloro-2-nitrophenyl)pyrrole.
 52230; NSC-107654; Pyroace; PN. Antifungal. mp = 124.5°; λ_m = 252 nm (ϵ 7500); slightly soluble in H_2O , petroleum ether, C_6H_6 ; soluble in MeOH, EtOH, BuOH, Me_2CO , EtOAc, C_6H_6 , $CHCl_3$, CCl_4 , C_5H_5N , AcOH; LD₅₀ (rat ip) = 68 mg/kg, (rbt ip) = 105 mg/kg. *Eli Lilly & Co.*

3750 Rilopirox

104153-37-9
 $C_{19}H_{16}ClNO_4$
 6-[p-(p-chlorophenoxy)phenoxy)methyl]-1-hydroxy-4-methyl-2(1H)-pyridone.
 Antimycotic hydroxypyridone derivative. Antifungal.

3751 Rutamycin

1404-59-7
 $C_{44}H_{72}O_{11}$
 Oligomycin D; A-272; RR No. 32705; 26-demethyloligomycin A. Antibiotic produced by *Streptomyces rutgersensis*. Antifungal. mp = 140-141° and 150-151°; λ_m = 225 nm (ϵ 20,000 EtOH); soluble in H_2O (0.002 g/100 ml), Et_2O (28 g/100 ml), C_6H_6 (6 g/100 ml), petroleum ether (0.02 g/100 ml), EtOH (25 g/100 ml), AcOH (37.5 g/100 ml), Me_2CO (85 g/100 ml).

3752 Salicylanilide

87-17-2 8482 201-727-8

$C_{13}H_{11}NO_2$
 2-Hydroxy-N-phenylbenzamide.
 Salinidol. Topical antifungal. mp = 135.8-136.2°; slightly soluble in H_2O ; freely soluble in EtOH, Et_2O , $CHCl_3$, C_6H_6 . *Dow Chemical U.S.A.*

3753 Sanguinarium Chloride

5578-73-4
 $C_{20}H_{14}ClNO_4$
 13-Methyl-[1,3]benzodioxolo[5,6-c]-1,3-dioxolo[4,5-l]phenanthridinium chloride.
 Sanguinarine chloride. Antifungal, antiinflammatory and antimicrobial. *Atrix Labs.*

3754 Saperconazole

110588-57-3 8510
 $C_{35}H_{38}F_2N_8O_4$
 (±)-1-sec-Butyl-4-[p-[4-[p-[[[(2R*,4S*)-2-(2,4-difluorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]phenyl]- Δ^2 ,1,2,4-triazolin-5-one.
 R-66905. Antifungal. mp = 189.5°, poorly soluble in H_2O . *Janssen Pharmaceutical, Belgium.*

3755 Scopafungin

11056-18-1
 U-29479; NSC-107041. Antibiotic produced by *Streptomyces hygroscopicus* variant. Antifungal.

3756 Selenium Sulfide

7488-56-4 8580 231-303-8
 SeS_2
 Selenium disulfide.
 Exsel; Seleen; Selsun; Selsun Blue. Antifungal and antiseborrheic. Insoluble in H_2O and in 0.01N HCl; LD₅₀ (rat orl) = 138 mg/kg. *Allergan Herbert; Abbott Labs.; Ross Products.*

3757 Sertaconazole

99592-32-2 8610
 $C_{20}H_{15}Cl_3N_2OS$
 (±)-1-[2,4-Dichloro-β-[(7-chlorobenzo[b]thien-3-yl)piperidino]ethyl]-2-imidazolidinone.
 FI-7045. Antifungal. mp = 146-147°. *Ferrer.*

3758 Sertaconazole Nitrate

99592-39-9 8610
 $C_{20}H_{16}Cl_3N_4O_4S$
 (±)-1-[2,4-Dichloro-β-[(7-chlorobenzo[b]thien-3-yl)piperidino]ethyl]-2-imidazolidinone nitrate.
 FI-7056; Dermofix; Zalain. Antifungal. mp = 158-160°; soluble in EtOH (1.7 g/100 ml), $CHCl_3$ (1.5 g/100 ml); Me_2CO (0.95 g/100 ml), n-octanol (0.069 g/100 ml); insoluble in H_2O ; λ_m = 302.3 nm ($A_{1\text{ cm}}^{1\%}$ 79.8), 292.9, 260.3 nm. *Ferrer.*

3759 Siccanin

22733-60-4 8630
 $C_{22}H_{30}O_3$
 (13aS)-1,2,3,4,4aβ,5,6,6a,11bβ,13bβ-Decahydro-4,4,6aβ,9-tetramethyl[13H-benzo[a]furo[2,3,4-mn]-xanthen-11-ol.
 Tackle. Obtained from the cultured broth of *Helminthosporium siccanis* Drechsler. Antifungal. mp =

139-140°; $[\alpha]_D^{20} = -136^\circ$ ($c = 2$ CHCl_3); $\lambda_m = 210, 285$ nm (ϵ 45690, 171 EtOH); very soluble in CHCl_3 , DMF, C_6H_6 ; soluble in Me_2CO , Et_2O , EtOAc , EtOH ; insoluble in H_2O ; LD_{50} (mus orl) > 6000 mg/kg, (mus sc,ip) > 3000 mg/kg, (rat orl) > 1000 mg/kg, (rat sc,ip) > 600 mg/kg. *Sankyo*.

3760 Sinefungin

58944-73-3

 $\text{C}_{15}\text{H}_{23}\text{N}_7\text{O}_5$ 6,9-Diamino-1-(6-amino-9H-purin-9-yl)-1,5,6,7,8,9-hexadeoxy- β -D-ribosecafuranoic acid.compound 57926. Antibiotic produced by *Streptomyces griseolus*. Antifungal. *Eli Lilly & Co.***3761 Sodium Propionate**

137-40-6

8816

205-290-4

 $\text{C}_3\text{H}_5\text{NaO}_2$

Propionic acid sodium salt, anhydrous.

component of: Prophyllin. Antifungal. Soluble in H_2O (100 g/100 ml at 25°, 153.8 g/100 ml at 100°), EtOH (4.16 g/100 ml at 25°). *Rystan Co., Inc.***3762 Sulbentine**

350-12-9

9061

206-497-2

 $\text{C}_{17}\text{H}_{18}\text{N}_2\text{S}_2$

3,5-Dibenzyltetrahydro-2H-1,3,5-thiadiazine-2-thione.

D 47; Fungiplex; dibenzthione; Refungine. Antifungal. mp = 101-102°.

3763 Sulconazole

61318-90-9

9062

 $\text{C}_{18}\text{H}_{15}\text{Cl}_3\text{N}_2\text{S}$ (±)-1-[2,4-Dichloro- β -[(p-chlorobenzyl)thio]-phenethyl]imidazole.Antifungal. *Syntex Labs. Inc.; C.M. Industries.***3764 Sulconazole Nitrate**

61318-91-0

9062

 $\text{C}_{18}\text{H}_{16}\text{Cl}_3\text{N}_3\text{O}_3\text{S}$ (±)-1-[2,4-Dichloro- β -(p-chlorobenzyl)thio]-phenethyl]imidazole mononitrate.Exelderm; RS-44872; RS-44872-00-10-3; Myk; Sulcosyn. Antifungal. mp = 130.5-132°. *Syntex Labs. Inc.; C.M. Industries.***3765 Tenonitroazole**

3810-35-3

9292

223-282-9

 $\text{C}_8\text{H}_5\text{N}_3\text{O}_3\text{S}_2$

N-(5-Nitro-2-thiazolyl)-2-thiophenecarboxamide.

TC-109; thenitrazole; Atrican; Moniflagon. Antifungal and antiprotozoal. mp = 255-256°. *Chantereau*.**3766 Terbinafine**

91161-71-6

9299

 $\text{C}_{21}\text{H}_{25}\text{N}$

(E)-N-(6,6-Dimethyl-2-hepten-4-ynyl)-N-methyl-1-naphthalenemethylamine.

Lamasil; SF-86-327. Antifungal. [hydrochloride]: mp = 195-198°; LD_{50} (mus orl) = 4000 mg/kg, (mus iv) = 393 mg/kg, (rat orl) = 4000 mg/kg, (rat iv) = 213 mg/kg. *Sandoz Pharmaceuticals Corp.***3767 Terconazole**

67915-31-5

9303

267-751-6

 $\text{C}_{26}\text{H}_{31}\text{Cl}_2\text{N}_5\text{O}_3$

cis-1-[p-[[2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-4-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-4-isopropylpiperazine.

Terazol Cream & Suppositories; Triaconazole; R-42470; Fungistat; Gyno-Terazol; Terazol; Tercospor. Antifungal. mp = 126.3°. *Janssen Pharmaceutical, Belgium; Ortho Pharmaceutical Corp.***3768 Thiram**

137-26-8

9510

205-286-2

 $\text{C}_6\text{H}_{12}\text{N}_2\text{S}_4$

Bis(dimethylthiocarbamoyl) disulfide.

Rezifilm; SQ-1489; NSC-1771; TMTD; ENT-987; Thiurad; Thylate; Fernasan; Nomersan; Pomarsol; Tersan; Tuads; Arasan. Antifungal. mp = 155-156°; d = 1.29; insoluble in H_2O ; soluble in EtOH , Et_2O (0.2 g/100 ml), Me_2CO (1.2 g/100 ml), C_6H_6 (2.5 g/100 ml); LD_{50} (rat orl) = 640 mg/kg. *Bristol-Myers Squibb Co.***3769 Ticlatone**

70-10-0

 $\text{C}_7\text{H}_4\text{ClNOS}$

6-Chloro-1,2-benzisothiazolin-3-one.

FER-1443. Antibacterial and antifungal.

3770 Tioconazole

65899-73-2

9595

265-973-8

 $\text{C}_{16}\text{H}_{13}\text{Cl}_3\text{N}_2\text{OS}$ 1-[2,4-Dichloro- β [(2-chloro-3-thenyl)oxy]phenethyl]-imidazole.

Vagistat; Vagistat-1; UK-20349; Fungibacid; Gyno-Trosyd; Trosyd; Trosyl; Zoniden. Antifungal.

[hydrochloride ($\text{C}_{16}\text{H}_{14}\text{Cl}_4\text{N}_2\text{OS}$)]: mp = 168-170°. *Pfizer Inc.; Mead Johnson Nutritionals.***3771 Tolciclate**

50838-36-3

9647

256-792-5

 $\text{C}_{20}\text{H}_{21}\text{NOS}$

O-(1,2,3,4-Tetrahydro-1,4-methanonaphthalen-6-yl) m,N-dimethylthiocarbamate.

K 9147; Fungifos; Kilmicen; Tolmicen. Antifungal. mp = 92-94°; soluble in C_6H_{14} (1.49 g/100 ml), n-octanol (2.39 g/100 ml); insoluble in H_2O ; LD_{50} (mus orl) = 4000 mg/kg, (rat orl) = 6000 mg/kg, (dog orl) = 5000 mg/kg. *Farmitalia Carlo Erba SpA.***3772 Tolindate**

27877-51-6

9652

 $\text{C}_{18}\text{H}_{19}\text{NOS}$

O-5-Indanyl m,N-dimethylthiocarbamate.

Dalnate. Antifungal. mp = 94-95°. *U. S. Vitamin.***3773 Tolnaftate**

2398-96-1

9656

219-266-6

 $\text{C}_{19}\text{H}_{17}\text{NOS}$

O-2-Naphthyl m,N-dimethylthiocarbamate.

Aftate; Dr. Scholl's Athlete's Foot Spray; Tinactin; Tritin; Sch-10144; component of: Tinavet; naphthiomate T; Sch-10144; Chinofungin; Dungistop; Hi-Alarzin; Sporiline; Timoped; Tonofal; Tniaderm. Antifungal. mp = 110.5-111.5°; insoluble in H_2O ; sparingly soluble in MeOH , EtOH ; soluble in CHCl_3 (66 g/100 ml), Me_2CO (12.5 g/100 ml), CCl_4 (10 g/100 ml); LD_{50} (mus orl) > 10000 mg/kg, (mus sc) > 6000 mg/kg, (rat oprl) > 6000 mg/kg,

(rat sc) > 4000 mg/kg. *Schering-Plough HealthCare Products.*

3774 Triacetin

102-76-1 9721 203-051-9

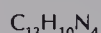


Glyceryl triacetate.

Enzactin; Fungacetin. Antifungal. $d_4^{25} = 1.1562$; mp = -78° ; bp = $258-260^\circ$; bp₄₀ = 172° ; soluble in H₂O (7.1 g/100 ml); miscible with EtOH, Et₂O, CHCl₃; slightly soluble in CS₂; LD₅₀ (mus iv) = 1600 ± 81 mg/kg. *Eastman Chemical Co.; Whitehall-Robins.*

3775 Triafungin

55242-77-8



3-Benzylpyrro[3,4-c]-as-triazine.

EU-3325. Antifungal.

3776 Tubercidin

69-33-0 9936 200-703-4



7-β-D-Ribofuranosyl-7H-pyrrolo[2,3-d]pyrimidin-4-amine.

7-deazaadenosine; sparsamycin A; U-10071. Antibiotic produced in *Streptomyces tubercidus*. Antifungal and tuberculostatic antibacterial. mp = $247-248^\circ$ (dec); $[\alpha]_D^{17} = -67^\circ$ (50% AcOH); $\lambda_m = 270$ nm (ϵ 12100 0.01N NaOH); soluble in H₂O (0.3 g/100 ml), MeOH (0.5 g/100 ml), EtOH (0.05 g/100 ml); insoluble in Me₂CO, CHCl₃, C₆H₆, petroleum ether; LD₅₀ (mus iv) = 45 mg/kg.

3777 Ujothion

1219-77-8 9978

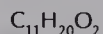


5-Benzylidihydro-6-thioxo-1,3,5-thiadiazine-3(4H)-acetic acid.

Antifungal. mp = 152° .

3778 Undecylenic Acid

112-38-9 9983 203-965-8



10-Undecenoic acid.

Declid; Renselin; Sevinon; component of: Fulvidex. Antifungal. $d_4^{24} = 0.9072$, $d_{25}^{25} = 0.9102$, $d_{45}^{45} = 0.8993$, $d_4^{79.9} = 0.8653$; mp = 24.5° ; bp = 275° , bp₁₈₂ = $232-235^\circ$, bp₁₃₀ = $230-235^\circ$, bp₁₀₀ = 213.5° , bp₉₀ = $198-200^\circ$, bp₁₅ = 168.3° ; bp_{1.0} = 131° ; insoluble in H₂O; soluble in EtOH, CHCl₃, Et₂O; LD₅₀ (mus orl) = 8150 mg/kg, (mus ip) = 960 mg/kg. *Schering-Plough Animal Health.*

3779 Valconazole

56097-80-4



(±)-2-(2,4-Dichlorophenoxy)-1-imidazol-1-yl-4,4-dimethyl-3-pentanone.

Broad-spectrum triazole antifungal.

3780 Viridin

3306-52-3 10144 221-987-6



1β-Hydroxy-2+[β-methoxy-18-norandrosta-5,8,11,13-tetraeno[6,5,4-bc]furan-3,7,17,17-trione.

Antifungal. mp = 245° (dec), $222-224^\circ$, $200-205^\circ$ (dec); $[\alpha]_D^{19} = -224^\circ$; $\lambda_m = 242, 300$ nm (log ϵ 4.49 4.22); soluble in H₂O, CHCl₃; sparingly soluble in CS₂, CCl₄; insoluble in Et₂O; [β-isomer]: mp = $240-245^\circ$ (dec); $[\alpha]_D^{16} = -224^\circ$; $\lambda_m = 243, 300$ nm (log ϵ 4.45, 4.25).

3781 Viridofulvin

1405-00-1

Antibiotic derived from *Streptomyces viridogriseus*. Antifungal.

3782 Zinc Propionate

557-28-8 10286 209-167-6



Propionic acid zinc salt.

Antifungal. Used as fungicide on adhesive tape. Soluble in H₂O (32 g/100 ml at 15°), EtOH (2.8 g/100 ml at 15° , 17.2 g/100 ml at 76°).

3783 Zinc Undecylenate

557-08-4 9983 209-155-0



Zinc 10-undecenoate.

Antifungal. mp = $115-116^\circ$.

3784 Zinoconazole

84697-21-2



5-Chloro-2-thienylimidazolymethyl ketone.

Antifungal. *Searle, G.D., & Co.*

3785 Zinoconazole Hydrochloride

80168-44-1



5-Chloro-2-thienylimidazolymethyl ketone hydrochloride.

SC-38390. Antifungal. *Searle, G.D., & Co.*

Antiglaucoma Agents

3786 Acetazolamide

59-66-5 50 200-440-5



N-(5-Sulfamoyl-1,3,4-thiadiazol-2-yl)acetamide.

acetazoleamide; carbonic anhydrase inhibitor 6063; acetamox; atenezol; cidamex; defiltran; diacarb; diamox; didoc; diluran; diureticum-Holzinger; diuriwas; diutazol; donmox; edemox; fonurit; glaupax; glupax; natrionex; nephramid; vetamox (sodium salt). Diuretic and antiglaucoma agent. Carbonic anhydrase inhibitor, used as diuretic, in treatment of glaucoma mp = $258-259^\circ$; sparingly soluble in H₂O; pKa = 7.2. *Lederle Labs.*

3787 Acetazolamide Sodium

1424-27-7 50

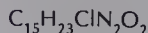


N-(5-Sulfamoyl-1,3,4-thiadiazol-2-yl)acetamide monosodium salt.

Diamox Parenteral; Vetamox. Diuretic and antiglaucoma agent. Carbonic anhydrase inhibitor, used as diuretic, in treatment of glaucoma. *Lederle Labs.*

3788 Alprenoxime Hydrochloride

121009-30-1



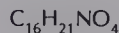
1-(*o*-Allylphenoxy)-3-(isopropylamino)-2-propanone oxime monohydrochloride.

HGP-5; CDDD 1815. Antiglaucoma agent. *Pharmos Corp.*

3789 Befunolol

39552-01-7

1050



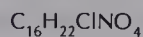
7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuranyl methyl ketone.

A β -adrenergic blocker. Used as an anti-glaucoma agent. mp = 115°; LD₅₀ (mus iv) = 100-105 mg/kg. *Kakenyaku Kako.*

3790 Befunolol Hydrochloride

39543-79-8

1050



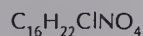
7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuranyl methyl ketone hydrochloride.

BFE-60; Benfuran; Bentos; Bentox; Glauconex. A β -adrenergic blocker. Used as an anti-glaucoma agent. mp = 163°. *Kakenyaku Kako.*

3791 Befunolol R-(+)-form Hydrochloride

66685-79-8

1050



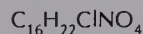
(R)-(+)-7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuranyl methyl ketone hydrochloride.

A β -adrenergic blocker. Used as an anti-glaucoma agent. mp = 151°; $[\alpha]_D = 15.3^\circ$ (c = 1 MeOH). *Kakenyaku Kako.*

3792 Befunolol S-(-)-form Hydrochloride

66717-59-7

1050



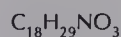
(S)-(-)-7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuranyl methyl ketone hydrochloride.

A β -adrenergic blocker. Used as an anti-glaucoma agent. mp = 151-152°; $[\alpha]_D = -125.5^\circ$ (c = 1 MeOH). *Kakenyaku Kako.*

3793 Betaxolol

63659-18-7

1229



(±)-1-[p-[2-(Cyclopropylmethoxy)ethyl]phenoxy]-3-(isopropylamino)-2-propanol.

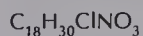
Antianginal agent with antihypertensive and antiglaucoma properties. Cardioselective β_1 adrenergic blocker. mp = 70-72°. *Alcon Labs.; Synthelabo Pharmacie.*

3794 Betaxolol Hydrochloride

63659-19-8

1229

264-384-3



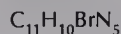
(±)-1-[p-[2-(Cyclopropylmethoxy)ethyl]phenoxy]-3-(isopropylamino)-2-propanol hydrochloride.

SLD-212; SL-75.212; Betoptic; Betoptima; Kerlone. Antianginal agent with antihypertensive and antiglaucoma properties. Cardioselective β_1 adrenergic blocker. mp = 116°; LD₅₀ (mus orl) = 94 mg/kg, (mus iv) = 37 mg/kg. *Alcon Labs.; Synthelabo Pharmacie.*

3795 Brimonidine

59803-98-4

1399



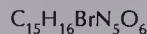
5-Bromo-6-(2-imidazoli-2-ylamino)quinoxaline.

UK-14304; AGN-190342. Adrenergic (ophthalmic); used to treat glaucoma. mp = 252°. *Allergan, Inc.*

3796 Brimonidine Tartrate

70359-46-5

1399



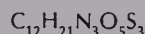
5-Bromo-6-(2-imidazoli-2-ylamino)quinoxaline

D-tartrate.

Alphagan; UK-14304-18; AGN 190342-LF. Adrenergic (ophthalmic); used to treat glaucoma. mp = 207.5°. *Allergan, Inc.*

3797 Brinzolamide

138890-62-7



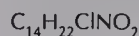
(R)-4-(Ethylamino)-3,4-dihydro-2-(3-methoxypropyl)-2H-thieno[3,2-e]-1,2-thiazine-6-sulfonamide,1,1-dioxide.

AL-4862. Anti-glaucoma agent. *Alcon Labs.*

3798 Bupranolol

14556-46-8

1521



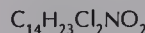
1-(tert-Butylamino)-3-[(6-chloro-m-tolyl)-oxy]-2-propanol. bupranolol; Ophthorenin. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker.

3799 Bupranolol Hydrochloride

15148-80-8

1521

239-208-3



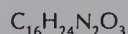
1-(tert-Butylamino)-3-[(6-chloro-m-tolyl)-oxy]-2-propanol hydrochloride.

B-1312; KL-255; Betadran; Betadrenol; Looser; Panimit. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 220-222°.

3800 Carteolol

51781-06-7

1917



5-[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone.

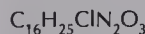
Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. *Abbott Labs.; Otsuka America Pharmaceuticals, Inc.*

3801 Carteolol Hydrochloride

51781-21-6

1917

257-415-7



5-[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone hydrochloride.

Carteolol hydrochloride, Abbott 43326; OPC-1085; Arteoptic; Caltidren; Carteol; Cartrol; Endak; Mikelan; Optipress; Tenalet; Tenalin; Teoptic. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 278°; LD₅₀ (mrat orl) = 1380 mg/kg (mrat iv) = 158 mg/kg, (mrat ip) = 380 mg/kg, (mmus orl) = 810 mg/kg, (mmus iv) = 54.5 mg/kg, (mmus ip) = 380 mg/kg. *Abbott Labs.; Otsuka America Pharmaceuticals, Inc.*

3802 Colforsin

66575-29-9

266-410-9

 $C_{22}H_{34}O_7$

(3R,4aR,5S,6S,6aS,10S,10aR,10bS)-Dodecahydro-5,6,10,10b-tetrahydro-3-[2-(4-o-tolyl-1-piperazinyl)ethyl]-s-triazolo[4,3-a]pyran-1-one 5-acetate.
HL-362; L-75-1362B. Antiglaucoma agent. *Hoechst-Roussel Pharmaceuticals Inc.*

3803 Dapiprazole

72822-12-9

2884

 $C_{19}H_{27}N_3$

5,6,7,8-Tetrahydro-3-[2-(4-o-tolyl-1-piperazinyl)ethyl]-s-triazolo[4,3-a]pyridine.

An α_1 -adrenergic blocking agent with antiglaucoma and miotic activity. mp = 158-160°. *Angelini Pharmaceuticals, Inc.*

3804 Dapiprazole Hydrochloride

72822-13-0

2884

 $C_{19}H_{28}ClN_3$

5,6,7,8-Tetrahydro-3-[2-(4-o-tolyl-1-piperazinyl)ethyl]-s-triazolo[4,3-a]pyridine hydrochloride.

AF-2139; Glamidolo; Reversil; Rev-Eyes. An α_1 -adrenergic blocking agent with antiglaucoma and miotic activity. mp = 206-207°; LD₅₀ (mus ip) = 260 mg/kg. *Angelini Pharmaceuticals, Inc.*

3805 Dichlorphenamide

120-97-8

3127

204-440-6

 $C_6H_6Cl_2N_2O_4S_2$

4,5-Dichloro-m-benzenedisulfonamide.

Daranide; Antidraisi; Oratrol. Carbonic anhydrase inhibitor used to treat galucoma. mp = 239-241°, 228.5-229°; insoluble in H₂O, soluble in alkaine solutions. *Merck & Co., Inc.*

3806 Dipivefrin

52365-63-6

3400

 $C_{19}H_{29}NO_5$

(±)-3,4-Dihydroxy- α -[(methylamino)methyl]benzyl alcohol 3,4-dipivalate.

dipivalyl epinephrine; DPE. Adrenergic (ophthalmic); used to treat galucoma. mp = 146-147°. *Alcon Labs.; Allergan, Inc.*

3807 Dipivefrin Hydrochloride

64019-93-8

3400

 $C_{19}H_{30}ClNO_5$

(±)-3,4-Dihydroxy- α -[(methylamino)methyl]benzyl alcohol 3,4-dipivalate hydrochloride.

Propine; Diopine; d Epifrin; Diphemin; Pivalephrine. Adrenergic (ophthalmic); used to treat galucoma. mp = 158-159°. *Alcon Labs.; Allergan, Inc.*

3808 Dorzolamide

120279-96-1

3484

 $C_{10}H_{16}N_2O_4S_3$

(4S,6S)-4-(Ethylamino)-5,6-dihydro-6-methyl-4H-thieno[2,3-b]thiopyran-2-sulfonamide 7,7-dioxide.

Adrenergic (ophthalmic); used to treat galucoma. *Merck & Co., Inc.*

3809 Dorzolamide Hydrochloride

130693-82-2

3484

 $C_{10}H_{17}ClN_2O_4S_3$

(4S,6S)-4-(Ethylamino)-5,6-dihydro-6-methyl-4H-thieno[2,3-b]thiopyran-2-sulfonamide 7,7-dioxide hydrochloride.

Trusopt; MK-507; component of: Cosopt. Adrenergic (ophthalmic); used to treat galucoma. mp = 283-285°; $[\alpha]_D^{24}$ = -8.34° (c = 1 MeOH); soluble in H₂O. *Merck & Co., Inc.*

3810 Epinephrine

51-43-4

3656

200-098-7

 $C_9H_{13}NO_3$

(-)-3,4-Dihydroxy- α -[(methylamino)methyl]benzyl alcohol.

Adrenalin; Adrenaline; Adrenalin in Oil; Bronkaid Mist; Epifrin; Galucon; Primatene Mist; Sus-Phrine; Epiglauftrin; Eppy; Glauposine; Simplene; Suprarenaline; component of: Citanest Forte. An α -adrenergic agonist. Used as a bronchodilator, cardiostimulant, mydriatic and antiglaucoma agent. mp = 211-212°; $[\alpha]_D^{25}$ = -50.0° to -53.5° (0.6N HCl); slightly soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃, Me₂CO; LD₅₀ (mus ip) = 4 mg/kg. *Alcon Labs.; Allergan, Inc.; Astra Chemicals Ltd.; Bristol-Myers Squibb Co.; Ciba Vision Ophthalmics; Elkins-Sinn; Forest Pharmaceuticals Inc.; Parke-Davis; Sterling Health U.S.A.; Whitehall Labs.; Wyeth-Ayerst Labs.*

3811 Epinephrine Bitartrate

51-42-3

3656

200-097-1

 $C_{13}H_{19}NO_9$

(-)-3,4-Dihydroxy- α -[(methylamino)methyl]benzyl alcohol (+)-tartrate (1:1) salt.

Asmatane Mist; Bronitin Mist; Bronkaid Mist Suspension; Epitrate; Medihaler-Epi; Primatene Mist Suspension; Suprarenin; component of: Asthmahaler, E-Pilo. An α -adrenergic agonist. Used as a bronchodilator, cardiostimulant, mydriatic and antiglaucoma agent. mp = 147-154°; soluble in H₂O (33 g/100 ml), slightly soluble in EtOH. *3M Pharmaceuticals; Ciba Vision Ophthalmics; Menley & James Labs., Inc.; Sterling Health U.S.A.; Sterling Winthrop, Inc.; Whitehall Labs.; Wyeth-Ayerst Labs.*

3812 Epinephrine dl form

329-65-7

3656

206-347-6

 $C_{20}H_{32}N_2O_6$

(±)- α -[1-(Methylamino)ethyl]benzenemethanol sulfate salt (2:1).

racepinephrine. An α -adrenergic agonist. Used as a bronchodilator, cardiostimulant, mydriatic and antiglaucoma agent. Slightly soluble in H₂O, EtOH. *Alcon Labs.; Allergan, Inc.; Astra Chemicals Ltd.; Bristol-Myers Squibb Co.; Ciba Vision Ophthalmics; Elkins-Sinn; Forest Pharmaceuticals Inc.; Parke-Davis; Sterling Health U.S.A.; Whitehall Labs.; Wyeth-Ayerst Labs.*

3813 Epinephrine dl form Hydrochloride

329-63-5

3656

206-346-0

 $C_{20}H_{33}ClN_2O_6$

(±)- α -[1-(Methylamino)ethyl]benzenemethanol hydrochloride salt.

Asthmanefrin; Vaponefrin. An α -adrenergic agonist. Used as a bronchodilator, cardiostimulant, mydriatic and antiglaucoma agent. mp = 157°, soluble in H₂O,

sparingly soluble in EtOH. *Alcon Labs.; Allergan, Inc.; Astra Chemicals Ltd.; Bristol-Myers Squibb Co.; Ciba Vision Ophthalmics; Elkins-Sinn; Forest Pharmaceuticals Inc.; Parke-Davis; Sterling Health U.S.A.; Whitehall Labs.; Wyeth-Ayerst Labs.*

3814 Epinephrine Hydrochloride

55-31-2 3656 200-230-3

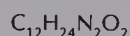


(±)-α-[1-(Methylamino)ethyl]benzenemethanol hydrochloride salt.

Adrenalin; Epifrin; Glaucon; Suprarenin. An α-adrenergic agonist. Used as a bronchodilator, cardiostimulant, mydriatic and antiglaucoma agent. mp = 157°; soluble in H₂O, sparingly soluble in EtOH. *Alcon Labs.; Allergan, Inc.; Astra Chemicals Ltd.; Bristol-Myers Squibb Co.; Ciba Vision Ophthalmics; Elkins-Sinn; Forest Pharmaceuticals Inc.; Parke-Davis; Sterling Health U.S.A.; Whitehall Labs.; Wyeth-Ayerst Labs.*

3815 Falintolol

90581-63-8

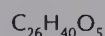


Cyclopropyl methyl ketone (±)-(EZ)-O-[3-(tert-butylamino)-2-hydroxypropyl]oxime.

A beta-adrenergic antagonist used for treatment of glaucoma.

3816 Latanoprost

130209-82-4 5387

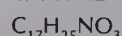


Isopropyl (Z)-7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]-cyclopentyl]-6-heptenoate.

Xalatan; PHXA41; XA41. Antiglaucoma agent. $[\alpha]_D^{20} = 31.57^\circ$ (c = 0.91 CH₃CN). *Pharmacia & Upjohn, Inc.; Kabi.*

3817 Levobunolol

47141-42-4 5488



(-)-5-[3-(tert-Butylamino)-2-hydroxypropoxy]-3,4-dihydro-1(2H)-naphthalenone.

l-bunolol; W-6421A. Adrenergic β-receptor; antiglaucoma agent. LD₅₀ (mrat orl) = 700 mg/kg, (mrat iv) = 25 mg/kg, (frat orl) = 800 mg/kg, (frat iv) = 28 mg/kg, (mmus orl) = 1530 mg/kg, (mmus iv) = 78 mg/kg, (fmus orl) = 1220 mg/kg, (fmus iv) = 84 mg/kg, (mhmtr orl) = 435 mg/kg, (fhmtr orl) = 500 mg/kg; (dog orl). *Allergan, Inc.*

3818 Levobunolol Hydrochloride

27912-14-7 5488 248-725-3



(-)-5-[3-(tert-Butylamino)-2-hydroxypropoxy]-3,4-dihydro-1(2H)-naphthalenone hydrochloride.

Vitagan; Gotensin; Betagan; W-7000A. Adrenergic β-receptor; anti-glaucoma agent. mp = 209-211°; $[\alpha]_D^{24} = -19.6^\circ \pm 0.7^\circ$ (c = 2.90 MeOH); $\lambda_m = 221, 253, 310 \text{ nm}$ (ε 24700, 9000, 2400. NaOH). *Allergan, Inc.*

3819 Methazolamide

554-57-4 6031 209-066-7

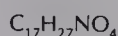


N-(4-Methyl-2-sulfamoyl-Δ²-1,3,4-thiadiazolin-5-ylidene)acetamide.

Neptazane. Diuretic. mp = 213-214°; $\lambda_m = 254 \text{ nm}$ (log ε 3.66 95% EtOH), 247 nm (log ε 3.61 0.1N NaOH). *Lederle Labs.*

3820 Metipranolol

22664-55-7 6221 245-151-5



(±)-1-(4-Hydroxy-2,3,5-trimethylphenoxy)-3-(isopropylamino)-2-propanol 4-acetate.

OptiPranolol; BM01.004; VUFB6453; Betamet; methypranol; trimepranol; Betanol; Disorat; Glau-line; Glausyn; Turoptin. A β-adrenergic blocker. Antihypertensive agent also used to treat glaucoma. mp = 105-107°, 108.5-110.5°; $\lambda_m = 278, 274 \text{ nm}$ ($A_1^{1\%}$ 51.3, 50.5 MeOH); freely soluble in EtOH, CHCl₃, C₆H₆; slightly soluble in Et₂O; insoluble in H₂O; LD₅₀ (mus iv) = 31 mg/kg. *Bausch & Lomb Vision Care Div.; SPOFA.*

3821 Metipranolol Hydrochloride

36592-77-5 6221



(±)-1-(4-Hydroxy-2,3,5-trimethylphenoxy)-3-(isopropylamino)-2-propanol 4-acetate hydrochloride.

Betamann; Optipranolol. A β-adrenergic blocker. Antihypertensive agent also used to treat glaucoma. Soluble in H₂O. *Bausch & Lomb Vision Care Div.; SPOFA.*

3822 Naboctate Hydrochloride

73747-21-4



(±)-7,8,9,10-Tetrahydro-6,6,9-trimethyl-3-(1-methyloctyl)-6H-dibenzo[b,d]pyran-1-yl 4-(diethylamino)butyrate hydrochloride.

SP-325. Antiglaucoma agent and antinauseant.

3823 Pilocarpine

92-13-7 7578 202-128-4

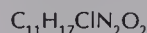


3-Ethylidihydro-4-[(1-methyl-1H-imidazol-5-yl)methyl]-2(3H)-furanone.

Ocusert Pilo. Antiglaucoma agent, cholinergic (ophthalmic). mp = 34°; bp₅ = 260°; $[\alpha]_D^{18} = 106^\circ$ (c = 2); soluble in H₂O, EtOH, CHCl₃; insoluble in Et₂O, C₆H₆, petroleum ether. *Alcon Labs.; Ciba Vision Ophthalmics; Wyeth Labs.*

3824 Pilocarpine Hydrochloride

54-71-7 7578 200-212-5

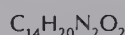


3-Ethylidihydro-4-[(1-methyl-1H-imidazol-5-yl)methyl]-2(3H)-furanone hydrochloride.

Adsorbocarpine; Almocarpine; Isopto Carpine; component of: E-Pilo, Pilocar, Pilopine HS Gel. Antiglaucoma agent, cholinergic (ophthalmic). mp = 204-205°; $[\alpha]_D^{18} = 91^\circ$ (c = 2); freely soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃. *Alcon Labs.; Ciba Vision Ophthalmics; Wyeth Labs.*

3825 Pindolol

13523-86-9 7597 236-867-9



1-(Indol-4-yloxy)-3-(isopropylamino)-2-propanol.

LB-46; Viskin; prinodolol; Betapindol; Blocklin L; Calvisken; Decreten; Durapindol; Glauco-Visken;

Pectobloc; Pinbetol; Pynastin. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 171-163°. *Salix Pharmaceuticals, Inc.*

3826 Pirenoxine

1043-21-6 7645 213-872-4

$C_{16}H_8N_2O_5$

1-Hydroxy-5-oxo-5H-pyrido[3,2-a]phenoxazine-3-carboxylic acid.

Clarvisan [as hydrochloride]. Used in the treatment of cataracts. Antioxidant. mp = 247-248° (dec).

3827 Pirnabine

19825-63-9

$C_{19}H_{24}O_3$

7,8,9,10-Tetrahydro-3,6,6,9-tetramethyl-6H-dibenzo[b,d]pyran-1-ol acetate.

SP-304. Antiglaucoma agent.

3828 Pirnabine ($\pm$)

68298-00-0

$C_{19}H_{24}O_3$

($\pm$)-7,8,9,10-Tetrahydro-3,6,6,9-tetramethyl-6H-dibenzo[b,d]pyran-1-ol acetate.

Antiglaucoma agent.

3829 Timolol

91524-16-2 9585

$C_{13}H_{24}N_4O_3S \cdot 1/2H_2O$

(S)-1-(tert-Butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]-2-propanol hemihydrate.

Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. [($\pm$) form]: mp = 71.5-72.5°. *Merck & Co., Inc.*

3830 Timolol Maleate

26921-17-5 9585 248-111-5

$C_{17}H_{28}N_4O_7S$

(S)-1-(tert-Butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]-2-propanol maleate (1:1).

Blocadren; Timoptic; Timoptol; MK-950; Aquanil; Betim; Proflax; Temserin; Tenopt; Timacar; Timacor; component of: Cosopt, Timolide. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 201.5-202.5°; $[\alpha]_{405}^{24} = -12.0^\circ$ (c = 5 1N HCl); $[\alpha]_D^{25} = -4.2^\circ$; $\lambda_m = 294$ nm ($A_{1\text{ cm}}^{1\%}$ 200 0.1N HCl); soluble in EtOH, MeOH; poorly soluble in $CHCl_3$, cyclohexane; insoluble in isooctane, Et_2O . *Merck & Co., Inc.*

3831 Unoprostone

120373-36-6 9984

$C_{22}H_{38}O_5$

(+)-(Z)-7-[(1R,2R,3R,5S)-3,5-Dihydroxy-2-(3-oxodecyl)cyclopentyl]-5-heptenoic acid.

UF-021 [as isopropyl ester]; Rescula [as isopropyl ester]. Used to treat glaucoma and ocular hypertension. *Ueno.*

Antigonadotropins

3832 Danazol

17230-88-5 2875 241-270-1

$C_{22}H_{27}NO_2$

17 α -Pregna-2,4-dien-20-yno[2,3-d]isoxazol-17-ol.

Danocrine; Chronogyn; Bonzol; Cyclomen; Danol; Danovaol; Ladogal; Winobanin; Win-17757. Anterior pituitary suppressant; anabolic steroid derivative of ethisterone with mild androgenic side effects. An antogonadotropin. mp = 224.4-226.8°; $[\alpha]_D^{25} = 7.5^\circ$ (EtOH), $[\alpha]_D^{25} = 21.9^\circ$ ($CHCl_3$); $\lambda_m = 286$ nm (ϵ 11300 EtOH). *Sterling Winthrop, Inc.*

3833 Gestrinone

16320-04-0 4423

$C_{21}H_{24}O_2$

13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregna-4,9,11-trien-20-yn-3-one.

R-2323; RU-2323; A-46745; Dimetriose; Dimetrose; Nemestran; Tridomose. Progestogen. An

antogonadotropin. mp = 154°; $[\alpha]_D^{20} = 84.6^\circ$ (c = 0.41 MeOH). *Hoechst-Roussel Pharmaceuticals Inc.*

3834 Paroxypropione

70-70-2 7176 200-743-2

$C_9H_{10}O_2$

4'-Hydroxypropiophenone.

B-360; H 365; NSC-2834; p-propionylphenol; P.O.P.; Profenone; Frenantol; Frenohypon; Paroxon; Possipion; Hypostat. A pituitary antogonadotropin. mp = 149°; soluble in H_2O (0.0345 g/100 ml at 15°, 3.3 g/100 ml at 100°); freely soluble in EtOH, Et_2O .

3835 Ramorelix

127932-90-5

$C_{74}H_{95}ClN_{16}O_{18}$

1-[N-Acetyl-3-(2-naphthyl)-D-alanyl-p-chloro-D-phenylalanyl-D-tryptophyl-L-seryl-L-tyrosyl-O-(6-deoxy- α -L-mannopyranosyl)-D-seryl-L-leucyl-L-arginyl-L-prolyl]semicarbazide.

Hoe-013. Luteinizing-hormone-releasing hormone antagonist. Antigonadotropin. *Hoechst-Roussel Pharmaceuticals Inc.*

Antigout Agents

3836 Allopurinol

315-30-0 287 206-250-9

$C_5H_4N_4O$

1H-Pyrazolo[3,4-d]pyrimidin-4-ol.

HPP; BW-15658; NSC-1390; Adenock; Aloral; Alositol; Sillo-puren; Allozym; Allurtal; Anoprolin; Anzief; Apulonga; Apurol; Apurin; Bleminol; Bloxanth; Caplenal; Cellidrin; Cosuric; Dabrosan; Embarin; Epidropal; Foligan; Geapur; Gichtex; Hamarin; Hexanurat; Ketanrift; Ketobun-A; Ledopur; Lopurin; Lysuron; Miniplanor; Monarch; Nektrohan; Remid; Riball; Sigapurol; Suspendol; Takanarumin; Urbol; Uricemil; Uripurinol; Urobenyl; Urosin; Urtias; Xanturat; Zyluprim; Zyloric. Xanthine oxidase inhibitor. Used to treat gout. mp > 350°; $\lambda_m = 257$ nm (ϵ 7200 0.1N NaOH), 250 nm (ϵ 7600 0.1N HCl), 252 nm (ϵ 7600 MeOH); soluble in H_2O (0.048 g/100 ml), $CHCl_3$ (0.060 g/100 ml), EtOH (0.030 g/100 ml), DMSO (0.46 g/100 ml), n-octanol (< 0.001 g/100 ml). *Glaxo Wellcome Inc.; Knoll Pharmaceutical Co.*

3837 Amflutizol

82114-19-0

 $C_{11}H_7F_3N_2O_2S$ 4-Amino-3-(α,α,α -trifluoro-m-tolyl)-5-isothiazolecarboxylic acid.LY-141894. Gout suppressant. *Eli Lilly & Co.***3838 Carprofen**

53716-49-7

1912

258-712-4

 $C_{15}H_{12}ClNO_2$ (±)-6-Chloro- α -methylcarbazole-2-acetic acid.Ro-20-5720/000; C-5720; Imadyl; Rimadyl. Anti-inflammatory, used to treat gout. mp = 197-198°; LD₅₀ (mus orl) = 400 mg/kg. *Hoffmann-LaRoche Inc.***3839 Colchicine**

64-86-8

2536

200-598-5

 $C_{22}H_{25}NO_6$

[N-(5,6,7,9-Tetrahydro-1,2,3,10-tetramethoxy-9-oxobenzo[a]heptalen-7-yl)]acetamide.

component of: Colbenemid. Used to treat gout. mp = 142-150°, 157°; $[\alpha]_D^{17} = -429^\circ$ (c = 1.72), $[\alpha]_D^{17} = -121^\circ$ (c = 0.9 CHCl₃); $\lambda_m = 350.5, 243$ nm (log ϵ 4.22 4.47 EtOH); soluble in H₂O (4.5 g/100 ml), Et₂O (0.45 g/100 ml), C₆H₆ (1 g/100 ml); freely soluble in EtOH, CHCl₃; insoluble in petroleum ether; LD₅₀ (rat iv) = 1.6 mg/kg, (mus iv) = 4.13 mg/kg. *Merck & Co., Inc.***3840 Oxypurinol**

2465-59-0

219-570-9

 $C_5H_4N_4O_2$

1H-Pyazolo[3,4-d]pyrimidine-4,6-diol.

NSC-76239. Xanthine oxidase inhibitor. Used to treat gout.

3841 Probenecid

57-66-9

7934

200-344-3

 $C_{13}H_{19}NO_4S$

p-(Dipropylsulfamoyl)benzoic acid.

Benemid; Probecid; Proben; component of: Colbenemid, Polycillin-PRB. Uricosuric. Used to treat gout. mp = 194-196°; $\lambda_m = 242.5$ nm (0.1N NaOH); soluble in CHCl₃, insoluble in H₂O; LD₅₀ (rat orl) = 1600 mg/kg. *Apothecon; Merck & Co., Inc.; Wyeth-Ayerst Labs.***3842 Sulfipyrazone**

57-96-5

9121

200-357-4

 $C_{23}H_{20}N_2O_3S$

1,2-Diphenyl-4-[2-(phenylsulfinyl)ethyl]-3,5-pyrazolidinedione.

Anturane. Uricosuric and antithrombotic. Used to treat gout. [d-form]: mp = 130-133°; $[\alpha]_D^{25} = 67.1^\circ$ (c = 2.04 EtOH); $[\alpha]_D^{25} = 109.3$ (c = 0.5 CHCl₃); [l-form]: mp = 130-133°; $[\alpha]_D^{23} = -64.2^\circ$ (c = 2.14 EtOH), $[\alpha]_D^{26} = -104.5^\circ$ (c = 0.5 CHCl₃). *Ciba-Geigy Corp.***Antihistaminics****3843 Acrivastine**

87848-99-5

129

 $C_{22}H_{24}N_2O_2$

(E)-6-[(E)-3-(1-Pyrrolidinyl)-1-p-tolylpropenyl]-2-

pyridineacrylic acid.

BW-825C; Semprex D; BW-0270C; BW-A825C.

Antihistaminic. Non-sedating histamine H₁-receptor antagonist. mp = 222° (dec). *Glaxo Wellcome Inc.***3844 Acrivastine Hydrochloride**

87848-99-5

129

 $C_{22}H_{25}ClN_2O_2$

(E)-6-[(E)-3-(1-Pyrrolidinyl)-1-p-tolylpropenyl]-2-pyridineacrylic acid hydrochloride.

BW-270C; BW-825C; BW-A825C; Semprex.

Antihistaminic. Non-sedating histamine H₁-receptor antagonist. *Glaxo Wellcome Inc.***3845 Alloclamide**

5486-77-1

263

 $C_{16}H_{23}ClN_2O_2$

2-(Allyloxy)-4-chloro-N-[2-(diethylamino)ethyl]-benzamide.

Antihistaminic and antitussive. [hydrochloride] mp = 125-127°; soluble in EtOH; LD₅₀ (mus orl) = 740 mg/kg. *C.E.R.M.***3846 Antazoline**

91-75-8

718

 $C_{17}H_{19}N_3$

2-[(N-Benzylanilino)methyl]-2-imidazol.

imidamine; 5512-M; Antistine; Antistin; Histostab; Antastan; Antasten; Antihistal; Azalone; Ben-a-hist. Antihistaminic. mp = 120-122°. *Ciba-Geigy Corp.***3847 Antazoline**

91-75-8

718

 $C_{17}H_{19}N_3$

2-(N-Benzylanilino)methyl-2-imidazole.

phenazoline; imidamine; 5512-M; Antistine; Antistin; Histostab; Antastan; Antasten; Antihistal; Azalone; Ben-a-hist. Antihistaminic. mp = 237-241°; $\lambda_m = 242$ nm ($E_{1\text{ cm}}^{1\%}$ 495 - 515); soluble in H₂O 25 g/l, EtOH (40 g/l); insoluble in C₆H₆, Et₂O, CHCl₃. *Ciba plc.***3848 Antazoline Hydrochloride**

2508-72-7

718

219-719-8

 $C_{17}H_{20}ClN_3$

4,5-Dihydro-N-phenyl-N-(phenylmethyl)-1H-imidazole-2-methanamine hydrochloride.

Antistin; Dibistin; 2-(N-benzylanilinomethyl)-2-imidazoline; phenazoline; imidamine; 5512-M; antistine; Histostab; Antastan; Antasten; Antihistal; Azalone; Ben-a-hist; Fenazolina; Histazine. Antihistaminic. mp = 237-241°; $\lambda_m = 242$ nm ($E_{1\text{ cm}}^{1\%}$ 495-515); soluble in H₂O (2.5 g/100 ml), more soluble in EtOH, less soluble in organic solvents. *Ciba-Geigy Corp.***3849 Antazoline Hydrochloride**

2508-72-7

718

 $C_{17}H_{20}ClN_3$ 2-(N-Benzylanilino)methyl-2-imidazoline hydrochloride. Fenazolina; Histazine. Antihistaminic. *Ciba plc.***3850 Antazoline Phosphate**

154-68-7

718

205-831-4

 $C_{17}H_{19}N_3 \cdot H_3PO_4$

4,5-Bihydro-N-phenyl-N-(phenylmethyl)-1H-imidazole-2-methanamine phosphate.

Vasocon-A. Antihistaminic. mp = 194-198°; soluble in H₂O, less soluble in organic solvents. *Ciba-Geigy Corp.*

3851 Astemizole

68844-77-9 891 272-441-9

C₂₈H₃₁FN₄O

1-[(4-Fluorophenyl)methyl]-N-[1-[2-(4-methoxyphenyl)ethyl]-4-piperidyl]-1H-benzimidazol-2-amine.

Hismanal; R-43512; Astemisan; Histamen; Histaminos; Histazol; Kelp; Laridal; Metodik; Novo-Nastizol A; Paralergin; Retolen; Waruzol. Antihistaminic and antiallergic. A proprietary preparation containing astemizole; non-sedative antihistamine, used to treat allergic rhinitis and conjunctivitis (hay fever), other allergic reactions. mp = 149°; insoluble in H₂O, soluble in organic solvents; λ_m = 219, 249, 286 nm (ε 27250, 6480, 8534 EtOH). *Janssen Pharmaceutical, Ltd.*

3852 Azatadine

3964-81-6 934

C₂₀H₂₂N₂

6,11-Dihydro-11-(1-methyl-4-piperidinyldiene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridine.

Antihistaminic. mp = 124-126°.

3853 Azatadine Dimaleate

3978-86-7 934

C₂₈H₃₀N₂O₈

6,11-Dihydro-11-(1-methyl-4-piperidinyldiene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridine maleate (1:2).

Optimine; Trinalin; Sch-10649; Atoramin; Bonamid; Idulian; Zadine. Antihistaminic. mp = 152-154°.

3854 Azelastine

58581-89-8 939

C₂₂H₂₄ClN₃O

4-[(4-Chlorophenyl)methyl]-2-(hexahydro-1-methyl-1H-azepin-4-yl)-1(2H)-phthalazinone.

Antihistaminic, anti-allergic and anti-asthmatic. Orally active H₁ histamine receptor antagonist. Soluble in CH₂Cl₂. *Carter-Wallace.*

3855 Azelastine Hydrochloride

79307-93-0 939

C₂₂H₂₅Cl₂N₃O

4-[(4-Chlorophenyl)methyl]-2-(hexahydro-1-methyl-1H-azepin-4-yl)-1(2H)-phthalazinone hydrochloride.

A-5610; E-0659; W-2979M; Allergodil; Azeptin; Rhinolast; Astelin. Antihistaminic, anti-allergic and anti-asthmatic. Orally active H₁ histamine receptor antagonist. mp = 225-229°; LD₅₀ (mmus iv) = 36.5 mg/kg, (mmus ip) = 56.4 mg/kg, (mmus sc) = 63.0, (mmus orl) = 124 mg/kg, (fmsus iv) = 35.5 mg/kg, (fmsus ip) = 42.8 mg/kg, (fmsus sc) = 54.2 mg/kg, (fmsus orl) = 139 mg/kg, (mrat iv) = 26.9 mg/kg, (mrat ip) = 43.2 mg/kg, (mrat sc) = 66.5 mg/kg, (mrat orl) = 310 mg/kg, (frat iv) = 30.3 mg/kg, (frat ip) = 46.6 mg/kg, (frat sc) = 59.6 mg/kg, (frat orl) = 417 mg/kg. *Carter-Wallace.*

3856 Bamipine

4945-47-5 983

C₁₉H₂₄N₂

4-(N-Benzylanilino)-1-methylpiperidine.

Soventol. Antihistaminic. mp = 115°. *KV Pharmaceutical.*

3857 Bamipine Dihydrochloride

61732-85-2 983

C₁₉H₂₆Cl₂N₂

4-(N-Benzylanilino)-1-methylpiperidine dihydrochloride.

Taumidine. Antihistaminic. mp = 189° (dec). *KV Pharmaceutical.*

3858 Barmastine

99156-66-8

C₂₇H₂₉N₇O₂

3-[2-[4-[(3-(2-Furfuryl)-3H-imidazo[4,5-b]pyridin-2-yl)amino]piperidino]ethyl]-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one.

R-57959. Antihistaminic. *Janssen Pharmaceutical Inc.*

3859 Bietanautine

6888-11-5 1253

C₃₅H₄₁N₉O₉

1,2,3,6-Tetrahydro-1,3-dimethyl-2,6-dioxo-7H-purine-7-acetic acid compound with 2-(diphenylmethoxy)-N,N-dimethylethanamine (2:1).

Etanautine; Nautamine. Antihistaminic, antiemetic and antiparkinsonian. mp = 168-170°; soluble in EtOH, less soluble in H₂O.

3860 Bromodiphenhydramine

118-23-0 1439

C₁₇H₂₀BrNO

2-[(p-Bromo-α-phenylbenzyl)oxy]-N,N-dimethylethanamine.

Ambodryl; Bromo-benadryl; Deserol; Histabromamine. Antihistaminic. *Parke-Davis.*

3861 Bromodiphenhydramine Hydrochloride

1808-12-4 1439

C₁₇H₂₁BrClNO

2-[(p-Bromo-α-phenylbenzyl)oxy]-N,N-dimethylethanamine hydrochloride.

Ambodryl hydrochloride. Antihistaminic. mp = 144-145°. *Parke-Davis.*

3862 Brompheniramine

86-22-6 1467

C₁₆H₁₉BrN₂

2-[p-Bromo-α-[2-(dimethylamino)ethyl]benzyl]pyridine.

parabromdylamine. Antihistaminic. bp_{0.5} = 147-152°; soluble in dilute acids. *Whitehall-Robins; Schering-Plough HealthCare Products; ECR Pharmaceuticals.*

3863 Brompheniramine Maleate

980-71-2 1467

C₂₀H₂₃BrN₂O₄

2-[p-Bromo-α-[2-(dimethylamino)ethyl]benzyl]pyridine maleate.

Allent; Dimetapp; Dimetane; Dristan; DrixoralLodrane; Ilvin; Nagemid; Symptom 3; Veltane. Antihistaminic. mp = 132-134°; soluble in H₂O. *Whitehall-Robins; Schering-Plough HealthCare Products; ECR Pharmaceuticals.*

3864 Bufenadrine

604-74-0

C₂₁H₂₉NO

2-[(o-tert-Butyl-α-phenylbenzyl)oxy]-N,N-

dimethylethylamine.
Antihistaminic.

3865 Bufrolin

54867-56-0



6-Butyl-1,4,7,10-tetrahydro-4,10-dioxo-1,7-phenanthraline-2,8-dicarboxylic acid.

An antiallergic and antihistaminic drug.

3866 Carbinoxamine

486-16-8

1845

222-498-0



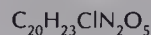
2-[p-Chloro- α -[2-(dimethylamino)ethoxy]benzyl]pyridine.

Paracarinoxamine. Antihistaminic. Antihistaminic. $bp_{0.1} = 158-162^\circ$. *McNeil Consumer Products Co.; Ross Products.*

3867 Carbinoxamine Maleate

3505-38-2

1845

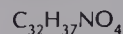


2-[p-Chloro- α -[2-(dimethylamino)ethoxy]benzyl]pyridine maleate.

Clistin; Rondec; Rondec DM; Allergefon; Ciberon; Hislosine; Lergefin; Polistin T-Caps. Antihistaminic. $mp = 117-119^\circ$; soluble in H_2O , EtOH, $CHCl_3$; LD_{50} (mus ip) = 166 mg/kg. *McNeil Consumer Products Co.; Ross Products.*

3868 Carebastine

90729-42-3



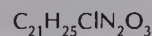
p-[4-[4-(Diphenylmethoxy)piperidino]butyl]- α -methylhydratropic acid.

Antiallergic and antihistaminic.

3869 Cetirizine

83881-51-0

2063



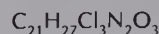
($\pm$)-[2-[4-(p-Chloro- α -phenylbenzyl)-1-piperazinyl]ethoxy]acetic acidetirizine.

Antihistaminic. $mp = 110-115^\circ$. *Pfizer Inc.*

3870 Cetirizine Hydrochloride

83881-52-1

2063



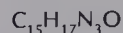
($\pm$)-[2-[4-(p-Chloro- α -phenylbenzyl)-1-piperazinyl]ethoxy]acetic acidetirizine hydrochloride.

Zyrtec; P 071; Alerlisin; Formistin; Reactine; Virlix; Zirtek; Zyrlex. Antihistaminic. $mp = 225^\circ$. *Pfizer Inc.*

3871 Cetoxime

25394-78-9

2065



2-N-Benzylanilinoacetamidoxime.

Antihistaminic. $mp = 107-108^\circ$. *Boots Pharmaceuticals Inc.*

3872 Cetoxime Hydrochloride

22204-29-1

2065



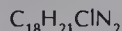
2-N-Benzylanilinoacetamidoxime hydrochloride.

Febamine. Antihistaminic. $mp = 164-165^\circ$. *Boots Pharmaceuticals Inc.*

3873 Chlorcyclizine

82-93-9

2128



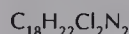
1-(p-Chloro- α -phenylbenzyl)-4-methylpiperazine.

Antihistaminic. $bp_{0.1-0.15} = 137-145^\circ$. *Abbott Labs.; Glaxo Wellcome, UK.*

3874 Chlorcyclizine Hydrochloride

1620-21-9

2128



1-(p-Chloro- α -phenylbenzyl)-4-methylpiperazine monohydrochloride.

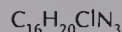
Di-paralene; Mantadil; Perazil; Histantin. Antihistaminic.

$mp = 226-227^\circ$; soluble in H_2O (500 g/l), EtOH (90 g/l), $CHCl_3$ (250 g/l); insoluble in Et_2O , C_6H_6 ; [dihydrochloride]; LD_{50} (mus ip) = 137 mg/kg. *Abbott Labs.; Glaxo Wellcome, UK.*

3875 Chloropyramine

59-32-5

2214



2-[(p-Chlorobenzyl)(2-dimethylaminoethyl)-amino]pyridine.

Halopyramine; Chloropyribenzamine. Antihistaminic.

$bp_{0.2} = 154-155^\circ$. *Ciba-Geigy Corp.*

3876 Chlorothen

148-65-2

2220



2-[(5-Chloro-2-thenyl)[2-(dimethylamino)ethyl]amino]-pyridine.

chloropyrilene; chloromethapyrilene; chlorothenylpyramine. Antihistaminic. $bp_{1.0} = 155-156^\circ$. *Monsanto Co.*

3877 Chlorothen Citrate

148-64-1

2220



2-[(5-Chloro-2-thenyl)[2-(dimethylamino)ethyl]amino]pyridine citrate.

chlorothenium citrate; Tagafen. Antihistaminic. $mp = 112-116^\circ$; $\lambda_m = 240$ nm ($E_{1\%}^{1\text{cm}}$ 390-410); soluble in H_2O ; soluble in H_2O (30 g/l), EtOH (15 g/l); insoluble in non-polar solvents; LD_{50} (mus ip) = 105 mg/kg. *Monsanto Co.*

3878 Chlorpheniramine

132-22-9

2232

205-054-0



2-[p-Chloro- α -[2-(dimethylamino)ethyl]benzyl]pyridine.

chlorprophenpyridamine; chlorphenamine; Haynon. Antihistaminic. $bp_{1.0} = 142^\circ$. *Schering Corp.*

3879 Chlorpheniramine d-Form

25523-97-1

2232

247-073-7



γ -(4-Chlorophenyl)-N,N-dimethyl-2-pyridinepropanamine.

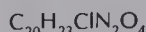
dexchlorpheniramine; d-chlorpheniramine. Antihistaminic. Oily liquid; $bp_{1.0} = 142^\circ$. *Schering Corp.*

3880 Chlorpheniramine Maleate

113-92-8

2232

204-037-5



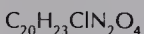
2-[p-Chloro- α -[2-(dimethylamino)ethyl]benzyl]pyridine

maleate (1:1).

chlorphenamine hydrogen maleate; Allergisan; Antagonate; Chlor-Trimeton; Chlor-Tripolon; Cloropiril; C-Meton; Histadur; Histaspan; Lorphen; Piriton; Pyridamal-100; Teldrin; component of: Allarest, A.R.M.; Azimycin, Cerose-DM, Children's Tylenol Cold, Comhist, Contac, Coricidin, Corilin, Deconamine, Demazin, Diathal, Dristan Cold, Drize, Fedahist, Histabid Duracap, Histalet Forte, Histaspan Plus, Hycomine, Intensin, Isoclor, Metrevet, Naldecon, Novahistine, Ornade, PediaCare Cold-Cough, PV Tussin Syrup, Rhinex D-Lay, Ru-Tuss, Robitussin, Sinarest, Sine-Off, Sudafed Plus, Theraflu, Triaminic, Trind, Trind-DM, Tussar-2, Tussar DM, Tussar SF, TussarViro-Med, Tylenol Cold and Flu, Tylenol Cold Medication. Antihistaminic. mp = 130-135°; λ_m = 261 nm (ϵ 5760 H₂O); soluble in EtOH (330 g/l), CHCl₃ (240 g/l), H₂O (160 g/l), MeOH (130 g/l); less soluble in non-polar solvents; LD₅₀ (mus orl) = 162 mg/kg. Schering Corp.; Schering-Plough HealthCare Products; Ciba-Geigy Corp.; Forest Pharmaceuticals Inc.; KV Pharmaceutical; Nippon Shinyaku; Menley & James Labs., Inc.; Sterling Health U.S.A.; Wyeth-Ayerst Labs.; McNeil Pharmaceutical; SmithKline Beecham Pharmaceuticals; Eli Lilly & Co.; Whitehall Labs.; Apothecon; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Solvay Animal Health, Inc.; Glaxo Wellcome, UK; Sandoz Pharmaceuticals Corp.; Mead Johnson Nutritionals.

3881 Chlorpheniramine Maleate d-Form

2438-32-6 2232 219-450-6



γ -(4-Chlorophenyl)-N,N-dimethyl-2-pyridinepropanamine maleate.

Fortamine; Isomerine; Phenamin; Phendextro; Polamin; Polaramine; Polaroni; Sensidyn. Antihistaminic. mp = 113-115°; $[\alpha]_D^{25}$ = 44.3° (c = 1 DMF). Schering Corp.; Ciba-Geigy Corp.; Sterling Health U.S.A.; Forest Pharmaceuticals Inc.; Nippon Shinyaku; ECR Pharmaceuticals; Savage Labs.; Wyeth-Ayerst Labs.; SmithKline Beecham Pharmaceuticals; Eli Lilly & Co.; Whitehall Labs.; Solvay Animal Health, Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Marion Merrell Dow Inc.; DuPont Merck Pharmaceutical Co.; Lemmon Co.; Kendall McGaw Inc.; Glaxo Wellcome, UK.

3882 Cinnarizine

298-57-7 2365 206-064-8

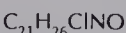


1-Cinnamyl-4-(diphenylmethyl)piperazine.

Aplactan; Aplexal; Apotomin; Artate; Carecin; Cerebolan; Cerepar; Cinaperazine; Cinazyn; Cinnacet; Cinnageron; Corathiem; Denapol; Dimitron; Eglen; Folcodal; Giganten; Glanil; Hilactan; Ixertol; Katoseran; Labyrin; Midronal; Olatin; Processine; Sedatromin; Sepan; Siptazin; Spaderizine; Stugeron; Stutgeron; Stutgin; R-516; R-1575; 516-MD; Toliman. Antihistaminic. Also behaves as a peripheral vasodilator. [hydrochloride]: mp = 192° (dec); soluble in H₂O (20 g/l). Janssen Pharmaceutical, Belgium.

3883 Clemastine

15686-51-8 2405



(+)-(2R)-2-[2-[[[(R)-p-Chloro- α -methyl- α -phenylbenzyl]oxy]ethyl]-1-methylpyrrolidine .

meclastine. Antihistaminic. bp_{0.02} = 154°; $[\alpha]_D^{20}$ = 33.6° (EtOH). Lemmon Co.; Sandoz Pharmaceuticals Corp.;

SmithKline Beecham Pharmaceuticals.

3884 Clemastine Fumarate

14976-57-9 2405

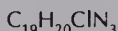


(+)-(2R)-2-[2-[[[(R)-p-Chloro- α -methyl- α -phenylbenzyl]oxy]ethyl]-1-methylpyrrolidine fumarate.

Tavist; HS-592; Aloginan; Alphamin; Anhistan; Fuluminol; Inbestan; Kinotomin; Lacretin; Lecasol; Maikohis; Mallermin-F; Marsthine; Masletine; Piloral; Reconin; Tavegil; Tavegyl; Telgin-G; Trabest; Xolamin. Antihistaminic. mp = 177-178°; $[\alpha]_D^{21}$ = 16.9° (MeOH); LD₅₀ (mus orl) = 730 mg/kg, (mus iv) = 43 mg/kg, (rat orl) = 3550 mg/kg, (rat iv) = 82 mg/kg. Lemmon Co.; Sandoz Pharmaceuticals Corp.; SmithKline Beecham Pharmaceuticals.

3885 Clemizole

442-52-4 2406 207-133-5

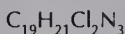


1-[(4-Chlorophenyl)methyl]-2-(1-pyrrolidinylmethyl)-1H-benzimidazole.

Neopenyl; Lergopenin; Depocural. Antihistaminic. mp = 167°; forms water-soluble salts. Schering AG.

3886 Clemizole Hydrochloride

1163-36-6 2406



1-[(4-Chlorophenyl)methyl]-2-(1-pyrrolidinylmethyl)-1H-benzimidazole hydrochloride.

AL-20; Allercur; Histacuran; Klemidox; Reactrol. Antihistaminic. mp = 239-241°. Schering AG.

3887 Clobenzepam

1159-93-9 2420



7-Chloro-10-[2-(dimethylamino)ethyl]-5,10-dihydro-11H-dibenzo[b,e][1,4]-diazepin-11-one.

Antihistaminic. mp = 165-166°; λ_m = 230 nm (ϵ 32,740). Parke-Davis.

3888 Clobenzepam Hydrochloride

2726-03-6 2420

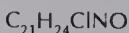


7-Chloro-10-[2-(dimethylamino)ethyl]-5,10-dihydro-11H-dibenzo[b,e][1,4]-diazepin-11-one monohydrochloride.

Tarpan. Antihistaminic. mp = 225-233°; LD₅₀ (mus orl) = 330 mg/kg. Parke-Davis.

3889 Clobenztropine

5627-46-3 2422

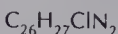


3-[(p-Chloro- α -phenylbenzyl)oxy]tropane.

Teprin. Antihistaminic. [hydrochloride]: mp = 215-217°; soluble in H₂O, EtOH; [hydrobromide]: mp = 197-200°; soluble in H₂O, EtOH; [methobromide]: mp = 245-248°; soluble in H₂O, EtOH; [methochloride]: mp = 261-263°; soluble in H₂O, EtOH. Schenley.

3890 Clocinizine

298-55-5 2428



1-(p-Chloro- α -phenylbenzyl)-4-cinnamylpiperazine.

Denoral. Antihistaminic. [hydrochloride]: mp = 200-201°.

Janssen Pharmaceutical, Belgium.

3891 Closiramine

47135-88-6

$C_{18}H_{21}ClN_2$

8-Chloro-11-[2-(dimethylamino)ethyl]-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine.

Antihistaminic. Schering AG.

3892 Closiramine Acetate

23256-09-9

$C_{22}H_{28}ClN_2O_3$

8-Chloro-11-[2-(dimethylamino)ethyl]-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine compound with N-acetyl glycine.

Sch-12169. Antihistaminic. Schering AG.

3893 Cromolyn

16110-51-3

2658

$C_{23}H_{16}O_{11}$

5,5'-[(2-Hydroxytrimethylene)dioxy]bis[4-oxo-4H-1-benzopyran-2-carboxylic acid.

cromoglycic acid; Duracroman. Antihistaminic and anti-allergic. mp = 241-242°. Bausch & Lomb Pharmaceuticals, Inc.; Fisons Corp.

3894 Cycliramine

47128-12-1

$C_{18}H_{19}ClN_2$

4-(p-Chloro- α -2-pyridylbenzylidene)-1-methylpiperidine.

Antihistaminic. Schering AG.

3895 Cycliramine Maleate

5781-37-3

$C_{22}H_{23}ClN_2O_4$

4-(p-Chloro- α -2-pyridylbenzylidene)-1-methylpiperidine maleate.

Prolergic; Sch-2544; NSC-70933. Antihistaminic. Schering AG.

3896 Cyproheptadine

129-03-3

2842

204-928-9

$C_{21}H_{21}N$

4-(5H-Dibenzo[a,d]cyclo-hepten-5-ylidene)-1-methylpiperidine.

Antihistaminic and antipruritic. mp=112.3-113.3°. Merck & Co., Inc.

3897 Cyproheptadine Hydrochloride

41354-29-4

2842

$C_{21}H_{22}ClN \cdot 1.5H_2O$

4-(5H-Dibenzo[a,d]cyclo-hepten-5-ylidene)-1-methylpiperidine hydrochloride sesquihydrate.

Periactin; Anarexol; Antegan; Ifrasarl; Nuran; Vimicon; Cipractin; Peritol. Antihistaminic and antipruritic. Antihistaminic, antipruritic; used for the treatment of coughs and colds. mp = 252-253°; λ_m = 224, 285 nm ($E_{1\%}^{1\text{cm}}$ 1656, 355 0.1N H_2SO_4); soluble in H_2O (3.6 mg/ml), more soluble in organic solvents; LD₅₀ (mus orl) = 74.2 mg/kg. Merck & Co., Inc.

3898 Dacemazine

518-61-6

189

$C_{16}H_{16}N_2OS$

10-(N,N-Dimethylglycyl)phenothiazine.

Ahistan. Antihistaminic. Antineoplastic agent. mp = 144-

145°; [hydrochloride]: mp = 230-231°. Searle, G.D., & Co.

3899 Deptropine

604-51-3

2958

$C_{23}H_{27}NO$

endo-3-[(10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-yl)oxy]-8-methyl-8-azabicyclo[3.2.1]octane.

dibenzheptropine. Antihistaminic and anticholinergic. [maleate]: mp = 133-136°.

3900 Deptropine Citrate

2169-75-7

2958

$C_{29}H_{35}NO_8$

endo-3-[(10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-yl)oxy]-8-methyl-8-azabicyclo[3.2.1]octane citrate.

BS-6987; Brontine. Antihistaminic and anticholinergic.

LD₅₀ (mus iv) = 32 mg/kg, (mus orl) = 300 mg/kg.

3901 Dexbrompheniramine

132-21-8

1467

$C_{16}H_{19}BrN_2$

(+)-2-[p-Bromo- α -[2-(dimethylamino)ethyl]benzyl]pyridine.

parabromdylamine. Antihistaminic. bp_{0.5} = 147-152°. Schering Corp.; Schering-Plough HealthCare Products.

3902 Dexbrompheniramine Maleate

2391-03-9

1467

$C_{20}H_{23}BrNBr_2O_4$

(+)-2-[p-Bromo- α -[2-(dimethylamino)ethyl]benzyl]pyridine maleate.

Disomer; Disophrol; Drixoral; Dimegan; Dimetane; Dimotane; Ilvin; Nagemid; Symptom 3; Veltane.

Antihistaminic. mp = 132-134°; soluble in H_2O , less soluble in EtOH. Schering Corp.; Schering-Plough HealthCare Products.

3903 Dexchlorpheniramine

25523-97-1

2232

$C_{16}H_{19}ClN_2$

γ -(4-Chlorophenyl)-N,N-dimethyl-2-pyridinepropanamine.

d-chlorpheniramine. Antihistaminic. $[\alpha]_D^{25}$ = 49.8° (c = 1 DMF). Schering Corp.; Ciba-Geigy Corp.; Sterling Health U.S.A.; Forest Pharmaceuticals Inc.; Nippon Shinyaku; ECR Pharmaceuticals; Savage Labs.; Wyeth-Ayerst Labs.; SmithKline Beecham Pharmaceuticals; Eli Lilly & Co.; Whitehall Labs.; Solvay Animal Health, Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Marion Merrell Dow Inc.; DuPont Merck Pharmaceutical Co.; Lemmon Co.; Kendall McGaw Inc.; Glaxo Wellcome, UK.

3904 Dimethindene

5636-83-9

3265

$C_{20}H_{24}N_2$

2-[1-[2-[2-(Dimethylamino)ethyl]inden-3-yl]ethyl]-pyridine.

dimethpyridene. Antihistaminic. Ciba-Geigy Corp.; Marion Merrell Dow Inc.

3905 Dimethindene Maleate

3614-69-5

3265

222-789-2

$C_{24}H_{28}N_2O_4$

2-[1-[2-[2-(Dimethylamino)ethyl]inden-3-yl]ethyl]-pyridine maleate.

Forhistal maleate; Su-6518; Fenistil; Fenostil; Forhistal; NSC-107677. Antihistaminic. mp = 159-161°; LD₅₀ (rat iv) = 26.8 mg/kg, (rat orl) = 618.2 mg/kg. *Ciba-Geigy Corp.; Marion Merrell Dow Inc.*

3906 Diphenhydramine

58-73-1 3367

C₁₇H₂₁NO

2-(Diphenylmethoxy)-N,N-dimethylethylamine.

benzhydramine. Antihistaminic. bp_{2,0} = 150-165°. *Parke-Davis; Elkins-Sinn; Wyeth-Ayerst Labs.; Glaxo Wellcome Inc.; Whitehall-Robins; Sterling Health U.S.A.; SmithKline Beecham Pharmaceuticals; Schering-Plough HealthCare Products; McNeil Consumer Products Co.*

3907 Diphenhydramine

58-73-1 3367

C₁₇H₂₁NO

2-(Diphenylmethoxy)-N,N-dimethylethylamine.

benzhydramine. Antihistaminic. Also use in motion sickness. bp₂ = 150-165°. *Bristol-Myers Products.*

3908 Diphenhydramine Citrate

88637-37-0 3367

C₂₃H₂₉NO₈

2-(Diphenylmethoxy)-N,N-dimethylethylamine citrate.

Excedrin. Antihistaminic. Also use in motion sickness. *Bristol-Myers Products.*

3909 Diphenhydramine Hydrochloride

147-24-0 3367

C₁₇H₂₂ClNO

2-(Diphenylmethoxy)-N,N-dimethylethylamine hydrochloride.

Actifed; Alledryl; Allergina; Amidryl; Bagodryl; Bax; Benadryl; Benocten; Benodine; Benzantin; Dibondrin; Dihydral; Diphantine; Dolestan; Fenylhist; Halbmond; Histacyl; Noctomin; S 8; Sedopretten; Sekundal-D; Syntedril; Wehydryl; component of : Benacine, Benylin, Caladryl, Contac, Coricidin, Midol, Sleep-eze, Tylanol PM, Ziradryl. Antihistaminic. Also use in motion sickness. mp = 166-170°; soluble in H₂O (1 g/ml), EtOH (0.5 g/ml), CHCl₃ (0.5 g/ml), Me₂CO (0.02 g/ml); insoluble in non-polar solvents; LD₅₀ (rat orl) = 500 mg/kg. *Parke-Davis; Elkins-Sinn; Wyeth-Ayerst Labs.; Glaxo Wellcome Inc.; Whitehall-Robins; Sterling Health U.S.A.; SmithKline Beecham Pharmaceuticals; Schering-Plough HealthCare Products; McNeil Consumer Products Co.*

3910 Diphenhydramine Hydrochloride

147-24-0 3367

C₁₇H₂₂ClNO

2-(Diphenylmethoxy)-N,N-dimethylethylamine hydrochloride.

Benadryl; Actifed; Benacine; Bena-Fedrin; Benylin; Caladryl; Contac; Coricidin; Midol PM; Quiet-World; Sleep-eze; Ziradryl; Alledryl; Allergina; Amidryl; Bagodryl; Bax; Benocten; Benodine; Benzantin; Dibondrin; Dihydral; Diphantine; Dolestan; Fenylhist; Halbmond; Histacyl; Noctomin; S 8; Sedopretten; Sekundal-D; Syntedril; Wehydryl. Antihistaminic. Also use in motion sickness. mp = 166-170°; soluble in H₂O (1 g/ml), EtOH (0.5 g/ml), CHCl₃ (0.5 g/ml), Me₂CO (2 g/100 ml); slightly soluble in C₆H₆, Et₂O; LD₅₀ (rat orl) = 500 mg/kg. *Parke-Davis; Elkins-Sinn; Wyeth-Ayerst Labs.*

Glaxo Wellcome Inc.; Whitehall-Robins; Sterling Health U.S.A.; SmithKline Beecham Pharmaceuticals; Schering-Plough HealthCare Products; McNeil Consumer Products Co.

3911 Diphenylpyraline

147-20-6 3390 205-049-3

C₁₉H₂₃NO

4-(Diphenylmethoxy)-1-methylpiperidine.

Antihistaminic. *SmithKline Beecham Pharmaceuticals; 3M Pharmaceuticals.*

3912 Diphenylpyraline Hydrochloride

132-18-3 3390 205-049-3

C₁₉H₂₄ClNO

4-(Diphenylmethoxy)-1-methylpiperidine hydrochloride.

Diafen; Hispril; Histyl; histyl Spansule Capsules; Anginosan; Belfene; Dayfen; Histyn; Kolton; Kolton Jelly; Lergobine. Antihistaminic. mp = 206°; soluble in H₂O, EtOH; insoluble in organic solvents. *3M Pharmaceuticals.*

3913 Diphenylpyraline Theoclate

606-90-6 3390

C₂₆H₃₀ClN₅O₃

4-Diphenylmethoxy-1-methylpiperidine compound with 8-chlorotheophylline.

Kolton; Mepedyl; Piprinhydrinate. Antihistaminic. mp = 174-176°; poorly soluble in H₂O, soluble in EtOH. *The Boots Co. plc.*

3914 Dorastine

21228-13-7

C₂₀H₂₂ClN₃

8-Chloro-2,3,4,5-tetrahydro-2-methyl-5-[2-(6-methyl-3-pyridyl)ethyl]-1H-pyrido[4,3-b]indole.

Antihistaminic. *Hoffmann-LaRoche Inc.*

3915 Dorastine Hydrochloride

21228-28-4

C₂₀H₂₄Cl₂N₃

8-Chloro-2,3,4,5-tetrahydro-2-methyl-5-[2-(6-methyl-3-pyridyl)ethyl]-1H-pyrido[4,3-b]indole dihydrochloride.

Ro-5-9110/1. Antihistaminic. *Hoffmann-LaRoche Inc.*

3916 Doxylamine

469-21-6 3497

C₁₇H₂₂N₂O

2-[α[2-(Dimethylamino)ethoxy]-α-methylbenzyl]pyridine.

Antihistaminic and hypnotic. bp_{0.5} = 137-141°. *Marion Merrell Dow Inc.; Whitehall-Robins; Pfizer Inc.*

3917 Doxylamine Succinate

562-10-7 3497

C₂₁H₂₈N₂O₅

2-[α[2-(Dimethylamino)ethoxy]-α-methylbenzyl]pyridine succinate.

Mereprine; Alsodorm; Decapryn succinate; Gittalun; Hoggar N; Sedaplus; Unisom. Antihistaminic and hypnotic. mp = 100-104°; soluble in H₂O (1 g/ml), EtOH (0.5 g/ml), CHCl₃ (0.5 g/ml); less soluble in C₆H₆, Et₂O; LD₅₀ (mus orl) = 470 mg/kg, (mus iv) = 62 mg/kg, (rbit orl) = 250 mg/kg, (rbit iv) = 49 mg/kg, (mus sc) = 460 mg/kg, (mrat sc) = 440 mg/kg, (frat sc) = 445 mg/kg. *Marion Merrell Dow Inc.; Whitehall-Robins; Pfizer Inc.*

3918 Ebastine

90729-43-4 3534
 $C_{32}H_{39}NO_2$
 4'-tert-Butyl-4-[4-(diphenylmethoxy)piperidino]-butyrophenone.
 LAS W-090; RP-64305; Bastel; Ebastel. Antihistaminic.
 Non-sedating histamine H_1 -receptor antagonist.
 [fumarate]: mp = 197-198°. *Grupo Farmaceutico Almirall S.A.*

3919 Eftirizine

150756-35-7
 $C_{21}H_{24}F_2N_2O_3$
 [2-[4-[Bis(p-fluorophenyl)methyl]-1-piperazinyl]ethoxy]-acetic acid.
 Antihistaminic.

3920 Embramine

3565-72-8 3596
 $C_{18}H_{22}BrNO$
 2-[(p-Bromo- α -methyl- α -phenylbenzyl)oxy]-N,N-dimethylethylamine.
 Antihistaminic. $bp_{0.3}$ = 135-140°. *SmithKline Beecham Pharmaceuticals.*

3921 Embramine Hydrochloride

13977-28-1 3596 237-757-3
 $C_{18}H_{23}BrClNO$
 2-[(p-Bromo- α -methyl- α -phenylbenzyl)oxy]-N,N-dimethylethylamine hydrochloride.
 Embelin; Mebryl; Mebrophenhydramine; Bromadryl.
 Antihistaminic. mp = 150-152°; LD_{50} (mus orl) = 330 mg/kg, (musiv) = 80 mg/kg. *SmithKline Beecham Pharmaceuticals.*

3922 Emedastine

87233-61-2 3597
 $C_{17}H_{26}N_4O$
 1-(2-Ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)benzimidazole.
 Antihistaminic. Histamine H_1 -receptor antagonist.
Kanebo.

3923 Emedastine Difumarate

87233-62-3 3597
 $C_{25}H_{34}N_4O_9$
 1-(2-Ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)benzimidazole difumarate.
 AL-3432A; KB-2413; LY-188695. Antihistaminic.
 Histamine H_1 -receptor antagonist. mp = 148-151°; LD_{50} (gpg orl) = 744 mg/kg. *Kanebo.*

3924 Epinastine

80012-43-7 3655
 $C_{16}H_{15}N_3$
 3-Amino-9,13b-dihydro-1H-dibenz[c,f]imidazo[1,5-a]-azepine.
 WAL-801. Antihistaminic. Adrenergic. mp = 205-208°; [hydrobromide]: mp = 284-286°. *Boehringer Ingelheim GmbH.*

3925 Epinastine Hydrochloride

80012-44-8 3655
 $C_{16}H_{16}ClN_3$
 3-Amino-9,13b-dihydro-1H-dibenz[c,f]imidazo[1,5-a]-

azepine hydrochloride.
 WAL-801CL; Alesion. Antihistaminic. Adrenergic. mp = 273-275°; soluble in H_2O ; LD_{50} (mrat orl) = 314 mg/kg, (mrat iv) = 17 mg/kg, (frat orl) = 192 mg/kg, (frat iv) = 22 mg/kg. *Boehringer Ingelheim GmbH.*

3926 Etymemazine

523-54-6 3938
 $C_{20}H_{26}N_2S$
 10[3-(Dimethylamino)-2-methylpropyl]-2-ethylphenothiazine.
 RP-6484; ethylisobutrazine; Diquel. Antihistaminic.
Rhône-Poulenc Rorer Pharmaceuticals Inc.

3927 Etymemazine Hydrochloride

3737-33-5 3938
 $C_{20}H_{27}ClN_2S$
 10[3-(Dimethylamino)-2-methylpropyl]-2-ethylphenothiazine hydrochloride.
 RP-6484; Nutil; Sergetyl. Antihistaminic. mp = 160-163°; soluble in H_2O , EtOH, MeOH, Me_2CO , $CHCl_3$; insoluble in Et_2O . *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

3928 Fenethazine

522-24-7 4013
 $C_{16}H_{18}N_2S$
 10(2-Dimethylaminoethyl)phenothiazine.
 RP-3015; SC-1627; Anergan; Anergine; Ethisine; Etisine; Lisergan; Lysergan; Phenethazinum; Rutergan.
 Antihistaminic. bp_1 = 183-187°; [hydrochloride]: mp = 201-201.5°; LD_{50} (mus ip) = 115-120 mg/kg. *Rhône-Poulenc.*

3929 Fexofenadine

83799-24-0 4113
 $C_{32}H_{39}NO_4$
 ($\pm$)-p-[1-Hydroxy-4-[4-(hydroxydiphenylmethyl)-piperidino]butyl]- α -methylhydratropic acid.
 carboxyterfenadine; terfenadine carboxylate; bufexamac.
 Antihistaminic. A proprietary preparation of bufexamac in a cream base; used in the treatment of eczema. mp = 142-143°. *Hoechst Marion Roussel Inc.*

3930 Fexofenadine Hydrochloride

138452-21-8 4113
 $C_{32}H_{40}ClNO_4$
 ($\pm$)-p-[1-Hydroxy-4-[4-(hydroxydiphenylmethyl)-piperidino]butyl]- α -methylhydratropic acid hydrochloride.
 Telfast; MDL-16455A. Antihistaminic. *Hoechst Marion Roussel Inc.*

3931 Hexopyrrolonium Bromide

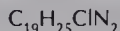
3734-12-1
 $C_{20}H_{30}BrNO_3$
 1,1-Dimethyl-3-hydroxypyrrolidinium bromide.
 Antihistaminic.

3932 Histapyrrodine

493-80-1 4757
 $C_{19}H_{24}N_2$
 1-(2-N-Benzylanilinoethyl)pyrrolidine.
 Antihistaminic. bp_1 = 198-205°.

3933 Histapyrrodine Hydrochloride

6113-17-3 4757



1-(2-N-Benzylanilinoethyl)pyrrolidine hydrochloride.

Calcistin; Domistan; Luvistin. Antihistaminic. mp = 196-197°; soluble in H_2O (20 g/l).**3934 Hydroxyzine**

68-88-2 4897

2-[2-[4-(p-Chloro α -phenylbenzyl)-1-piperazinyl]ethoxy]-ethanol.UCB-4492; Tran-Q; Tranquizine. Anxiolytic and antihistaminic. Has been used as a minor tranquilizer. *Pfizer Inc.***3935 Hydroxyzine Hydrochloride**

2192-20-3 4897

2-[2-[4-(p-Chloro α -phenylbenzyl)-1-piperazinyl]ethoxy]-ethanol dihydrochloride.Alamon; Atarax; Aterax; Durrax; Orgatraz; Quiess; ; QYS; Vistaril Parenteral; Marax. Anxiolytic and antihistaminic. Has been used as a minor tranquilizer. mp = 193°; soluble in H_2O (<700 g/l), $CHCl_3$ (60 g/l), Me_2CO (2 g/l), Et_2O (< 0.1 g/l); LD₅₀ (rat ip) = 126 mg/kg, (rat orl) = 950 mg/kg. *Elkins-Sinn; KV Pharmaceutical; Forest Pharmaceuticals Inc.; Pfizer Inc.; Roerig Div., Pfizer Pharmaceuticals.***3936 Hydroxyzine Pamoate**

10246-75-0 4897

2-[2-[4-(p-Chloro α -phenylbenzyl)-1-piperazinyl]ethoxy]-ethanol 4,4'-methylenabis[3-hydroxy-2-naphthoate].Equipose; Masmoran; Paxisitil; Vistaril pamoate. Anxiolytic and antihistaminic. Has been used as a minor tranquilizer. Insoluble in H_2O . *Pfizer Inc.***3937 Iproheptine**

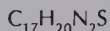
13946-02-6 6243



N-Isopropyl-1,5-dimethylhexylamine.

Metron; Metron S. Antihistaminic. bp₂₃ = 84-85°.**3938 Isopromethazine**

303-14-0 5219

N,N, β -Trimethyl-10H-phenothiazine-10-ethanamine.Lilly 01526; RP-4460; Isophenergan; Fen-Bridal. Antihistaminic. [hydrochloride]; mp = 193-194°. *Rhône-Poulenc.***3939 Isothipendyl**

482-15-5 5248 214-957-9



10-(2-Dimethylaminopropyl)-10H-pyrido[3,2-b]-[1,4]benzothiazine.

Antihistaminic. bp_{0.4} = 171-174°; LD₅₀ (mus ip) = 65 mg/kg, (mus orl) = 18 mg/kg.**3940 Isothipendyl Hydrochloride**

1225-60-1 5248



10-(2-Dimethylaminopropyl)-10H-pyrido[3,2-b]-

[1,4]benzothiazine hydrochloride.

Andantol; Andanton; Nilergex. Antihistaminic. Soluble in H_2O .**3941 Levocabastine**

79547-78-7 5489



(-)-trans-1-[cis-4-Cyano-4-(p-fluorophenyl)cyclohexyl]-3-methyl-4-phenylisonepetic acid.

(-)-cabastine. Antihistaminic. *Janssen Pharmaceutical, Belgium.***3942 Levocabastine Hydrochloride**

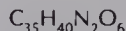
79516-68-0 5489



(-)-trans-1-[cis-4-Cyano-4-(p-fluorophenyl)cyclohexyl]-3-methyl-4-phenylisonepetic acid monohydrochloride.

Livostin; R-50547; Levophta. Antihistaminic. *Janssen Pharmaceutical, Belgium.***3943 Linetastine**

159776-68-8



1-[5'-(3-Methoxy-4-ethoxycarbonyloxyphenyl)-2',4'-pentadienoyl aminoethyl]-4-diphenylmethoxypiperidine. TMK-688. Antihistaminic; leukotriene antagonist.

3944 Loratadine

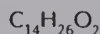
79794-75-5 5608



Ethyl 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta-[1,2-b]pyridin-11-ylidene)-1-piperidinecarboxylate.

Sch-29851; Claritin; Clarityn; Lisino. Antihistaminic. mp = 134-136°. *Schering AG.***3945 Loxanast**

69915-62-4

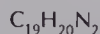


cis-4-Isohexyl-1-methylcyclohexanecarboxylic acid.

Antihistaminic.

3946 Mebhydrolin

524-81-2 5809



5-Benzyl-1,3,4,5-tetrahydro-2-methyl-2H-pyrido[4,3-b]indole.

Incidental. Antihistaminic. mp = 95°; bp₁ = 207-215°; insoluble in H_2O , soluble in polar organic solvents. *Bayer AG; Schenley.***3947 Mebhydrolin Napadisylate**

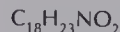
6153-33-9 5809 228-170-3



5-Benzyl-1,3,4,5-tetrahydro-2-methyl-2H-pyrido[4,3-b]-indole 1,5-naphthalenedisulfonate (salt).

Diazoline; Fabahistin; Omeril. Antihistaminic. mp = 280° (dec); insoluble in H_2O . *Bayer AG; Schenley.***3948 Medrylamine**

524-99-2 5839

2-(p-Methoxy- α -phenylbenzyloxy)-N,N-dimethylethylamine.

Histaphen; Histaphene; Postafen; Salve. Antihistaminic.

[hydrochloride]: mp = 141°. *UCB.*

3949 Mequitamium Iodide

101396-42-3

$C_{21}H_{25}IN_2S$

(±)-1-Methyl-3-(phenothiazin-10-ylmethyl)quinuclidinium iodide.

LG-30435. The (+)-(S)-enantiomer 1β is 10x more potent than (-)-(R)-enantiomer 1α as a histamine antagonist; the two enantiomers show the same antimuscarinic activity in vitro. Antihistaminic; antiallergic; antimuscarinic.

3950 Mequitazine

29216-28-2

5911

249-521-7

$C_{20}H_{22}N_2S$

10-(2-Quinuclidinylmethyl)phenothiazine.

LM-209; Butix; Metaplexan; Mircol; Primalan; Zesulan. Antihistaminic. mp = 130-131°.

3951 Methafurylene

531-06-8

6010

$C_{14}H_{19}N_3O$

N-(2-Furanylmethyl)-N',N'-dimethyl-N-2-pyridinyl-1,2-ethanediamine.

Antihistaminic. bp_{0.2} = 117.5-118°; [hydrochloride]: mp = 117-119°; [dihydrogen citrate]: mp = 95-97°. *Rhône-Poulenc.*

3952 Methafurylene Fumarate

5429-41-4

6010

$C_{18}H_{23}N_3O_5$

N-(2-Furanylmethyl)-N',N'-dimethyl-N-2-pyridinyl-1,2-ethanediamine fumarate.

F-151; Foralamin. Antihistaminic. *Rhône-Poulenc.*

3953 Methaphenilene

493-78-7

6026

$C_{15}H_{20}N_2S$

N,N-Dimethyl-N'-(α-thenyl)-N'-phenethylenediamine.

00836; RP-2740; W-50 base; Diatrin base.

Antihistaminic. bp₇ = 183-185°.

3954 Methaphenilene Hydrochloride

7084-07-3

6026

$C_{15}H_{21}ClN_2S$

N,N-Dimethyl-N'-(α-thenyl)-N'-phenethylenediamine hydrochloride.

Diatrin; Enstamine; Nilhistin. Antihistaminic. mp = 186-187°; soluble in H₂O, EtOH; LD₅₀ (mus ip) = 117 mg/kg.

3955 Methapyrilene Fumarate

33032-12-1

6027

$C_{40}H_{50}N_6O_{12}S_2$

2-[[2-(Dimethylamino)ethyl]-2-thenylaminopyridine hydrochloride fumarate (2:3).

Antihistaminic. mp = 135-136°. *Eli Lilly & Co.; Abbott Labs.*

3956 Methapyrilene Hydrochloride

135-23-9

6027

$C_{14}H_{20}ClN_3S$

2-[[2-(Dimethylamino)ethyl]-2-thenylaminopyridine hydrochloride.

Antihistaminic. mp = 162°; λ_m = 238 nm (E_{1 cm}^{1%} 623); soluble in H₂O (2 g/ml), EtOH (0.2 g/ml), CHCl₃ (0.3

g/ml); insoluble in non-polar solvents. *Eli Lilly & Co.; Abbott Labs.*

3957 Methapyrilene

91-80-5

6027

202-099-8

$C_{14}H_{19}N_3S$

2-[[2-(Dimethylamino)ethyl]-2-thenylaminopyridine.

AH-42; Thenylene; Pyrathyn; Semikon; Thionylan; Histadyl; Restryl; Rest-on; Sleepwell; Paradormalene; Pyrinistab; Pyrinistol; Lullamin. Antihistaminic. bp₃ = 173-175°; LD₅₀ (rat orl) = 375 mg/kg, (mus orl) = 182 mg/kg, (mus iv) = 19.8 mg/kg, (gpg orl) = 375 mg/kg. *Eli Lilly & Co.; Abbott Labs.*

3958 p-Methyldiphenhydramine

19804-27-4

6130

$C_{18}H_{23}NO$

N,N-Dimethyl-2-[(4-methylphenyl)-phenylmethoxy]ethanamine.

Neo-Benodine; Toladryl. Antihistaminic. bp_{0.1} = 143°; [hydrochloride]: mp = 150-152°. *Parke-Davis.*

3959 Mifentidine

83184-43-4

$C_{13}H_{16}N_4$

N-(p-Imidazol-4-ylphenyl)-N'-isopropylformamidine.

DA-4577. A novel histamine H₂-receptor antagonist. Antihistaminic.

3960 Mizolastine

108612-45-9

$C_{24}H_{25}FN_6O$

2-[[1-[1-(p-Fluorobenzyl-2-benzimidazolyl)-4-piperidyl]methylamino]-4(3H)-pyrimidinone.

SL-850324. Selective histamine H₁ receptor antagonist. Antihistaminic.

3961 Moxastine

3572-74-5

6370

$C_{18}H_{23}NO$

2-(1,1-Diphenylethoxy)-N,N-dimethylethylamine.

Spofa 325; Alfadryl; α-methyldiphenhydramine. Antihistaminic. bp_{0.15} = 129-136°; [hydrochloride]: mp = 168°.

3962 N-Hydroxyethylpromethazine Hydrochloride

2090-54-2

4870

$C_{19}H_{25}ClN_2OS$

N-(2-Hydroxyethyl)-N,N,α-trimethyl-10H-phenothiazine-10-ethanaminium chloride.

Aprobit. Antihistaminic. mp = 233°.

3963 Noberastine

110588-56-2

$C_{17}H_{21}N_5O$

3-(5-Methylfurfuryl)-2-(4-piperidylamino)-3H-imidazo[4,5-b]pyridine.

R-64947. Antihistaminic. *Janssen Pharmaceutical Inc.*

3964 Orphenadrine

83-98-7

7007

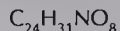
$C_{18}H_{23}NO$

N,N-Dimethyl-2-[(o-methyl-α-phenylbenzyl)oxy]-ethylamine.

BS-5930; Biorphen; Brocasipal. Antihistaminic. $bp_{12} = 195^\circ$. *3M Pharmaceuticals*.

3965 Orphenadrine Citrate

4682-36-4 7007 225-137-5

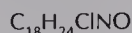


N,N-Dimethyl-2-[(o-methyl- α -phenylbenzyl)oxy]ethylamine citrate.

Banflex; Disipal; Norflex; Norgesic; X-Otag. Antihistaminic. Also used as a skeletal muscle relaxant. *3M Pharmaceuticals*.

3966 Orphenadrine Hydrochloride

7007

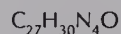


N,N-Dimethyl-2-[(o-methyl- α -phenylbenzyl)oxy]-ethylamine hydrochloride.

Disipal; Mephenamin. Antihistaminic. mp = 156-157°; soluble in H_2O , EtOH, $CHCl_3$; insoluble in Me_2CO , C_6H_6 , Et_2O . *3M Pharmaceuticals*.

3967 Oxatimide

60607-34-3 7058 262-320-9

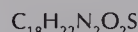


1-[3-[4-(Diphenylmethyl)-1-piperazinyl]propyl]-2-benzimidazolinone.

R-35443; Celteq; Cobiona; Dasten; Tinset. Antihistaminic, antiallergic and antiasthmatic. mp = 154°; LD_{50} (rat orl) > 2560 mg/kg, (rat iv) = 30 mg/kg, (gpg orl) = 320 mg/kg, (gpg iv) = 27 mg/kg, (mus orl) > 2560 mg/kg, (mus iv) = 27 mg/kg. *Janssen Pharmaceutical, Belgium*.

3968 Oxomemazine

3689-50-7 7080 222-996-8



10-[3-(Dimethylamino)-2-methylpropyl]phenothiazine 5,5-dioxide.

RP-6847; [hydrochloride]: Doxergan; Imakol. Selective muscarinic M_1 receptor antagonist. Useful as an antihistaminic. mp = 115°; [hydrochloride]: mp = 250°.

3969 Phenindamine

82-88-2 7380 209-320-7

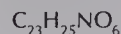


2,3,4,9-Tetrahydro-2-methyl-9-phenyl-1H-indeno[2,1-c]pyridine.

Nu-1504. Antihistaminic. mp = 91°; d = 1.17. *Hoffmann-LaRoche Inc.; Solvay Pharmaceuticals*.

3970 Phenindamine Tartrate

569-59-5 7380

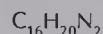


2,3,4,9-Tetrahydro-2-methyl-9-phenyl-1H-indeno[2,1-c]-pyridine tartrate.

Thephorin; PV Tussin Syrup; PV Tussin Tablet; Pernovin. Antihistaminic. mp = 165-167°; soluble in H_2O (25 g/l), insoluble in EtOH; LD_{50} (rat orl) = 280 mg/kg. *Hoffmann-LaRoche Inc.; Solvay Pharmaceuticals*.

3971 Pheniramine

86-21-5 7383



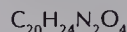
2-[α]-2-Dimethylaminoethylbenzylpyridine.

prophenpyridamine; propheniramine; Avil; Tripton.

Antihistaminic. $bp_{13} = 181^\circ$; d = 1.0081; insoluble in H_2O ; soluble in dilute acids, organic solvents. *Whitehall-Robins; Alcon Labs*.

3972 Pheniramine Maleate

132-20-7 7383 205-051-4



2-[α]-[2-Dimethylaminoethylbenzyl]pyridine bimalate.

Dristan Nasal Spray; Naphcon A; Daneral, Daneral SA; Inhiston; Trimeton. Antihistaminic. mp = 107°; soluble in H_2O , EtOH; less soluble in organic solvents. *Whitehall-Robins; Alcon Labs*.

3973 Phenyltoloxamine

92-12-6 7469

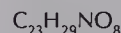


N,N-Dimethyl-2-(α -phenyl-o-toloxo)ethylamine.

Antihistaminic. $bp_{0,1} = 141-144^\circ$. *Schwarz Pharma Kremers Urban Co.; Ascher, B.F. & Co.; Apothecon; Parke-Davis*.

3974 Phenyltoloxamine Citrate

1176-08-5 7469

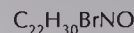


N,N-Dimethyl-2-(α -phenyl-o-toloxo)ethylamine citrate.

Kutrase; Mobigesic; Naldecon; Sinubid. Antihistaminic. mp = 138-140°; soluble in H_2O . *Schwarz Pharma Kremers Urban Co.; Ascher, B.F. & Co.; Apothecon; Parke-Davis*.

3975 Pirdonium Bromide

35620-67-8

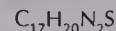


1,1-Dimethyl-2-[(p-methyl- α -phenylbenzyl)oxy]-methylpiperidinium bromide.

A hydrophilic histamine H_1 -receptor antagonist.

3976 Promethazine

60-87-7 7970

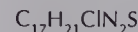


10-[2-(Dimethylamino)propyl]phenothiazine.

Proazamine; RP-3277. Antihistaminic. Also has anti-emetic and CNS depressant properties. mp = 60°; $bp_3 = 190-192^\circ$. *Wyeth Labs.; Rhône-Poulenc*.

3977 Promethazine Hydrochloride

58-33-3 7970



10-[2-(Dimethylamino)propyl]phenothiazine hydrochloride.

Anergan 25; Anergan 50; Phenergan; Mepergan; Phanergan D; Phenergan VC; RP-3389; Atosil; Dorme; Duplamin; Fellozine; Fenazil; Genphen; Hiberna; Lergigan; Phencen; Phenergan; Prorex; Prothazine; Provigan; Remsed. Antihistaminic. Also has anti-emetic and CNS depressant properties. mp = 230-232°; $\lambda_m = 249, 297 \text{ nm}$ ($\epsilon = 28770, 3400$); freely soluble in H_2O , EtOH, $CHCl_3$; insoluble in Me_2CO , EtOAc, Et_2O ; LD_{50} (mus iv) = 55 mg/kg. *Wyeth Labs.; Rhône-Poulenc*.

3978 Promethazine Teoclate

17693-51-5 7970



10-[2-(Dimethylamino)propyl]phenothiazine compound

of 8-chlorotheophylline.

proazamine; RP-3277; Avomine. Antihistaminic. Also has anti-emetic and CNS depressant properties. *Wyeth Labs.; Rhône-Poulenc.*

3979 Pyribenzamine

91-81-6 9868

$C_{16}H_{21}N_3$

2-[Benzyl[2-(dimethylamino)ethyl]amino]pyridine.

Tripeleennamine. Antihistaminic. $bp_{0.1} = 138-142^\circ$; soluble in H_2O . *Ciba-Geigy Corp.; Solvay Animal Health, Inc.*

3980 Pyribenzamine Citrate

6138-56-3 9868

$C_{22}H_{29}N_3O_7$

2-[Benzyl[2-(dimethylamino)ethyl]amino]pyridine citrate. Antihistaminic and anti-allergic. $mp = 106-110^\circ$; soluble in H_2O , EtOH; less soluble in non-polar solvents. *Ciba-Geigy Corp.; Solvay Animal Health, Inc.*

3981 Pyribenzamine Hydrochloride

154-69-8 9868

$C_{16}H_{22}ClN_3$

2-[Benzyl[2-(dimethylamino)ethyl]amino]pyridine hydrochloride.

Re Covr; Dehistin; Azaron; Pyribenzamine; PBZ; Vetobenzamina; Vetibenzamine. Antihistaminic. $mp = 192-193^\circ$; $\lambda_m = 244, 305 \text{ nm}$ (ϵ 14470, 4780 H_2O); soluble in H_2O (1.3 g/ml), less soluble in organic solvents; LD_{50} (mus ip) = 47 mg/kg. *Ciba-Geigy Corp.; Solvay Animal Health, Inc.*

3982 Pyrilamine

91-84-9 8168

$C_{17}H_{23}N_3O$

2-[[2-(Dimethylamino)ethyl](p-methoxybenzyl)-amino]pyridine.

mepyramine; pyranisamine; RP-2786. Antihistaminic. $bp_5 = 201^\circ$; LD_{50} (mus orl) = 312 mg/kg. *Schering-Plough HealthCare Products; Hoechst-Roussel Pharmaceuticals Inc.; Bristol-Myers Products; Sonus Pharmaceuticals, Inc.; Sterling Health U.S.A.; Whitehall-Robins.*

3983 Pyrilamine Maleate

59-33-6 8168 200-422-7

$C_{21}H_{27}N_3O_5$

2-[[2-(Dimethylamino)ethyl](p-methoxybenzyl)amino]-pyridine maleate.

Histavet-P; Pymafed; Histalet Forte; Midol; PV Tussin Syrup; Robitussin; Antamine; Antisan; Dorantamin; Enrumay; Histalon; Histan; Histapyran; Histatex; Neo-Antergan; Paraminyl; Parmal; Pyramal; Stamine; Stangen; Thylogen. Antihistaminic. $mp = 100-101^\circ$; $\lambda_m = 244 \text{ nm}$ ($\epsilon_{1 \text{ cm}}^{1\%} 420$); soluble in H_2O (2.5 g/ml), less soluble in organic solvents; LD_{50} (mus orl) = 338 mg/kg. *Schering-Plough HealthCare Products; Hoechst-Roussel Pharmaceuticals Inc.; Bristol-Myers Products; Sonus Pharmaceuticals, Inc.; Sterling Health U.S.A.; Whitehall-Robins.*

3984 Pyroxamine

7009-68-9

$C_{18}H_{20}ClNO$

3-[(p-Chlorochloro- α -phenylbenzyl)oxy]-1-

methylpyrrolidine.

Antihistaminic. *Whitehall-Robins.*

3985 Pyroxamine Maleate

5560-75-8

$C_{22}H_{24}ClNO_5$

3-[(p-Chlorochloro- α -phenylbenzyl)oxy]-1-methylpyrrolidine maleate.

AHR-224; NSC-64540. Antihistaminic. *Whitehall-Robins.*

3986 Pyrrobutamine

91-82-7 8196

$C_{20}H_{22}ClN$

1-[σ -(p-Chlorobenzyl)cinnyl]pyrrolidine.

Antihistaminic. $mp = 48-49^\circ$; $bp_{0.3} = 190-195^\circ$; $d^{25} = 1.1052$; $\lambda_m = 360, 243 \text{ nm}$ (α 112, 9500 95% EtOH). *Eli Lilly & Co.*

3987 Pyrrobutamine Phosphate

135-31-9 8196

$C_{20}H_{28}ClNO_8P_2$

1-[σ -(p-Chlorobenzyl)cinnyl]pyrrolidine phosphate.

Pyrnil. Antihistaminic. $mp = 129-130^\circ$; soluble in H_2O (10 g/100ml), EtOH; less soluble in organic solvents; LD_{50} (mus orl) = 1116 mg/kg, (mus sc) = 1270 mg/kg, (mus im) = 837 mg/kg, (mus iv) = 53.5 mg/kg, (gpg sc) = 1241 mg/kg, (gpg im) = 625 mg/kg, (gpg orl) = 992 mg/kg. *Eli Lilly & Co.*

3988 Quifenadine

10447-39-9

$C_{20}H_{23}NO$

α, α -Diphenyl-3-quinuclidinemethanol.

phencarol [hydrochloride]; fencarol [hydrochloride].

Derivative of quinuclidylarylcarbinol. Antihistaminic.

3989 Rocastine

91833-77-1

$C_{13}H_{19}N_3OS$

($\pm$)-2-[2-(Dimethylamino)ethyl]-3,4-dihydro-4-methylpyrido[3,2-f]-1,4-oxazepine-5(2H)-thione.

Antihistaminic. *Whitehall-Robins.*

3990 Rocastine Hydrochloride

99617-35-3

$C_{13}H_{20}ClN_3OS \cdot H_2O$

($\pm$)-2-[2-(Dimethylamino)ethyl]-3,4-dihydro-4-methylpyrido[3,2-f]-1,4-oxazepine-5(2H)-thione monohydrochloride monohydrate.

AHR-11325-D; . Antihistaminic. *Whitehall-Robins.*

3991 Rotoxamine

5560-77-0 1845

$C_{16}H_{19}ClN_2O$

(-)-2-[p-Chloro- α [2-(dimethylamino)ethoxy]benzyl]-pyridine.

l-carbinoxamine; McN-R-73-Z. Antihistaminic. $bp_{0.5} = 143-144^\circ$; $[\alpha]_D^{25} = -6.8^\circ$ (c = 2 MeOH). *McNeil Consumer Products Co.*

3992 Rotoxamine Tartrate

49746-00-1 1845

$C_{20}H_{25}ClN_2O_7$

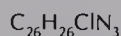
(-)-2-[p-Chloro- α [2-(dimethylamino)ethoxy]benzyl]-

pyridine tartrate.

Twiston. Antihistaminic. mp = 143-145°; $[\alpha]_D^{25} = 37.2^\circ$ (c = 20 MeOH). *McNeil Consumer Products Co.*

3993 Rupatadine

158876-82-5



8-Chloro-6,11-dihydro-11-[1-[(5-methyl-3-pyridinyl)-methyl]-4-piperidinylidene]-5H-benzo[5,6]-cyclohepta[1,2b]pyridine.

UR-12592. Orally active dual antagonist of histamine and platelet-activating factor.

3994 Rynacrom

15826-37-6

2658

239-926-7



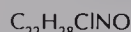
Disodium 5,5'-[(2-hydroxytrimethylene)dioxy]bis[4-oxo-4H-1-benzopyran-2-carboxylate.

Crolom; Gastrocom; Intal; Nasalcrom; FPL.670; cromolyn sodium; disodium cromoglycate; DSCG; FPL-670; Aarane; Alercrom; Alerion; Allergocrom; Colimune; Cromovet; Fivent; Gastrofrenal; Inostril; Intal; Introl; Irtan; Lomudal; Lomupren; Lomusol; Lomuspray; Nalcrom; Nalcron; Nasalcrom; Nasmil; Opticrom; Rynacrom; Sofro; Vividrin. Antihistaminic and anti-allergic. Soluble in H₂O, insoluble in organic solvents; LD₅₀ (rat orl) > 8000 mg/kg. *Bausch & Lomb Pharmaceuticals, Inc.; Fisons Corp.*

3995 Setastine

64294-95-7

8619



1-[2-[(p-Chloro-α-methyl-α-phenylbenzyl)oxy]ethyl]-hexahydro-1H-azepine.

Antihistaminic. *EGYT.*

3996 Setastine Hydrochloride

59767-13-4

8619



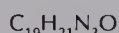
1-[2-[(p-Chloro-α-methyl-α-phenylbenzyl)oxy]ethyl]hexahydro-1H-azepine hydrochloride.

EGIS-2062; EGYT-2062; Loderix. Antihistaminic. *EGYT.*

3997 Talastine

16188-61-7

9205



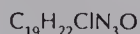
2-[2-(Dimethylamino)ethyl]-4-benzyl-1(2H)phthalazinone.

Antihistaminic. bp_{0.3} = 215-222°.

3998 Talastine Hydrochloride

16188-76-4

9205



2-[2-(Dimethylamino)ethyl]-4-benzyl-1(2H)phthalazinone hydrochloride.

HL-2186; Ahanon. Antihistaminic. mp = 178°; LD₅₀ (mus ip) = 116 mg/kg.

3999 Tazifylline

79712-55-3



(±)-7-[2-Hydroxy-3-[4-[3-(phenylthio)propyl]-1-piperazinyl]propyl]theophylline.

Antihistaminic.

4000 Tazifylline Hydrochloride

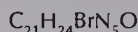
79712-53-1



(±)-7-[2-Hydroxy-3-[4-[3-(phenylthio)propyl]-1-piperazinyl]propyl]theophylline dihydrochloride. RS-49014. Antihistaminic.

4001 Temelastine

86181-42-2



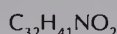
2-[4-(5-Bromo-3-methyl-2-pyridyl)butyl]amino]-5-[(6-methyl-3-pyridyl)methyl]-4(1H)-pyrimidinone.

SKF-93944. Antihistaminic. *SmithKline Beecham Pharmaceuticals.*

4002 Terfenadine

50679-08-8

9307



α[4-(1,1-Dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)-1-piperidinebutanol.

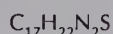
Seldane; MDL-9918; Allerplus; Cyater; Nebralin; Teldane; Teldanex; Terdin; Terfex; Ternadin; Triludan.

Antihistaminic. mp = 146.5 - 148.5°; λ_m = 260 nm (A 660.4, MeOH), 260 nm (A 671.4 EtOH), 260 nm (A 762.2 CH₂Cl₂); soluble in H₂O (1 mg/100 ml), EtOH (3.78 g/100 ml), MeOH (3.75 g/100 ml), C₆H₁₄ (34 mg/100 ml), 0.1M HCl (12 mg/100 ml), 0.1M citric acid (110 mg/100 ml), 0.1M tartaric acid (110 mg/100 ml); LD₅₀ (rat mus gpg orl) > 2000 mg/kg. *Merrell Pharmaceuticals Inc.*

4003 Thenaldine

86-12-4

9413



1-Methyl-4-N-2-thenylanilinopiperidine.

thenalidine; Sandostene. Antihistaminic and antipruritic. bp_{0.02} = 158-160°; mp = 95-97°; [tartrate]: mp = 170-172°. *Sandoz Pharmaceuticals Corp.*

4004 Thenyldiamine

91-79-2

9416



2-[2-(Dimethylamino)ethyl]-3-thenylamino]pyridine.

Win-2848; Thenfadil; dethylandiamine. Antihistaminic. bp₁ = 169-172°.

4005 Thenyldiamine Hydrochloride

958-93-0

9416



2-[2-(Dimethylamino)ethyl]-3-thenylamino]pyridine hydrochloride.

Antihistaminic. mp = 169.5-170; soluble in H₂O (< 20 g/100 ml); LD₅₀ (rat orl) = 525 mg/kg.

4006 Thiazinamium

2338-21-8

9441

219-051-7

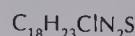


Trimethyl(1-methyl-2-phenothiazin-10-ylethyl)ammonium.

Antihistaminic.

4007 Thiazinamium Chloride

4320-13-2



Trimethyl(1-methyl-2-phenothiazin-10-ylethyl)ammonium chloride.
WY-460E. Antihistaminic.

4008 Thiazinamium Metilsulfate

58-34-4 9441

$C_{18}H_{23}ClN_2S$

Trimethyl(1-methyl-2-phenothiazin-10-ylethyl)-ammonium chloride.

WY-460E; RP-3554; Multergan; Padisal. Antihistaminic and antiallergic. mp = 206-210° (dec); soluble in H_2O (10 g/100 ml), EtOH; less soluble in Me_2CO ; insoluble in Et_2O , C_6H_6 . Wyeth-Ayerst Labs.

4009 Thonzylamine

91-85-0 9513

$C_{16}H_{22}N_4O$

2-[[2-(Dimethylamino)ethyl](p-methoxybenzyl)amino]pyrimidine.

Neohetramine. Antihistaminic. $bp_{2.2} = 185-187^\circ$; LD_{50} (gpg orl) = 493 mg/kg. Parke-Davis.

4010 Thonzylamine Hydrochloride

63-56-9 9513

$C_{16}H_{23}ClN_4O$

2-[[2-(Dimethylamino)ethyl](p-methoxybenzyl)amino]pyrimidine hydrochloride.

Super Anahist; Neohetramine hydrochloride; Tonamil. Antihistaminic. mp = 173-176°; soluble in H_2O , EtOH, $CHCl_3$; insoluble in Et_2O . Parke-Davis.

4011 Tolpropamine

5632-44-0 9662

$C_{18}H_{23}N$

N,N-Dimethyl-3-phenyl-3-p-tolylpropamine.

Topical antihistaminic and antipruritic. [hydrochloride]: mp = 182-184°.

4012 Triprolidine

486-12-4 9877

$C_{19}H_{22}N_2$

(E)-2-[3-(1-Pyrrolidinyl)-1-p-toluenepropenyl]pyridine.

Antihistaminic. mp = 59-61°; $\lambda_m = 236, 285$ nm (ϵ 15300, 6800 EtOH). Glaxo Wellcome Inc.; Sterling Health U.S.A.

4013 Triprolidine Hydrochloride

6138-79-0 9877

$C_{19}H_{23}ClN_2$

(E)-2-[3-(1-Pyrrolidinyl)-1-p-toluenepropenyl]pyridine monohydrochloride.

Actifed. Antihistaminic. Glaxo Wellcome Inc.; Sterling Health U.S.A.

4014 Triprolidine Hydrochloride [anhydrous]

550-70-9 9877

$C_{19}H_{23}ClN_2 \cdot H_2O$

(E)-2-[3-(1-Pyrrolidinyl)-1-p-toluenepropenyl]pyridine monohydrochloride monohydrate.

295C51; Actidil; Actidilon; Pro-Actidil; Pro-Entra; Venen. Antihistaminic. mp = 116-118°; $\lambda_m = 235, 283$ nm (ϵ 15000, 7400 EtOH); moderately soluble in H_2O , EtOH, MeOH. Glaxo Wellcome Inc.; Sterling Health U.S.A.

4015 Tritoqualine

14504-73-5 9894

$C_{26}H_{32}N_2O_8$

7-Amino-4,5,6-triethoxy-3-(5,6,7,8-tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinoli-5-yl)phthalide.

L-554; Hypostamine; tritocaline; Inhibostamin; Livalfa. Antihistaminic. mp = 183°.

4016 Zolamine

553-13-9 10319

$C_{15}H_{21}N_3OS$

N-[(4-Methoxyphenyl)methyl]-N',N'-dimethyl-N-2-thiazolyl-1,2-ethanediamine.

Antihistaminic. Isostere of pyrilamine, also has local anesthetic properties. $bp_1 = 217-219^\circ$. Schering Corp.

4017 Zolamine Hydrochloride

1155-03-9 10319

$C_{15}H_{22}ClN_3OS$

N-[(4-Methoxyphenyl)methyl]-N',N'-dimethyl-N-2-thiazolyl-1,2-ethanediamine hydrochloride.

194-B; WL-291; Otodyne. Antihistaminic. Isostere of pyrilamine, also has local anesthetic properties. mp = 167.5-167.8°; soluble in H_2O . Schering Corp.

Antihyperlipoproteinemics

4018 Acetiromate

2260-08-4

$C_{15}H_9I_3O_5$

4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodobenzoic acid acetate.

Hypolipidemic.

4019 Acifran

72420-38-3 112

$C_{12}H_{10}O_4$

(±)-4,5-Dihydro-5-methyl-4-oxo-5-phenyl-2-furoic acid.

AY-25712; Reductol. Hypolipidemic agent. mp = 176°; $\lambda_m = 281$ nm (ϵ 7960 MeOH); LD_{50} (rat orl) = 3 g/kg; [(-) isomer]: mp = 87-89°; $[\alpha]_D^{25} = -144.7^\circ$ (MeOH, c = 2.0). Ayerst.

4020 Acipimox

51037-30-0 113

$C_6H_6N_2O_3$

5-Methylpyrazinecarboxylic acid 4-oxide.

K-9321; Olbemox; Olbetam. Hypolipidemic agent. mp = 177-180°; LD_{50} (mus orl) = 3500 mg/kg. Farmitalia Carlo Erba SpA.

4021 Aluminum Clofibrate

24818-79-9 2437 246-477-0

$C_{20}H_{21}AlCl_2O_7$

Di-[2-(4-chlorophenoxy)-2-methylpropionato]hydroxylaluminum.

Alufibrate; Atherolip; Atherolipin. Hypolipidemic agent. A pharmaceutical used in the treatment of arteriosclerosis.

4022 Atorvastatin

134523-00-5

897

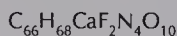


(β R, δ R)-2-(p-Fluorophenyl)- β , δ -dihydroxy-5-isopropyl-3-phenyl-4-(phenylcarbamoyl)pyrrole-1-heptanoic acid.
CI-981. Hypolipidemic agent. Hydroxymethylglutarate co-enzyme A reductase inhibitor. *Parke-Davis*.

4023 Atorvastatin Calcium

134523-03-8

897



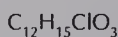
Calcium (β R, δ R)-2-(p-fluorophenyl)- β , δ -dihydroxy-5-isopropyl-3-phenyl-4-(phenylcarbamoyl)pyrrole-1-heptanoate.
probenecid-colchicine. Hypolipidemic agent.
Hydroxymethylglutarate co-enzyme A reductase inhibitor. $[\alpha]_D = -7.4^\circ$ (DMSO $c = 1$). *Parke-Davis*.

4024 Atromid-S

637-07-0

2436

211-277-4

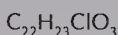


2-(4-Chlorophenoxy)-2-methylpropanoic acid ethyl ester.
Clofibrate; Amotril; Anparton; Apolan; Artevil; Ateculon; Ateriosan; Atheroprone; Atromidin; Atromid-S; Bioscleran; Claripex; Clobren-SF; Clofinit; CPIB; Hyclorate; Liprinal; Neo-Atromid; Normet; Normolipol; Recolip; Regelan; Serotinx; Sklerolip; Skleromex; Sklero-Tablinene; Ticlobran; Xyduril. Hypolipidemic agent.
Antihyperlipoproteinemic. $\text{bp}_{20} = 148-150^\circ$; insoluble in H_2O ; soluble in EtOH, Me_2CO , CHCl_3 , Et_2O ; LD_{50} (mus orl) = 1.28 mg/kg, (rat orl) = 1.65 g/kg. *Wyeth-Ayerst Labs.; ICI Chemicals and Polymers Ltd.*

4025 Beclobrate

55937-99-0

1046

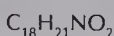


Ethyl ($\pm$)-2-[(α -(p-chlorophenyl)-p-tolyl)oxy]-2-methylbutyrate.

Sgd-24774; Beclipur; Turec. Hypolipidemic agent.
 $\text{bp}_{0.01-0.1} = 200-204^\circ$; LD_{50} (mus orl) = 8 g/kg.

4026 Beloxamide

15256-58-3



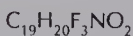
N-(Benzoyloxy)-N-(3-phenylpropyl)acetamide.

W-1372. Hypolipidemic agent. *Wallace Labs.*

4027 Benfluorex

23602-78-0

1066



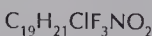
2-[[α -Methyl-m-(trifluoromethyl)phenethyl]amino]ethanol benzoate (ester).

S-780; SE-780; Minolip. Hypolipidemic agent. Colorless oil.

4028 Benfluorex Hydrochloride

23642-66-2

1066



2-[[α -Methyl-m-(trifluoromethyl)phenethyl]amino]ethanol benzoate (ester) monohydrochloride (salt).

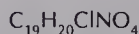
S-992; JP-992; Mediator; Medixal. Hypolipidemic agent.
 $\text{mp} = 161-162^\circ$. *C.M. Industries*.

4029 Bezafibrate

41859-67-0

1240

255-567-9



2-[4-[2-(4-Chlorobenzoyl)amino]-ethyl]phenoxy]-2-methylpropanoic acid.

BM-15075; Befizal; Bezalip; Bezatol; Cedur; Difaterol.
Hypolipidemic agent. Antihyperlipoproteinemic. $\text{mp} = 186^\circ$. *Boehringer Mannheim GmbH; C.M. Industries*.

4030 Binifibrate

69047-39-8

1267



2-(p-Chlorophenoxy) 2-methylpropionic acid ester with 1,3-dinicotinoyloxy-2-propanol.

WAC-104; Biniwas. Hypolipidemic agent. $\text{mp} = 100^\circ$;
 LD_{50} (mus, rat orl) > 4000 mg/kg.

4031 Boxidine

10355-14-3



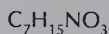
1-[2-[[4'-(Trifluoromethyl)[1,1'-biphenyl]-4-yl]oxy]ethyl]pyrrolidine.

CL-65205. Hypolipidemic agent.

4032 Carnitine

461-06-3

1898

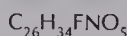


L-(3-Carboxy-2-hydroxypropyl)trimethylammonium hydroxide inner salt.

3-Hydroxy-4-trimethylammoniobutanoate; γ -Trimethyl- β -hydroxybutyrobetaine; levocarnitine; vitamin B_7 ; Cardiogen; Carnitene; Carnicor; Carnum; Carrier; Miocor; Miotonal; Vitacarn. Hypolipidemic agent. $\text{mp} = 197-198^\circ$ (dec); $[\alpha]_D^{30} = -23.9^\circ$ (H_2O $c = 0.86$); soluble in H_2O , hot EtOH; insoluble in Me_2CO , Et_2O , C_6H_6 .

4033 Cerivastatin

145599-86-6



(+)-(3R,5S,6E)-7-[4-(p-Fluorophenyl)-2,6-diisopropyl-5-(methoxymethyl)-3-pyridyl]-3,5-dihydroxy-6-heptenoic acid.

Hypolipidemic agent. Hydroxymethylglutarate co-enzyme A reductase inhibitor. *Bayer AG*.

4034 Cerivastatin Sodium

143201-11-0



(+)-Sodium (3R,5S,6E)-7-[4-(p-fluorophenyl)-2,6-diisopropyl-5-(methoxymethyl)-3-pyridyl]-3,5-dihydroxy-6-heptenoate.

Bay w 6228; Baycol. Hypolipidemic agent.
Hydroxymethylglutarate co-enzyme A reductase inhibitor. *Bayer AG*.

4035 Cetaben

55986-43-1



p-(Hexadecylamino)benzoic acid.

Hypolipidemic agent.

4036 Cetaben Sodium

64059-66-1



Sodium (p-hexadecylamino)benzoate.

CL-203821. Hypolipidemic agent.

4037 Cholestyramine Resin

11041-12-6 2257

Cholestyramine.

colestyramine; Cholybar; Duolite AP-143 Resin; Questran; Questran Light. Hypolipidemic agent. Ion exchange resin, insoluble in H₂O, organic solvents. *Parke-Davis; Rohm & Haas; Bristol Labs.*

4038 Cholexin

137-53-1 9555 205-301-2

C₁₅H₁₀I₄NNaO₄

Dextrothyroxine sodium.

Biotirmone; Cholexin; Detyroxin; Dethyrona; Dextroid; Dynothel; Eulipos; Sodium D-thyroxine. Hypolipidemic agent. Antihyperlipoproteinemic. *Boots Pharmaceuticals Inc.; The R.W. Johnson Pharmaceutical Res. Inst.; Knoll Pharmaceutical Co.*

4039 Chondroitin 4-Sulfate

24967-93-9 2270

Chondroitin4-(sodium sulfate).

ORG-10172. Hypolipidemic agent. Mucopolysaccharide; major constituent of the cartilagenous tissue in the body; Antihyperlipo-proteinemic agent. [α]^D = -28° to -32°. *Diosynth. B.V.*

4040 Chondroitin Sulfate

9007-28-7 2270 232-696-9

Chondroitin sulfuric acid.

Chonsurid; Structum. Hypolipidemic agent. Mucopolysaccharide; major constituent of the cartilagenous tissue in the body; Antihyperlipo-proteinemic agent. *Diosynth. B.V.*

4041 Ciprofibrate

52214-84-3 2373

C₁₃H₁₄Cl₂O₃

2-[4-(2,2-Dichlorocyclopropyl)phenoxy]-2-methylpropionic acid.

Win-35833; Ciprol; Lipanor; Modalim. Hypolipidemic agent. Chemically related to clofibrate. mp = 114-116°. *Sterling Winthrop, Inc.*

4042 Clinofibrate

30299-08-2 2415

C₂₈H₃₆O₆

2,2'-(4,4'-Cyclohexylidenediphenoxy)-2,2'-dimethyldibutyric acid.

S-8527; Lipoclin. Hypolipidemic agent. mp = 143-146°; insoluble in H₂O, soluble in organic solvents; LD₅₀ (mmus orl) = 1800 mg/kg, (mmus ip) = 255 mg/kg, (mmus sc) = 410 mg/kg, (mrat orl) > 4000 mg/kg, (mrat ip) = 205 mg/kg, (mrat sc) = 2200 mg/kg.

4043 Clofibrate

637-07-0 2436 211-277-4

C₁₂H₁₅ClO₃

Ethyl 2-(4-chlorophenoxy)-2-methylpropionate.

Clofibrac acid; Abitrate; Ethyl-α-p-chlorophenoxyisobutyrate; Atromid S; Amotril; Anparton; Apolan; Artevil; Ateculon; Arteriosan; Atheroprone; Atromidin; Bioscleran; Claripex; Clobren-SF; Clofinit; CPIB; Hyclorate; Liprinal; Neo-Atromid; Normet; Normolipol; Recolip; Regelan; Serotinx; Sklerolip; Sklerempex; Sklero-Tablinene; Ticlobran; Xyduril. Hypolipidemic agent. Antihyperlipoproteinemic. bp₂₀ =

148-150°; insoluble in H₂O, soluble in organic solvents; LD₅₀ (rat orl) = 1.65 g/kg. *Wyeth-Ayerst Labs.*

4044 Clofibrac Acid

882-09-7 2437 212-925-9

C₁₀H₁₁ClO₃

2-(4-Chlorophenoxy)-2-methylpropanoic acid.

chlorophibrinac acid; Arteriohom; Regulipid. Hypolipidemic agent. Antihyperlipoproteinemic. mp = 118-119°; LD₅₀ (rat orl) = 897 mg/kg. *Wyeth-Ayerst Labs.*

4045 Clofibride

26717-47-5

C₁₆H₂₂ClNO₄

2-(p-Chlorophenoxy)-2-methylpropionic acid ester with 4-hydroxy-N,N-dimethylbutylamide.

Antihyperlipoproteinemic.

4046 Colestipol

26658-42-4 2538

N-(2-Aminoethyl)-N'-[(2-aminoethyl)amino]ethyl-1,2-ethanediamine polymer with (chloromethyl)oxirane.

Hypolipidemic agent. *Pharmacia & Upjohn, Inc.*

4047 Colestipol Hydrochloride

37296-80-3 2538

N-(2-Aminoethyl)-N'-[(2-aminoethyl)amino]ethyl-1,2-ethanediamine polymer with (chloromethyl)oxirane hydrochloride salt.

U-26597A; Cholestabyl; Lestid; Colestid. Hypolipidemic agent. A basic anion-exchange resin, highly cross-linked and insoluble; antihyperlipoproteinemic. LD₅₀ (rat orl) > 1000 mg/kg. *Pharmacia & Upjohn, Inc.*

4048 Colextran

9015-73-0 2980

Dextran 2-(diethylamino)ethyl ether.

diethylaminoethyl dextran; Detaxtran; DEAE-dextran; basic Dextran. Hypolipidemic agent. Soluble in H₂O, saline. *Pharmacia & Upjohn, Inc.*

4049 Dulofibrate

61887-16-9

C₁₆H₁₄Cl₂O₃

p-Chlorophenyl 2-(p-chlorophenoxy)-2-methylpropionate.

Antihyperlipoproteinemic.

4050 Eniclobrate

60662-18-2

C₂₄H₂₄ClNO₃

3-Pyridylmethyl (±)-2-[[α-(p-chlorophenyl)-p-tolyl]oxy]-2-methylbutyrate.

Antihyperlipoproteinemic.

4051 Ethyl Icosapentate

73310-10-8

C₂₂H₃₄O₂

Ethyl all-cis-5,8,11,14,17-icosapentaenoic acid.

Antihyperlipoproteinemic.

4052 Etofibrate

31637-97-5 3923

C₁₈H₁₈ClNO₅

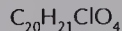
2-Hydroxyethyl nicotinate 2-(p-chlorophenoxy)-2-methylpropionate (ester).

ethofibrate; Lipo-Merz. Hypolipidemic agent. mp = 100°.

4053 Fenofibrate

49562-28-9

4019



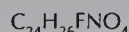
Isopropyl 2-[p-(p-chlorobenzoyl)phenoxy]-2-methylpropionate.

Procetofen; Procetofene; LF-178; Ankebin; Elasterin; Fenobrate; Fenotard; Lipanthyl; Lipantil; Lipidil; Lipoclar; Lipofene; Liposit; Lipsin; Nolipax; Procetoken; Protolipan; Secalip. Hypolipidemic agent. mp = 80-81°; insoluble in H₂O; slightly soluble in EtOH, MeOH; more soluble in non-polar solvents; LD₅₀ (mus orl) = 1600 mg/kg.

4054 Fluvastatin

93957-54-1

4250



(±)-(3R*,5S*,6E)-7-(3-p-Fluorophenyl)-1-isopropylindol-2-yl]-3,5-dihydroxy-6-heptenoic acid.

Hypolipidemic agent. Hydroxymethylglutarate co-enzyme A reductase inhibitor. *Sandoz Pharmaceuticals Corp.*

4055 Fluvastatin Sodium

93957-55-2

4250



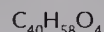
Sodium (±)-(3R*,5S*,6E)-7-(3-p-fluorophenyl)-1-isopropylindol-2-yl]-3,5-dihydroxy-6-heptenoate.

XU-62320; Lescol; fluindostatin. Hypolipidemic agent. Hydroxymethylglutarate co-enzyme A reductase inhibitor. mp = 194-197°. *Sandoz Pharmaceuticals Corp.*

4056 Gamma Oryzanol

11042-64-1

7016

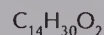


9,19-Cyclo-9β-lanost-24-en-3β-ol 4-hydroxy-3-methoxy cinnamate.

OZ; γ-OZ; γ-orizanoli; Caclate; Gammajust 50; Gamma-OZ; Gammariza; Gammatsul; Guntrin; Hi-Z; Maspiron; Oliver; Oryvita; Oryzaal; Thiaminogen. Hypolipidemic agent with antiulcerative properties. mp = 135-137°; λ_m = 216, 231, 291, 315 nm (heptane). *Toyo Koatsu Co., Ltd.*

4057 Gemcadiol

35449-36-6

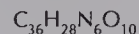


2,2,9,9-Tetramethyl-1,10-decanediol.

Cl-720. Hypolipidemic agent. *Parke-Davis.*

4058 Glunicate

80763-86-6

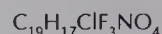


2-Deoxy-2-nicotinamido-β-D-glucopyranose 1,3,4,6-tetranicotinate.

Has hypolipidemic properties.

4059 Halofenate

26718-25-2



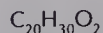
(p-Chlorophenyl)[(α,α,α-trifluoro-m-tolyl)oxy]acetic acid ester with N-(2-hydroxyethyl)acetamide.

Lipivas. Hypolipidemic agent, also uricosuric.

4060 Icosapent

10417-94-4

3572

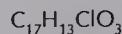


(all Z)-5,8,11,14,17-Eicosapentaenoic acid.

Hypolipidemic agent. Prostaglandin and thromboxane precursor. Colorless oil.

4061 Itanoxone

58182-63-1



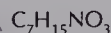
2-[p-(o-Chlorophenyl)phenacyl]acrylic acid.

Antihyperlipoproteinemic agent.

4062 Levocarnitine

541-15-1

1898

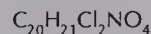


L-(3-Carboxy-2-hydroxypropyl)trimethylammonium hydroxide inner salt.

3-Hydroxy-4-trimethylammoniobutanoate; γ-Trimethyl-β-hydroxybutyrobetaine; levocarnitine; vitamin B₇; Cardiogen; Carnitene; Carnicor; Carnum; Carrier; Miocor; Miotonal; Vitacarn. Hypolipidemic agent. mp = 197-198° (dec); [α]_D³⁰ = -23.9° (H₂O c = 0.86); soluble in H₂O, hot EtOH; insoluble in Me₂CO, Et₂O, C₆H₆. *Sigma-Tau Pharmaceuticals, Inc.*

4063 Lifibrate

22204-91-7



1-Methyl-4-piperidyl glyoxylate

2-[bis(p-chlorophenyl)acetal].

42-348. Hypolipidemic agent. *Sandoz Pharmaceuticals Corp.*

4064 Lorelco

23288-49-5

7935

245-560-9



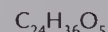
Acetone bis(3,5-di-t-butyl-4-hydroxyphenyl) mercaptole.

Probucol; DH-581; Lurselle; Sinlestal. Hypolipidemic agent. Prescription drug for the treatment of hypercholesterolemia. mp = 124.5-126°, 125-126.5°. *Merrell Pharmaceuticals Inc.*

4065 Lovastatin

75330-75-5

5616



[1S-[1α(R*),3α,7β,8β(2S*,4S*),8αβ]]-2-Methylbutanoic acid 1,2,3,7,8,8a-hexahydro-3,7-dimethyl-8-[2-(tetrahydro-4-hydroxy-6-oxo-2H-pyran-2-yl)ethyl]-1-naphthalenyl ester.

mevinolin; monacolin K; MK-803; Lovalip; Mevacor; Mevinacor; Mevlor; Sivlor. Hypolipidemic agent. HMG-CoA reductase inhibitor; used as an antihypercholesterolemic agent. mp = 174°; [α]_D²⁵ = 323° (c = 0.5 CH₃CN); λ_m = 231, 238, 247 nm (A^{1%} 532, 621, 418); almost insoluble in H₂O, soluble in organic solvents; LD₅₀ (mus orl) > 1000 mg/kg.

4066 Magnesium Clofibrate

14613-30-0

2437



Bis[2-(p-chlorophenoxy)-2-methylpropionato]magnesium. UR-112; Clomag. Hypolipidemic agent. mp = 326-328°; soluble in H₂O (0.45 g/100 ml), EtOH (7 g/100 ml), CHCl₃ (0.02 g/100 ml).

4067 Meglutol

503-49-1 5852



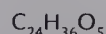
3-Hydroxy-3-methylglutaric acid.

C8-337; dicrotalic acid; medroglutaric acid; HMG; HMGA; Lipoglutaren; Mevalon. Hypolipidemic. mp = 108-109°; soluble in H₂O; LD₅₀ (mus orl) = 7.33 g/kg, (mus ip) - 3.23 g/kg. *Hoechst-Roussel Pharmaceuticals*.**4068 Melinamide**

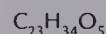
14417-88-0 5864

N-(α -Methylbenzyl)linoleamide.M8LA; AC-223; Artes. Hypolipidemic agent. mp < 4°; bp_{0.03} = 200-215°; bp_{0.07} = 200-204°. *Sumitomo*.**4069 Mevacor**

75330-75-5 5616

[1S-[1 α (R*),3 α ,7 β ,8 β (2S*,4S*),8 α]]-2-Methylbutanoic acid 1,2,3,7,8,8a-hexahydro-3,7-dimethyl-8-[2-(tetrahydro-4-hydroxy-6-oxo-2H-pyran-2-yl)ethyl]-1-naphthalenyl ester.mevinolin; monacolin K; MK-803; Lovalap; Lovastatin; Mevinacor; Mevlor; Sivlor. Hypolipidemic agent. HMG-CoA reductase inhibitor; used as an antihypercholesterolemic agent. mp = 174°; [α]_D²⁵ = 323° (c = 0.5 CH₃CN); λ_m = 231, 238, 247 nm ($A^{1\%}$ 532, 621, 418); almost insoluble in H₂O, soluble in organic solvents; LD₅₀ (mus orl) > 1000 mg/kg. *Merck & Co., Inc.***4070 Mevastatin**

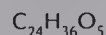
73573-88-3 6251



(1S,7S,8S,8aR)-1,2,3,7,8,8a-Hexahydro-7-methyl-8-[2-[(2R,4R)-tetrahydro-4-hydroxy-6-oxo-2H-pyran-2-yl)ethyl]-1-naphthyl (S)-2-methylbutyrate.

Hypolipidemic agent. HMG-CoA reductase inhibitor; used as an antihypercholesterolemic agent. mp = 152°; [α]_D²² = 283° (Me₂CO c = 0.48); λ_m = 230, 237, 246 nm (log ϵ 4.28, 4.30, 4.11). *Sankyo*.**4071 Mevinacor**

75330-75-5 5616

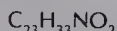
[1S-[1 α (R*),3 α ,7 β ,8 β (2S*,4S*),8 α]]-2-Methylbutanoic acid 1,2,3,7,8,8a-hexahydro-3,7-dimethyl-8-[2-(tetrahydro-4-hydroxy-6-oxo-2H-pyran-2-yl)ethyl]-1-naphthalenyl ester.mevinolin; monacolin K; MK-803; Lovalap; Lovastatin; Mevinacor; Mevlor; Sivlor. Hypolipidemic agent. HMG-CoA reductase inhibitor; used as an antihypercholesterolemic agent. mp = 174°; [α]_D²⁵ = 323° (c = 0.5 CH₃CN); λ_m = 231, 238, 247 nm ($A^{1\%}$ 532, 621, 418); almost insoluble in H₂O, soluble in organic solvents; LD₅₀ (mus orl) > 1000 mg/kg. *Merck & Co., Inc.***4072 Nafenopin**

3771-19-5

2-Methyl-2-[4-(1,2,3,4-tetrahydro-1-naphthyl)phenoxy]propionic acid.

Su-13437; TPIA; ch 13-437; ciba 13437 su; c 13437 su. Hypolipidemic agent. mp = 117-118°. *Ciba plc.***4073 Nicanartine**

150443-71-3

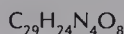


(5-(3,5-Di-tert-butyl)-4-hydroxyphenyl)-1-(3-pyridyl)-2-oxapentane.

MRZ-3/124. Antioxidant with atherosclerotic plaque-reducing activity.

4074 Niceritrol

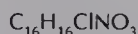
5868-05-3 6581



3-Pyridinecarboxylic acid 2,2-bis[[3-pyridinylcarbonyl]oxy]methyl]-1,3-propanediyl ester. pentaerythritol tetranicotinate; 8-AL; Perycit; 8ufor.

Hypolipidemic agent. mp = 160-162°, 163-164°; LD₅₀ (mus orl) > 20 g/kg, (mus sc) > 5 g/kg; (mus ip) > 5 g/kg, (rat orl) > 20 g/kg, (rat sc) > 5 g/kg, (rat ip) > 5 g/kg, (rbit orl) > 10 g/kg, (rbit ip) > 5 g/kg.**4075 Nicofibrate**

31980-29-7 6604



3-Pyridylmethyl 2-(p-chlorophenoxy)-2-methylpropionate.

clofenpyride. Hypolipidemic. mp = 48-49°; bp_{0.4} = 180°. [hydrochloride salt]: mp = 115.5-118.5°. *Merck & Co.***4076 Oxiniac Acid**

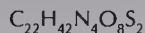
2398-81-4 7075



Nicotinic acid 1-oxide.

3-carboxypyridine N-oxide. Hypolipidemic agent. mp = 244-245°; slightly soluble in H₂O, AcOH; less soluble in EtOH; insoluble in non-polar organic solvents; λ_m = 220, 260 nm (ϵ 22400, 10200 0.1N H₂SO₄).**4077 Pantethine**

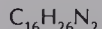
16816-67-4 7144



D-Bis(N-pantothényl)-2-aminoethyl)-disulfide.

Lipodel; Pantetina; Panthecin; Pantomin; Pantosin. Hypolipidemic agent. [α]_D²⁷ = 13.5° (H₂O c = 3.75); soluble in H₂O, EtOH; insoluble in other organic solvents.**4078 Pimetine**

3565-03-5

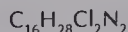


4-8enzy-1-[2-(dimethylamino)ethyl]piperidine.

Hypolipidemic agent.

4079 Pimetine Hydrochloride

4991-68-8



4-8enzy-1-[2-(dimethylamino)ethyl]piperidine dihydrochloride.

Hypolipidemic agent.

4080 Pirifibrate

55285-45-5 7650



[6-(Hydroxymethyl)-2-pyridyl]methyl 2-(p-chlorophenoxy)-2-methylpropionate.

EL-466; 8ratenol. Hypolipidemic agent. mp = 46°; LD₅₀ (mus ip) = 915-1098 mg/kg. *Hoechst-Roussel*

Pharmaceuticals Inc.

4081 Pirinixic acid

50892-23-4



[[4-Chloro-6-(2,3-xylidino)-2-pyrimidinyl]thio] acetic acid.

WY-14643. Peroxisome proliferator; produces a significant hepatomegaly and induces the peroxisomal fatty acid beta-oxidation enzyme system together with profound proliferation of peroxisomes in hepatic parenchymal cells. Antihyperlipoproteinemic.

4082 Pirinixil

65089-17-0



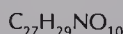
2-[[4-Chloro-6-(2,3-xylidino)-2-pyrimidinyl]thio]-N-(2-hydroxyethyl)acetamide.

BR-931. Peroxisome proliferator. Antihyperlipoproteinemic.

4083 Pirozadil

54110-25-7

7662



2,6-Pyridinediyl dimethylenebis(3,4,5-trimethoxybenzoate).

722-D; Pemix. Hypolipidemic agent. mp = 119-126°; soluble in CHCl_3 , dioxane, CH_3CN ; insoluble in Et_2O , H_2O .

4084 Polidexide

56227-39-5

Poly-[2-(diethylamino)ethyl] polyglycerylenedextran.

Secholex. An ion-exchange resin that acts as a bile acid-sequestering agent. Antihyperlipoproteinemic.

4085 Polidexide Sulfate

63494-82-6

Dextran 2-(diethylamino)ethyl 2-[[2-(diethylamino)ethyl]-diethylamino]ethyl ester sulfate epichlorohydrin crosslinked.

An ion-exchange resin that acts as a bile acid-sequestering agent. Antihyperlipoproteinemic.

4086 Probuco

23288-49-5

7935

245-560-9



Acetone bis(3,5-di-t-butyl-4-hydroxyphenyl) mercaptole.

Probuco; DH-581; Lurselle; Sinlestat. Hypolipidemic agent. Prescription drug for the treatment of hypercholesterolemia. mp = 124.5-126°, 125-126.5°. Merrell Pharmaceuticals Inc.

4087 Questran

11041-12-6

Cholestyramine.

colestyramine; Cholybar; Duolite AP-143 Resin; Questran Light. Hypolipidemic agent. A proprietary preparation of cholestyramine resin; used in the treatment of hypercholesterolemia. Ion exchange resin; insoluble in H_2O , organic solvents. Bristol-Myers Squibb Co.

4088 Ronifibrate

42597-57-9

8414



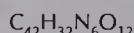
3-Hydroxypropyl nicotinate 2-(p-chlorophenoxy)-2-methylpropionate (ester).

1-612; Cloprane. Hypolipidemic agent. LD_{50} (mus orl) = 4.08 g/kg. Yamanouchi U.S.A. Inc.

4089 Sorbinicate

6184-06-1

228-230-9



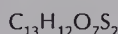
D-Glucitol hexanicotinate.

Nicotinic acid derivative. Antilipolytic; antihyperlipoproteinemic; antiarteriosclerotic.

4090 Sultosilic Acid

57775-26-5

9169

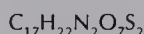


2,5-Dihydroxybenzenesulfonic acid 5-p-toluenesulfonate. Hypolipidemic agent.

4091 Sultosilic Acid Piperazine Salt

57775-27-6

9169

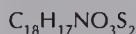


2,5-Dihydroxybenzenesulfonic acid 5-p-toluenesulfonate piperazine salt.

diethylenediamine sultosylate; piperazine sultosylate; A-585; Mimedran. mp = 74°; LD_{50} (beagle ip) = 605 mg/kg, (mrat ip) = 833.6 mg/kg, (frat ip) = 1272 mg/kg, (rat orl) > 11 g/kg.

4092 Tazasubrate

79071-15-1



(±)-α-[(6-Ethoxy-2-benzothiazolyl)thio]hydratropic acid.

EMD-34853. Lipid lowering agent. Antihyperlipoproteinemic.

4093 Telmesteine

122946-43-4



(-)-3-Ethyl hydrogen (R)-3,4-thiazolidinedicarboxylate.

Antihyperlipoproteinemic.

4094 Terbufibrol

56488-59-6



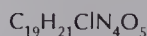
p-[3-(p-tert-Butylphenoxy)-2-hydroxypropoxy]benzoic acid.

Antihyperlipoproteinemic.

4095 Theofibrate

54504-70-0

9420



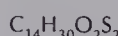
2-(p-Chlorophenoxy) 2-methylpropionic acid ester with 7-(2-hydroxyethyl)theophylline.

Duolip; ML-1024; etofylline clofibrate. Hypolipidemic agent with antilipemic, antithrombotic and platelet aggregation inhibitory activity. mp = 133-135°; insoluble in H_2O , EtOH; soluble in Me_2CO , CHCl_3 and hot alcohols; LD_{50} (mus orl) = 11.7 mg/kg, (dog orl) > 10.0 g/kg, (rat orl) = 17.0 g/kg. L. Merckle.

4096 Tiadenol

6964-20-1

9556



2,2'-(Decamethylenedithio)diethanol.

LL-1558; Delipid; Eulip; Finlipol; Tiaden; Tiaterol. Hypolipidemic agent. mp = 69.5; λ_m = 212 nm; insoluble

in H₂O; soluble in EtOH, CHCl₃. *Eastman Kodak*.

4097 Tibric Acid

37087-94-8

C₁₄H₁₈ClNO₄S

2-Chloro-5-[(cis-3,5-dimethylpiperidino)sulfonyl]benzoic acid.

CP-18524; CAS RN 24358-29-0. Hypolipidemic agent. *Pfizer Inc.*

4098 Tizoprolol Acid

30709-69-4

C₇H₉NO₂S

2-Propyl-5-thiazolecarboxylic acid.

Antihyperlipoproteinemic.

4099 Tocofibrate

50465-39-9

C₃₉H₅₉ClO₄

2,5,7,8-Tetramethyl-2-(4,8,12-trimethyltridecyl)-6-chromanyl 2-(p-chlorophenoxy)-2-methylpropionate.

Antyhyperlipoproteinemic.

4100 Treloxinate

30910-27-1

C₁₆H₁₂Cl₂O₄

Methyl-2,10-dichloro-12H-dibenzo[d,g][1,3]dioxocin-6-carboxylate.

Hypolipidemic agent. *Marion Merrell Dow Inc.*

4101 Triparanol

78-41-1

9867

C₂₇H₃₂ClNO₂

2-p-Chlorophenyl-1-[p-(2-diethylaminoethoxy)phenyl]-1-p-tolyethanol.

MER-2p; Trianel; Hipocolestina; Triparin; Acosterina; Metasclene; Diticyl; Drenaren; Clotrox; Tropalin; Trikostanol; Valip; Verdiana; Metasqualene; Sclane. Hypolipidemic agent. Antilipemic. mp = 102-104°; insoluble in H₂O, soluble in EtOH.

4102 Xenbucin

959-10-4

10205

C₁₆H₁₆O₂

(±)-α-Ethyl-4-biphenylacetic acid.

Liosol; Liposana; MG-1559; Maggioni 1559.

Hypolipidemic agent. mp = 123-125°; insoluble in H₂O, soluble in most organic solvents. *Maggioni Farmaceutici S.p.A.*

Antihyperphosphatemics

4103 Aluminum Hydroxide

21645-51-2

355

244-492-7

H₃AlO₃

Aluminum hydroxide.

Amphojel; Dialume; Simeco; component of: Arthritis Pain Formula Maximum Strength, Calcitrel, Camalox, Gelusil, Kestomatin, Kudrox, Maalox, Maalox HRF, Maalox Plus, Simeco Suspension, Tricreamalate, Trisiegel, Wingel. Antacid with antihyperphosphatemic properties. White bulky amorphous powder; insoluble in H₂O, soluble in alkaline or acid solutions. *Wyeth Labs.*

4104 Aluminum Hydroxychloride

1327-41-9

356

215-477-2

H₃AlO₃Cl_z·H₂O

Aluminum chlorohydrate.

Astringen; Chlorhydrol; Hyperdrol; Locron; Phosphonorm. Anhydrotic. *Elizabeth Arden*.

4105 Sevelamer Hydrochloride

182683-00-7

(C₃H₇N)_m·(C₃H₅ClO)_n·xHCl

Allylamine polymer with 1-chloro-2,3-epoxypropane hydrochloride.

RenaGel; GT16-026A. Antihyperphosphatemic. *Dow Chemical U.S.A.*

Antihypertensives

4106 Acebutolol

37517-30-9

16

253-539-0

C₁₈H₂₈N₂O₄

(±)-3'-Acetyl-4'-[2-hydroxy-3-(1-methylethylamino)-propoxy]butyranilide.

Monitan; Sectral; Prent. Antianginal agent. Class II antiarrhythmic agent. Cardiosensitive β-adrenergic blocking agent. Has antiarrhythmic and antihypertensive properties. mp = 119-123°.

4107 Acebutolol Hydrochloride

34381-68-5

16

251-980-3

C₁₈H₂₉ClN₂O₄

(±)-3'-Acetyl-4'-[2-hydroxy-3-(1-methylethylamino)-propoxy]butyranilide hydrochloride.

IL-17803A; M&B-17803A; Acetanol; Neptall; Sectral. Antianginal agent. Class II antiarrhythmic agent. Cardiosensitive β-adrenergic blocking agent. Has antiarrhythmic and antihypertensive properties. mp = 141-143°; soluble in H₂O (200 mg/ml), EtOH (70 mg/ml). *C.M. Industries*.

4108 Ajmaline

4360-12-7

194

224-439-4

C₂₀H₂₆N₂O₂

Ajmalan-17,20-diol.

rauwolfine; Gilurytmal; Cardiorhythmene; Ritmos; Tachmalin. Antiarrhythmic agent with antihypertensive properties. [MeOH solvate]: mp = 158-160°; [α]_D¹⁸ = 131° (c = 0.4 CHCl₃); [anhydrous form]: mp = 205-207°; [α]_D²⁰ = 144° (c = 0.8 CHCl₃); λ_m = 247, 295 nm (log ε 3.94, 3.49 EtOH); soluble in EtOH, MeOH, Et₂O, CHCl₃; poorly soluble in H₂O.

4109 Alacepril

74258-86-9

202

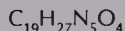
C₂₀H₂₆N₂O₅S

N-[1-[(S)-3-Mercapto-2-methylpropionyl]-L-prolyl]-3-phenyl-L-alanine acetate (ester).

DU-1219; Cetapril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 155-156°; [α]_D²⁵ = -81.3° (c = 1.02 EtOH); LD₅₀ (rat orl) > 5000 mg/kg, (rat sc) > 3000 mg/kg, (rat ip) ≅ 2000 mg/kg, (mus orl) > 5000 mg/kg, (mus sc) > 3000 mg/kg, (mus ip) ≅ 3000 mg/kg. *Dainippon Pharmaceutical Co.*

4110 Alfuzosin

81403-80-7 237



(±)-N-[3-[(4-Amino-6,7-dimethoxy-2-quinazolinyl)methylamino]propyl]tetrahydro-2-furamide.
SL-77499. Antihypertensive agent. An α_1 andrenoreceptor antagonist. *Synthelabo Pharmacie*.

4111 Alfuzosin Hydrochloride

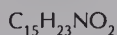
81403-68-1 237



(±)-N-[3-[(4-Amino-6,7-dimethoxy-2-quinazolinyl)-methylamino]propyl]tetrahydro-2-furamide monohydrochloride.
SL-77499-10; Alfoten; Urion; Xatral. Antihypertensive agent. An α_1 andrenoreceptor antagonist. mp = 225°, 235° (dec). *Synthelabo Pharmacie*.

4112 Alprenolol

13655-52-2 321 237-140-9



1-(o-Allylphenoxy)-3-(isopropylamino)-2-propanol.
H 56/28. Antianginal agent. Anti-arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. *ICI*.

4113 Alprenolol Hydrochloride

13707-88-5 321 237-244-4



1-(o-Allylphenoxy)-3-(isopropylamino)-2-propanol hydrochloride.
Applobal; Aprobal; Aptine; Aptol Duriles; Gubernal; Regletin; Yobir. Antianginal agent. Class II anti-arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 107-109°; LD₅₀ (mus orl) = 278.0 mg/kg, (rat orl) = 597.0 mg/kg, (rbt orl) = 337.3 mg/kg. *ICI*; *C.M. Industries*.

4114 Althiazide

5588-16-9 326 226-994-8



3-[(Allylthio)methyl-6-chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide].
P-1779; Altizide; Aldactazine. Antihypertensive and diuretic. mp = 206-207°. *Pfizer Inc.*

4115 Ambuside

3754-19-6 405 223-158-4



N'-allyl-4-Chloro-6-[(3-hydroxy-2-butenylidene)amino]-m-benzenedisulfonamide.
EX-4810; RM-83047; Hydrion; Novohydrin. Antihypertensive and diuretic. mp = 205-207°; λ_m = 343 nm (ϵ 32900). *Marion Merrell Dow Inc.*

4116 σ -Aminobutyric Acid

56-12-2 450 200-258-6



4-Aminobutanoic acid.
piperidic acid; GABA; gammalon. Antihypertensive mp = 202° (dec); freely soluble in H₂O, poorly soluble in organic solvents; [hydrochloride]: mp - 135-136°; [ethyl ester]: bp₁₂ = 76°.

4117 Amlodipine

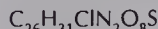
881 50-42-9 516



3-Ethyl-5-methyl (±)-2-[(2-aminoethoxy)methyl]-4-(o-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate.
Antianginal agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. *Pfizer Inc.*; *Ciba-Geigy Corp.*

4118 Amlodipine Besylate

111470-99-6 516



3-Ethyl-5-methyl (±)-2-[(2-aminoethoxy)methyl]-4-(o-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate monobenzenesulfonate.
Norvasc; UK-48340-26; Antacal; Istin; Monopina; component of Lotrel. Antianginal agent. Has anti-hypertensive properties. mp = 178-179°. *Pfizer Inc.*; *Ciba-Geigy Corp.*

4119 Amlodipine Maleate

881 50-47-4 516



3-Ethyl-5-methyl (±)-2-[(2-aminoethoxy)methyl]-4-(o-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate maleate.
UK-48340-11. Antianginal agent. Has anti-hypertensive properties. *Pfizer Inc.*

4120 Amosulalol

85320-68-9 614



(±)-5-[1-Hydroxy-2-[(2-(o-methoxyphenoxy)ethyl)-amino]ethyl]-o-toluenesulfonamide.
Antihypertensive agent. *Yamanouchi U.S.A. Inc.*

4121 Amosulalol Hydrochloride

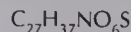
93633-92-2 614



(±)-5-[1-Hydroxy-2-[(2-(o-methoxyphenoxy)ethyl)-amino]ethyl]-o-toluenesulfonamide hydrochloride.
YM-09538; Lowgan. Antihypertensive agent. mp = 158-160°; [R(-)-form]: mp = 158°; $[\alpha]_D^{20}$ = -30.4° (c = 1 MeOH); [S(+)-form]: mp = 158°; $[\alpha]_D^{20}$ = 30.7° (c = 1 MeOH). *Yamanouchi U.S.A. Inc.*

4122 Amoxydramine Camsilate

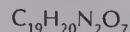
15350-99-9 239-382-0



2-(Diphenylmethoxy)-N,N-dimethylethylamine-N-oxide 2-oxo-10-bornanesulfonate.
Antihypertensive agent.

4123 Aranidipine

86780-90-7 806



(±)-Acetyl methyl 1,4-dihydro-2,6-dimethyl-4-(o-nitrophenyl)-3,5-pyridinedicarboxylate.
MPC-1304. Antihypertensive agent. *Maruko Seiyaku*.

4124 Arfalsin

60173-73-1



1-Succinamic acid-5-L-valine-8-(L-2-

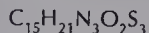
phenylglycine)angiotensin II.

HOE-409. An antihypertensive agent related to saralasin.

4125 Arotinolol

68377-92-4

827



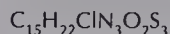
(±)-5-[2-[[3-(tert-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide.

Antianginal agent. Also antihypertensive and antiarrhythmic. Possesses both α - and β -adrenergic blocking activity. mp = 148-149°. *Sumitomo*.

4126 Arotinolol Hydrochloride

68377-91-3

827



(±)-5-[2-[[3-(tert-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide.

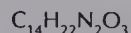
S-596; ARL; Almarl. Antianginal agent. Also antihypertensive and antiarrhythmic. Possesses both α - and β -adrenergic blocking activity. mp = 234-235.5°; LD₅₀ (mus iv) = 86 mg/kg, (mus ip) = 360 mg/kg, (mus orl) > 5000 mg/kg. *Sumitomo*.

4127 Atenolol

29122-68-7

892

249-451-7



2-[p-[2-Hydroxy-3-(isopropylamino)propoxy]phenyl]-acetamide.

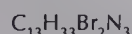
ICI-66082; AteHexal; Atenol; Cuxanorm; Ibinolo; Myocord; Prenormine; Seles Beta; Selobloc; Teno-basan; Tenoblock; Tenormin; Uniloc. Antianginal and antiarrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 146-148°, 150-152°; λ_m = 225, 275, 283 nm (MeOH); very soluble in MeOH; soluble in AcOH, DMSO; less soluble in Me₂CO, dioxane; insoluble in CH₃CN, EtOAc, CHCl₃; LD₅₀ (mus orl) = 2000 mg/kg, (mus iv) = 98.7 mg/kg, (rat orl) = 3000 mg/kg, (rat iv) = 59.24 mg/kg. *ICI; Apoticon; Lemmon Co.; Zeneca Pharmaceuticals*.

4128 Azamethonium Bromide

306-53-6

929

206-186-1

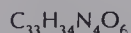


[(Methylimino)diethylene]bis(ethyl dimethyl ammonium bromide).

pentamethazine dibromide; Präparat 9295; Ciba 9295; Pendoimid; Azameton; Azamethone; Ganlion; Pentaméthazène. Antihypertensive agent. mp = 212-215°; freely soluble in H₂O; LD₅₀ (mus orl) = 2500 mg/kg, (mus iv) = 60 mg/kg, (rbt orl) = 3000 mg/kg, (rbt sc) = 160 mg/kg, (rbt iv) = 75 mg/kg. *Ciba-Geigy Corp.*

4129 Azelnidipine

123524-52-7



3-[1-(Diphenylmethyl)-3-azetidiny] 5-isopropyl (±)-2-amino-1,4-dihydro-6-methyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Calcium channel blocker. Antihypertensive.

4130 Azepevole

36067-73-9



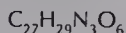
2-Amino-6-ethyl-5,6,7,8-tetrahydro-4H-oxazolo[4,5-d]-azepine.

Antihypertensive agent.

4131 Barnidipine

104713-75-9

1031

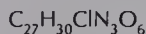


(+)-(3'S,4S)-1-Benzyl-3-pyrrolidinyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Mepirodipine. Antianginal agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. mp = 137-139°; [α]_D²⁰ = 64.8 (c = 1 MeOH). *Yamanouchi U.S.A. Inc.*

4132 Barnidipine Hydrochloride

1031



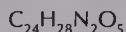
(+)-(3'S,4S)-1-Benzyl-3-pyrrolidinyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate hydrochloride.

YM-09730-5; Hypoca. Antianginal agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. mp = 226-228°; [α]_D²⁰ = 116.4° (c = 1 MeOH); insoluble in H₂O; LD₅₀ (mrat orl) = 105 mg/kg, (frat orl) = 113 mg/kg. *Yamanouchi U.S.A. Inc.*

4133 Benazepril

86541-75-5

1058



(3S)-3-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid 3-ethyl ester.

CGS-14824A; Briem; Cibacen; Cibacène; Lotensin. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 148-149°; [α]_D = -159° (c = 1.2 EtOH). *Ciba-Geigy Corp.*

4134 Benazepril Hydrochloride

86541-74-4

1058



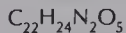
(3S)-3-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid 3-ethyl ester hydrochloride.

Lotensin; CGS-14824A HCl; component of Lotensin-HCT, Lotrel, Lotrel capsules. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 188-190°; [α]_D = -141° (c = 0.9 EtOH). *Ciba-Geigy Corp.*

4135 Benazeprilate

86541-78-8

1058



(3S)-3-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid.

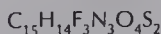
CGS-14831. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 270-272°; [α]_D = -200.5° (c = 1 in 3% aq. NaOH). *Ciba-Geigy Corp.*

4136 Bendroflumethazide

73-48-3

1064

200-800-1



3-Benzyl-3,4-dihydro-6-(trifluoromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Naturetin; Corzide; Rautrax N; Rauzide; Aprinox; Benzy-Rodiuran; Berkozide; Bristuric; Bristuron; Centyl; Flumersil; Naturetin; Naturine; Neo-Naclex; Naigaril; Nikion; Orsile; Pluryle; Plusuril; Poliuron; Relan Beta; Salures; Sinesalin; Sodiuretic; Urlea. Diuretic and

antihypertensive. mp = 224.5=225.5°, 221-223°; λ_m = 208, 273, 326 nm ($E_{1\text{cm}}^{1\%}$ 745, 565, 96 MeOH); soluble in Me_2CO , EtOH; insoluble in H_2O , CHCl_3 , C_6H_6 , Et_2O . *Apothecon; Bristol-Myers Squibb Co.*

4137 Benidipine

105979-17-7 1071

$\text{C}_{28}\text{H}_{31}\text{N}_3\text{O}_6$
(±)-(R*)-3-[(R*)-1-Benzyl-3-piperidyl] methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Antihypertensive. *Kyowa Hakko Kogyo Co., Ltd.*

4138 Benidipine Hydrochloride

91599-74-5 1071

$\text{C}_{28}\text{H}_{32}\text{ClN}_3\text{O}_6$
(±)-(R*)-3-[(R*)-1-Benzyl-3-piperidyl] methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate hydrochloride(α form).

KW-3049; Coniel. Antihypertensive. mp = 199.4-200.4°; λ_m = 238, 359 nm (ϵ = 28000, 6680 EtOH); soluble in H_2O (0.19 g/100 ml), MeOH (6.9 g/100 ml), EtOH (2.2 g/100 g); CHCl_3 (0.16 g/100 g), Me_2CO (0.13 g/100 g), EtOAc (0.0056 g/100 g), C_7H_8 (0.0019 g/100 g), C_7H_1 . *Kyowa Hakko Kogyo Co., Ltd.*

4139 Benzoclidine

16852-81-6

$\text{C}_{14}\text{H}_{17}\text{NO}_2$
3-Quinuclidinol benzoate.

Used as an antihypertensive agent.

4140 Benzthiazide

91-33-8 1155 202-061-0

$\text{C}_{15}\text{H}_{14}\text{ClN}_3\text{O}_4\text{S}_3$
3-[(Benzylthio)methyl]-6-chloro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Fovane; Exna; Aquatag; Dihyrex; Diucen; Edemex; ExNa; Exosalt; Freeuril; HyDrine; Lemazide; Proaqua; Urese. Diuretic. mp = 231-232°, 238-239°; insoluble in H_2O ; soluble in alkaline solutions; LD_{50} (rat orl) >10000 mg/kg, (rat iv) = 422 mg/kg, (mus orl) > 5000 mg/kg, (mus iv) = 410 mg/kg. *Robins, A.H. Co.*

4141 Benzylhydrochlorothiazide

1824-50-6 1171

$\text{C}_{14}\text{H}_{14}\text{ClN}_3\text{O}_4\text{S}_2$
3-Benzyl-3,4-dihydro-6-chloro-2H-1,2,4-thiadiazine-7-sulfonamide 1,1-dioxide.

Behyd. Diuretic and antihypertensive. mp = 260-262°, 269°.

4142 Betaxolol

63659-18-7 1229

$\text{C}_{18}\text{H}_{29}\text{NO}_3$
(±)-1-[p-[2-(Cyclopropylmethoxy)ethyl]phenoxy]-3-(isopropylamino)-2-propanol.

Antianginal agent with antihypertensive and antiglaucoma properties. Cardioselective β_1 adrenergic blocker. mp = 70-72°. *Alcon Labs.; Synthelabo Pharmacie.*

4143 Betaxolol Hydrochloride

63659-19-8 1229 264-384-3

$\text{C}_{18}\text{H}_{30}\text{ClNO}_3$
(±)-1-[p-[2-(Cyclopropylmethoxy)ethyl]phenoxy]-3-(isopropylamino)-2-propanol hydrochloride.

SLD-212; SL-75.212; Betoptic; Betoptima; Kerlone. Antianginal agent with antihypertensive and antiglaucoma properties. Cardioselective β_1 adrenergic blocker. mp = 116°; LD_{50} (mus orl) = 94 mg/kg, (mus iv) = 37 mg/kg. *Alcon Labs.; Synthelabo Pharmacie.*

4144 Bethanidine

55-73-2 1233

$\text{C}_{10}\text{H}_{15}\text{N}_3$
1-Benzyl-2,3-dimethylguanidine.

Antihypertensive. mp = 195-197°. *Glaxo Wellcome Inc.*

4145 Bethanidine Sulfate

114-85-2 1233 204-056-9

$\text{C}_{20}\text{H}_{32}\text{N}_6\text{SO}_4$
1-Benzyl-2,3-dimethylguanidine sulfate.

BW-467-C-60; NSC-106563; Benzaidin; Bendogen; Benzoxine; Betaling; Betanidol; Esbatal; Eusmanid; Hypersin; Tenathan. Antihypertensive. LD_{50} (mus iv) = 12 mg/kg, (mus ip) = 150 mg/kg, (mus sc) = 260 mg/kg. *Glaxo Wellcome Inc.*

4146 Bevantolol

59170-23-9 1238

$\text{C}_{20}\text{H}_{27}\text{NO}_4$
(±)-1-[(3,4-Dimethoxyphenethyl)amino]-3-(m-toloxyl)-2-propanol.

Antianginal agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. *Parke-Davis.*

4147 Bevantolol Hydrochloride

42864-78-8 1238

$\text{C}_{20}\text{H}_{28}\text{ClNO}_4$
(±)-1-[(3,4-Dimethoxyphenethyl)amino]-3-(m-toloxyl)-2-propanol hydrochloride.

Vantol; Cl-775; Ranestol; Sentiloc. Antianginal agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 137-138°. *Parke-Davis.*

4148 Bietaserpine

53-18-9 1254 200-165-0

$\text{C}_{39}\text{H}_{53}\text{N}_3\text{O}_9$
Methyl 1-[2-(diethylamino)ethyl]-18 β -hydroxy-11,17 α -dimethoxy-3 β ,20 α -yohimban-16 β -carboxylate.

DL-152; S-1210; 1-[2-(diethylamino)ethyl]reserpine. Antihypertensive. $[\alpha]_D^{17}$ = -121° (c = 2 CHCl_3); soluble in polar organic solvents. *Dautreville & Lebas.*

4149 Bietaserpine Bitartrate

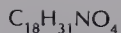
1111-44-0 1254 214-180-5

$\text{C}_{43}\text{H}_{59}\text{N}_3\text{O}_{15}$
Methyl 1-[2-(diethylamino)ethyl]-18 β -hydroxy-11,17 α -dimethoxy-3 β ,20 α -yohimban-16 β -carboxylate bitartrate (salt).

DL-152; Tensibar. Antihypertensive. mp = 145-150° (dec); LD_{50} (mus orl) = 620 mg/kg, (mus ip) = 430 mg/kg, (mus iv) = 215 mg/kg. *Dautreville & Lebas.*

4150 Bisoprolol

66722-44-9 1336



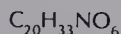
(±)-1-[[α(2-Isopropoxyethoxy)-p-tolyl]oxy]-3-(isopropylamino)-2-propanol.

EMD-33512. Antihypertensive. Cardioselective β₁-adrenergic blocker. *E. Merck*.

4151 Bisoprolol Hemifumarate

104344-23-2

1336



(±)-1-[[α(2-Isopropoxyethoxy)-p-tolyl]oxy]-3-(isopropylamino)-2-propanol hemifumarate.

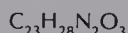
Concor; Detensiel; Emvonor; Emcor; Eurtadal; Isoten; Monocor; Soprol; Zebeta; component of: Ziac.

Antihypertensive. Cardioselective β₁-adrenergic blocker. mp = 100°; soluble in EtOH. *E. Merck*.

4152 Bopindolol

62658-63-3

1362



(±)-1-(tert-Butylamino)-3-[(2-methylindol-4-yl)oxy]-2-propanol benzoate (ester).

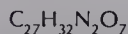
Antihypertensive. Non-selective β-adrenergic blocker.

Soluble in Et₂O, CH₂Cl₂; LD₅₀ (mus iv) = 17 mg/kg. *Sandoz Pharmaceuticals Corp.*

4153 Bopindolol Maleate

62658-64-4

1362



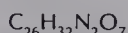
(±)-1-(tert-Butylamino)-3-[(2-methylindol-4-yl)oxy]-2-propanol benzoate (ester) maleate.

Sandonorm. Antihypertensive. Non-selective β-adrenergic blocker. *Sandoz Pharmaceuticals Corp.*

4154 Bopindolol Malonate

82857-38-3

1362



(±)-1-(tert-Butylamino)-3-[(2-methylindol-4-yl)oxy]-2-propanol benzoate (ester) malonate.

LT-31-200; Wandonorm. Antihypertensive. Non-selective β-adrenergic blocker. *Sandoz Pharmaceuticals Corp.*

4155 Budralazine

36798-79-5

1492



4-Methyl-3-penten-2-one (1-phthalaziny)hydrazone.

DJ-1461; Buterazine. Antihypertensive. Vasodilator. mp = 132-133°; λ_m = 208, 240, 289, 357 nm (ε - 27000, 89000, 20000, 15000 MeOH); LD₅₀ (mus orl) = 1820 mg/kg, (mus ip) = 4020 mg/kg, (rat orl) = 620 mg/kg, (rat ip) = 3570 mg/kg. *Daiichi Seiyaku*.

4156 Bufeniodide

22103-14-6

1495

244-781-8



4-Hydroxy-3,5-diiodo-α-[1[(1-methyl-3-phenyl-propyl)amino]ethyl] benzyl alcohol.

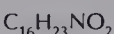
diiodobuphenine; Diastal; Proclival. Peripheral vasodilator, used as an antihypertensive agent. mp = 185° (dec), 212°; LD₅₀ (mus ip) > 600 mg/kg, (mus orl) > 2000 mg/kg. *Lab. Houdé; Abbott Labs.*

4157 Bufuralol

54340-62-4

1504

259-112-5



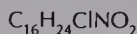
α-[(tert-Butylamino)methyl]-7-ethyl-2-benzofuranmethanol.

A β-adrenergic blocker with peripheral vasodilating activity. Antianginal with antihypertensive properties. *Hoffmann-LaRoche Inc.*

4158 Bufuralol Hydrochloride

59652-29-8

1504



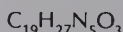
α-[(tert-Butylamino)methyl]-7-ethyl-2-benzofuranmethanol hydrochloride.

Ro-3-4787; Angium. A β-adrenergic blocker with peripheral vasodilating activity. Antianginal with antihypertensive properties. mp = 146°; LD₅₀ (mus iv) = 29.7 mg/kg, (mus ip) = 88.0 mg/kg, (mus orl) = 177 mg/kg, (rat sc) = 1400 mg/kg, (rat orl) = 750 mg/kg; [(+)-hydrochloride]: mp = 122-123°; [α]_D²⁰ = 135.0° (c = 1 EtOH); [(-)-hydrochloride]: mp = 122-123°; [α]_D²⁰ = -136.0° (c = 1 EtOH). *Hoffmann-LaRoche Inc.*

4159 Bunazosin

80755-51-7

1512



1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-butyhexahydro-1H-1,4-diazepine.

Antihypertensive. Adrenergic blocker. *Eisai*.

4160 Bunazosin Hydrochloride

52712-76-2

1512



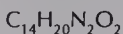
1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-butyhexahydro-1H-1,4-diazepine hydrochloride.

E-643; Detantol. Antihypertensive. Adrenergic blocker. mp = 280-282°. *Eisai*.

4161 Bunitrolol

34915-68-9

1514



o-[3-(tert-Butylamino)-2-hydroxypropoxy]benzonitrile.

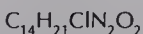
Ko-1366. Antianginal agent with antiarrhythmic and antihypertensive properties. A β-adrenergic blocker. *Boehringer Ingelheim GmbH*.

4162 Bunitrolol Hydrochloride

23093-74-5

1514

245-427-5



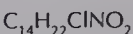
o-[3-(tert-Butylamino)-2-hydroxypropoxy]benzonitrile hydrochloride.

Betrol; Stresson. Antianginal agent with antiarrhythmic and antihypertensive properties. A β-adrenergic blocker. mp = 163-165°; LD₅₀ (mus orl) = 1344-1440 mg/kg, (mus ip) = 264-265 mg/kg, (rat orl) = 639-649 mg/kg, (rat ip) = 222-225 mg/kg. *Boehringer Ingelheim GmbH*.

4163 Bupranolol

14556-46-8

1521



1-(tert-Butylamino)-3-[(6-chloro-m-tolyl)-oxy]-2-propanol. bupranol; Ophthorenin. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β-adrenergic blocker.

4164 Bupranolol Hydrochloride

15148-80-8 1521 239-208-3



1-(tert-Butylamino)-3-[(6-chloro-m-tolyl)-oxy]-2-propanol hydrochloride.

B-1312; KL-255; Betadran; Betadrenol; Looser; Panimit. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 220-222°.**4165 Butanserlin**

87051-46-5



3-[4-[4-(p-Fluorobenzoyl)piperidino]butyl]-2,4(1H,3H)-quinazolinone.

An antihypertensive agent.

4166 Buthiazide

2043-38-1 1554 218-048-8



6-Chloro-3,4-dihydro-3-isobutyl-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Su-6187; S-3500; Eunephran; Saltucin; Modenol. Diuretic and antihypertensive. mp = 228°, 241-245°. Searle, G.D., & Co.

4167 Butofilolol

64552-17-6 1563



(±)-2'-[3-(tert-Butylamino)-2-hydroxypropoxyl]-5'-fluorobutyrophenone.

CM-6805. Antihypertensive. mp = 88-89°. C.M. Industries.

4168 Butofilolol Maleate

88606-96-6 1563 289-431-5



(±)-2'-[3-(tert-Butylamino)-2-hydroxypropoxyl]-5'-fluorobutyrophenone maleate.

Cafide. Antihypertensive. C.M. Industries.

4169 Cadralazine

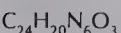
64241-34-5 1669



Ethyl-6-[ethyl(2-hydroxypropyl)amino]-3-pyridazinecarbazate.

DC-826; ISF-2469; Cadral; Cadraten; Cadrilan; Presmode. Peripheral vasodilator related to hydralazine. Used as an antihypertensive agent. mp = 160-162°; λ_m = 248, 340 nm (ϵ = 22100, 2250); soluble in H_2O (130 mg/100 ml), HCl (23500 mg/100 ml), DMSO (932300 mg/ml), MeOH (2100 mg/100 ml), dioxane (1860 mg/100 ml), $CHCl_3$ (850 mg/100 ml); insoluble in Et_2O , C_6H_6 , C_6H_{12} ; LD₅₀ (rat iv) = 259 mg/kg, (rat orl) = 2060 mg/kg, (dog iv) = 4000 mg/kg, (dog orl) > 2000 mg/kg, (mus ip) = 700 mg/kg.**4170 Candesartan**

139481-59-7 1788

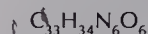


2-Ethoxy-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-7-benzimidazolecarboxylic acid.

CV-11974. Angiotensin II type 1 receptor antagonist. Used as an antihypertensive. mp = 183-185°. Takeda.

4171 Candesartan Cilexetil

145040-37-5 1788



2-Ethoxy-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-7-benzimidazolecarboxylate cyclohexylcarbonate (ester).

TCV-116. Angiotensin II type 1 receptor antagonist. Used as an antihypertensive. Ester prodrug of Candesartan. mp = 163° (dec). Takeda.

4172 Captopril

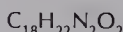
62571-86-2 1817 263-607-1



1-[(2S)-3-Mercapto-2-methylpropionyl]-L-proline.

Capoten; SQ-14,225; Acediur; Acepril; Aceplus; Alopresin; Acepress; Capoten; Captoplane; Captopril; Cesplon; Dilabar; Garranil; Hipertil; Lopirin; Lopril; Tensobon; Tensoprel; component of: Capozide, Acezide, Captea, Ecazide. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. Orally active. mp = 103-104°, 86°, 87-88°, 104-105°; $[\alpha]_D^{22}$ = -131.0° (c = 1.7 EtOH); freely soluble in H_2O , EtOH, $CHCl_3$, CH_2Cl_2 ; LD₅₀ (mus iv) = 1040 mg/kg, (mus orl) = 6000 mg/kg. Apotekon; Squibb, E.R. & Sons.**4173 Carazolol**

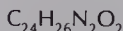
57775-29-8 1822 260-945-1



1-(Carbazol-4-yloxy)-3-(isopropylamino)-2-propanol.

BM-51052; Conducton; Suacron. A β -adrenergic blocker with antihypertensive, antianginal and anti-arrhythmic activity. [hydrochloride]: mp = 234-235°. Boehringer Mannheim GmbH.**4174 Carmoxirole**

98323-83-2 1893



3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridyl)butyl]indole-5-carboxylic acid.

Selective dopamine D₂-receptor antagonist. Used as an antihypertensive agent. mp = 284-285°. E. Merck.**4175 Carmoxirole Hydrochloride**

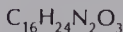
115092-85-8 1893



3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridyl)butyl]indole-5-carboxylic acid hydrochloride.

EMD-45609. Selective dopamine D₂-receptor antagonist. Used as an antihypertensive agent. mp = 298-299°; λ_m = 242, 281 nm (MeOH). E. Merck.**4176 Carteolol**

51781-06-7 1917



5-[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone.

Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. Abbott Labs.**4177 Carteolol Hydrochloride**

51781-21-6 1917 257-415-7



5-[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone hydrochloride.

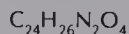
Carteolol hydrochloride, Abbott 43326; OPC 1085;

Arteoptic; Caltidren; Carteol; Cartrol; Endak; Mikelan; Optipress; Tenalet; Tenalin; Teoptic. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 278°; LD₅₀ (mrat orl) = 1380 mg/kg, (mrat iv) = 158 mg/kg, (mrat ip) = 380 mg/kg, (mmus orl) = 810 mg/kg, (mmus iv) = 54.5 mg/kg, (mmus ip) = 380 mg/kg. *Abbott Labs.*

4178 Carvediol

72956-09-3

1924



(±)-1-(Carbazol-4-yloxy)-3-[[2-(*o*-methoxyphenoxy)ethyl]amino]-2-propanol.

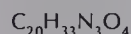
Coreg; BM-14190; DQ-2466; Dilatrend; Dimitone; Eucardic; Kredex; Querto. Antianginal, antihypertensive. Non-selective β -adrenergic blocker with vasodilating activity. mp = 114-115°. *Boehringer Mannheim GmbH; SmithKline Beecham Pharmaceuticals.*

4179 Celiprolol

56980-93-9

2007

260-497-7



3-[3-Acetyl-4-[3-(*tert*-butylamino)-2-hydroxypropoxy]phenyl]-1,1-diethylurea.

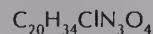
ST-1396. Antianginal, antihypertensive agent. Cardioselective β_1 adrenergic blocker. mp = 110-112°. *Hoechst Marion Roussel Inc.*

4180 Celiprolol Hydrochloride

57470-78-7

2007

260-752-2



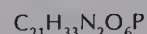
3-[3-Acetyl-4-[3-(*tert*-butylamino)-2-hydroxypropoxy]phenyl]-1,1-diethylurea monohydrochloride.

Celectol; Corliprol; Selecor; Selectol. Antianginal, antihypertensive agent. Cardioselective β_1 adrenergic blocker. mp = 197-200° (dec); soluble in H₂O (15.1 g/100 ml), MeOH (18.2 g/100 ml), EtOH (1.61 g/100 ml), CHCl₃ (0.42 g/100 ml); λ_m = 221, 324 nm ($E_{1\%}$ = 652, 57 H₂O), 231, 324 nm ($E_{1\%}$ = 660, 60 0.01N HCl), 231, 324 nm ($E_{1\%}$ = 640, 60 0.01N NaOH), 232, 329 nm ($E_{1\%}$ = 775, 58 MeOH); LD₅₀ (mmus iv) = 56.2 mg/kg, (mmus orl) = 1834 mg/kg, (mrat iv) = 68.3 mg/kg, (mrat orl) = 3826 mg/kg. *Hoechst Marion Roussel Inc.*

4181 Ceronapril

111223-26-8

2038



1-[(2*S*)-6-Amino-2-hydroxyhexanoyl]-L-proline hydrogen (4-phenylbutyl)phosphonate (ester).

SQ-29852; Ceranapril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 190-195°; $[\alpha]_D$ = -47.5° (c = 1 MeOH). *Bristol-Myers Squibb Co.*

4182 Cetamolol

34919-98-7

2060



(±)-2-[*o*-[3-(*tert*-Butylamino)-2-hydroxypropoxy]phenoxy]-N-methylacetamide.

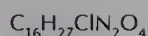
Cardioselective β_2 -adrenergic blocker. Used as an antihypertensive. mp = 96-97°. *ICI.*

4183 Cetamolol Hydrochloride

77590-95-5

2060

278-729-0



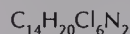
(±)-2-[*o*-[3-(*tert*-Butylamino)-2-hydroxypropoxy]phenoxy]-N-methylacetamide hydrochloride.

AI-27303; ICI-72222; Betacor. Cardioselective β_2 -adrenergic blocker. Used as an antihypertensive. *ICI.*

4184 Chlorisondamine Chloride

69-27-2

2151



4,5,6,7-Tetrachloro-2-(2-dimethylaminoethyl)-2-methylisindolinium chloride methochloride.

chlorisondamine dimethochloride; Su-3088; Ecolid; Ecolid chloride; Ciba-Geigy. Antihypertensive. mp = 258-265°; soluble in H₂O, EtOH, MeOH.

4185 Chlorothiazide

58-94-6

2221

200-404-9



6-Chloro-2*H*-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

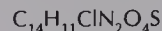
Chlotride; Diuril; Diuril Boluses; Aldoclor; Diupres; Diuril Lyovac [as sodium salt]; Lyovac Diuril [as sodium salt]. Diuretic and antihypertensive. mp = 342.5-343°; soluble in DMSO, DMF; less soluble in MeOH, C₅H₅N; insoluble in Et₂O, CHCl₃, C₆H₆; poorly soluble in H₂O. *Merck & Co., Inc.*

4186 Chlorthalidone

77-36-1

2246

201-022-5

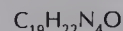


2-Chloro-5-(1-hydroxy-3-oxo-1*H*-isindoliny)-benzenesulfonamide.

Hygroton; Thalitone; Combipres; Demi-Regroton; Regroton; Tenoretic; G-33182; NSC-69200. Diuretic and antihypertensive. mp = 224-226°; λ_m 220 nm (MeOH); soluble in H₂O (12 mg/ml at 20°, 27 mg/ml at 37°), slightly soluble in EtOH, Et₂O. *Rhône-Poulenc Rorer Pharmaceuticals Inc.; KV Pharmaceutical; Parke-Davis; Boehringer Ingelheim GmbH; Zeneca Pharmaceuticals.*

4187 Cianergoline

74627-35-3



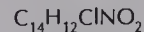
(α -RS)- α -Cyano-6-methylergoline-8 β -propionamide.

Has antihypertensive properties.

4188 Cicletanine

89943-82-8

2323



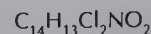
(±)-3-(*p*-Chlorophenyl)-1,3-dihydro-6-methylfuro[3,4-*c*]pyridin-7-ol.

(±)-BN-1270; Win-90,000; cicletanide; cycletanide. Antihypertensive. *Sterling Winthrop; Inc.*

4189 Cicletanine Hydrochloride

82747-56-6

2323

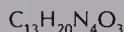


(±)-3-(*p*-Chlorophenyl)-1,3-dihydro-6-methylfuro[3,4-*c*]pyridin-7-ol hydrochloride.

BN-1270; Coverine; Justar; Secletan; Tenstaten. Antihypertensive. mp = 219-228°. *Sterling Winthrop, Inc.*

4190 Ciclosidomine

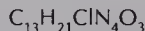
66564-16-7 2326



N-(Cyclohexylcarbonyl)-3-morpholinopyridone imine.
Peripheral vasodilator similar to molsidomine. Used as an antihypertensive. *Boehringer Ingelheim GmbH*.

4191 Ciclosidomine Hydrochloride

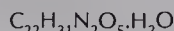
26209-07-4 2326



N-(Cyclohexylcarbonyl)-3-morpholinopyridone imine hydrochloride.
PR-G-138-CL; Neopres. Peripheral vasodilator similar to molsidomine. Used as an antihypertensive. mp = 187°. *Boehringer Ingelheim GmbH*.

4192 Cilazapril

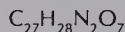
92077-78-6 2332



(1S,9S)-9-[[[(S)-1-Carboxy-3-phenylpropyl]amino]-octahydro-10-oxo-6H-pyridazino[1,2-a][1,2]diazepine-1-carboxylic acid 9-ethyl ester monohydrate.
Inhibace; Ro-31/2848/006; Dynorm; Initiss; Justor; Vasase. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 95-97°; $[\alpha]_{\text{D}}^{20} = -62.51^\circ$ (c = 1 EtOH); [Free acid (cilazaprilat; Ro 31-3113)]: mp = 242°; $[\alpha]_{\text{D}}^{20} = -74.7^\circ$ (c = 0.5 0.1M NaOH). *Hoffmann-La Roche Inc.*

4193 Cilnidipine

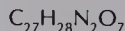
102106-21-8 2334



(E)-Cinnamyl 2-methoxyethyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.
Antihypertensive. *Fujirebio*.

4194 (±)-Cilnidipine

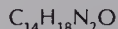
132203-70-4 2334



(±)-(E)-Cinnamyl 2-methoxyethyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.
(±)-FRC-8653. Antihypertensive. mp = 115.5-116.6°; LD₅₀ (mmus orl) > 5000 mg/kg, (mmus sc) > 5000 mg/kg, (mmus ip) = 1845 mg/kg, (fmus orl) > 5000 mg/kg, (fmus sc) > 5000 mg/kg, (fmus ip) = 2353 mg/kg, (mrat orl) > 5000 mg/kg, (mrat sc) > 5000 mg/kg, (mrat ip) = 441 mg/kg, (frat orl) = 4412 mg/kg, (frat sc) > 5000 mg/kg, (frat ip) = 426 mg/kg. *Fujirebio*.

4195 Cilutazoline

104902-08-1



2-[[[(6-Cyclopropyl-m-tolyl)oxy]methyl]-2-imidazoline.
Thought to be antihypertensive.

4196 Clentiazem

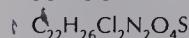
96125-53-0 2408



(+)-(2S,3S)-8-Chloro-5-[2-(dimethylamino)ethyl]-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester).
The 8-chloro derivative of diltiazem. A calcium channel blocker used for its antihypertensive properties. *Tanabe Seiyaku*.

4197 Clentiazem Maleate

96128-92-6 2408



(+)-(2S,3S)-8-Chloro-5-[2-(dimethylamino)ethyl]-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) maleate (1:1).
TA-3090; Logna. The 8-chloro derivative of diltiazem. A calcium channel blocker used for its antihypertensive properties. mp = 160.5-161.5°; $[\alpha]_{\text{D}}^{20} = 76.5^\circ$ (c = 1 MeOH). *Tanabe Seiyaku*.

4198 Clevidipine

166432-28-6



(±)-Hydroxymethyl methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate butyrate (ester).
Calcium channel blocker used as an antihypertensive agent.

4199 Clonidine

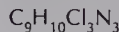
4205-90-7 2450 224-119-4



2-[(2,6-Dichlorophenyl)imino]imidazolidine.
Catapres TTS; ST-155-BS. An α_2 -adrenergic agonist used as an antihypertensive. mp = 130°. *Boehringer Ingelheim GmbH*.

4200 Clonidine Hydrochloride

4205-91-8 2450 224-121-5



2-[(2,6-Dichlorophenyl)imino]imidazolidine.
Catapres; ST-155; component of: Combipres. An α_2 -adrenergic agonist used as an antihypertensive. mp = 305°; soluble in H₂O (7.7 g/100 ml at 20°, 16.6 g/100 ml at 60°), MeOH (17.25 g/100 ml), EtOH (4 g/100 ml); CHCl₃ (0.02 g/100 ml); $\lambda_{\text{m}} = 213, 271, 302 \text{ nm}$ (ϵ 8290, 713, 340 H₂O); LD₅₀ (mus orl) = 328 mg/kg, (mus iv) = 18 mg/kg, (rat orl) = 270 mg/kg, (rat iv) = 29 mg/kg. *Boehringer Ingelheim GmbH; Parke-Davis*.

4201 Clopamide

636-54-4 2454 211-261-7



4-Chloro-N-(2,6-dimethylpiperidino)-3-sulfamoylbenzamide.
Aquex; DT-327; chlosudimeprimyl; Adurix; Brinaldix. Antihypertensive and diuretic. [hydrazine derivative]: mp = 244-246°. *Sandoz Pharmaceuticals Corp.*

4202 Cryptenamine Tannates

2674

Unitensin tannate.
Ester alkaloids from *Vretrum* species. Contains proverafrine A and B, germitrine, neogermitrine and germidine. Antihypertensive. Soluble in EtOH, slightly soluble in H₂O. *Irwin, Neissler*.

4203 Cyclopenthiadiazide

742-20-1 2813 212-012-5



6-Chloro-3-(cyclopentylmethyl)-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.
Su-8341; NSC-107679; cyclomethiazide; tsiklometiazid; Su-8341; Navidrex; Navidrix; Salimid. Diuretic. mp =

230°; LD₅₀ (rat iv) = 142 mg/kg, (mus iv) = 232 mg/kg. *Ciba-Geigy Corp.*

4204 Cyclothiazide

2259-96-3 2822 218-859-7

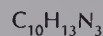


6-Chloro-3,4-dihydro-3-(5-norbornen-2-yl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Lilly 35483; Aquirel; Anhydron; Doburil; Fluidil. Diuretic and antihypertensive. mp = 234°. *Eli Lilly & Co.*

4205 Debrisoquin

1131-64-2 2901 214-470-1

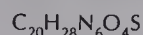


3,4-Dihydro-2(1H)-isoquinolinecarboxamidine.

isocaramidine. Antihypertensive. *Hoffmann-LaRoche Inc.*

4206 Debrisoquin Sulfate

581-88-4 2901 209-472-4

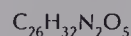


3,4-Dihydro-2(1H)-isoquinolinecarboxamidine sulfate (2:1).

Declinax; Ro-5-3307/1. Antihypertensive. mp = 278-280°, 284-285°, 266-268°; freely soluble in H₂O; LD₅₀ (neonate rat orl) = 88 ± 18 mg/kg, (rat orl) = 1580 ± 163 mg/kg. *Hoffmann-LaRoche Inc.*

4207 Delapril

83435-66-9 2928



Ethyl (S)-2-[(S)-1-[(carboxymethyl)-2-indanylcarbamoyl]ethyl]amino]-4-phenylbutyrate.

Alindapril; Indalapril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Takeda.*

4208 Delapril Hydrochloride

83435-67-0 2928

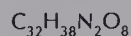


Ethyl (S)-2-[(S)-1-[(carboxymethyl)-2-indanylcarbamoyl]ethyl]amino]-4-phenylbutyrate monohydrochloride.

REV-6000A; CV-3317; Adecut; Cupressin. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 166-170°; [α]_D²² = 18.5° (c = 1 MeOH). *Takeda.*

4209 Deserpidine

131-01-1 2964 205-004-8



Methyl 18β-hydroxy-17α-methoxy-3β,20α-yohimban-16β-carboxylate 3,4,5-trimethoxybenzoate (ester).

Harmony; Raunormine; canescine; recanescine; 11-desmethoxyreserpine; component of: Enduronyl. Antihypertensive. [α form]: mp = 228-232°; [β form]: mp = 230-232°; [σ form]: mp = 138° and 226-232°; [α]_D²⁰ = -163° (c = 0.5 C₅H₅N); λ_m = 218, 272, 290 nm (log ε = 4.79, 4.26, 4.07 EtOH); [nitrate]: mp = 254-260°; [oxalate]: mp = 239-243°. *Abbott Labs.; Penick; Ciba-Geigy Corp.; Roussel-UCLAF.*

4210 Deserpidine Hydrochloride

6033-69-8 2964



Methyl 18β-hydroxy-17α-methoxy-3β,20α-yohimban-16β-carboxylate 3,4,5-trimethoxybenzoate (ester)

hydrochloride (1:1).

Antihypertensive. mp = 253-256°. *Abbott Labs.; Penick; Ciba-Geigy Corp.; Roussel-UCLAF.*

4211 Dexlofexidine

81447-79-2



(+)-(S)-2[1-(2,6-Dichlorophenoxy)ethyl]-2-imidazoline.

An α₂-adrenoceptor agonist. Used as an antihypertensive.

4212 Diazoxide

364-98-7 3051 206-668-1



7-Chloro-3-methyl-2H-1,2,4-benzothiadiazine 1,1-dioxide.

SRG-95213; Sch-6783; NSC-64198; Eudemine injection; Proglycem; Hyperstat; Hypertonalum; Mutabase; Proglycem. Antihypertensive. mp = 330-331°; λ_m = 268 nm (ε = 11300 MeOH); soluble in EtOH, insoluble in H₂O. *Schering Corp.*

4213 Dihydralazine

484-23-1 3212 207-605-0

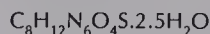


1,4-Dihydrazinophthalazine.

Vasodilator with antihypertensive properties. mp = 180° (dec); LD₅₀ (rat ip) = 206 mg/kg. *Ciba-Geigy Corp.*

4214 Dihydralazine Sulfate

7327-87-9 3212 230-808-0

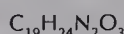


1,4-Dihydrazinophthalazine hydrogen sulfate.

dihydralazine sulfate hemipentahydrate; Depressan; Dihyzin; Nepresol; Nepréssol; dihydralazine mesylate [as methanesulfonate]; Nepresol Inject [as methanesulfonate]. Vasodilator with antihypertensive properties. [sulfate]: mp = 233° (dec). *Ciba-Geigy Corp.*

4215 Dilevalol

75659-07-3 3245

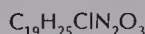


(-)-5-[(1R)-1-Hydroxy-2-[(1R)-1-methyl-3-phenylpropyl]amino]ethyl]salicylamide.

Sch-19927; Dilevalon; Levadil; Unicard. Non-selective β-adrenergic blocker with antihypertensive properties. [α]_D = -21.7°. *Schering Corp.*

4216 Dilevalol Hydrochloride

75659-08-4 3245



(-)-5-[(1R)-1-Hydroxy-2-[(1R)-1-methyl-3-phenylpropyl]amino]ethyl]salicylamide monohydrochloride.

Sch-19927. Non-selective β-adrenergic blocker with antihypertensive properties. mp = 133-134° (dec), 192-193.5° (dec); [α]_D²⁶ = -30.6° (c = 1.0 EtOH). *Schering Corp.*

4217 Dioxadilol

80743-08-4



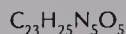
(±)-1-(1,4-Benzodioxan-2-ylmethoxy)-3-(tert-butylamino)-2-propanol.

Has beta adrenergic activity; antihypertensive, antianginal and anti-arrhythmic, but less potent than

propranolol.

4218 Doxazosin

74191-85-8 3489



1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(1,4-benzodioxan-2-ylcarbonyl)piperazine.

UK-33274. Selective α -adrenergic blocker related to Prazosin. Antihypertensive. [monohydrochloride]: mp = 289-290°. Roerig Div., Pfizer Pharmaceuticals.

4219 Doxazosin Monomethanesulfonate

77883-43-3 3489

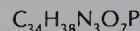


1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(1,4-benzodioxan-2-ylcarbonyl)piperazine monomethanesulfonate.

Cardura; UK-33,274-27; doxazosin mesylate; Alfadil; Cardenalín; Cardular; Cardura; Cardran; Diblocin; Normothen; Supressin. Selective α -adrenergic blocker related to Prazosin. Antihypertensive. Roerig Div., Pfizer Pharmaceuticals.

4220 Efonidipine

111011-63-3 3566



2-(N-Benzylanilino)ethyl ($\pm$)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-5-phosphononicotinate cyclic 2,2-dimethyltrimethylene ester.

Dihydropyridine calcium channel blocker. Used as an antihypertensive agent. mp = 169-170°, 155-156°. Nissan.

4221 Efonidipine Hydrochloride

111011-53-1 3566

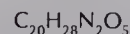


2-(N-Benzylanilino)ethyl ($\pm$)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-5-phosphononicotinate cyclic 2,2-dimethyltrimethylene ester hydrochloride.

Dihydropyridine calcium channel blocker. Used as an antihypertensive agent. Forms an ethanol solvate (NZ-105; Landel), mp = 151° (dec). LD₅₀ (mus orl) > 600 mg/kg; [(S) form]: mp = 190-192°; [α]_D²⁵ = 7.0° (c = 0.50 CHCl₃); [(R) form]: mp = 190-192°; [α]_D²⁵ = -7.0° (c = 0.5 CHCl₃). Nissan.

4222 Enalapril

75847-73-3 3605

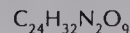


1-[N-[(S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-L-proline 1'-ethyl ester.

Angiotensin-converting enzyme inhibitor. Used to treat hypertension. Merck & Co., Inc.

4223 Enalapril Maleate

76095-16-4 3605 278-375-7



1-[N-[(S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-L-proline 1'-ethyl ester maleate (1:1).

Enacard; Renitec; Vasotec; MK-421; Amprace; Bitensil; Cardiovet; Enaloc; Enapren; Glioten; Hipoartel; Innovace; Lotrial; Olivin; Pres; Reniten; [®]Renivace; Xanef; component of: Vaseretic, Acesistem, Co-Renitec, Innozide, Renacor, Xynertec. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 143-144.5°; [α]_D²⁵ = -42.2° (c = 1 MeOH); soluble in H₂O (2.5

g/100 ml), EtOH (8 g/100 ml), MeOH (20 g/100 ml). Merck & Co., Inc.

4224 Enalaprilat

76420-72-9 3606 278-459-3

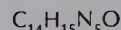


1-[N-[(S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-L-proline dihydrate.

enalaprilic acid; MK-422; Vasotec Injection; Vasotec IV. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 148-151°; [α]_D = -67.0° (0.1M HCl). Merck & Co., Inc.

4225 Endralazine

39715-02-1 3617

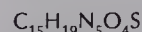


6-Benzoyl-5,6,7,8-tetrahydropyrido[4,3-c]pyridazin-3(2H)-one hydrazone.

Antihypertensive agent. mp = 220-223° (dec). Sandoz Pharmaceuticals Corp.

4226 Endralazine Monomethanesulfonate

65322-72-7 3617

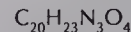


6-Benzoyl-5,6,7,8-tetrahydropyrido[4,3-c]pyridazin-3(2H)-one hydrazone monomethanesulfonate.

Migranal; endralazine mesylate; BQ-22-708; Miretilan. Antihypertensive agent. mp = 185-188° (dec). Sandoz Pharmaceuticals Corp.

4227 Epanolol

86880-51-5 3641



($\pm$)-N-[2-[[3-(o-Cyanophenoxy)-2-hydroxypropyl]amino]-ethyl]-2-(p-hydroxyphenyl)acetamide.

ICI-141292; Visacor. Antianginal, antihypertensive agent. Cardioselective β_1 -adrenergic blocker with sympathomimetic activity. mp = 118-120°. ICI.

4228 Epithiazide

1764-85-8 3661 217-181-9



6-Chloro-3,4-dihydro-3[[[(2,2,2-trifluoroethyl)thio]-methyl]-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

P-2105; NSC-108164; Thiaver. Diuretic and antihypertensive. mp = 206-207°. Pfizer Inc.

4229 Eprosartan

133040-01-4 3669



(E)-2-Butyl-1-(p-carboxybenzyl)- α -2-thenylimidazole-5-acrylic acid.

SK&F-108566. An angiotensin II receptor antagonist. Used as an antihypertensive agent. mp = 260-261°. SmithKline Beecham Pharmaceuticals.

4230 Eprosartan Mesylate

144143-96-4 3669



(E)-2-Butyl-1-(p-carboxybenzyl)- α -2-thenylimidazole-5-acrylic acid monomethanesulfonate.

SK&F-108566-J. An angiotensin II receptor antagonist. Used as an antihypertensive agent. SmithKline Beecham Pharmaceuticals.

4231 Ethiazide

1824-58-4 3778 217-358-0
 $C_9H_{12}ClN_3O_4S_2$
 6-Chloro-3-ethyl-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.
 acthiazidum; Hypertane. Diuretic. mp = 269-270°. *Ciba-Geigy Corp.*; *Merck & Co., Inc.*; *Solvay Duphar B.V.*; *Abbott Labs.*; *Parke-Davis*; *Searle, G.D., & Co.*; *Wallace Labs.*; *Squibb, E.R. & Sons*; *Solvay Pharmaceuticals*; *Lederle Labs.*

4232 Ethomoxane

16509-23-2
 $C_{15}H_{23}NO_3$
 (±)-2-(Butylaminomethyl)-8-ethoxy-1,4-benzodioxan.
 An α -adrenoceptor antagonist used as an antihypertensive.

4233 Ethomoxane Hydrochloride

6038-784
 $C_{15}H_{24}ClNO_3$
 (±)-2-(Butylaminomethyl)-8-ethoxy-1,4-benzodioxan hydrochloride.
 An α -adrenoceptor antagonist used as an antihypertensive.

4234 Eticlopride

84226-12-0
 $C_{17}H_{25}ClN_2O_3$
 (-)-(S)-5-Chloro-3-ethyl-N-[(1-ethyl-2-pyrrolidinyl)methyl]-6-methoxysalicylamide.
 Dopamine receptor antagonist used as an antihypertensive.

4235 Fantofarone

114432-13-2 3975
 $C_{13}H_{38}N_2O_5S$
 1-[[p-[3-[(3,4-Dimethoxyphenethyl)methylamino]-propoxy]phenyl]sulfonyl]-2-isopropylindolizine.
 SR-33557. A calcium channel blocker used as an antihypertensive agent. mp = 82-83°; d = 1.21 g/ml; soluble in H_2O (0.06 g/100 ml), soluble in all organic solvents. *Sanofi, Inc.*

4236 Felodipine

86189-69-7 3991
 $C_{18}H_{19}Cl_2NO_4$
 Ethyl methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate.
 Plendil; H 154/82; Agon; Feloday; Flodil; Hydac; Munobal; Prevex; Splendil. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker marketed as the racemate. mp = 145°. *Astra Chemicals Ltd.*; *Merck & Co., Inc.*

4237 Felodipine dl form

72509-76-3 3991
 $C_{18}H_{19}Cl_2NO_4$
 (±) Ethyl methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate.
 Plendil; H 154/82; Agon; Feloday; Flodil; Hydac; Munobal; Prevex; Splendil. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker marketed as the racemate. mp = 145°. *Astra Chemicals Ltd.*; *Merck & Co., Inc.*

4238 Fenoldopam

67227-56-9 4020
 $C_{16}H_{16}ClNO_3$
 6-Chloro-2,3,4,5-tetrahydro-1-(p-hydroxyphenyl)-1H-3-benzazepine-7,8-diol.
 SK&F-82526. Dopamine D_2 receptor agonist. Used as an antihypertensive agent. [hydrobromide]; mp = 277° (dec). *SmithKline Beecham Pharmaceuticals.*

4239 Fenoldopam Monomethanesulfonate

67227-57-0 4020 266-612-7
 $C_{17}H_{20}ClNO_6S$
 6-Chloro-2,3,4,5-tetrahydro-1-(p-hydroxyphenyl)-1H-3-benzazepine-7,8-diol monomethanesulfonate (salt).
 Corlopam; SK&F-82526-J; fenoldopam mesylate.
 Dopamine D_2 receptor agonist. Used as an antihypertensive agent. mp = 274° (dec). *SmithKline Beecham Pharmaceuticals.*

4240 Fenquizone

20287-37-0 4039 243-689-5
 $C_{14}H_{12}ClN_3O_3S$
 (±)-7-Chloro-1,2,3,4-tetrahydro-4-oxo-2-phenyl-6-quinazolinesulfonamide.
 M.G. 13054. Diuretic. mp > 310°; insoluble in H_2O . *Maggioni Farmaceutici S.p.A.*

4241 Fenquizone Monopotassium

52246-40-9 4039
 $C_{14}H_{11}ClKN_3O_3S$
 (±)-7-Chloro-1,2,3,4-tetrahydro-4-oxo-2-phenyl-6-quinazolinesulfonamide monopotassium salt.
 Idrolone. Diuretic. Soluble in H_2O . *Maggioni Farmaceutici S.p.A.*

4242 Flosequinan

76568-02-0 4146
 $C_{11}H_{10}FNO_2S$
 7-Fluoro-1-methyl-3-(methylsulfinyl)-4(1H)-quinolone.
 BTS 49 465; flosequinon; Manoplax. Acts as an arterial and venous vasodilator. Used as an antihypertensive agent. mp = 226-228°. *The Boots Co. plc.*

4243 Flufylline

82190-91-8
 $C_{21}H_{24}FN_5O_3$
 7-[2-[4-(p-Fluorobenzoyl)piperidino]ethyl]theophylline.
 Antihypertensive.

4244 Flusoxolol

84057-96-5
 $C_{22}H_{30}FNO_4$
 (S)-1-[p-[2-[(p-Fluorophenethyl)oxy]ethoxy]phenoxy]-3-(isopropylamino)-2-propanol.
 A selective β_1 -adrenoceptor agonist. Antihypertensive, antianginal and antiarrhythmic.

4245 Flutonidine

28125-87-3
 $C_{10}H_{12}FN_3$
 2-(5-Fluoro-o-toluidino)-2-imidazoline.
 Antihypertensive.

4246 Fosinopril

98048-97-6 4282



(4S)-4-Cyclohexyl-1-[[[(R)-[(S)-1-hydroxy-2-methylpropoxy](4-phenylbutyl)phosphinyl]acetyl-L-proline propionate (ester).

fosinopril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. [diacid (SQ-27519)]: mp = 149-153°; $[\alpha]_D = -24^\circ$ (c = 1 MeOH). *Squibb, E.R. & Sons.***4247 Fosinopril Sodium**

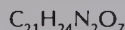
88889-14-9 4282



(4S)-4-Cyclohexyl-1-[[[(R)-[(S)-1-hydroxy-2-methylpropoxy](4-phenylbutyl)phosphinyl]acetyl-L-proline propionate (ester) sodium salt.

SQ-28555; Monopril; Acecor; Secorvas; Staril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Mead Johnson Labs.***4248 Furnidipine**

138661-03-7



(±)-Methyl tetrahydrofurfuryl-1,4-dihydro-2,6-dimethyl-4-(o-nitrophenyl)-3,5-pyridinedicarboxylate.

A calcium channel blocker. Antihypertensive.

4249 Furosemide

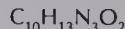
127-08-2 7764 204-822-2



4-Chloro-N-furfuryl-5-sulfamoylanthranic acid.

Diuretic salt; Disal; Lasix; Frumil; LB-502; Aisemide; Beronald; Desdemin; Discoid; Diural; Drytal; Durafurid; Errolon; Eutensin; Frusetic; Frusid; Fulsix; Fuluvamide; Furesis; Furo-Puren; Furosedon; Hydro-rapid; Impugan; Katlex; Lasilix; Lowpston; Macasirool; Mirfat; Nicorol; Odemase; Oedemex; Profemin; Rosemide; Rusyde; Trofurit; Urex. Diuretic. Furosemide used with controlled release potassium chloride to control edema. mp = 206°; $\lambda_m = 288, 276, 336 \text{ nm}$ ($E_{1\%}^{1\text{cm}}$ 945, 588, 144 95% EtOH); soluble in Me_2CO , MeOH, DMF; less soluble in EtOH, H_2O , CHCl_3 , Et_2O ; LD₅₀ (frat orl) = 2600 mg/kg, (mrat orl) = 2820 mg/kg. *Astra USA, Inc.; Fermenta Animal Health Co.; Elkins-Sinn; Hoechst-Roussel Pharmaceuticals Inc.; Parke-Davis; Rhône-Poulenc Rorer Pharmaceuticals Inc.***4250 Guabenxan**

19889-45-3



(1,4-Benzodioxan-6-ylmethyl)guanidine. Antihypertensive.

4251 Guanabenz

5051-62-7 4585 225-750-8



[(2,6-Dichlorobenzylidene)amino]guanidine.

Wy-8678; NSC-68982. An α_2 -adrenergic agonist used as an antihypertensive agent. mp = 227-229° (dec). *Sandoz Pharmaceuticals Corp.; Wyeth Labs.***4252 Guanabenz Monoacetate**

23256-50-0 4585 245-534-7



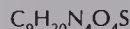
[(2,6-Dichlorobenzylidene)amino]guanidine monoacetate.

Wytensin; Wy-8678 acetate; Rexitene; Tenelid. An α_2 -adrenergic agonist used as an antihypertensive agent. mp = 192.5° (dec); soluble in H_2O (1100 mg/100 ml), EtOH (5000 mg/ml), propylene glycol (10000 mg/100 ml), CHCl_3 (60 mg/100 ml), EtOAc (100 mg/100 ml). *Sandoz Pharmaceuticals Corp.; Wyeth Labs.***4253 Guanacine**

1463-28-1 4586

[2-(3,6-Dihydro-4-methyl-1(2H)-pyridyl)ethyl]guanidine. cyclazenin; FBA-1464. Antihypertensive. *Bayer AG.***4254 Guanacine Monosulfate**

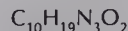
1562-71-6 4586 216-344-1



[2-(3,6-Dihydro-4-methyl-1(2H)-pyridyl)ethyl]guanidine sulfate.

B-1464; Leron. Antihypertensive. mp = 185-186° (dec). *Bayer AG.***4255 Guanadrel**

40580-59-4 4587



(1,4-Dioxaspiro[4.5]dec-2-ylmethyl)guanidine.

Orally active postganglionic sympathetic inhibitor. Used as an antihypertensive agent. *Fisons Corp.; Cutter Labs.***4256 Guanadrel Sulfate**

22195-34-2 4587



(1,4-Dioxaspiro[4.5]dec-2-ylmethyl)guanidine sulfate.

Hylorol; CL-1388R; U-28288D; Anarel. Orally active postganglionic sympathetic inhibitor. Used as an antihypertensive agent. mp = 213.5-215°. *Fisons Corp.; Cutter Labs.***4257 Guanazodine**

32059-15-7 4588



[(Octahydro-2-azocinyl)methyl]guanidine.

EGYT-739 [as sulfate monohydrate]; Calnegyt; Sanegyt. Antihypertensive agent. [sulfate monohydrate]: mp = 239-241°; LD₅₀ (mus orl) = 2450 mg/kg, (mus iv) = 165 mg/kg, (mus sc) = 700 mg/kg. *EGYT.***4258 Guanclofine**

55926-23-3

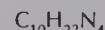


[2-(2,6-Dichloroanilino)ethyl]guanidine.

Adrenergic neurone-blocking agent with antihypertensive properties.

4259 Guanethidine

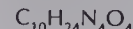
55-65-2 4589 200-241-3



[2-(Hexahydro-1(2H)-azocinyl)ethyl]guanidine.

Su-5864; Eutensol; Dopom; Octatensine; oktadin; oktatensin; Oktatensin; Sanotensin; Abapresin. Antihypertensive agent. *Ciba-Geigy Corp.***4260 Guanethidine Monosulfate**

645-43-2 4589 211-442-0

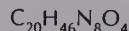


[2-(Hexahydro-1(2H)-azocinyl)ethyl]guanidine sulfate.

Ismelin sulfate; component of: Esimil. Antihypertensive agent. mp = 276-281°. *Ciba-Geigy Corp.*

4261 Guanethidine Sulfate

60-02-6 4589 200-452-0



[2-(Hexahydro-1(2H)-azocinyl)ethyl]guanidine sulfate (2:1).

Su-5864; NSC-29863; Guethine; Iporal; Isobarin; Ismelin. Antihypertensive agent. *Ciba-Geigy Corp.*

4262 Guanfacine

29110-47-2 4590 249-442-8



N-Amidino-2-(2,6-dichlorophenyl)acetamide.

Centrally active α_2 -adrenergic agonist used as an antihypertensive. mp = 225-227°. *Sandoz Pharmaceuticals Corp.; Robins, A.H. Co.*

4263 Guanfacine Hydrochloride

29110-48-3 4590 249-443-3



N-Amidino-2-(2,6-dichlorophenyl)acetamide hydrochloride.

BS 100-141; LON-798; Estulic; Tenex. Centrally active α_2 -adrenergic agonist used as an antihypertensive. mp = 213-216°; LD₅₀ (mus orl) = 165 mg/kg. *Sandoz Pharmaceuticals Corp.; Robins, A.H. Co.*

4264 Guanochlor

5001-32-1 4595 225-667-7

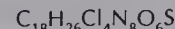


[[2-(2,6-Dichlorophenoxy)ethyl]amino]guanidine.

Antihypertensive agent. *Pfizer Inc.*

4265 Guanochlor Sulfate

551-48-4 4595 208-996-0



[[2-(2,6-Dichlorophenoxy)ethyl]amino]guanidine sulfate(2:1).

Vatensol; NSC-108163. Antihypertensive agent. mp = 214°. *Pfizer Inc.*

4266 Guanoxabenz

24047-25-4 4597



1-[(2,6-Dichlorobenzylidene)amino]-3-hydroxyguanidine. 43-663. Antihypertensive agent. *Sandoz Pharmaceuticals Corp.*

4267 Guanoxabenz Hydrochloride

23256-40-8 4597 245-532-6

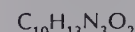


1-[(2,6-Dichlorobenzylidene)amino]-3-hydroxyguanidine hydrochloride.

Benzerial. Antihypertensive agent. mp = 173-175°. *Sandoz Pharmaceuticals Corp.*

4268 Guanoxan

2165-19-7 4598

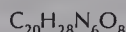


(1,4-Benzodioxan-2-ylmethyl)guanidine.

2-guanidinomethyl-1,4-benzodioxan. Antihypertensive. mp = 164-165°. *Pfizer Inc.*

4269 Guanoxan Sulfate

5714-04-5 4598

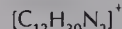


(1,4-Benzodioxan-2-ylmethyl)guanidine sulfate (2:1).

Envacar; 3-01003. Antihypertensive agent. *Pfizer Inc.*

4270 Hexamethonium

60-26-4 4724

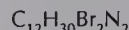


N,N,N,N',N',N'-Hexamethyl-1,6-hexanediaminium.

hexathonide; hexamethone. Ganglion blocker used as an antihypertensive agent. *May & Baker Ltd.*

4271 Hexamethonium Bromide

55-97-0 4724 200-249-7

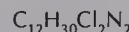


N,N,N,N',N',N'-Hexamethyl-1,6-hexanediaminium bromide.

Bistrium bromide; Esametina; Gangliostat; Hexameton bromide; Hexanium bromide; Simpatoblock; Vegolysen; Vegolysin. Ganglion blocker used as an antihypertensive agent. mp = 274-276°; soluble in H₂O, EtOH; insoluble in Me₂CO, CHCl₃, Et₂O. *May & Baker Ltd.*

4272 Hexamethonium Chloride

60-25-3 4724 200-465-1

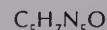


N,N,N,N',N',N'-Hexamethyl-1,6-hexanediaminium chloride.

Bistrium chloride; Chloor-Hexaviet; Esomid chloride; Hestrium chloride; Hexameton chloride; Hexone chloride; Hiohex chloride; Methium chloride; Meton. Ganglion blocker used as an antihypertensive agent. mp = 289-292° (dec); soluble in H₂O, EtOH; insoluble in CHCl₃, Et₂O. *May & Baker Ltd.*

4273 Hydracarbazine

3614-47-9 4798 222-788-7



6-Hydrazino-6-pyridazinecarboxamide.

Normatensyl. Diuretic and antihypertensive. mp = 249-250° (dec). *Chimie et Atomistique.*

4274 Hydralazine

86-54-4 4800 201-680-3



1-Hydrazinophthalazine.

Apresoline; Hypophthalin; Hipoftalin; C-5968; Präparat 5968; Ciba-5968; 1-hydrazinophthalazine. Antihypertensive agent. mp = 172-173°; soluble in 2N AcOH (33.3 g/100 ml), warm MeOH (8.4 g/100 ml); LD₅₀ (mus orl) = 122 mg/kg, (mus ip) = 101 mg/kg, (rat orl) = 90 mg/kg, (rat ip) = 40 mg/kg. *Ciba-Geigy Corp.; Medco Research, Inc.; Solvay Pharmaceuticals.*

4275 Hydralazine Hydrochloride

304-20-1 4800 206-151-0



1-Hydrazinophthalazine hydrochloride.

Apresoline hydrochloride; Lopres; component of: Apresazide, BiDiI, H.H. 25/25, H.H. 50/50, Ser-Ap-Es, Unipres. Antihypertensive agent. mp = 273° (dec); soluble in H₂O (3.01 g/100 ml at 15°, 4.42 g/100 ml at 25°), EtOH (0.2 g/100 ml); slightly soluble in Et₂O; λ_m = 211, 240, 260, 304, 315 nm. *Ciba-Geigy Corp.; Medco*

Research, Inc.; Solvay Pharmaceuticals.

4276 Hydralazine Polystyrene

Sulfonated diethenylbenzene-ethenylbenzene copolymer complex with 1-hydrazinophthalazine.
Antihypertensive agent. *Fisons Corp.*

4277 Hydrochlorothiazide

58-93-5 4822 200-403-3



6-Chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Esidrex; Dichlotride; HydroDIURIL; Hydrozide; Oretic; Thiuretic; Acuretic; Aldactazide; Aldoril; Apresazide; Caplaril; Capozide; Dyazide; Esimil; H.H. 25/25; H.H. 50/50; Hydropres; Hyzaar; Inderide; Lopressor HCT; Lotensin HCT; Maxzide; Moduretic; Prinzide; Ser-Ap-Es; Timolide; Unipres; Vaseretic; Ziac. Diuretic. mp = 273-275°; λ_m = 317, 271, 226 nm ($A_{1\text{cm}}^{1\%}$ 130, 654, 1280 MeOH/HCl); soluble in MeOH, EtOH, Me_2CO ; insoluble in H_2O ; LD_{50} (mus iv) = 590 mg/kg, (mus orl) > 8000 mg/kg. *Ciba-Geigy Corp.*; *Merck & Co., Inc.*; *Lemmon Co.*; *Abbott Labs.*; *Parke-Davis*; *Searle, G.D., & Co.*; *Wallace Labs.*; *Squibb, E.R. & Sons*; *Solvay Pharmaceuticals*; *Lederle Labs.*

4278 Hydroflumethiazide

54-31-9 4830 200-203-6

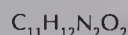


3,4-Dihydro-6-(trifluoromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Diumide-K; Diucardin; Saluron; Salutensin; dihydroflumethiazide; methorylthiazidine; metflorylthiazidine; Bristab; Bristurin; Di-Ademil; Diucardin; Elodrine; Finuret; Hydol; Hydrenox; Leodrine; NaClex; Olmagran; Rodiuran; Rontyl; Sisuril; Vergonil. Diuretic with antihypertensive properties. mp = 272-273°; λ_m = 272.5 nm (log ϵ 4.286 MeOH); soluble in Me_2CO (> 100 mg/ml), MeOH (58 mg/ml), CH_3CN (43 mg/ml), H_2O (0.3 mg/ml), Et_2O (0.2 mg/ml), C_6H_6 (< 0.1 mg/ml); LD_{50} (mus orl) > 8000 mg/kg, (mus iv) = 750 mg/kg, (mus ip) = 6280 mg/kg. *Wyeth-Ayerst Labs.*; *Apothecon*; *Roberts Pharmaceutical Corp.*

4279 Idazoxan

79944-58-4



($\pm$)-2-(1,4-Benzodioxan-2-yl)-2-imidazoline.

Alpha(2)-adrenoceptor antagonist with antihypertensive properties.

4280 Idrapril

127420-24-0



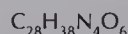
(1S,2R)-2-

[[[(Hydroxycarbonyl)methyl]methylcarbamoyl]cyclohexanecarboxylic acid.

An ACE inhibitor. Used as an antihypertensive agent.

4281 Iganidipine

119687-33-1



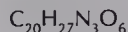
($\pm$)-3-(4-Allyl-1-piperazinyl)-2,2-dimethylpropyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

A calcium antagonist with antihypertensive properties.

4282 Imidapril

89371-37-9

4947



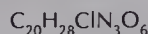
(S)-3-(N-[(S)-1-Ethoxycarbonyl-3-phenylpropyl]-L-alanyl)-1-methyl-2-oxoimidazoline-4-carboxylic acid.

Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 139-140°; $[\alpha]_D^{20}$ = -71.7° (c = 0.5 EtOH). *Tanabe Seiyaku.*

4283 Imidapril Hydrochloride

89396-94-1

4947



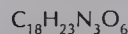
(S)-3-(N-[(S)-1-Ethoxycarbonyl-3-phenylpropyl]-L-alanyl)-1-methyl-2-oxoimidazoline-4-carboxylic acid monohydrochloride.

TA-6366; Novaloc; Tanapril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 214-216° (dec); $[\alpha]_D^{20}$ = -64.1° (c = 0.5 EtOH). *Tanabe Seiyaku.*

4284 Imidaprilat

89371-44-8

4947



(S)-3-(N-[(S)-1-Carboxyl-3-phenylpropyl]-L-alanyl)-1-methyl-2-oxoimidazoline-4-carboxylic acid.

imidaprilate. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 239-241°; $[\alpha]_D^{19}$ = -88.4° (c = 1 5% NaHCO_3). *Tanabe Seiyaku.*

4285 Indapamide

26807-65-8

4969

248-012-7



4-Chloro-N-(2-methyl-1-indolyl)-3-sulfamoylbenzamide.

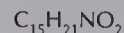
Lozol; S-1520; SE-1520; Bajaten; Damide; Fludex; Indaflex; Indamol; Ipamix; Natrilix; Noranat; Tandix; Veroxil; Pressural [as hemihydrate]. Diuretic and antihypertensive. mp = 160-162°; LD_{50} (rat ip) = 393-421 mg/kg; (rat iv) = 394-440 mg/kg, (rat orl) > 3000 mg/kg, (mus ip) = 410-564 mg/kg, (mus iv) = 577-635 mg/kg, (mus orl) > 3000 mg/kg, (gpg ip) = 347-416 mg/kg, (gpg iv) = 272-358 mg/kg, (gpg orl) > 3000 mg/kg. *Apothecon*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

4286 Indenolol

60607-68-3

4974

262-323-5



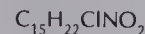
1-[Inden-4 (or -7)-yloxy]-3-(isopropylamino)-2-propanol.

Sch-28316Z; YB-2. Anti-arrhythmic, antihypertensive and antianginal agent. Non-selective β -adrenergic blocker. mp = 88-89°. *Yamanouchi U.S.A. Inc.*; *Schering Corp.*

4287 Indenolol Hydrochloride

81789-85-7

4974

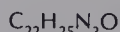


1-[Inden-4 (or -7)-yloxy]-3-(isopropylamino)-2-propanol hydrochloride.

Pulsan; Securpres. Anti-arrhythmic, antihypertensive and antianginal agent. Non-selective β -adrenergic blocker. mp = 147-148°; LD_{50} (mus iv) = 26 mg/kg. *Yamanouchi U.S.A. Inc.*; *Schering Corp.*

4288 Indoramin

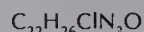
26844-12-2 5000 248-041-5



N-[1-(2-Indol-3-ylethyl)-4-piperidyl]benzamide.

Wy-21901. An α_1 -adrenergic blocking agent with antihypertensive and bronchodilating activity. mp = 208-210°. *Wyeth-Ayerst Labs.***4289 Indoramin Hydrochloride**

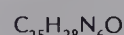
38821-52-2 5000 254-136-2



N-[1-(2-Indol-3-ylethyl)-4-piperidyl]benzamide hydrochloride.

Wy-21901 HCl; Baritol; Doralese; Vidora; Wydora; Wypres; Wypresin. An α_1 -adrenergic blocking agent with antihypertensive and bronchodilating activity. mp = 230-232°, 258-260°. *Wyeth-Ayerst Labs.***4290 Irbesartan**

138402-11-6 5097



2-Butyl-3-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-1,3-diazaspiro[4.4]non-1-en-4-one.

BMS-186295; SR-47436. Angiotensin II type 1 receptor antagonist. Used as an antihypertensive. mp = 180-181°. *Bristol-Myers Squibb Co.; Sanofi, Inc.***4291 Irindalone**

96478-43-2



(±)-(1R,3S)-1-[2-[4-[3-(p-Fluorophenyl)-1-indanyl]-1-piperazinyl]ethyl]-2-imidazolidinone.

A new 52-serotonergic antagonist with antihypertensive activity.

4292 Isradipine

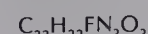
75695-93-1 5260



Isopropyl methyl (±)-4-(4-benzofurazanyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate.

DynaCirc; PN-200-110; Clivoten; Dynacrine; Esradin; Lomir; Prescal; Rebridin. Antihypertensive and antianginal. mp = 168-170°; [(S)-(+)-form (PN-205-033)]: mp = 142°; $[\alpha]_D^{20}$ = 6.7° (c = 1.5 EtOH); [(R)-(-)-form (PN-205-034)]: mp = 140°; $[\alpha]_D^{20}$ = 6.7° (c = 1.5 EtOH). *Sandoz Pharmaceuticals Corp.***4293 Ketanserin**

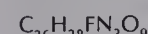
74050-98-9 5307 277-680-2



3-[2-[4-(p-Fluorobenzoyl)piperidino]ethyl]-2,4-(1H,3H)-quinazolinedione.

R-41468. Specific serotonin 5HT₂-receptor antagonist used as an antihypertensive agent. mp = 227-235°; soluble in H₂O (0.001 g/100 ml), EtOH (0.038 g/100 ml), DMF (2.34 g/100 ml). *Janssen Pharmaceutical Inc.***4294 Ketanserin Tartrate**

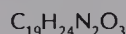
83846-83-7 5307 281-062-8



3-[2-[4-(p-Fluorobenzoyl)piperidino]ethyl]-2,4-(1H,3H)-quinazolinedione tartrate.

R-49945; Ket; Perketan; Serepress; Sufrexal. Specific serotonin 5HT₂-receptor antagonist used as anantihypertensive agent. *Janssen Pharmaceutical Inc.***4295 Labetalol**

36894-69-6 5341 253-258-3



5-[1-Hydroxy-2-[(1-methyl-3-phenylpropyl)amino]ethyl]-salicylamide.

ibidomide. Competitive α - and β -adrenergic receptor antagonist. Used as an antihypertensive. The (R,R) isomer is dilevalol. *Key Pharmaceuticals; Glaxo Wellcome Inc.***4296 Labetalol Hydrochloride**

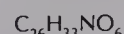
32780-64-6 5341 251-211-1



5-[1-Hydroxy-2-[(1-methyl-3-phenylpropyl)amino]ethyl]-salicylamide hydrochloride.

Normodyne; Trandate; Sch-15719W; AH-5158A; Amipress; Ipolab; Labelol; Labracol; Presdate; Pressalolo. Competitive α - and β -adrenergic receptor antagonist. Used as an antihypertensive. mp = 187-189°; soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃; LD₅₀ (mmus ip) = 114 mg/kg, (mmus iv) = 47 mg/kg, (mmus orl) = 1450 mg/kg, (fmsus ip) = 120 mg/kg, (fmsus iv) = 54 mg/kg, (fmsus orl) = 1800 mg/kg, (mrat ip) = 113 mg/kg, (mrat iv) = 60 mg/kg, (mrat orl) = 4550 mg/kg, (frat ip) = 107 mg/kg, (frat iv) = 53 mg/kg, (frat ol) = 4000 mg/kg. *Key Pharmaceuticals; Glaxo Wellcome Inc.; C.M. Industries.***4297 Lacidipine**

103890-78-4 5344



4-[o-[(E)-2-Carboxyvinyl]phenyl]-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid 4-tert-butyl-diethyl ester.

GR-43659X; GX-1048; Caldine; Lacipil; Lacirex; Motens. Dihydropyridine calcium channel blocker used as an antihypertensive agent. mp = 174-175°. *Glaxo Wellcome Inc.***4298 Lercanidipine**

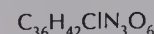
100427-26-7 5469



(±)-2-[(3,3-Diphenylpropyl)methylamino]-1,1-dimethylethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

masnidipine. Dihydropyridine calcium channel blocker used as an antihypertensive agent. *Recordati Industria Chimica.***4299 Lercanidipine Hydrochloride**

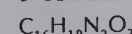
132866-11-6 5469



(±)-2-[(3,3-Diphenylpropyl)methylamino]-1,1-dimethylethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate hydrochloride.

Rec-15-2375; R-75. Dihydropyridine calcium channel blocker used as an antihypertensive agent. [hemihydrate]: mp = 119-123°; LD₅₀ (mus ip) = 83 mg/kg, (mus orl) = 657 mg/kg. *Recordati Industria Chimica.***4300 Levkromakalim**

94535-50-9 5487



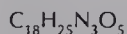
(3S,4R)-3-Hydroxy-2,2-dimethyl-4-(2-oxo-1-pyrrolidinyl)-6-chromancarbonitrile.

BRL-38227; (-)-cromakalim; lemakalim; [(±)-form]: cromakalim; BRL-34915. Potassium channel opener, used

as an antihypertensive agent. [(-)-form]: mp = 242-244°; $[\alpha]_D^{26} = -52.2^\circ$ (c = 1 CHCl₃); [(+)-form]: mp = 243-245°; $[\alpha]_D^{26} = 53.5$ (c = 1 CHCl₃); [(±)-form]: mp = 230-231°. *SmithKline Beecham Pharmaceuticals*.

4301 Libenzapril

109214-55-3



N-[(3S)-1-(Carboxymethyl)-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepin-3-yl]-L-lysine.

CGS-16617. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Ciba-Geigy Corp.*

4302 Lisinopril

83915-83-7 5540



1-[N¹[(S)-1-Carboxy-3-phenylpropyl]-L-lysyl]-L-proline dihydrate.

Prinivil; MK-521; Acerbon; Alapril; Carace; Coric; Novatec; Prinil; Tensopril; Vivatex; Zestril; ; component of: Prinzide. Angiotensin-converting enzyme inhibitor.

Used to treat hypertension. $\lambda_m = 246, 254, 258, 261, 267$ nm ($A_{1\text{ cm}}^{1\%}$ 4.0, 4.5, 5.1, 5.1, 3.7 0.1N NaOH), 246 253, 258, 264, 267 nm ($A_{1\text{ cm}}^{1\%}$ 3.2, 3.9, 4.5, 3.0, 2.8 0.1NHCl); $[\alpha]_{405}^{25} = -120^\circ$ (c = 1 in 0.25M Zn(OAc)₂ pH 6.4), $[\alpha]$. *Merck & Co., Inc.*

4303 Lofexidine

31036-80-3 5588



2-[1-(2,6-Dichlorophenoxy)ethyl]-2-imidazoline.

Vasoactive agent used as an antihypertensive drug. mp = 126-128°. *Marion Merrell Dow Inc.*

4304 Lofexidine Hydrochloride

21498-08-8 5588



2-[1-(2,6-Dichlorophenoxy)ethyl]-2-imidazoline hydrochloride.

MDL-14042; Baq-168; Britlofex; Lofetensin; Loxacor. Vasoactive agent used as an antihypertensive drug. mp = 221-223°, 230-232°; very soluble in H₂O, EtOH; slightly soluble in iPrOH; insoluble in Et₂O; LD₅₀ (mus orl) = 74-147 mg/kg, (mus iv) = 8-18 mg/kg, (rat orl) = 74-147 mg/kg, (rat iv) = 8-18 mg/kg, (dog orl) = 74-147 mg/kg, (dog iv) = 8-818. *Marion Merrell Dow Inc.*

4305 Losartan

114798-26-4 5613



2-Butyl-4-chloro-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]imidazole-5-methanol.

Angiotensin II receptor antagonist used as an antihypertensive agent. mp = 183.5-184.5°. *Merck & Co., Inc.; DuPont Merck Pharmaceutical Co.*

4306 Losartan Monopotassium Salt

124750-99-8 5613

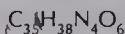


2-Butyl-4-chloro-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-imidazole-5-methanol monopotassium salt.

Cozaar; DuP-753; component of: Hyzaar. Angiotensin II receptor antagonist used as an antihypertensive agent. *Merck & Co., Inc.; DuPont Merck Pharmaceutical Co.*

4307 Manidipine

120092-68-4 5786



2-[4-(Diphenylmethyl)-1-piperazinyl]ethyl methyl (±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinecarboxylate.

franipidine; manidipine 6300. Dihydropyridine calcium channel blocker used as an antihypertensive agent. Vasodilator; antihypertensive. mp = 125-128°. *Takeda*.

4308 Manidipine Dihydrochloride

89226-75-5 5786

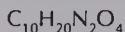


2-[4-(Diphenylmethyl)-1-piperazinyl]ethyl methyl (±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinecarboxylate dihydrochloride.

CV-4093; Calslot. Dihydropyridine calcium channel blocker used as an antihypertensive agent. Vasodilator; antihypertensive. mp $[\alpha \text{ form}] = 157-163^\circ$; mp $[\beta \text{ form}] = 174-180^\circ$; mp [monohydrate] = 167-170°; LD₅₀ (mmus sc) = 387 mg/kg, (mmus ip) = 62.2 mg/kg, (mmus orl) = 190 mg/kg, (fms sc) = 340 mg/kg, (fms ip) = 68.0 mg/kg, (fms orl) = 171 mg/kg, (mrat sc) = 2.

4309 Mebutamate

64-55-1 5813 200-587-5



2-sec-Butyl-2-methyl-1,3-propanediol dicarbamate.

Capla; Dormate; dicamoylmethane; W-583; Butatensin; Carbuten; Mebutina; Prean; Sigmafon; Vallene; Mega; No-Press; Axiten; Ipotensivo; component of: Caplaril. Antihypertensive agent. mp = 77-79°; soluble in organic solvents, slightly soluble in H₂O (0.1 g/100 ml). *Wallace Labs.*

4310 Mecamylamine

60-40-2 5814 200-476-1



N,2,3,3-Tetramethyl-2-norbornamine.

mecamine. Antihypertensive agent. Oily liquid; bp_{4.0} = 72°; slightly soluble in H₂O. *Merck & Co., Inc.*

4311 Mecamylamine Hydrochloride

826-39-1 5814 212-555-8

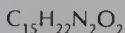


N,2,3,3-Tetramethyl-2-norbornamine hydrochloride.

Inversine; Mevasine. Antihypertensive agent. mp - 245.5-246.5°; soluble in H₂O (21.2 g/100 ml), EtOH (8.2 g/100 ml), glycerol (10.4 g/100 ml), iPrOH (2.1 g/100 ml). *Merck & Co., Inc.*

4312 Mepindolol

23694-81-7 5901 245-831-1



1-[Isopropylamino]-3-[(2-methyl-indol-4-yl)oxy]-2-propanol.

SH-E-222 [as sulfate salt]; Betagon; Corindolan; Mepicor. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. mp = 100-102°, 95-97°. *Sandoz Pharmaceuticals Corp.*

4313 Methyclothiazide

135-07-9 6086 205-172-2



6-Chloro-3-(chloromethyl)-3,4-dihydro-2-methyl-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide. Enduron; Aquatensen; Enduronyl; Eutron; NSC-110431; Duretic; Naturon. Diuretic. mp = 225°; λ_m = 226, 267, 311 nm (ϵ 39300, 21250, 3300 MeOH); very soluble in Me_2CO , $\text{C}_5\text{H}_5\text{N}$; less soluble in MeOH, EtOH; insoluble in H_2O , CHCl_3 , C_6H_6 . *Wallace Labs.; Carter-Wallace; Abbott Labs.*

4314 Methyl 4-Pyridyl Ketone Thiosemicarbazone

3115-21-7 6196

$\text{C}_8\text{H}_{10}\text{N}_4\text{S}$
2-[1-(4-Pyridinyl)ethylidene]hydrazinecarbothioamide. Antihypertensive agent. mp = 229-231° (dec). *Schenley.*

4315 Methyl 4-Pyridyl Ketone Thiosemicarbazone Hydrochloride

2260-13-1 6196

$\text{C}_8\text{H}_{11}\text{ClN}_4\text{S}$
2-[1-(4-Pyridinyl)ethylidene]hydrazinecarbothioamide hydrochloride. Depreton. Antihypertensive agent. *Schenley.*

4316 Methyldopa

555-30-6 6132 209-089-2

$\text{C}_{10}\text{H}_{13}\text{NO}_4$
3-Hydroxy- α -methyl-L-tyrosine. AMD; α -methyldopa; MK-351; Aldomet; Aldometil; Aldomine; Dopamet; Dopegyt; Elanpres; Equibar; Lederdopa; Medomet; Medopa; Medopren; Methoplain; Sembrina; Presinol. Antihypertensive agent. [L form sesquihydrate]: mp = 300° (dec); $[\alpha]_D^{23}$ = $-4.0^\circ \pm 0.5^\circ$ (c = 1 0.1N HCl); λ_m = 281 nm (ϵ 2780); soluble in H_2O (1 g/100 ml at 25°), insoluble in common organic solvents; [D-form]: soluble in H_2O (1.8 g/100 ml). *Merck & Co., Inc.*

4317 Methyldopa Ethyl Ester Hydrochloride

2508-79-4 6132 219-720-3

$\text{C}_{12}\text{H}_{18}\text{ClNO}_4$
3-Hydroxy- α -methyl-L-tyrosine ethyl ester hydrochloride. methyldopate hydrochloride. Antihypertensive agent. Soluble in H_2O (1-30 g/100 ml at 25°). *Merck & Co., Inc.*

4318 Meticrane

1084-65-7 6220 214-112-4

$\text{C}_{10}\text{H}_{13}\text{NO}_4\text{S}_2$
7-Methylthiochroman-7-sulfonamide 1,1-dioxide. SD-17102; Arresten; Fontilix. Diuretic. mp = 236-237°. *Soc. Ind. Fabric. Antibiot.*

4319 Metipranolol

22664-55-7 6221 245-151-5

$\text{C}_{17}\text{H}_{27}\text{NO}_4$
($\pm$)-1-(4-Hydroxy-2,3,5-trimethylphenoxy)-3-(isopropylamino)-2-propanol 4-acetate. OptiPranolol; BM01.004; VUFB6453; Betamet; methypranol; trimepranol; Betanol; Disorat; Glauline; Glausyn; Turoptin. A β -adrenergic blocker. Antihypertensive agent also used to treat glaucoma. mp = 105-107°, 108.5-110.5°; λ_m = 278, 274 nm ($A_{1\text{ cm}}^{1\%}$ 51.3, 50.5 MeOH); freely soluble in EtOH, CHCl_3 , C_6H_6 ; slightly soluble in Et_2O ; insoluble in H_2O ; LD₅₀ (mus iv) =

31 mg/kg. *Bausch & Lomb Pharmaceuticals, Inc.; SPOFA.*

4320 Metipranolol Hydrochloride

36592-77-5 6221

$\text{C}_{17}\text{H}_{28}\text{ClNO}_4$
($\pm$)-1-(4-Hydroxy-2,3,5-trimethylphenoxy)-3-(isopropylamino)-2-propanol 4-acetate hydrochloride. Betamann; Optipranolol. A β -adrenergic blocker. Antihypertensive agent also used to treat glaucoma. Soluble in H_2O . *Bausch & Lomb Pharmaceuticals, Inc.; SPOFA.*

4321 Metolazone

17560-51-9 6231 241-539-3

$\text{C}_{16}\text{H}_{16}\text{ClN}_3\text{O}_3\text{S}$
7-Chloro-1,2,3,4-tetrahydro-2-methyl-4-oxo-3-o-tolyl-6-quinazolinesulfonamide. Mykrox; Zaroxolyn; SR-720-22; Diulo; Metenix; Oldren; Xuret. Diuretic and antihypertensive. mp = 252-254°; LD₅₀ (mus orl) > 5000 mg/kg, (mus ip) > 1500 mg/kg. *Fisons Corp.*

4322 Metoprolol

37350-58-6 6235 253-483-7

$\text{C}_{15}\text{H}_{25}\text{NO}_3$
1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol. H 23/96. Class II anti-arrhythmic agent. Also has antihypertensive and antianginal activity. *Astra Hässle AB.*

4323 Metoprolol Fumarate

119637-66-0 6235

$\text{C}_{34}\text{H}_{54}\text{N}_2\text{O}_{10}$
1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol. Lopressor OROS; CGP 2175C. Class II anti-arrhythmic agent. Also has antihypertensive and antianginal activity. Insoluble in EtOAc, Me_2CO , diethylether and heptane. *Ciba-Geigy Corp.*

4324 Metoprolol Succinate

98418-47-4 6235

$\text{C}_{34}\text{H}_{56}\text{N}_2\text{O}_{10}$
1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol. Toprol XL; H 93/26 succinate. Class II anti-arrhythmic agent. A β_1 -selective (cardioselective) adrenoceptor blocking agent, for oral administration, available as extended release tablets. Also has antihypertensive and antianginal activity. Freely soluble in H_2O ; soluble in MeOH; sparingly soluble in EtOH; slightly soluble in CH_2Cl_2 , iPrOH; practically insoluble in EtOAc, Me_2CO , Et_2O , and C_7H_{16} . *Astra USA, Inc.*

4325 Metoprolol Tartrate

56392-17-7 6235 260-148-9

$\text{C}_{34}\text{H}_{56}\text{N}_2\text{O}_{12}$
1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol. HCTCGP 2175E; Beloc; Betaloc; Lopresor; Prelis; Seloken; Selopral; Selo-Zok; component of: Lopressor. Class II anti-arrhythmic agent. A β_1 -selective (cardioselective) adrenoceptor blocking agent, for oral administration, available as extended release tablets. Also

has antihypertensive and antianginal activity. Soluble in H_2O (> 100 g/100 ml), MeOH (>50 g/100 ml), $CHCl_3$ (49.6 g/100 ml), Me_2CO (0.11 g/100 ml), CH_3CN (0.089 g/100 ml); insoluble in C_6H_{14} ; LD_{50} ((fms iv) = 118 mg/kg, (fms orl) = 2090 mg/kg, (mrat iv) $\approx$ 90 mg/kg, (mrat orl) = 3090 mg/kg. *Ciba-Geigy Corp.; Apothecon; Lemmon Co.; C.M. Industries.*

4326 Mibefradil

116644-53-2 6261



(1S,2S)-[2-[[3-(2-Benzimidazolyl)propyl]methylamino]-ethyl]-6-fluoro-1,2,3,4-tetrahydro-1-isopropyl-2-naphthyl methoxyacetate.

Calcium channel blocker with antihypertensive activity. *Hoffmann-LaRoche Inc.*

4327 Mibefradil Dihydrochloride

116666-63-8 6261



(1S,2S)-[2-[[3-(2-Benzimidazolyl)propyl]methylamino]-ethyl]-6-fluoro-1,2,3,4-tetrahydro-1-isopropyl-2-naphthyl methoxyacetate dihydrochloride.

Posicor; Ro-40-5967/001. Calcium channel blocker with antihypertensive activity. mp = 128°; soluble in H_2O . *Hoffmann-LaRoche Inc.*

4328 Minoxidil

38304-91-5 6290 253-874-2

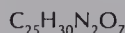


2,4-Diamino-6-piperidinopyrimidine 3-oxide.

Loniten; U-10858; PDP; Aloplexil; Alostil; Lonolox; Minoximen; Normoxidil; Pierminox; Prexidil; Regaine; Rogaine; Trocoxidil. Antihypertensive agent, also used in treatment of alopecia. mp = 248°, 259-261° (dec); λ_m = 230, 261, 285 nm (ϵ = 35210, 11210, 11790 EtOH), 232, 280 (ϵ = 26350, 23850 0.01N H_2SO_4), 231, 261.5, 285 nm (ϵ = 36100, 11400, 12040 0.01N KOH); soluble in propylene glycol (7.5 g/100 ml), MeOH (4.4 g/100 ml), EtOH (2.9 g/100 ml), iPrOH (0.67 g/100 ml), DMSO (0.65 g/100 ml), H_2O (0.22 g/100 ml), $CHCl_3$ (0.5 g/100 ml), Me_2CO , EtOAc, Et_2O , C_6H_6 , CH_3CN (< 0.5 g/100 ml); LD_{50} (rat iv) = 49 mg/kg, (mus iv) = 51 mg/kg. *Pharmacia & Upjohn, Inc.*

4329 Moexipril

103775-14-0



(3S)-2-[(2S)-N-[(1S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylic acid 2 ethyl ester.

RS-10029; 342. Angiotensin converting enzyme inhibitor. Used to treat hypertension. *Schwarz Pharma Kremers Urban Co.*

4330 Moexipril Hydrochloride

82586-52-5



(3S)-2-[(2S)-N-[(1S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylic acid 2-ethyl ester hydrochloride. Univasc; SPM-925; CI-925; RS-10085-197. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Schwarz Pharma Kremers Urban Co.*

4331 Mopidralazine

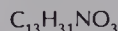
75841-82-6

4-[6-(2,5-Dimethylpyrrol-1-yl)amino]-3-pyrazinyl]-morpholine.

MDL-899 [as hydrochloride]. A pyrrolylpyridazinamine antihypertensive.

4332 Moprolol

5741-22-0 6345 227-254-7

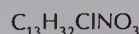


1-(Isopropylamino)-3-(o-methoxyphenoxy)-2-propanol.

Antihypertensive agent with antianginal properties. mp = 82-83°; [l-form (levomoprolol)]: mp = 78-80°; $[\alpha]_D^{25}$ = -5.5° $\pm$ 0.2°. *ICI.*

4333 Moprolol Hydrochloride

27058-84-0 6345 248-195-3

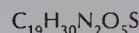


1-(Isopropylamino)-3-(o-methoxyphenoxy)-2-propanol hydrochloride.

SD-1601; Omeral. Antihypertensive agent with antianginal properties. mp = 110-112°; [l-form hydrochloride (Levotensin)]: mp = 121-123°; $[\alpha]_D^{25}$ = -16.3° (c = 5.0 EtOH). *ICI.*

4334 Moveltipril

85856-54-8 6368

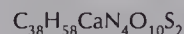


(-)-1-[(2S)-3-Mercapto-2-methylpropionyl]-L-proline ester with N-(cyclohexylcarbonyl)thio-D-alanine.

altipril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 113-116°; $[\alpha]_D^{25}$ = 14.2° (c = 1.05 MeOH). *Chugai Pharmaceutical Co., Ltd.*

4335 Moveltipril Calcium

85921-53-5 6368

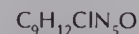


(-)-1-[(2S)-3-Mercapto-2-methylpropionyl]-L-proline ester with N-(cyclohexylcarbonyl)thio-D-alanine calcium salt (2:1).

MC-838; Lowpres. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp $\approx$ 190°; $[\alpha]_D^{20}$ = -48° to -52° (c = 1 MeOH); very soluble in H_2O , MeOH; soluble in EtOH, $CHCl_3$; insoluble in Me_2CO , EtOAc; LD_{50} (mmus orl) > 10.0 g/kg, (mmus ip) = 2.1 g/kg, (mmus sc) = 3.0 g/kg, (fms orl) > 10 g/kg, (fms ip) = 2.3 g/kg, (fms sc) = 3.8 g/kg, (mrat orl) > 10.0 g/kg, (mrat ip) = 1.3 g/kg, (mrat sc) = 3.4 g/kg, (frat orl) > 10.0 g/kg, (frat ip) = 1.3 g/kg, (frat sc) = 3.9 g/kg, (mdog orl) > 6.0 g/kg, (fdog orl) > 6.0 g/kg. *Chugai Pharmaceutical Co., Ltd.*

4336 Moxonidine

75438-57-2 6375



4-Chloro-5-(2-imidazolin-2-ylamino)-6-methoxy-2-methylpyrimidine.

BDF-5895; Cynt; Physiotens. An α_2 -adrenoceptor agonist and antihypertensive agent. mp = 217-219° (dec). *Beiersdorf, P., AG.*

4337 Moxonidine Hydrochloride

75438-58-3 6375



4-Chloro-5-(2-imidazolin-2-ylamino)-6-methoxy-2-methylpyrimidine hydrochloride.

An α_2 -adrenoceptor agonist and antihypertensive agent. mp = 189°. *Beiersdorf, P., AG.*

4338 Muzolimine

55294-15-0 6397 259-573-2

$C_{11}H_{11}Cl_2N_3O$

3-Amino-1-(3,4-dichloro- α -methyl)benzyl-2-pyrazolin-3-one.

Edrul®; BAY g 2821. Diuretic. mp = 127-129°; LD₅₀ (mus orl) = 1794 mg/kg, (dog orl) = 2000 mg/kg, (rbt orl) = 1250 mg/kg, (rat orl) = 1559 mg/kg. *Bayer AG.*

4339 Nadolol

42200-33-9 6431 255-706-3

$C_{17}H_{27}NO_4$

1-(tert-Butylamino)-3-[(5,6,7,8-tetrahydro-cis-6,7-dihydroxy-1-naphthyl)oxy]-2-propanol.

Corgard; SQ-11725; Anabet; Solgol. Antihypertensive and antianginal agent. A β -adrenergic blocker. mp = 124-136°; λ_m = 270, 278 nm ($\epsilon_{1\text{ cm}}^{1\%}$ 37.5, 39.1, MeOH); pKa = 9.67; poorly soluble in organic solvents; insoluble in Me₂CO, C₆H₆, Et₂O, C₆H₁₄; LD₅₀ (rat orl) = 5300 mg/kg, (mus orl) = 4500 mg/kg. *Apothecon; Bristol-Myers Products.*

4340 Naftopidil

57149-07-2 6443

$C_{24}H_{28}N_2O_3$

4-(o-Methoxyphenyl)- α -[(1-naphthyl)oxy)methyl]-1-piperazineethanol.

KT-611; Avishot; Flivas. An α_1 adrenergic blocker and serotonin 5HT_{1A} receptor agonist. Used as an antihypertensive agent. Also used in treatment of BPH. mp = 125-126°, 125-129°; insoluble in H₂O; LD₅₀ (mus orl) = 1300 mg/kg, (rat orl) = 6400 mg/kg. *Boehringer Mannheim GmbH; C.M. Industries.*

4341 Naftopidil Dihydrochloride

57149-08-3 6443

$C_{24}H_{30}Cl_2N_2O_3$

4-(o-Methoxyphenyl)- α -[(1-naphthyl)oxy)methyl]-1-piperazineethanol dihydrochloride.

An α_1 adrenergic blocker and serotonin 5HT_{1A} receptor agonist. Used as an antihypertensive agent. Also used in treatment of BPH. mp = 212-213°. *Boehringer Mannheim GmbH.*

4342 (±)-Naftopidil

132295-16-0 6443

$C_{24}H_{28}N_2O_3$

(±)-4-(o-Methoxyphenyl)- α -[(1-naphthyl)oxy)methyl]-1-piperazineethanol.

An α_1 adrenergic blocker and serotonin 5HT_{1A} receptor agonist. Used as an antihypertensive agent. Also used in treatment of BPH. *Boehringer Mannheim GmbH.*

4343 Nebivolol

99200-09-6 6519

$C_{22}H_{25}F_2NO_4$

α,α' -(1-iminodimethylene)bis[6-fluoro-2-chromanmethanol].

R-65824; dl-nebivolol; narbivolol; Nebilet. Antihypertensive agent. *Janssen Pharmaceutical Inc.*

4344 Nicardipine

55985-32-5 6579 259-932-3

$C_{26}H_{29}N_3O_6$

2-(Benzylmethylamino) ethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. *Yamanouchi U.S.A. Inc.; Syntex Labs. Inc.*

4345 Nicardipine Hydrochloride

54527-84-3 6579 259-198-4

$C_{26}H_{30}ClN_3O_6$

2-(Benzylmethylamino) ethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate monohydrochloride.

Cardene; YC-93; RS-69216; RS-69216-XX-07-0; Barizin; Bionocard; Dacarel; Lecibral; Lescodil; Loxen; Nerdipina; Nicant; Nicardal; Nicarpin; Nicapress; Nicodel; Nimicor; Perdipina; Perdipine; Ranvil; Ridene; Rycarden; Rydene; Vasodin; Vasonase. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. [α form]: mp = 179-181°; [β form]: mp = 168-170°; LD₅₀ (mrat orl) = 634 mg/kg, (mrat iv) = 18.1 mg/kg, (frat orl) = 557 mg/kg, (frat iv) = 25.0 mg/kg, (mmus orl) = 634 mg/kg, (mmus iv) = 20.7 mg/kg, (fmus orl) = 650 mg/kg, (fmus iv) = 19.9 mg/kg. *Yamanouchi U.S.A. Inc.; Syntex Labs. Inc.*

4346 Nifedipine

21829-25-4 6617 244-598-3

$C_{17}H_{18}N_2O_6$

Dimethyl 1,4-dihydro-2,6-dimethyl-4-(o-nitrophenyl)-3,5-pyridinedicarboxylate.

Adalat; Adalat CC; Procardia; Procardia XL; Bay a 1040; Hexadilat; Introcar; Kordafen; Nifedidor; Nifedin; Nifelan; Nifelat; Nifensar XL; Orix; Oxcord; Pidilat; Procardia; Sepamit; Tibricol; Zenusin. Coronary vasodilator used as an antianginal agent. mp = 172-174°; λ_m = 340, 235 nm (ϵ 5010, 21590 MeOH), 338, 238 nm (ϵ 5740 20600 0.1N HCl), 340, 238 nm (5740, 20510 0.1N NaOH); soluble in Me₂CO (250 g/l), CH₂Cl₂ (160 g/l), CHCl₃ (140 g/l), EtOAc (50 g/l), MeOH (26 g/l), EtOH (17 g/l); LD₅₀ (mus orl) = 494 mg/kg, (mus iv) = 4.2 mg/kg, (rat orl) = 1022 mg/kg, (rat iv) = 15.5 mg/kg. *Bayer AG; Pratt Pharmaceuticals.*

4347 Nilvadipine

75530-68-6 6637

$C_{19}H_{19}N_3O_6$

5-Isopropyl 3-methyl 2-cyano-1,4-dihydro-6-methyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

CL-287,389; FK-235; SK&F-102362; Escor; Nivadil. Antianginal, antiarrhythmic agent. A β -adrenergic blocker. mp = 148-150°; [(+) form]; [α]_D²⁰ = 222.42° (c = 1 MeOH); [(-) form]: [α]_D²⁰ = -219.62° (c = 1 MeOH). *Fujisawa USA, Inc.; SmithKline Beecham Pharmaceuticals.*

4348 Nipradilol

81486-22-8 6655

$C_{15}H_{22}N_2O_6$

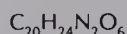
8-[2-Hydroxy-3-(isopropylamino)propoxy]-3-chromanol.

Nipradolol; K-351; Hypadil. Antianginal, antihypertensive agent. A β -adrenergic blocker with vasodilating activity. mp = 107-116°, 110-122°; LD₅₀ (mus iv) = 74.0 mg/kg, (rat iv) = 73.0 mg/kg, (mus orl) = 540 mg/kg. *Kowa*

Chemical Industries Co., Ltd.

4349 Nisoldipine

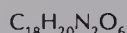
63675-72-9 6658 264-407-7



1,4-Dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylic acid methyl 2-methylpropyl ester. Bay k 5552; Baymycard; Norvasc; Syscor; Zadipina; Nisocor; Sular. Antianginal, antihypertensive agent. Calcium channel blocker. Used as an antihypertensive and anti-anginal. mp = 151-152°. Bayer AG; Zeneca Pharmaceuticals.

4350 Nitrendipine

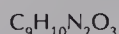
39562-70-4 6669 254-513-1



(±)-Ethyl methyl-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate. Baypress; Bay e 5009; Bayotensin; Bylotensin; Deiten; Nidrel. Dihydropyridine calcium channel blocker used as an antihypertensive agent. mp = 158°; insoluble in H₂O; LD₅₀ (mus iv) = 39 mg/kg, (mus orl) = 2540 mg/kg, (rat iv) = 12.6 mg/kg, (rat orl) > 10000 mg/kg. Bayer AG.

4351 Olmidine

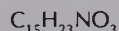
22693-65-8



3,4-(Methylenedioxy)mandelamidine. dl-mandelamidine. Antihypertensive.

4352 Oxprenolol

6452-71-7 7086 229-257-9



1-(o-Allyloxyphenoxy)-3-isopropylamino-2-propanol. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. mp = 78-80°. Ciba-Geigy Corp.; Bayer AG.

4353 Oxprenolol Hydrochloride

6452-73-9 7086 229-260-5



1-(o-Allyloxyphenoxy)-3-isopropylamino-2-propanol hydrochloride. Ba-39089; Coretal; Laracor; Paritane; Slow-Pren; Trasacor; Trasacor. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. mp = 107-109°. Ciba-Geigy Corp.; Bayer AG.

4354 Paraflutizide

1580-83-2 7157 216-426-7



6-Chloro-3,4-dihydro-3-(p-fluorobenzyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide. LD-3612. Diuretic. mp = 238-240°.

4355 Pargyline

555-57-7 7172 209-101-6



N-Methyl-N,2-propynylbenzylamine. MO-911; A-19120; Eudatin; Supirdyl. Monoamine oxidase inhibitor with antihypertensive properties. bp₁₁ = 96-97°. Abbott Labs.

4356 Pargyline Hydrochloride

306-07-0 7172 206-175-1



N-Methyl-N,2-propynylbenzylamine hydrochloride. Eutonil; A-19120; MO-911; NSC-43798; component of: Eutron. Monoamine oxidase inhibitor with antihypertensive properties. mp = 154-155°, soluble in H₂O. Abbott Labs.

4357 Pempidine

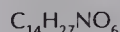
79-55-0 7207 201-211-2



1,2,2,6,6-Pentamethylpiperidine. Ganglion blocking agent with antihypertensive properties. bp = 147°; [p-toluenesulfonate]: mp = 162-163°. May & Baker Ltd.

4358 Pempidine Tartrate

546-48-5 7207 208-902-8



1,2,2,6,6-Pentamethylpiperidine tartrate. M&B-4486; Pempidil; Pempiten; Perolysen; Tenormal; Tensinol; Tensoral. Ganglion blocking agent with antihypertensive properties. mp = 160°; soluble in EtOH, moderately soluble in H₂O. May & Baker Ltd.

4359 Penbutolol

38363-40-5 7209



(S)-1-(tert-Butylamino)-3-(o-cyclopentylphenoxy)-2-propanol.

Antianginal, antihypertensive and antiarrhythmic. A β-adrenergic calcium channel blocker with antiarrhythmic activity. mp = 68-72°; [α]_D²⁰ = -11.5° (c = 1 MeOH); soluble in MeOH, EtOH, CHCl₃. Hoechst.

4360 Penbutolol Sulfate

38363-32-5 7209 253-906-5



(S)-1-(tert-Butylamino)-3-(o-cyclopentylphenoxy)-2-propanol sulfate (salt) (2:1). HOE-893d; HOE-39-893d; Betapressin; Levatol; Paginol. Antianginal, antihypertensive and antiarrhythmic. A β-adrenergic calcium channel blocker with antiarrhythmic activity. mp = 216-218° (dec); [α]_D²⁰ = -24.6° (c = 1 MeOH). Hoechst.

4361 Pentacyinium Bis(methyl sulfate)

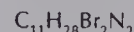
3810-83-1 7243



4-[2-[(5-Cyano-5,5-diphenylpentyl)methylamino]ethyl]-4-methylmorpholinium bis(methylsulfate). pentacyone mesylate; Presidal. Ganglion blocking agent with antihypertensive properties. mp = 173-175°; soluble in H₂O. Glaxo Wellcome Inc.

4362 Pentamethonium Bromide

541-20-8 7253 208-771-7



N,N,N',N'-Hexamethyl-1,5-pentanediaminium bromide. C-5; Penthonium; Lytensium. Ganglion blocking agent with antihypertensive properties.

4363 Pentolinium Tartrate

52-62-0 7274 200-146-7
 $C_{23}H_{42}N_2O_{12}$
 1,1'-(1,5-Pentanediyloxy)bis[1-methyl-pyrrolidinium] salt with [R-(R*, R*)]-2,3-dihydroxybutanedioic acid. pentapyrrolidinium bitartrate; M&B-2050A; Ansolsen tartrate; Ansolsen bitartrate; Pentilium. Ganglion blocking agent with antihypertensive properties. mp = 203° (dec); freely soluble in H₂O (250 g/100 ml); soluble in EtOH (0.12 g/100 ml); insoluble in Et₂O, CHCl₃. May & Baker Ltd.

4364 Pentopril

82924-03-6
 $C_{18}H_{23}NO_5$
 Ethyl (αR,σR,2S)-2-carboxy-α,σ-dimethyl-δ-oxo-1-indoline valerate. CGS-13945. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. Ciba-Geigy Corp.

4365 Perindopril

82834-16-0 7311
 $C_{19}H_{32}N_2O_5$
 (2S,3aS,7aS)-1-[(S)-N-[(S)-1-Carboxybutyl]alanyl]-hexahydro-2-indolinecarboxylic acid. S-9490-3; McN-A-2833; perindoprilat [diacid form]; S-9780 [diacid form]. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. McNeil Pharmaceutical.

4366 Perindopril tert-Butylamine

107133-36-8 7311
 $C_{23}H_{43}N_3O_5$
 (2S,3aS,7aS)-1-[(S)-N-[(S)-1-Carboxybutyl]alanyl]-hexahydro-2-indolinecarboxylic acid tert-butylamine salt. perindopril erbumine; S-9490-3; McN-A-2833-109; Aceon; Coversum; Coversyl; Procapitan. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. McNeil Pharmaceutical.

4367 Phenactropinium Bromide

3784-89-2 7346
 $C_{24}H_{28}ClNO_4$
 3-[(Hydroxyphenylacetyl)oxy]-8-methyl-8-(2-oxo-2-phenylethyl)-8-azoniabicyclo[3.2.1]octane chloride. N-phenacylhomatropinium chloride; Trophenium. Ganglion blocking agent with antihypertensive properties. mp = 195-197°. Smith, T&H.

4368 Pheniprazine

55-52-7 7382 200-236-6
 $C_9H_{14}N_2$
 (1-Methyl-2-phenylethyl)hydrazine. PIH. Antihypertensive agent. [D-form]: bp₁₀ = 135-138°; [α]_D²⁵ = 4.5° (c = 5 MeOH); [L-form]: bp₁₀ = 135-138°; [α]_D²⁵ = -4.5° (c = 5 MeOH). Lakeside Biotechnology.

4369 (±)-Pheniprazine

52031-11-5 7382
 $C_9H_{14}N_2$
 (±)-(1-Methyl-2-phenylethyl)hydrazine. Antihypertensive agent. bp_{0.5} = 82-86°. Lakeside Biotechnology.

4370 (±)-Pheniprazine Hydrochloride

54779-57-6 7382
 $C_9H_{15}ClN_2$
 (±)-(1-Methyl-2-phenylethyl)hydrazine hydrochloride. JB-516; Catral; Catron; Catroniazid; Cavodil. Antihypertensive agent. mp = 124-125°; [D-form]: mp = 152-154°, 148-149°; [α]_D²⁵ = 12.8° (c = 5 H₂O), 13.8° (c = 1 H₂O); [L form]: mp = 152-154°, 148-149°; [α]_D²⁵ = -12.5° (c = 5 H₂O), -14.0° (c = 1 H₂O). Lakeside Biotechnology.

4371 Phentolamine

50-60-2 7417 200-053-1
 $C_{17}H_{19}N_3O$
 m-[N-(2-Imidazolin-2-ylmethyl)-p-toluidino]phenol. Regitine; C-7337. An α-adrenergic blocker used as an antihypertensive agent. mp = 174-175°. Ciba-Geigy Corp.

4372 Phentolamine Hydrochloride

73-05-2 7417 200-793-5
 $C_{17}H_{20}ClN_3O$
 m-[N-(2-Imidazolin-2-ylmethyl)-p-toluidino]phenol hydrochloride. Regitine hydrochloride. An α-adrenergic blocker used as an antihypertensive agent. mp = 239-240°; soluble in H₂O (2 g/100 ml), EtOH (1.43 g/100 ml); slightly soluble in CHCl₃; insoluble in Me₂CO, EtOAc; LD₅₀ (rat iv) = 75 mg/kg, (rat sc) = 275 mg/kg, (rat orl) = 1250 mg/kg. Ciba-Geigy Corp.

4373 Phentolamine Monomethanesulfonate

65-28-1 7417 200-604-6
 $C_{18}H_{23}N_3O_4S$
 m-[N-(2-Imidazolin-2-ylmethyl)-p-toluidino]phenol monomethanesulfonate. phentolamine mesylate; Regitine; Rogitine. An α-adrenergic blocker used as an antihypertensive agent. Also used as a diagnostic aid and treatment for pheochromocytoma. mp = 177-181°; soluble in H₂O (2 g/100 ml), EtOH (4.35 g/100 ml), CHCl₃ (0.15 g/100 ml). Ciba-Geigy Corp.

4374 Piclonidine

72467-44-8 276-672-6
 $C_{14}H_{17}Cl_2N_3O$
 N-(2,6-Dichlorophenyl)-4,5-dihydro-N-(tetrahydro-2H-pyran-2-yl)-1H-imidazol-2-amine. LR-99853. Clonidine analog. Antihypertensive.

4375 Pildralazine

64000-73-3 7577
 $C_8H_{15}N_5O$
 (±)-1-[(6-Hydrazino-3-pyridazinyl)methylamino]-2-propanol. propylidazine; propildazine. Peripheral vasodilator with antihypertensive activity. I.S.F.

4376 Pildralazine Dihydrochloride

56393-22-7 7577
 $C_8H_{17}Cl_2N_5O$
 (±)-1-[(6-Hydrazino-3-pyridazinyl)methylamino]-2-propanol dihydrochloride. ISF-2123; Atensil. Peripheral vasodilator with antihypertensive activity. mp = 206-209° (dec); LD₅₀ (mus ip) = 357 mg/kg, (mus orl) = 1170 mg/kg, (rat ip) = 355

mg/kg, (rat orl) = 1230 mg/kg. *I.S.F.*

4377 Pinacidil

85371-64-8 7592

$C_{28}H_{29}F_2N_3O \cdot H_2O$

(±)-2-Cyano-1-(4-pyridyl)-3-(1,2,2-trimethylpropyl)-guanidine monohydrate.

Pindac; P-1134; [anhydrous form] CAS 60560-33-0. Potassium channel opening vasodilator used as an antihypertensive agent. mp = 164-165°; LD₅₀ (mus orl) = 600 mg/kg, (rat orl) = 570 mg/kg. *Eli Lilly & Co.*

4378 Pindolol

13523-86-9 7597 236-867-9

$C_{14}H_{20}N_2O_2$

1-(Indol-4-yloxy)-3-(isopropylamino)-2-propanol.

LB-46; Visken; prinodolol; Betapindol; Blocklin L; Calvisken; Decreten; Durapindol; Glauco-Visken; Pectobloc; Pinbetol; Pynastin. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β-adrenergic blocker. mp = 171-163°. *Sandoz Pharmaceuticals Corp.*

4379 Piperoxan

59-39-2 7631

$C_{14}H_{19}NO_2$

2-Piperidinomethyl-1,4-benzodioxan.

benzodioxane; Benodaine. An α-adrenergic blocker used as an antihypertensive agent. Also used as a diagnostic aid and a treatment for pheochromocytoma. bp₁₇ = 193°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

4380 Piperoxan Hydrochloride

135-87-5 7631 205-222-3

$C_{14}H_{20}ClNO_2$

2-Piperidinomethyl-1,4-benzodioxan hydrochloride.

compd. 933F; Fourneau 933. An α-adrenergic blocker used as an antihypertensive agent. Also used as a diagnostic aid and a treatment for pheochromocytoma. [dl form]: mp = 232-234°; λ_m = 275 nm (E_{1 cm}^{1%} 82); freely soluble in H₂O, iPrOH (10.8 mg/g). *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

4381 Polythiazide

346-18-9 7744 206-468-4

$C_{11}H_{13}ClF_3N_3O_4S_3$

6-Chloro-3,4-dihydro-2-methyl-3-[(2,2,2-trifluoromethyl)thio]methyl]-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Renese; P-2525; NSC-108161; Drenusil; Nephрил. Diuretic and antihypertensive. mp = 202.5°; soluble in MeOH, Me₂CO; insoluble in H₂O, CHCl₃. *Pfizer Inc.*

4382 Prazosin

19216-56-9 7897 242-885-8

$C_{19}H_{21}N_5O_4$

1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furoyl)piperazine.

furazosin. An α₁-adrenergic blocking agent used as an antihypertensive agent and also in treatment of BPH. mp = 278-280°. *Pfizer Inc.*

4383 Prazosin Hydrochloride

19237-84-4 7897 242-903-4

$C_{19}H_{22}ClN_5O_4$

1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furoyl)piperazine hydrochloride.

Minipress; CP-12299-1; Alpress LP; Duramipress; Eurex; Hypovase; Peripress; Sinetens. An α₁-adrenergic blocking agent used as an antihypertensive agent and also in treatment of BPH. Soluble in Me₂CO (0.72 mg/100 ml), MeOH (640 mg/100 ml), EtOH (84 mg/100 ml), DMF (130 mg/100 ml), dimethylacetamide (120 mg/100 ml), H₂O (140 mg/100 ml at pH 3.5), CHCl₃ (4.1 mg/100 ml); λ_m = 246, 329 nm (a_m = 137 ± 3, 27.6 ± 0.3 MeOH/1% HCl). *Pfizer Inc.*

4384 Pronethalol

54-80-8 7974

$C_{15}H_{19}NO$

2-Isopropylamino-1-(naphth-2-yl)ethanol.

pronetalol; nethalide. Antianginal, anti-arrhythmic and antihypertensive agent. mp = 108°. *Wyeth-Ayerst Labs.*

4385 Pronethalol Hydrochloride

51-02-5 7974

$C_{15}H_{20}ClNO$

2-Isopropylamino-1-(naphth-2-yl)ethanol hydrochloride.

ICI-38174; Alderlin. Antianginal, anti-arrhythmic and antihypertensive agent. mp = 184°; LD₅₀ (mus orl) = 512 mg/kg, (mus iv) = 46 mg/kg. *Wyeth-Ayerst Labs.*

4386 Propranolol

525-66-6 8025 208-378-0

$C_{16}H_{21}NO_2$

1-(Isopropylamino)-3-(1-naphthyloxy)-2-propanol.

Avlocardyl; Euprovasin. Antianginal and antiarrhythmic agent. A β-adrenergic blocker. mp = 96°. *Wyeth-Ayerst Labs.; Parke-Davis; ICI.*

4387 Propranolol Hydrochloride

318-98-9 8025 206-268-7

$C_{16}H_{22}ClNO_2$

1-(Isopropylamino)-3-(1-naphthyloxy)-2-propanol hydrochloride.

AY-64043; ICI-45520; NSC-91523; Angilol; Apsolol; Bedranol; Beprane; Berkolol; Beta-Neg; Beta-Tablinen; Beta-Timelets; Cardinol; Caridolol; Deralin; Dociton; Duranol; Efektolol; Elbol; Frekven; Inderal; Indobloc; Intermigran; Kemi S; Oposim; Prano-Puren; Prophylux; Propanur; Pylapron; Rapynogen; Sagittol; Servanolol; Sloprolol; Sumial; Tesnol. Antianginal and antiarrhythmic agent. A β-adrenergic blocker. mp = 163-164°; soluble in H₂O, alcohol; insoluble in Et₂O, C₆H₆, EtOAc; LD₅₀ (mus orl) = 565 mg/kg, (mus iv) = 22 mg/kg, (mus ip) = 107 mg/kg. *Wyeth-Ayerst Labs.; Parke-Davis; ICI.*

4388 Protoveratrine

8086

Provell [mixture of protoveratrine A and B]; Tensatrin [mixture of protoveratrine A and B]; Veralba [mixture of protoveratrine A and B]; Protalba [protoveratrine A]; veratrine [protoveratrine B]; neoprotoveratrine [protoveratrine B]. Antihypertensive agent. Extract from the rhizome of *Veratrum album* L., Liliaceae, consists primarily of protoveratrine A and protoveratrine B. mp = 266-267° (dec); [α]_D²⁵ = -8.5° (c = 1.99 CHCl₃); insoluble in H₂O, soluble in polar organic solvents; LD₅₀ (mus iv) = 0.048 mg/kg.

4389 Quinapril

85441-61-8

8233

 $C_{25}H_{30}N_2O_5$

(S)-2-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid 1-ethyl ester.

Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Parke-Davis*.**4390 Quinapril Hydrochloride**

82586-55-8

8233

 $C_{25}H_{31}ClN_2O_5$

(S)-2-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid 1-ethyl ester monohydrochloride.

CI-906; PD-109452-2; Accupril; Accuprin; Accupro; Acequin; Acutiel; Korec; Quinazil; component of: Accuretic; Acequide; Korectic. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 120-130°, 119-121.5°; $[\alpha]_D^{23} = 14.5^\circ$ (c = 1.2 EtOH), $[\alpha]_D^{25} = 15.4^\circ$ (c = 2.0 MeOH); LD₅₀ (mmus orl) = 1739 mg/kg, (mmus iv) = 504 mg/kg, (fmus orl) = 1840 mg/kg, (fmus iv) = 523 mg/kg, (mrat orl) = 4280 mg/kg, (mrat iv) = 158 mg/kg, (frat orl) = 3541 mg/kg, (frat iv) = 107 mg/kg. *Parke-Davis*.**4391 Quinaprilat**

82768-85-2

8233

 $C_{23}H_{26}N_2O_5$

(S)-2-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid.

CI-928. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 166-168°; $[\alpha]_D^{23} = 20.9^\circ$ (c = 1 MeOH). *Parke-Davis*.**4392 Quinethazone**

73-49-4

8240

200-801-7

 $C_{10}H_{12}ClN_3O_3S$

7-Chloro-2-ethyl-1,2,3,4-tetrahydro-4-oxo-6-quinzaolinesulfonamide.

CL-36010; Hydromox; Aquamox. Diuretic and antihypertensive. mp = 250-252°; soluble in EtOH, Me₂CO. *American Cyanamid*.**4393 Ramipril**

87333-19-5

8283

 $C_{23}H_{32}N_2O_5$

(2S,3aS,6aS)-1-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]octahydrocyclopenta[b]-pyrrole-2-carboxylic acid.

Altace; HOE-498; Cardace; Delix; Pramace; Quark; Ramace; Triatec; Tritace; Unipril; Vesdil. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 109°; $[\alpha]_D^{24} = 33.2^\circ$ (c = 1 0.1N ethanolic HCl); LD₅₀ (mmus iv) = 1194 mg/kg, (mmus orl) = 10933 mg/kg, (fmus iv) = 1158 mg/kg, (fmus orl) = 10048 mg/kg, (mrat iv) = 687 mg/kg, (mrat orl) > 10000 mg/kg, (frat iv) = 608 mg/kg, (frat orl) > 10000 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.***4394 Raubasine**

483-04-5

8291

207-589-5

 $C_{21}H_{24}N_2O_3$ 16,17-Didehydro-19 α -methyloxayohimban-16-carboxylic acid methyl ester.

tetrahydroserpentine; ajmalicine; Circolene;

Hydrosarpan; Isoarteril; Lamuran. An α_1 -adrenergic blocker isolated from the bark of *Corynanthe johimbe* K. Sachum., Rubiaceae. Used as an antihypertensive agent. Used as an antihypertensive agent and also as a cerebral and peripheral vasodilator with anti-ischemic properties. mp = 257° (dec); $[\alpha]_D^{20} = -60^\circ$ (c = 0.5 CHCl₃); $[\alpha]_D^{20} = -39^\circ$ (c = 0.25 MeOH); $\lambda_m = 227, 292$ nm (log $\epsilon = 4.62, 3.79$ EtOH); [hydrochloride]: mp = 290° (dec); sparingly soluble in H₂O; $[\alpha]_D^{20} = -17^\circ$ (c = 0.5 MeOH); [hydrobromide]: mp = 295-296°.**4395 Remikiren**

126222-34-2

 $C_{33}H_{50}N_4O_6S$

(αS)-α-[(αS)-α-[(tert-Butylsulfonyl)methyl]cinnamido]-N-[(1S,2R,3S)-1-(cyclohexylmethyl)-3-cyclopropyl-2,3-dihydroxypropyl]imidazole-4-propionamide. Ro-42-5892. Renin inhibitor. Antihypertensive.

4396 Rescimetol

73573-42-9

8310

 $C_{33}H_{38}N_2O_8$

(3β,16β,17α,18β(E),20α)-18-[[3-(4-Hydroxy-3-methoxyphenyl)-1-oxo-2-propenyl]oxy]-11,17-dimethoxyyohimban-16-carboxylic acid methyl ester.

CD-3400; WHO-4939; Toscana. Antihypertensive agent. mp = 259-260°. *Nippon Chemiphar*.**4397 Rescinnamine**

24815-24-5

8311

246-471-8

 $C_{35}H_{42}N_2O_9$

(3β,16β,17α,18β,20α)-11,17-Dimethoxy-18-[[1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl]oxy]-3,20-yohimban-16-carboxylic acid methyl ester.

reserpinene; Anaprel; Apoterin S; Cartric; Cinnaloid; Moderil. Antihypertensive agent. mp = 238-239° (in vacuo); $[\alpha]_D^{24} = -97^\circ$ (c = 1 CHCl₃); $\lambda_m = 228, 302$ nm (log $\epsilon = 4.79, 4.48$ MeOH); insoluble in H₂O; moderately soluble in C₆H₆, MeOH, CHCl₃, other organic solvents. *Pfizer Inc.***4398 Reserpine**

50-55-5

8314

200-047-9

 $C_{33}H_{40}N_2O_9$

Methyl 18β-hydroxy-11,17α-dimethoxy-3β,20α-yohimban-16β-carboxylate 3,4,5-trimethoxybenzoate (ester).

Rau-Sed; Sandril; Serpasil; Serpiloid; component of: Demi-Regroton, Diupres, Diutensen-R, Hydropres, Metatensin, Naquival, Regroton, Renese R, Salutensin, Ser-Ap-Es, Unipres. Antihypertensive agent. mp = 264-265°, 277-277.5° (dec); $[\alpha]_D^{23} = -118^\circ$ (CHCl₃); $[\alpha]_D^{26} = -164^\circ$ (c = 0.96 C₅H₅N); $[\alpha]_D^{26} = -168^\circ$ (c = 0.624 DMF); $\lambda_m = 216, 267, 295$ nm ($\epsilon = 61700, 17000, 10200$, CHCl₃); sparingly soluble in H₂O; freely soluble in CHCl₃, CH₂Cl₂, AcOH; soluble in C₆H₆, EtOAc, EtOH (0.55 g/100 ml), Et₂O; [hydrochloride hydrate]: mp = 224° (dec). *Bristol-Myers Squibb Co.*; *Eli Lilly & Co.*; *Ciba-Geigy Corp.*; *3M Pharmaceuticals*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *Merck & Co., Inc.*; *Wallace Labs.*; *Marion Merrell Dow Inc.*; *Schering Corp.*; *Pfizer Inc.*; *Roberts Pharmaceutical Corp.*; *Solvay Pharmaceuticals*.

4399 Rilmenidene

54187-04-1 8388 259-021-0
 $C_{10}H_{16}N_2O$
 2-[(Dicyclopropylmethyl)amino]-2-oxazoline.
 oxaminosoline; S-3341; [phosphate]: Hyperium; S-3341-3. An α_2 -adrenoceptor agonist used as an antihypertensive agent. mp = 106-107°; [phosphate]: soluble in H_2O (19 g/100 ml), MeOH (7 g/100 ml), $CHCl_3$, EtOH (0.7 g/100 ml); LD₅₀ (mus orl) = 375 mg/kg, (rat orl) = 295 mg/kg; [fumarate]: mp = 170°. *Sci. Union et Cie, France.*

4400 Sampatrilat

129981-36-8
 $C_{26}H_{40}N_4O_9S$
 N-[1-[1-(S)-3-[(S)-6-Amino-2-methanesulfonamido-hexanamido]-2-carboxypropyl]cyclopentyl]carbonyl]-L-tyrosine.
 A novel dual inhibitor of both angiotensin-converting enzyme (ACE) and neutral endopeptidase (NEP). Antihypertensive.

4401 Saralasin

34273-10-4 8518
 $C_{42}H_{65}N_{13}O_{10}$
 N-[1-[N-[N-[N-[N-[N²(N-Methylglycyl-L-arginyl)-L-valyl]-L-tyrosyl]-L-valyl]-L-histidyl]-L-prolyl]-L-alanine-1-sar-8-ala-angiotensin II. A specific antagonist of angiotensinII. Used as an antihypertensive agent. Also used for diagnosis of renin-dependent hypertension. *Norwich.*

4402 Saralasin Hydrated Acetate

39698-78-7 8518
 $C_{42}H_{65}N_{13}O_{10} \cdot xC_2H_4O_2 \cdot xH_2O$
 N-[1-[N-[N-[N-[N-[N²(N-Methylglycyl-L-arginyl)-L-valyl]-L-tyrosyl]-L-valyl]-L-histidyl]-L-prolyl]-L-alanine acetate (salt) hydrate.
 P-113; Sarenin; Sar-Arg-Val-Tyr-Val-His-Pro-Ala. A specific antagonist of angiotensinII. Used as an antihypertensive agent. Also used for diagnosis of renin-dependent hypertension. mp = 256°; soluble in H_2O ; LD₅₀ (mmus iv) = 1171 mg/kg. *Norwich.*

4403 Semotiadil

116476-13-2 8590
 $C_{29}H_{32}N_2O_6S$
 (+)-(R)-2-[5-Methoxy-2-[3-[methyl[2-[3,4-(methylenedioxy)phenoxy]ethyl]amino]propoxy]phenyl]-4-methyl-2H-1,4-benzothiazin-3(4H)-one.
 sesamolil; DS-4823. A calcium antagonist used for control of hypertension. *Santen.*

4404 Semotiadil Fumarate

116476-14-3 8590
 $C_{33}H_{36}N_2O_{10}S$
 (+)-(R)-2-[5-Methoxy-2-[3-[methyl[2-[3,4-(methylenedioxy)phenoxy]ethyl]amino]propoxy]phenyl]-4-methyl-2H-1,4-benzothiazin-3(4H)-one fumarate.
 SD-3211. A calcium antagonist used for control of hypertension. mp = 134-135°; $[\alpha]_D^{25} = 195^\circ$ (DMSO). *Santen.*

4405 Sodium Nitroprusside

14402-89-2 8794 238-373-9

$C_5FeN_6Na_2O$
 Disodium pentacyanonitrosylferrate(2-).
 † sodium nitroprussiate; Nipruss. Antihypertensive agent. *Elkins-Sinn; Hoffmann-LaRoche Inc.; Abbott Labs.*

4406 Sodium Nitroprusside Dihydrate

13755-38-9 8794
 $C_5FeN_6Na_2O \cdot 2H_2O$
 Disodium pentacyanonitrosylferrate(2-) dihydrate.
 Nipride; Nitropress. Antihypertensive agent. Soluble in H_2O (43 g/100 ml), slightly soluble in EtOH. *Elkins-Sinn; Hoffmann-LaRoche Inc.; Abbott Labs.*

4407 Sotalol

3930-20-9 8876
 $C_{12}H_{20}N_2O_3S$
 4'-[1-Hydroxy-2-(isopropylamino)ethyl]-methanesulfonanilide.
 A β -adrenergic blocker used as an antihypertensive agent. $\lambda_m = 242.2, 275.2$ nm ($CHCl_3$). *Berlex Labs., Inc.; Bristol-Myers Squibb Co.*

4408 Sotalol Hydrochloride

959-24-0 8876 213-496-0
 $C_{12}H_{21}ClN_2O_3S$
 4'-[1-Hydroxy-2-(isopropylamino)ethyl]methanesulfonanilide monohydrochloride.
 Betapace; MJ-1999; Beta-Cardone; Darob; Sotacor; Sotalex. A β -adrenergic blocker used as an antihypertensive agent. mp = 206.5-207°, 218-219°; freely soluble in H_2O , slightly soluble in $CHCl_3$; LD₅₀ (mmus orl) = 2600 mg/kg, (mmus ip) = 670 mg/kg, (mrat orl) = 3450 mg/kg, (mrat ip) = 680 mg/kg, (rbt orl) = 1000 mg/kg, (dog ip) = 330 mg/kg. *Berlex Labs., Inc.; Bristol-Myers Squibb Co.*

4409 Spirapril

83647-97-6 8905
 $C_{22}H_{30}N_2O_5S_2 \cdot 0.5H_2O$
 (8S)-7-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,4-dithia-7-azaspiro[4.4]nonane-8-carboxylic acid 1-ethyl ester.
 Angiotensin-converting enzyme inhibitor. Used to treat hypertension. $[\alpha]_D^{26} = -29.5^\circ$ (c = 0.2 EtOH). *Schering Corp.*

4410 Spirapril Hydrochloride

94841-17-5 8905
 $C_{22}H_{31}ClN_2O_5S_2$
 (8S)-7-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,4-dithia-7-azaspiro[4.4]nonane-8-carboxylic acid 1-ethyl ester monohydrochloride.
 Sch-33844; TI-211-950; Renormax; Renpress; Sandopril. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 192-194° (dec); $[\alpha]_D^{26} = -11.2^\circ$ (c = 0.4 EtOH). *Schering Corp.*

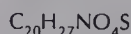
4411 Spiraprilat

83602-05-5 8905
 $C_{20}H_{26}N_2O_5S_2$
 (8S)-7-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,4-dithia-7-azaspiro[4.4]nonane-8-carboxylic acid.
 Sch-33861; spiraprilic acid. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 163-

165° (dec); $[\alpha]_D^{26} = 4.1^\circ$ (c = 0.4 EtOH). *Schering Corp.*

4412 Sulfinalol

66264-77-5 9120



4-Hydroxy- α -[[[3-(p-methoxyphenyl)-1-methylpropyl]-amino)methyl]-3-(methylsulfinyl)benzyl alcohol.

A β -adrenergic blocker used as an antihypertensive agent. *Sterling Winthrop, Inc.*

4413 Sulfinalol Hydrochloride

63251-39-8 9120 264-046-5

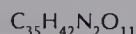


4-Hydroxy- α -[[[3-(p-methoxyphenyl)-1-methylpropyl]-amino)methyl]-3-(methylsulfinyl)benzyl alcohol hydrochloride.

Win-408087; Perifadil. A β -adrenergic blocker used as an antihypertensive agent. mp = 172-175°. *Sterling Winthrop, Inc.*

4414 Syrosingopine

84-36-6 9193 201-527-0

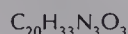


18-[[4-[(Ethoxycarbonyloxy)-3,5-dimethoxybenzoyloxy]-11,17-dimethoxy-yohimban-16-carboxylic acid methyl ester.

syringopine; Su-3118; Isotense; Londomin; Raunova; Seniramin; Singoserp; Siringina. Antihypertensive agent. mp = 175-179°. *Ciba-Geigy Corp.*

4415 Talinolol

57460-41-0 9208



($\pm$)-1-[p-[3-(tert-Butylamino)-2-hydroxypropoxy]phenyl]-3-cyclohexylurea.

Anti-arrhythmic agent with antihypertensive properties.

An antacid preparation. mp = 142-144°; LD₅₀ (rat orl) = 1180 mg/kg, (rat ip) = 54.3 mg/kg, (rat iv) = 29.7 mg/kg, (mus orl) = 593 mg/kg, (mus ip) = 74.7 mg/kg, (mus iv) = 25.0 mg/kg. *Ciba-Geigy Corp.*

4416 Teclothiazide

4267-05-4 9261 224-253-3



6-Chloro-3,4-dihydro-3-(trichloromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Diuretic. mp = 300-303°, 287°.

4417 Teclothiazide Potassium

5306-80-9 9261 226-157-7



6-Chloro-3,4-dihydro-3-(trichloromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide potassium salt.

PS-207; K-33; Depleil. Diuretic. LD₅₀ (mus ip) = 4.75 g/kg.

4418 Temocapril

111902-57-9 9287



(+)-(2S,6R)-6-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-tetrahydro-5-oxo-2-(2-thienyl)-1,4-thiazepine-4(5H)-acetic acid 6-ethyl ester.

Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 168°; $[\alpha]^{23} = 40^\circ$ (c = 1.1 DMF).

Sankyo.

4419 Temocapril Hydrochloride

110221-44-8 9287

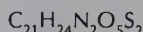


(+)-(2S,6R)-6-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-tetrahydro-5-oxo-2-(2-thienyl)-1,4-thiazepine-4(5H)-acetic acid 6-ethyl ester monohydrochloride.

CS-622. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 187° (dec); $[\alpha]_D^{25} = 47.7^\circ$ (c = 1 DMF); LD₅₀ (mus orl) > 5000 mg/kg, (rat orl) > 5000 mg/kg, (dog orl) > 800 mg/kg. *Sankyo.*

4420 Temocaprilate

110221-53-9 9287

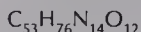


(+)-(2S,6R)-6-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-tetrahydro-5-oxo-2-(2-thienyl)-1,4-thiazepine-4(5H)-acetic acid.

temocaprilate; RS-5139. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. mp = 246° (dec); $[\alpha]_D^{25} = 63.4^\circ$ (c = 1 DMF). *Sankyo.*

4421 Teprotide

35115-60-7

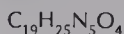


5-Oxo-L-prolyl-L-tryptophyl-L-prolyl-L-arginyl-L-prolyl-L-glutamyl-L-isoleucyl-L-prolyl-L-proline.

SQ-20881. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Bristol-Myers Squibb Co.*

4422 Terazosin

63590-64-7 9297



1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(tetrahydro-2-furoyl)piperazine.

An α_1 -adrenergic blocker related to prazosin. Used as an antihypertensive agent and in treatment of BPH. mp = 272.6-274°; $\lambda_m = 212, 245, 330$ nm (a 65.7, 127.5, 24.0 H₂O); soluble in MeOH (3.37 g/100 ml), H₂O (2.97 g/100 ml), EtOH (0.41 g/100 ml), CHCl₃ (0.12 g/100 ml), Me₂CO (.1 mg/100 ml), insoluble in C₆H₁₄. *Abbott Labs.*

4423 Terazosin Hydrochloride Dihydrate

70024-40-7 9297



1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(tetrahydro-2-furoyl)piperazine hydrochloride.

Hytrin; Abbott-45975; Heitrin; Hytracin; Hytrinex; Itrin; Urodiel; Vasocard; Vasomet; Vicard. An α_1 -adrenergic blocker related to prazosin. Used as an antihypertensive agent and in treatment of BPH. mp = 271-274°; soluble in H₂O (2.42 g/100 ml); LD₅₀ (mrat iv) = 277 mg/kg, (frat iv) = 293 mg/kg; [hydrochloride anhydrous]: mp = 278-279°; soluble in H₂O (76.12 g/100 ml); LD₅₀ (mus iv) = 259.3 mg/kg. *Abbott Labs.*

4424 Tertatolol

34784-64-0 9318



($\pm$)-1-(tert-Butylamino)-3-(thiochroman-8-yloxy)-2-propanol.

A non-selective β -adrenergic blocker. Used as an antihypertensive agent. mp = 70-72°. *Sci. Union et Cie,*

France.

4425 Tertatolol Hydrochloride

33580-30-2 9318 251-578-8

 $C_{16}H_{26}ClNO_2S$

(±)-1-(tert-Butylamino)-3-(thiochroman-8-yloxy)-2-propanol hydrochloride.

S-2395; SE-2395; Artex; Arterax; Prenalex. A non-selective β -adrenergic blocker. Used as an antihypertensive agent. mp = 180-183°; LD₅₀ (rat iv) = 40 mg/kg, (rat ip) = 90 mg/kg, (mus iv) = 37 mg/kg, (mus ip) = 120 mg/kg. *Sci. Union et Cie, France.***4426 Tiamenidine**

31428-61-2 9558

 $C_8H_{10}ClN_3S$

2-[(2-Chloro-4-methyl-3-thienyl)amino]-2-imidazoline.

HOE-440; Symcor Base TTS; Thiamendidine. An α -adrenoceptor agonist related to clonidine and used as an antihypertensive agent. mp = 152°. *Hoechst-Roussel Pharmaceuticals Inc.***4427 Tiamenidine Hydrochloride**

51274-83-0 9558 257-100-4

 $C_8H_{11}Cl_2N_3S$

2-[(2-Chloro-4-methyl-3-thienyl)amino]-2-imidazoline hydrochloride.

HOE-42-440; Sundralen; Symcor; component of: Symcorad. An α -adrenoceptor agonist related to clonidine and used as an antihypertensive agent. mp = 228-229°; LD₅₀ (rat iv) = 40 mg/kg, (mus iv) = 45 mg/kg, (mus sc) = 170 mg/kg, (mus orl) = 400 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.***4428 Tibalosin**

63996-84-9

 $C_{21}H_{27}NOS$ (±)-Erythro-2,3-dihydro- α -[1-[(4-phenylbutyl)amino]-ethyl]benzo[b]thiophene-5-methanol.CP-804-S. Heterocyclic aminoalcohol related to ifenprodil. Antagonists acting at the polyamine site of the N-methyl-D-aspartate (NMDA) subtype of glutamate receptor. Antihypertensive; α 1-adrenoceptor antagonist.**4429 Tilisolol**

85136-71-6 9579

 $C_{17}H_{24}N_2O_3$

(±)-4-[3-(tert-Butylamino)-2-hydroxypropoxy]-2-methylisocarbostyryl.

Anti-arrhythmic and antihypertensive. *Nisshin.***4430 Tilisolol Hydrochloride**

62774-96-3 9579

 $C_{17}H_{25}ClN_2O_3$

(±)-4-[3-(tert-Butylamino)-2-hydroxypropoxy]-2-methylisocarbostyryl hydrochloride.

N-696; Selecal. Anti-arrhythmic and antihypertensive. mp = 203-205°; LD₅₀ (mmus orl) = 1393 mg/kg, (mmus sc) = 1219 mg/kg, (mmus ip) = 578 mg/kg, (mmus iv) = 74.3 mg/kg, (fmsus orl) = 1290 mg/kg, (fmsus sc) = 1245 mg/kg, (fmsus ip) = 557 mg/kg, (fmsus iv) = 104.7 mg/kg, (mrat orl) = 145 mg/kg, (mrat sc) = 176 mg/kg, (mrat ip) = 39.5 mg/kg, (mrat iv) = 75.8 mg/kg, (frat orl) = 188 mg/kg, (frat sc) = 169 mg/kg, (frat ip) = 29.2 mg/kg, (frat iv) = 38.1mg/kg. *Nisshin.***4431 Timolol**

91524-16-2 9585

 $C_{13}H_{24}N_4O_3S \cdot 1/2H_2O$

(S)-1-(tert-Butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]-2-propanol hemihydrate.

Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. [(±) form]: mp = 71.5-72.5°. *Merck & Co., Inc.***4432 Timolol Maleate**

26921-17-5 9585 248-111-5

 $C_{17}H_{28}N_4O_7S$

(S)-1-(tert-Butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]-2-propanol maleate (1:1).

Blocadren; Timoptic; Timoptol; MK-950; Aquanil; Betim; Proflax; Temserin; Tenopt; Timacar; Timacor; component of: Cosopt, Timolide. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 201.5-202.5°; $[\alpha]_{405}^{24} = -12.0^\circ$ (c = 5 1N HCl), $[\alpha]_D^{25} = -4.2^\circ$; $\lambda_m = 294$ nm ($A_{1\text{ cm}}^{1\%}$ 200 0.1N HCl); soluble in EtOH, MeOH; poorly soluble in $CHCl_3$, cyclohexane; insoluble in isooctane, Et_2O . *Merck & Co., Inc.***4433 Todralazine**

14679-73-3 9640

 $C_{11}H_{12}N_4O_2$

Ethyl 3-(1-phthalazinyl)carbazate.

ecarazine; carboethoxyphthalazinohydrazine. Antihypertensive agent. *Polfa.***4434 Todralazine Hydrochloride**

3778-76-5 9640

 $C_{11}H_{13}ClN_4O_2$

Ethyl 3-(1-phthalazinyl)carbazate hydrochloride.

CEPH; BT-621; Apiracohl; Apredor; Apride; Atapren; Binazin; Illcut; Propat. Antihypertensive agent. LD₅₀ (mus ip) = 500 mg/kg. *Polfa.***4435 Toliprolol**

2933-94-0 9653 220-905-6

 $C_{13}H_{21}NO_2$

1-(Isopropylamino)-3-(m-tolyloxy)-2-propanol.

ICI-45763; MHIP. Antianginal, antihypertensive agent. A β -adrenergic blocker. mp = 75-76°, 79°. *ICI; Boehringer Ingelheim GmbH.***4436 Toliprolol Hydrochloride**

306-11-6 9653 206-177-2

 $C_{13}H_{22}ClNO_2$

1-(Isopropylamino)-3-(m-tolyloxy)-2-propanol hydrochloride.

Ko-592; Doberol; Sinorytmal. Antianginal, antihypertensive agent. A β -adrenergic blocker. mp = 120-121°; $\lambda_m = 270$ nm ($E_{1\text{ cm}}^{1\%}$ 498. H_2O). *ICI; Boehringer Ingelheim GmbH.***4437 Tolonidine**

4201-22-3 9657

 $C_{10}H_{12}ClN_3$

2-(2-Chloro-p-toluidino)-2-imidazoline.

ST-375. Antihypertensive agent. mp = 148-150°.

Boehringer Ingelheim GmbH.

4438 Tolonidine Nitrate

57524-15-9 9657 260-785-2
 $C_{10}H_{13}ClN_4O_3$
 2-(2-Chloro-p-toluidino)-2-imidazoline nitrate (salt).
 CERM-10137; Euctan. Antihypertensive agent. mp = 162-164°; LD₅₀ (mmus orl) = 160 mg/kg, (mmus iv) = 21.25 mg/kg, (mrat orl) = 420 mg/kg, (mrat iv) = 42 mg/kg. *Boehringer Ingelheim GmbH.*

4439 Trandolapril

87679-37-6 9703
 $C_{24}H_{34}N_2O_5$
 (2S,3aR,7aS)-1-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]-alanyl]hexahydro-2-indolinecarboxylic acid 1-ethyl ester. RU-44570; Odrik; Gopten. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Roussel-UCLAF.*

4440 Trandolaprilate

87679-71-8 9703
 $C_{22}H_{30}N_2O_5$
 (2S,3aR,7aS)-1-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]hexahydro-2-indolinecarboxylic acid. RU-44403; trandolaprilat. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Roussel-UCLAF.*

4441 Trequinsin

79855-88-2
 $C_{24}H_{27}N_3O_3$
 2,3,6,7-Tetrahydro-2-(mesitylimino)-9,10-dimethoxy-3-methyl-4H-pyrimido[6,1-a]isoquinoline-4-one. HL-725 [as hydrochloride]. Selective phosphodiesterase 3 inhibitor. Antihypertensive vasodilator; antithrombotic.

4442 Trichlormethiazide

133-67-5 9754 205-118-8
 $C_8H_8Cl_3N_3O_4S_2$
 6-Chloro-3-(dichloromethyl)-3,4-dihydro-2H-1,2,4-thiadiazine-7-sulfonamide 1,1-dioxide. Metahydrin; Naqua; Metatensin; Naquasone; Naquival. Diuretic and antihypertensive. mp = 248-250°, 266-273°; soluble in H₂O (0.8 mg/ml), EtOH (21 mg/ml), MeOH (60 mg/ml); LD₅₀ (rat orl) > 20000 mg/kg. *Merrell Pharmaceuticals Inc.; Schering Corp.; Marion Merrell Dow Inc.; Schering-Plough HealthCare Products.*

4443 Trimazosin

35795-16-5 9828 252-732-7
 $C_{20}H_{29}N_5O_6$
 2-Hydroxy-2-methylpropyl 4-(4-amino-6,7,8-trimethoxy-2-quinazolinyl)-1-piperazine carboxylate. Antihypertensive agent. mp = 158-159°. *Pfizer Inc.*

4444 Trimazosin Hydrochloride Monohydrate

53746-46-6 9828
 $C_{20}H_{30}ClN_5O_6 \cdot H_2O$
 2-Hydroxy-2-methylpropyl 4-(4-amino-6,7,8-trimethoxy-2-quinazolinyl)-1-piperazine carboxylate monohydrochloride monohydrate. CP-19106-1; Cardovar; Supres. Antihypertensive agent. mp = 166-169° (dec). *Pfizer Inc.*

4445 Trimethaphan Camsylate

68-91-7 9837 200-696-8
 $C_{32}H_{40}N_2O_5S_2$
 (+)-1,3-Dibenzyldecahydro-2-oxoimidazo[4,5-c]thieno[1,2-a]thiolium 2-oxo-10-bornanesulfonate (1:1). Arfonad; Nu-2222. Antihypertensive agent. mp = 245° (dec); $[\alpha]_D^{20} = 22.0^\circ$ (c = 4 H₂O); soluble in H₂O (20 g/100 ml), EtOH (50 g/100ml); slightly soluble in Me₂CO, Et₂O. *Hoffmann-LaRoche Inc.*

4446 Trimethidinium Methosulfate

14149-43-0 9838 237-994-2
 $C_{19}H_{42}N_2O_8S_2$
 1,3,8,8-Tetramethyl-3-[3-(trimethylammonio)propyl]-3-azoniabicyclo[3.2.1]octane bis(methyl sulfate). Ganglion blocking agent with antihypertensive properties. mp = 192-193°. *Boehringer Ingelheim GmbH.*

4447 Tripamide

73803-48-2 9866
 $C_{16}H_{20}ClN_3O_3S$
 4-Chloro-N-(endo-hexahydro-4,7-methanoisindolin-2-yl)-3-sulfamoylbenzamide. ADR-033; E-614; toripamide; Normonal. Antihypertensive with diuretic and peripheral vasodilator activity. Colorless needles. *Eisai.*

4448 Tyrosinase

9002-10-2 9969 232-653-4
 A copper-containing enzyme with antihypertensive properties.

4449 Urapidil

34661-75-1 10003 252-130-4
 $C_{20}H_{29}N_5O_3$
 6-[[3-[4-(o-Methoxyphenyl)-1-piperazinyl]propyl]amino]-1,3-dimethyluracil. B-66256; Ebrantil; Eupressyl; Mediatensyl; Uraprene. An α_1 -adrenergic antagonist used as an antihypertensive agent. mp = 156-158°; $\lambda_m = 237, 268$ nm ($\epsilon = 11000, 26700$ MeOH); LD₅₀ (mmus orl) = 750 mg/kg, (mmus iv) = 260 mg/kg, (mrat orl) = 550 mg/kg, (mrat iv) = 145 mg/kg. *Byk Gulden.*

4450 Valsartan

137862-53-4 10051
 $C_{24}H_{29}N_5O_3$
 N-[p-(o-1H-Tetrazol-5-ylphenyl)benzyl]-N-valeryl-L-valine. CGP-48933. A non-peptide angiotensin II AT₁-receptor antagonist. Used as an antihypertensive agent. mp = 116-117°. *Ciba-Geigy Corp.*

4451 Xipamide

14293-44-8 10212 238-216-4
 $C_{15}H_{15}ClN_2O_4S$
 4-Chloro-5-sulfamoyl-2',6'-salicyloxilide. MJF-10938; Be-1293; Bei-1293; Aquaphor; Chronexan; Diurexan; Lumitens. Diuretic and antihypertensive. mp = 256°. *Beiersdorf, P., AG.*

4452 Zofenopril Calcium

81938-43-4
 $C_{44}H_{44}CaN_2O_8S_4$
 (4S)-N-[(s)-3-Mercapto-2-methylpropionyl]-4-

(phenylthio)-L-proline benzoate (ester) calcium salt.
SQ-26991; Zoprace. Angiotensin-converting enzyme inhibitor. Used to treat hypertension. *Bristol-Myers Squibb Co.*

4453 Zolasartan

145781-32-4



1-[[3-Bromo-2-(o-1H-tetrazol-5-ylphenyl)-5-benzofuranyl]methyl]-2-butyl-4-chloroimidazole-5-carboxylic acid.

GR-117289. Selective, potent, orally active, long-acting nonpeptide angiotensin II type 1 receptor antagonist. Analog of losartan. Antihypertensive.

Antihyperthyroids

4454 2-Amino-4-methylthiazole

1603-91-4

470

216-505-6



4-Methyl-2-thiazolamine.

Nomortiroide. Antihyperthyroid. mp = 45-46°; bp₂₀ = 124-126°, bp_{0.4} = 70°; very soluble in H₂O, EtOH, Et₂O.

4455 2-Aminothiazole

96-50-4

501

202-511-6



2-Thiazolamine.

Abadol; Basedol. Thyroid inhibitor. mp = 93°; soluble in hot H₂O; slightly soluble in cold H₂O, EtOH, Et₂O; LD₅₀ (rat orl) = 480 mg/kg. *Mallinckrodt, Inc.; Monsanto Co.; Squibb, E.R. & Sons.*

4456 Carbimazole

22232-54-8

1844

244-854-4



Ethyl -3-methyl-2-thioimidazoline-1-carboxylate.

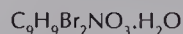
Neo-mercazole; Neo-Thyreostat. Thyroid inhibitor. mp = 122-125°; λ_m = 291 nm (H₂O), 227, 291 nm ([E]_{1 cm}^{1%} 557, 0.1N H₂SO₄); soluble in H₂O 0.2 g/100 ml at 20°, EtOH (2.0 g/100 ml at 20°), Et₂O (0.3 g/100 ml at 20°), CHCl₃ (33.3 g/100 ml at 20°), Me₂CO (5.88 g/100 ml at 20°). *National Research Dev. Corp.*

4457 3,5-Dibromo-L-tyrosine Monohydrate

300-38-9

3079

206-091-5



β-(3,5-Dibromo-4-hydroxyphenyl)alanine.

Biotiren; Bromotiren. Thyroid inhibitor. Dec 245°; [α]_D²⁰ = 1.3° (c = 5 4% HCl); soluble in H₂O (0.4 g/100 ml at 25°, 3.3 g/100 ml at 100°), slightly soluble in EtOH, insoluble in Et₂O; [DL-form]: dec 245°; soluble in H₂O (0.18 g/100 ml at 20°).

4458 3,5-Diiodotyrosine

66-02-4

3236

200-620-3



3,5-Diiodo-4-hydroxy-β-phenylalanine.

iodogorgoic acid; Agontan. Thyroid inhibitor. [L-form]: Dec 213°; [α]_D²⁰ = 2.89° (c = 4.92 4% HCl), [α]_D²⁰ = 2.27° (c = 4.54 in 25% NH₃); soluble in H₂O (0.02 g/100 ml at 0°, 0.06 g/100 ml at 25°, 0.19 g/100 ml at 50°, 0.56 g/100 ml at 75°), 1.7 g/100 ml at 100°; [DL-form]: dec 200°; soluble in H₂O (0.015 g/100 ml at 0°, 0.034 g/100 ml at 25°, 0.077 g/100 ml at 50°). *Basic Inc.*

75°, 1.7 g/100 ml at 100°; [DL-form]: dec 200°; soluble in H₂O (0.015 g/100 ml at 0°, 0.034 g/100 ml at 25°, 0.077 g/100 ml at 50°). *Basic Inc.*

4459 Iodine

7553-56-2

5034

231-442-4



Iodine.

Antihyperthyroid and topical anti-infective. Also used, particularly in veterinary medicine, to treat goiter. mp = 113.6°, mp = 185.2°; d²⁵ = 4.93; soluble in H₂O (0.017 g/100 ml), C₆H₆ (14.09 g/100 g), CS₂ (16.5 g/100 g), EtOH (21.43 g/100 g), Et₂O (25.2 g/100 g), C₆H₁₂ (2.7 g/100 g), CCl₄ (2.6 g/100 g at 35°).

4460 Methimazole

60-56-0

6049

200-482-4



1-Methylimidazole-2-thiol.

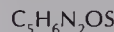
Tapazole; mercazole; thiamazole; Basolan; Danantizol; Favistan; Frentirox; Mercazole; Metazolo; Thacapzol; Thycapsol; Strumazol. Antihyperthyroid. mp = 146-148°; bp = 280° (dec); λ_m = 211, 251.5 nm ([E]_{1 cm}^{1%} 593, 1528, 0.1N H₂SO₄); freely soluble in H₂O; soluble in EtOH, CHCl₃; sparingly soluble in Et₂O, C₆H₆, petroleum ether. *Eli Lilly & Co.*

4461 Methylthiouracil

56-04-2

6210

200-252-3



6-Methyl-2-thiouracil.

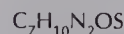
MTU; Alkiron; Antibason; Basecil; Basethyrin; Methiacil; Methicil; Methiocil; Muracil; Prostrumyl; Strumacil; Thimecil; Thyreostat I. Thyroid inhibitor. mp = 326-331° (dec); slightly soluble in H₂O at 25° (0.67 g/100 ml at 100°), Et₂O, EtOH, Me₂CO; insoluble in C₆H₆, CHCl₃; MLD (rbt orl) = 2500 mg/kg.

4462 Propylthiouracil

51-52-5

8054

200-103-2



6-Propyl-2-thiouracil.

Propacil; Propycil; Propyl-Thyracil; Thyreostat II. Antihyperthyroid. mp = 219-221°; λ_m = 275, 214 nm (ε 15800, 15600, MeOH), 315.5, 260, 207.5 (ε 10900, 10700, 15400 MeOH/KOH); soluble in H₂O (0.11 g/100 ml at 20°, 1.1 g/100 ml at 100°), EtOH 1.67 g/100 ml, Me₂CO (1.67 g/100 ml); insoluble in Et₂O, C₆H₆, CHCl₃. *Lederle Labs.*

4463 Sodium Perchlorate

7601-89-0

8798

231-511-9



Perchloric acid sodium salt.

Irenat. Thyroid inhibitor. d = 2.02; dec → 130°; very soluble in H₂O.

4464 Thibenzazoline

6028-35-9

9446



1,3-Dihydro-1,3-bis(hydroxymethyl)-2H-benzimidazole-2-thione.

Thyreocordon. Antihyperthyroid. mp = 160-162°; soluble

in dilute alkali.

4465 Thiobarbital

77-32-7 9455 201-020-4

$C_8H_{12}N_2O_2S$

5,5-Diethyldihydro-2-thioxo-4,6(1H,5H)-pyrimidinedione.

Inhibition. Antihyperthyroid. mp = 180°; soluble in H_2O (1.14 g/100 ml at 100°), EtOH, $CHCl_3$, Et_2O , Me_2CO , NH_3 , alkaline solutions; sparingly soluble in C_7H_8 ; insoluble in C_6H_6 .

4466 2-Thiouracil

141-90-2 9504 205-508-8

$C_4H_4N_2OS$

2,3-Dihydro-2-thioxo-4(1H)-pyrimidinone.

Deracil. Thyroid depressant. Used in treatment of hyperthyroidism, angina and congestive heart failure. Slightly soluble in H_2O (0.050 g/100 ml); insoluble in EtOH, Et_2O , acids; LD_{50} (rat ip) = 1500 mg/kg.

Antihypotensives

4467 Amezinium Methyl Sulfate

30578-37-1 412 250-248-0

$C_{17}H_{15}N_3O_5S$

4-Amino-6-methoxy-1-phenylpyridazinium methyl sulfate.

LU-1631; Regulton; Risumic; Supratonin.

Antihypotensive. mp = 1676° (dec); LD_{50} (mus orl) = 1630 mg/kg, (mus iv) = 40.4 mg/kg, (rat orl) = 1410 mg/kg, (rat iv) = 45.5 mg/kg. *BASF Corp.*

4468 Angiotensin Amide

53-73-6 689 200-182-3

$C_{49}H_{70}N_{14}O_{11}$

N-[1-[N-[N-[N-[N-(N²-L-Asparaginy-L-arginyl)-L-valyl]-L-tyrosyl]-L-valyl]-L-histidyl]-L-prolyl]-3-phenyl-L-alanine. NSC-107678; Asn-Arg-Val-Tyr-Val-His-Pro-Phe; 5-valine angiotensin II amide; Hypertensin; Iptensina. Vasoconstrictor and antihypotensive. *Parke-Davis.*

4469 Ciclafrine

55694-98-9

$C_{15}H_{21}NO_2$

m-1-Oxo-4-azaspiro[4.6]undec-2-ylphenol.

Antihypotensive. *Parke-Davis.*

4470 Ciclafrine Hydrochloride

51222-36-7

$C_{15}H_{22}ClNO_2$

m-1-Oxo-4-azaspiro[4.6]undec-2-ylphenol hydrochloride.

W-43026A; Go-3026A. Antihypotensive. *Parke-Davis.*

4471 Dimetofrine

22950-29-4 3314 245-348-6

$C_{11}H_{17}NO_4$

4-Hydroxy-3,5-dimethoxy- α -[(methylamino)methyl]-benzyl alcohol.

dimethophrine; dimetrophine. Antihypotensive. mp = 178° (dec). *Zambeletti.*

4472 Dimetofrine Hydrochloride

22775-12-8 3314 245-212-6

$C_{11}H_{18}ClNO_4$

4-Hydroxy-3,5-dimethoxy- α -

[(methylamino)methyl]benzyl alcohol hydrochloride.

Pressamina. Antihypotensive. mp = 171-173°. *Zambeletti.*

4473 Dopamine

51-61-6 3479 200-110-0

$C_8H_{11}NO_2$

4-(2-Aminoethyl)pyrocatechol.

3-hydroxytyramine. Adrenergic; used as an antihypotensive agent. *Astra USA, Inc.; Elkins-Sinn; Parke-Davis.*

4474 Dopamine Hydrochloride

62-31-7 3479 200-527-8

$C_8H_{12}ClNO_2$

4-(2-Aminoethyl)pyrocatechol hydrochloride.

Dopastat; ASL-279; Cardiosteril; Dynatra; Inovon; Inotropin. Adrenergic; used as an antihypotensive agent.

Dec 241°; freely soluble in H_2O ; soluble in EtOH, MeOH; insoluble in Et_2O , $CHCl_3$, C_6H_6 , C_7H_8 , petroleum ether; [hydrobromide]: mp = 210-214° (dec). *Astra USA, Inc.; Elkins-Sinn; Parke-Davis.*

4475 Etifelmin

341-00-4 3909

$C_{17}H_{19}N$

2-(Diphenylmethylene)butylamine.

EDPA; Na III. CNS stimulant and antihypotensive. *Giulini GmbH.*

4476 Etifelmin Hydrochloride

1146-95-8 3909

$C_{17}H_{20}ClN$

2-(Diphenylmethylene)butylamine hydrochloride.

Tensinase D. CNS stimulant and antihypotensive. mp = 232°; soluble in H_2O . *Giulini GmbH.*

4477 Etilefrin

709-55-7 3911 211-910-4

$C_{10}H_{15}NO_2$

α -[(Ethylamino)methyl]-m-hydroxybenzyl alcohol.

ethylphenylephrine; etiladrianol. Antihypotensive. *Labs. Fher S.A.*

4478 Etilefrin dl-form

10128-36-6 3911 233-359-9

$C_{10}H_{15}NO_2$

($\pm$)- α -[(Ethylamino)methyl]-m-hydroxybenzyl alcohol.

Antihypotensive. mp = 147-148°. *Labs. Fher S.A.*

4479 Etilefrin dl-form Hydrochloride

534-87-2 3911

$C_{10}H_{16}ClNO_2$

($\pm$)- α -[(Ethylamino)methyl]-m-hydroxybenzyl alcohol hydrochloride.

Apocretin; Circupon; Effontil; Effortil; Effortilvet; Efortil; Ethyl Adrianol; Eti-Puren; Kertasin; Pulsamin; Tonus-Forte. Antihypotensive. mp = 121°; freely soluble in H_2O , soluble in EtOH, insoluble in $CHCl_3$. *Labs. Fher S.A.*

4480 Gepefrine

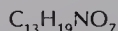
18840-47-6 4409



(±)-(S)-m-(2-Aminopropyl)phenol.

Sympathomimetic isomer of hydroxyamphetamine. Used as an antihypotensive agent. mp = 155-158°; $[\alpha]_D^{25} = 31.8^\circ$ (c = 2 MeOH). *Helopharm*.**4481 Gepefrine Tartrate**

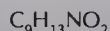
60763-48-6 4409 262-417-6



(±)-(S)-m-(2-Aminopropyl)phenol tartrate.

Pressionorm; Wintonin. Sympathomimetic isomer of hydroxyamphetamine. Used as an antihypotensive agent. *Helopharm*.**4482 Metaraminol**

54-49-9 5993



(-)-α-(1-Aminoethyl)-m-hydroxybenzyl alcohol.

Pressonex; metaradrine. Adrenergic; used as an antihypotensive agent. *Merck & Co., Inc.; Sterling Winthrop, Inc.***4483 Metaraminol Bitartrate**

33402-03-8 5993 251-502-3



(-)-α-(1-Aminoethyl)-m-hydroxybenzyl alcohol tartrate (1:1) (salt).

Aramine; Icoral B; Pressorol. Adrenergic; used as an antihypotensive agent. mp = 176-177°; freely soluble in H₂O. *Merck & Co., Inc.; Sterling Winthrop, Inc.***4484 Metaraminol Hydrochloride**

5967-52-2 5993



(-)-α-(1-Aminoethyl)-m-hydroxybenzyl alcohol hydrochloride.

Aramine; Pressonex Bitartrate. Adrenergic; used as an antihypotensive agent. $[\alpha]_D^{20} = -19.75^\circ$; freely soluble in H₂O; LD₅₀ (mus ip) = 440 mg/kg. *Merck & Co., Inc.; Sterling Winthrop, Inc.***4485 Methoxamine**

390-28-3 6067 206-867-3



(±)-α-(1-Aminoethyl)-2,5-dimethoxybenzyl alcohol.

α-Adrenergic agonist; vasoconstrictor. Used as an antihypotensive. *Glaxo Wellcome Inc.***4486 Methoxamine Hydrochloride**

61-16-5 6067 200-499-7



(±)-α-(1-Aminoethyl)-2,5-dimethoxybenzyl alcohol hydrochloride.

Vasoxine; Vasoxyl; Vasylox. α-Adrenergic agonist; vasoconstrictor. Used as an antihypotensive. mp = 212-216°; soluble in H₂O (40 g/100 ml), EtOH (8.4 g/100 ml); insoluble in Et₂O, C₆H₆; CHCl₃. *Glaxo Wellcome Inc.***4487 Midodrine Hydrochloride**

42794-76-3 6272 255-945-3



(±)-2-Amino-N-(β-hydroxy-2,5-dimethoxyphenethyl)-

acetamide.

St-1085. α-Adrenergic; vasoconstrictor. Used as an antihypotensive. *Roberts Pharmaceutical Corp.; OSSW.***4488 Midodrine Hydrochloride**

3092-17-9 6272



(±)-2-Amino-N-(β-hydroxy-2,5-dimethoxyphenethyl)-acetamide hydrochloride.

Pro-Amatine; A-4020 Linz; St Peter 224; Alphamine; Amatine; Gutron; Hipertan; Metligine; Midamine. α-Adrenergic; vasoconstrictor. Used as an antihypotensive. mp = 192-193°. *Roberts Pharmaceutical Corp.; OSSW.***4489 Norepinephrine**

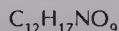
51-41-2 6788 200-096-6



(-)-α-(Aminomethyl)-3,4-dihydroxybenzyl alcohol.

Noradrenaline; levarterenol; Adrenor; Levophed. An α-adrenergic agonist. Used as a vasopressor and antihypotensive agent. mp = 216.5-218° (dec); $[\alpha]_D^{25} = -37.3^\circ$ (c = 5 H₂O). *Sterling Winthrop, Inc.***4490 Norepinephrine d-Bitartrate**

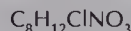
69815-49-2 6788



(-)-α-(Aminomethyl)-3,4-dihydroxybenzyl alcohol tartrate (1:1) salt monohydrate.

Levophed; Levarterenol bitartrate; Aktamin; Binodrenal. An α-adrenergic agonist. Used as a vasopressor and antihypotensive agent. mp = 102-104°; $[\alpha]_D^{25} = -10.7^\circ$ (c = 1.6 H₂O); freely soluble in H₂O. *Sterling Winthrop, Inc.***4491 Norepinephrine Hydrochloride**

329-56-6 6788 206-345-5



(-)-α-(Aminomethyl)-3,4-dihydroxybenzyl alcohol hydrochloride.

Aterenol. An α-adrenergic agonist. Used as a vasopressor and antihypotensive agent. mp = 145.2-146.4°; $[\alpha]_D^{25} = -40^\circ$ (c = 6); soluble in H₂O. *Sterling Winthrop, Inc.***4492 Pholedrine**

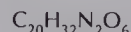
370-14-9 7485 206-725-0



4-[2-(Methylamino)propyl]phenol.

Knoll H₇₅. An α-adrenergic agonist. Used as a vasopressor and antihypotensive agent. mp = 162-163°; slightly soluble in H₂O; soluble in EtOH, Et₂O. *Knoll Pharmaceutical Co.***4493 Pholedrine Sulfate**

6114-26-7 7485 228-083-0



4-[2-(Methylamino)propyl]phenol sulfate.

Paredrinol; Pulsotyl; Veritol. An α-adrenergic agonist. Used as a vasopressor and antihypotensive agent. Dec 320-323°; soluble in H₂O, LD₅₀ (rat sc) = 500 mg/kg. *Knoll Pharmaceutical Co.***4494 Synephrine**

94-07-5 9189 202-300-9



(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol.

Oxedrine; Analeptin; Ethaphene; Parasympatol; Simpalon; Synephrin; Synthenate. An α -adrenergic agonist. Used as a vasopressor and antihypotensive agent. mp = 184-185°. *Boehringer Ingelheim GmbH*.

4495 Synephrine Hydrochloride

5985-28-4 9189 227-804-6

$C_9H_{14}ClNO_2$
(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol hydrochloride.

Oxedrine hydrochloride. An α -adrenergic agonist. Used as a vasopressor and antihypotensive agent. mp = 151-152°; soluble in H_2O . *Boehringer Ingelheim GmbH*.

4496¹ Synephrine tartaric Acid Monoester

6414-49-9 9189

$C_{13}H_{17}NO_7$
(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol tartrate (1:1) ester.

Neupentedrin; Pentedrin. An α -adrenergic agonist. Used as a vasopressor and antihypotensive agent. *Boehringer Ingelheim GmbH*.

4497 Synephrine Tartrate

16589-24-5 9189 240-647-8

$C_{22}H_{32}N_2O_{10}$
(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol tartrate (2:1) salt.

Corvasymton; Simpadren; Sympathol. An α -adrenergic agonist. Used as a vasopressor and antihypotensive agent. mp = 188-190° (dec); soluble in H_2O , EtOH. *Boehringer Ingelheim GmbH*.

4498 Theodrenaline

13460-98-5

$C_{17}H_{21}N_5O_5$
7-[2-[2-(3,4-Dihydroxyphenyl)-2-hydroxyethylamino]ethyl]theophylline.

Akrinor. Theophylline derivative. Betamimetic catecholamine. Vasoconstrictor. Used to treat hypotension.

Antihypothyroids

4499 Levothyroxine Sodium

55-03-8 5497 200-221-4

$C_{15}H_{11}I_4NO_4$
O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodo-L-tyrosine. Thyroid hormone. Used in treatment of hyperthyroidism. *Astra Chemicals Ltd.; Knoll Pharmaceutical Co.*

4500 Levothyroxine Sodium

25416-65-3 5497

$C_{15}H_{10}I_4NNaO_4$
O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodo-L-tyrosine sodium salt.

Levothroid; Synthroid Sodium; Eltroxin; Euthyrox; Laevoxin; Letter; Levaxin; Levothyrox; Oroxine; Thyroxevan. Thyroid hormone. Used in treatment of hyperthyroidism. d = 2.381; $[\alpha]_D^{20} = -4.4^\circ$ (c = 3 70% EtOH); slightly soluble in H_2O (0.015 g/100 ml); more soluble in EtOH; very slightly soluble in $CHCl_3$, Et_2O .

4501 Liothyronine

6893-02-3 5535 229-999-3

$C_{15}H_{12}I_3NO_4$
L-3-[4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]-alanine.

T-3. Thyroid hormone. Dec 236-237°; $[\alpha]_D^{29.5} = 21.5^\circ$ (c = 4.75 HCl/EtOH); insoluble in H_2O , EtOH. *SmithKline Beecham Pharmaceuticals*.

4502 Liothyronine Hydrochloride

6138-47-2 5535 228-120-0

$C_{15}H_{13}ClI_3NO_4$
L-3-[4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]-alanine hydrochloride.

Thybon. Thyroid hormone. Dec 202-203°; $[\alpha]_D^{29.5} = 21.5^\circ$ (c = 4.75 HCl/EtOH). *SmithKline Beecham Pharmaceuticals*.

4503 Liothyronine Sodium Salt

55-06-1 5535 200-223-5

$C_{15}H_{11}I_3NNaO_4$
L-3-[4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]-alanine monosodium salt.

Cytomel; Triostat; Cyomel; Cytobin; Cytomine; Cynomel; Tertroxin; Trithyrone. Thyroid hormone. *SmithKline Beecham Pharmaceuticals*.

4504 Thyroid

9551

Dried thyroid.

NSC-26492; Tiroidina; Thyradin; Thyrocrine. Thyroid hormone.

4505 Thyroidin

9552

Iodothyrim.

Thyroid hormone.

4506 Thyroxine

7488-70-2 9555

$C_{15}H_{11}I_4NO_4$
O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodotyrosine. 3,5,3',5'-tetraiodothyronine.

4507 D-Thyroxine

51-49-0 9555 200-102-7

$C_{15}H_{11}I_4NO_4$
D-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodotyrosine. Debetrol. Dec 237°; $[\alpha]_{546}^{21} = 2.97^\circ$ (c = 3.7 NaOH/EtOH).

4508 DL-Thyroxine

300-30-1 9555 206-088-9

$C_{15}H_{11}I_4NO_4$
($\pm$)-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodotyrosine. Dec 230-231°; insoluble in H_2O and most organic solvents.

4509 L-Thyroxine

51-48-9 9555 200-101-1

$C_{15}H_{11}I_4NO_4$
L-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodotyrosine. Dec 235-236°; $[\alpha]_{546}^{25} = -3.2^\circ$ (c = 4.87 NaOH/EtOH); $[\alpha]_D^{20} = -4.4^\circ$ (c = 3 NaOH/EtOH).

4510 D-Thyroxine Sodium Salt

137-53-1 9555 205-301-2
 $C_{15}H_{10}I_4NNaO_4$
 D-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodotyrosine sodium salt.
 dextrothyroxine sodium; Biotirmone; Choloixin; Detyroxin; Dethyrona; Dextroid; Dynothel; Eulipos.

4511 Tiratricol

51-24-1 9603 200-086-1
 $C_{14}H_9I_3O_4$
 [4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]acetic acid.
 Triac; Triacana. Antihypothyroid. mp = 65°, 180-183°. Glaxo Labs.

4512 TSH

9002-71-5 9931 232-664-4
 Thyrotropin.
 thyrotropic hormone; thyeotrophic hormone; thyroid-stimulating hormoneTTH; Dermathycin; Thytropar.

Anti-inflammatories, Nonsteroidal**4513 Aceclofenac**

89796-99-6 19
 $C_{16}H_{13}Cl_2NO_4$
 2-[(2,6-Dichlorophenyl)amino]benzeneacetic acid carboxymethyl ester.
 PR-82/3; Airtal; Biofenac; Tresquim. Anti-inflammatory; analgesic. Arylacetic acid derivative. mp = 149-150°; λ_m = 275 nm (log ϵ 4.14). Ajinomoto Co. Inc.

4514 Acemetacin

53164-05-9 27 258-403-4
 $C_{21}H_{18}ClNO_6$
 1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indole-3-acetic acid carboxymethyl ester.
 TV-1322; Acemix; Emflex; Rantudil; Rheumibis; Solart. Anti-inflammatory. Derivative of indomethacin. mp = 150-153°; LD₅₀ (rat orl) = 24.2 mg/kg. Troponwerke Dinklage.

4515 Acetaminosalol

118-57-0 46 204-261-3
 $C_{15}H_{13}NO_4$
 4'-Hydroxyacetanilide salicylate.
 p-acetamidophenyl salicylate; p-acetylaminophenol salicylic acid ester; phenestal; Phenosal; Salophen. Analgesic, antipyretic, anti-inflammatory. mp = 187°; nearly insoluble in petroleum ether, cold H₂O; more soluble in warm H₂O; soluble in alcohol, Et₂O, C₆H₆; incompatible with alkalis and alkaline solutions.

4516 Acexamic Acid

57-08-9 43 200-310-8
 $C_8H_{15}NO_3$
 6-(Acetylamino)hexanoic acid.
 acetaminocaproic acid; ϵ -acetamidocaproic acid; N-acetyl-6-aminohexanoic acid; * CY-153. Anti-inflammatory. mp = 104-105.5° (also reported as 112°). Meiji.

4517 Acexamic Acid Sodium Salt

7234-48-2 43 230-635-0
 $C_8H_{14}NNaO_3$
 6-(Acetylamino)hexanoic acid monosodium salt.
 Plastenan. Anti-inflammatory.

4518 Acexamic Acid Zinc Salt

70020-71-2 43
 $C_{16}H_{28}N_2O_6Zn$
 6-(Acetylamino)hexanoic acid zinc salt.
 zinc acexamate; Copinal. Antiulcerative.

4519 Alclofenac

22131-79-9 220 244-795-4
 $C_{11}H_{11}ClO_3$
 3-Chloro-4-(2-propenyloxy)benzeneacetic acid.
 W-7320; Allopydin; Epinal; Medifenac; Mervan; Neoston; Prinalgin; Reufenac; Zumaril. Analgesic, antipyretic, anti-inflammatory. Arylacetic acid derivative. mp = 92-93°; LD₅₀ (rat orl) = 1050 mg/kg, (rat sc) = 600 mg/kg, (rat ip) = 555 mg/kg. Continental Pharma.

4520 Alminoprofen

39718-89-3 308 254-604-6
 $C_{13}H_{17}NO_2$
 p-[(2-Methylallyl)amino]hydratropic acid.
 EB-382; Minalfene. Anti-inflammatory; analgesic. mp = 107°; LD₅₀ (mus orl) = 2400 mg/kg.

4521 Amfenac

51579-82-9 413
 $C_{15}H_{13}NO_3$
 2-Amino-3-benzoylphenylacetic acid.
 Anti-inflammatory. Arylacetic acid derivative. mp = 121-123 (dec); LD₅₀ (mus orl) = 615 mg/kg, (rat orl) = 311 mg/kg. Robins, A.H. Co.

4522 Amfenac Sodium

61618-27-7 413
 $C_{15}H_{14}NNaO_4$
 Sodium (2-amino-3-benzoylphenyl)acetate monohydrate.
 AHR-5850D; Fenamate; Fenazox. Anti-inflammatory. Arylacetic acid derivative. mp = 254-255.5°.

4523 3-Amino-4-hydrobutyric Acid

589-44-6 463
 $C_4H_9NO_3$
 γ -Hydroxy- β -aminobutyric acid.
 GOBAB. Anti-inflammatory; antifungal. mp = 216° (also reported as 228°, 232-233.5°).

4524 Amixitrene

24622-72-8 514
 $C_{17}H_{27}NO$
 1-[β -(Isopentyloxy)phenethyl]pyrrolidine.
 Anti-inflammatory; anticholinergic. bp₂ = 121°; n_D^{21.6} = 1.4978. C.E.R.M.

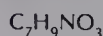
4525 Amixitrene Hydrochloride

24622-52-4 514 246-365-1
 $C_{17}H_{28}ClNO$
 1-[β -(Isopentyloxy)phenethyl]pyrrolidine monohydrochloride.
 Somagest. Anti-inflammatory; anticholinergic. mp = 150°.

C.E.R.M.

4526 Ammonium Salicylate

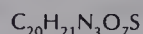
528-94-9 584 208-444-9



2-Hydroxybenzoic acid monoammonium salt.

Salicyl-Vasogen. Analgesic and antipsoriatic. Soluble in H_2O (100 g/100 ml), EtOH (33 g/100 ml).**4527 Ampiroxicam**

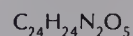
99464-64-9 629



(±)-4-(1-Hydroxyethoxy)-2-methyl-N-2-pyridyl-2H-1,2-benzothiazine-3-carboxamide ethyl carbonate (ester).

CP-65703; Flucam; Nasil. Anti-inflammatory. A thiazinecarboxamide; prodrug of piroxicam. mp = 159-161°; LD₅₀ (mrat orl) = 1798 mg/kg, (frat orl) = 747 mg/kg. *Pfizer Inc.***4528 Amtolmethin Guacil**

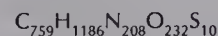
87344-06-7 637



N-[(1-Methyl-5-p-toluoylpyrrol-2-yl)acetyl]glycine 0-methoxyphenyl ester.

ST-679; MED-15. Analgesic; anti-inflammatory. Ester prodrug of tolmetin. Arylacetic acid derivative. mp = 117-120°; soluble in common organic solvents; LD₅₀ (mmus ip) = 1370 mg/kg, (mrat ip) = 1100 mg/kg, (mmus orl) > 1500 mg/kg, (mrat orl) = 1450 mg/kg. *Sigma-Tau Pharmaceuticals, Inc.***4529 Anakinra**

143090-92-0 5022

N⁷-L-Methionyl-interleukin 1 receptor antagonist (human isoform x reduced).Antril. Anti-inflammatory. Nonglycosylated, recombinant human IL-1ra, molecular weight 17 kDa. Inhibits interleukin-1. Used in treatment of sepsis syndrome. *Synergen, Inc.***4530 Aniolac**

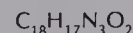
66635-85-6



(±)-5-p-Anisoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylic acid.

RS-37326. Anti-inflammatory; analgesic. *Syntex Labs. Inc.***4531 Anitrazafen**

63119-27-7



5,6-Bis(p-Methoxyphenyl)-3-methyl-as-triazine.

LY-122512. Anti-inflammatory (topical). *Eli Lilly & Co.***4532 Apazone**

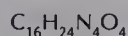
13539-59-8 768 236-913-8



5-(Dimethylamino)-9-methyl-2-propyl-1H-pyrazolo[1,2-a][1,2,4]benzotriazine-1,3(2H)-dione.

azapropazone; AHR-3018; Mi-85; NSC-102824; Cinnamin; Sinnamin. Anti-inflammatory; analgesic. A pyrazolone. mp = 228°. *Sieglfried AG.***4533 Apazone Dihydrate**

22304-30-9 768



5-(Dimethylamino)-9-methyl-2-propyl-1H-pyrazolo[1,2-a][1,2,4]benzotriazine-1,3(2H)-dione dihydrate.

MI-85Di; Azapren; Prolisan; Rheumox; Tolyprin. Anti-inflammatory; analgesic. A pyrazolone. mp = 247-248°. *Sieglfried AG.***4534 Aspirin**

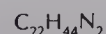
50-78-2 886 200-064-1



Acetylsalicylic acid.

o-carboxyphenyl acetate; 2-(acetyloxy)benzoic acid; acetate salicylic acid; salicylic acid acetate; Acenterline; Aceticyl; Acetosol; Acetosolic Acid; Acetosalin; Acetylin; Acetyl-SAL; Acimetten; Acylpyrin; Arthrisin, A.S.A.; Asatard; Aspro; Asteric; Vanquish; Ascoden-30; Coricidin; Norgesic; Persistin; Supac; Triaminicin; acetophen; acidum acetylsalicylicum; acetilum acidulatum; Acetonyl; Adiro; acenterine; acetosal; acetosalic acid; acetosalin; acetylin; acetylsal; acylpyrin; asteric; caprin; colfarit; entrophen; enterosarine; rhodine; salacatin; salceten; saletin; acesal; acetilsalicylico; acetisal; acetonyl; asagran; asatard; aspalon; aspergum; aspirodrops; AC 5230; benaspir; entericin; extren; bialpirinia; contrheuma retard; Crystar; Delgesic; Dolean ph 8; enterophen; globoid; idragin. Analgesic; antipyretic; anti-inflammatory. Also has platelet aggregation inhibiting, antithrombotic, and antirheumatic properties. See acetylsalicylic acid. mp = 135; d = 1.40; λ_m = 229, 277 nm (E_{1cm}^{1%} 484, 68 in 0.1N H₂SO₄); pH (25°) = 3.49; somewhat soluble in H₂O (1 g/300 ml at 25°, 1 g/100 ml at 37°); soluble in EtOH (1 g/5 ml), CHCl₃ (1 g/17 ml), Et₂O (1 g/10 ml). *Bayer AG; Boots Pharmaceuticals Inc.; Bristol-Myers Squibb Co.; Eli Lilly & Co.; Parke-Davis; Schering-Plough HealthCare Products; SmithKline Beecham Pharmaceuticals; Sterling Health U.S.A.; Sterling Winthrop, Inc.; Upjohn Ltd.***4535 Atiprimod**

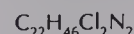
130065-61-1



2-[3-(Diethylamino)propyl]-8,8-dipropyl[4.5]decane-2-azaspiro.

*SmithKline Beecham Pharmaceuticals.***4536 Atiprimod Dihydrochloride**

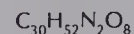
123018-47-3



2-[3-(Diethylamino)propyl]-8,8-dipropyl[4.5]decane-2-azaspiro dihydrochloride.

SK&F-106615-A2. *SmithKline Beecham Pharmaceuticals.***4537 Atiprimod Dimaleate**

183063-72-1



2-[3-(Diethylamino)propyl]-8,8-dipropyl[4.5]decane-2-azaspiro dimaleate.

SK&F-106615-I2. *SmithKline Beecham Pharmaceuticals.***4538 Bendazac**

20187-55-7 1061



[[1-(Phenylmethyl)-1H-indazol-3-yl]oxy]acetic acid.

bendazolic acid; bindazac; AF-983; Dogalina; Versus; Zildasac. Anti-inflammatory. mp = 160°; λ_m = 306 nm (E_{1cm}^{1%} 191); LD₅₀ (mus iv) = 380 mg/kg, (mus orl) = 1105

mg/kg; soluble in CHCl_3 , Me_2CO ; nearly insoluble in H_2O . *Angelini Pharmaceuticals, Inc.*

4539 Bendazac [lysine]

20187-55-7

[(1-Benzyl-1H-indazol-3-yl)oxy]acetic acid.

AF-1934. Anti-inflammatory. *Angelini Pharmaceuticals, Inc.***4540 Benorylate**

5003-48-5

1074

225-674-5

 $\text{C}_{17}\text{H}_{15}\text{NO}_5$

4-Acetamidophenyl salicylate acetate.

benorilate; fenasprate; WIN-11450; Benoral; Benortan; Quinexin; Salipran. Analgesic, antipyretic, anti-inflammatory. Derivative of salicylic acid. mp = 175-176°; LD₅₀ (mus orl) = 2000 mg/kg, (rat orl) = 10000 mg/kg, (mus ip) = 1255 mg/kg, (rat ip) = 1830 mg/kg. *Sterling Winthrop, Inc.***4541 Benoxaprofen**

51234-28-7

1075

257-069-7

 $\text{C}_{16}\text{H}_{12}\text{ClNO}_3$ 2-(4-Chlorophenyl)- α -methyl-5-benzoxazoleacetic acid.Compound 90459; Coxigon; Opren; Oraflex; Uniprofen. Anti-inflammatory; analgesic. Arylpropionic acid derivative. mp = 189-190°; LD₅₀ (mus orl) = 800 mg/kg. *Eli Lilly & Co.***4542 Benzpiperylon**

53-89-4

1152

200-187-0

 $\text{C}_{22}\text{H}_{25}\text{N}_3\text{O}$

4-Benzyl-2-(1-methyl-4-piperidyl)-5-phenyl-4-pyrazolin-3-one.

benzpiperylone; benzpiperylone; KB-95; Benzometan; Humedil; Reublonil; Telon. Analgesic; anti-inflammatory. A pyrazolone. Dec 181-183°; pK₁ = 6.73, pK₂ = 9.13; LD₅₀ (mus iv) = 160 mg/kg, (mus orl) = 1880 mg/kg. *Sandoz Pharmaceuticals Corp.***4543 Benzydamine**

642-72-8

1157

211-388-8

 $\text{C}_{19}\text{H}_{23}\text{N}_3\text{O}$

1-Benzyl-3-[3-(dimethylamino)propoxy]-1H-indazole.

benzindamine. Analgesic, antipyretic, anti-inflammatory. bp_{0.05} = 160°. *Angelini Pharmaceuticals, Inc.***4544 Benzydamine Hydrochloride**

132-69-4

1157

205-076-0

 $\text{C}_{19}\text{H}_{24}\text{ClN}_3\text{O}$

1-Benzyl-3-[3-(dimethylamino)propoxy]-1H-indazole monohydrochloride.

AF-864; Afloben; Andolex; Benalgin; Benzyrin; Difflam; Dorinamin; Enzamin; Imotryl; Ririlim; Riripen; Salyzoron; Saniflor; Tamas; Tantum; Verax. Analgesic, antipyretic, anti-inflammatory. mp = 160°; λ_m = 306 nm ($\epsilon_{1\text{cm}}^{1\%}$ 160); soluble in H_2O , EtOH, CHCl_3 , n-BuOH; LD₅₀ (mus ip) = 110 mg/kg, (rat ip) = 100 mg/kg, (mus orl) = 515 mg/kg, (rat orl) = 1050 mg/kg. *Angelini Pharmaceuticals, Inc.***4545 Bermoprofen**

72619-34-2

1199

 $\text{C}_{18}\text{H}_{16}\text{O}_4$ (±)-10,11-Dihydro- α ,8-dimethyl-11-oxodibenz[b,f]oxepin-2-acetic acid.AD-1590; AJ-1590; Dibenon. Anti-inflammatory; analgesic; antipyretic. Prostaglandin synthetase inhibitor; a derivative of arylpropionic acid derivative. mp = 128-129°; LD₅₀ (mus orl) = 500 mg/kg, (rat orl) = 147 mg/kg. *Dainippon Pharmaceutical Co.***4546 Bermoprofen**

72619-34-2

 $\text{C}_{18}\text{H}_{16}\text{O}_4$ (±)-10,11-dihydro- α ,8-dimethyl-11-oxodibenz[b,f]oxepin-2-acetic acid.

An anti-inflammatory and antipyretic.

4547 α -Bisabolol

515-69-5

1281

208-205-9

 $\text{C}_{15}\text{H}_{26}\text{O}$ (R*,R*)- α ,4-Dimethyl- α -(4-methyl-3-pentenyl)cyclohex-3-ene-1-methanol.Camilol; Dragosantol; Hydagen B. Anti-inflammatory. Also used as an ingredient in cosmetics. A sesquiterpene isolated from the essential oils of a variety of plants. bp₁₂ = 155-157°; d₄²³ = 0.9223; n_D²³ = 1.4917; miscible with alcohols, oils, lipophilic substances.**4548 α -Bisabolol (-)-Epi-form**

78148-59-1

1281

 $\text{C}_{15}\text{H}_{26}\text{O}$ (R*,R*)-(-)- α ,4-Dimethyl- α -(4-methyl-3-pentenyl)-cyclohex-3-ene-1-methanol.anymol. Anti-inflammatory. $[\alpha]_D^{20}$ = -67.6°.**4549 α -Bisabolol (-)-form**

23089-26-1

1281

245-423-3

 $\text{C}_{15}\text{H}_{26}\text{O}$ [S-(R*,R*)]- α ,4-Dimethyl- α -(4-methyl-3-pentenyl)-cyclohex-3-ene-1-methanol.[S-(R*,R*)]- α -bisabolol; levomenol; Kamillosan. Anti-inflammatory. Active principle in natural extracts. bp₁₂ = 153°; d₄²⁰ = 0.9211; n_D²⁰ = 1.4936; $[\alpha]_D$ = -55.7°; LD₅₀ (mus orl) = 11350 mg/kg, (rat orl) = 14850 mg/kg.**4550 α -Bisabolol (+)-Epi-form**

76738-75-5

1281

 $\text{C}_{15}\text{H}_{26}\text{O}$ (R*,R*)-(+)- α ,4-Dimethyl- α -(4-methyl-3-pentenyl)-cyclohex-3-ene-1-methanol.Anti-inflammatory. $[\alpha]_D^{20}$ = + 67.4°.**4551 α -Bisabolol (+)-form**

23178-88-3

1281

 $\text{C}_{15}\text{H}_{26}\text{O}$ [R-(R*,R*)]- α ,4-Dimethyl- α -(4-methyl-3-pentenyl)-cyclohex-3-ene-1-methanol.(+) - α -bisabolol. Anti-inflammatory. bp_{1.0} = 120-122°; d₄²⁰ = 0.9213; n_D²⁰ = 1.4919; $[\alpha]_D^{20}$ = + 57.04°.**4552 α -Bisabolol (±)-form**

25428-43-7

1281

246-973-7

 $\text{C}_{15}\text{H}_{26}\text{O}$ (R*,R*)-(±)- α ,4-Dimethyl- α -(4-methyl-3-pentenyl)-cyclohex-3-ene-1-methanol.

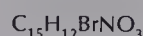
Anti-inflammatory.

4553 Bromelain

9001-00-7 1409

A concentrate of proteolytic enzymes derived from the pineapple plant *Ananas sativus*.bromelin; Ananase; Extranase; Inflamen; Traumanase. Anti-inflammatory. Two protein-digesting, milk-clotting enzymes, one from pineapple fruit juice and one from the plant stem. Also used for tenderizing meat, chill-proofing beer, in production of protein hydrolyzates. λ_m (stem) = 280 nm ($A_{1\text{cm}}^{1\%}$ 20.1). *Pineapple Research Inst.***4554 Bromfenac**

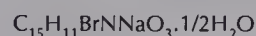
91714-94-2 1411



2-Amino-3-(p-bromobenzoyl)phenyl]acetic acid.

AHR-10282. Analgesic; anti-inflammatory. Prostaglandin synthetase inhibitor; analog of amfenac, an arylacetic acid derivative. *Robins, A.H. Co.***4555 Bromfenac Sodium**

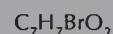
120638-55-3 1411



Sodium [2-amino-3-(p-bromobenzoyl)phenyl]acetate sesquihydrate.

AHR-10282B. Analgesic; anti-inflammatory. Arylacetic acid derivative. mp = 284-286° (dec); pKa = 4.29; soluble in H_2O , MeOH, dilute base; insoluble in CHCl_3 , dilute acid. *Robins, A.H. Co.***4556 Bromosaligenin**

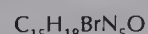
2316-64-5 1460 219-026-0



5-Bromo-2-hydroxybenzyl alcohol.

5-bromosaligenin; Bromsalizol. Anti-inflammatory. Derivative of salicylic acid. mp = 109°; soluble in H_2O , EtOH, Et_2O , EtOAc, olive oil; moderately soluble in CHCl_3 , C_6H_6 .**4557 Broperamole**

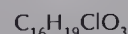
33144-79-5



1-[3-[5-(m-Bromophenyl)-2H-tetrazol-2-yl]-propionyl]piperidine.

TR-2378. Anti-inflammatory. *Miles.***4558 Bucloxic Acid**

32808-51-8 1486 251-231-0



3-(3-Chloro-4-cyclohexylbenzoyl)propionic acid.

bucloxic acid. Anti-inflammatory. Arylpropionic acid derivative. mp = 163°; λ_m = 255 nm (ϵ 15500 in EtOH); LD₅₀ (mus orl) = 900 mg/kg, (rat orl) = 120 mg/kg, (mus ip) = 1100 mg/kg, (rat ip) = 210 mg/kg. *Clin-Byla.***4559 Bucloxic Acid Calcium Salt**

32808-53-0 1486 251-232-6

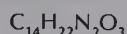


Calcium 3-chloro-4-cyclohexyl-γ-oxobenzenebutyrate.

CB-804; Esfar. Anti-inflammatory. Arylpropionic acid derivative. LD₅₀ (mus orl) = 1700 mg/kg, (rat orl) = 175 mg/kg, (mus ip) = 1700 mg/kg, (rat ip) = 200 mg/kg. *Clin-Byla.***4560 Bucolome**

841-73-6

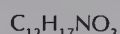
212-666-1



5-Butyl-1-cyclohexylbarbituric acid.

4561 Bufexamac

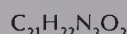
2438-72-4 1497 219-451-1



2-(p-Butoxyphenyl)acetohydroxamic acid.

CP-1044-J3; Droloxarol; Droloxaryl; Feximac; Malipuran; Mofenar; Norfemac; Parfenac; Parfenal. Anti-inflammatory; analgesic; antipyretic. Arylacetic acid derivative. mp = 153-155°; nearly insoluble in H_2O ; LD₅₀ (mus orl) > 8 g/mg. *Pfizer Inc.; C.M. Industries.***4562 Bufeazolac**

50270-32-1



1-Isobutyl-3,4-diphenylpyrazole-5-acetic acid.

Anti-inflammatory agent.

4563 Bumadizone Calcium Salt Hemihydrate

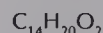
69365-73-7 1507



Butylmalonic acid mono(1,2-diphenylhydrazide) calcium salt (2:1) hemihydrate.

Bumaflex; Eumotol; Rheumatol. Analgesic; antipyretic; anti-inflammatory. Arylbutyric acid derivative. Dec 154°; soluble in CHCl_3 , EtOH, Et_2O ; slightly soluble in H_2O ; LD₅₀ (mus orl) = 2500 mg/kg, (rat orl) = 1250 mg/kg, (mus iv) = 258 mg/kg, (rat iv) = 263 mg/kg. *Ciba-Geigy Corp.***4564 Butibufen**

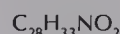
55837-18-8 1557 259-849-2



2-(p-Isobutylphenyl)butyric acid.

Butilopan. Anti-inflammatory Arylbutyric acid derivative. mp = 51-53°; LD₅₀ (mus orl) = 810 mg/kg.**4565 Butixirate**

19992-80-4 10205 243-454-7



(±)-α-Ethyl-4-biphenylacetic acid compound with trans-4-phenylcyclohexylamine (1:1).

xenbucin phenylcyclohexylamine; MG-5771; Flectar. Analgesic; antirheumatic; anti-inflammatory. mp = 224-227°; LD₅₀ (mus ip) = 75.9 mg/kg. *Maggioni Farmaceutici S.p.A.***4566 Calcium Acetylsalicylate**

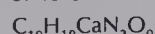
69-46-5 1684 200-707-6



2-(Acetyloxy)benzoic acid calcium salt.

salicylic acid acetate calcium salt; acetylsalicylic acid calcium salt; calcium aspirin; soluble aspirin; Ascal; Cal-Aspirin; Dispril; Disprin; Kalmopyrin; Kalsetal; Solaspin; Tylcalsin. Analgesic; antipyretic; anti-inflammatory. Derivative of salicylic acid. Soluble in H_2O (16.6 g/100 ml), EtOH (1.25 g/100 ml). *Lee Labs.***4567 Calcium Acetylsalicylate Carbamide**

5749-67-7 1684



2-(Acetyloxy)benzoic acid calcium salt complex with urea.

carbaspirin calcium; carbasalate calcium; acetylsalicylic acid calcium salt complex with urea; urea calcium acetylsalicylate; carbaspirin calcium; Alcacyl; Calurin; Solupsan. Analgesic; antipyretic; anti-inflammatory. Derivative of salicylic acid. Dec 243-245°; soluble in H₂O (23.1 g/100 ml at 37°), pH = 4.8.

4568 Carprofen

53716-49-7 1912 258-712-4
C₁₆H₁₂ClNO₂
(±)-6-Chloro-α-methyl-9H-carbazole-2-acetic acid.
C-5720; Ro-20-5720/000; Imadyl; Rimadyl. Anti-inflammatory. Arylpropionic acid derivative. mp = 197-198°; LD₅₀ (mus orl) = 400 mg/kg. *Hoffmann-LaRoche Inc.*

4569 Celecoxib

C₁₇H₁₄F₃N₃O₂S
4-[5-(4-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl] benzenesulfonamide.
A COX-2 inhibitor. Anti-inflammatory, used as an NSAID, especially in pain control in arthritis. *Searle, G.D., & Co.*

4570 Cicloprofen

36950-96-6 253-287-1
C₁₆H₁₄O₂
α-Methylfluorene-2-acetic acid.
SQ-20824. Anti-inflammatory. *Bristol-Myers Squibb Co.*

4571 Cinmetacin

20168-99-4 2353 243-555-6
C₂₁H₁₉NO₄
1-Cinnamoyl-5-methoxy-2-methylindole-3-acetic acid.
Cindomet; Indolacin. Anti-inflammatory. Arylacetic acid derivative. mp = 170-172°, 164-165°; LD₅₀ (mus ip) = 360 mg/kg, (rat ip) = 590 mg/kg, (mus orl) = 750 mg/kg, (rat orl) = 1020 mg/kg. *Sumitomo.*

4572 Cintazone

2056-56-6
C₂₂H₂₂N₂O₂
2-Pentyl-6-phenyl-1H-pyrazolo[1,2-a]cinnoline-1,3(2H)-dione.
cinnopentazone; AHR-3015; Scha-306; NSC-102825. Anti-inflammatory. *Robins, A.H. Co.*

4573 Clidanac

34148-01-1 2411
C₁₆H₁₉ClO₂
6-Chloro-5-cyclohexyl-1-indancarboxylic acid.
TAI-284; Britai; Indanal. Anti-inflammatory; antipyretic. Arylcarboxylic acid derivative. mp = 150.5-152.5°; LD₅₀ (rat orl) = 41 mg/kg. *Bristol-Myers Squibb Co.*

4574 Cliprofen

51022-75-4
C₁₄H₁₁ClO₃S
3-Chloro-4-(-2-thenoyl)hydratropic acid.
R-12160. Anti-inflammatory. *Cilag-Chemie.*

4575 Clofexamide

1223-36-5
C₁₄H₂₁ClN₂O₂
2-(p-Chlorophenoxy)-N-[2-(diethylamino)ethyl]acetamide.

ANP 246. Antiinflammatory.

4576 Clofezone

60104-29-2
C₁₄H₂₁ClN₂O₂·C₁₉H₂₀N₂O₂·2H₂O
Equimolar mixture of clofexamide and phenylbutazone.

4577 Clopirac

42779-82-8 2459 255-938-5
C₁₄H₁₄ClNO₂
1-(4-Chlorophenyl)-2,5-dimethyl-1H-pyrrole-3-acetic acid.
BRL-13856; CP-172AP; Clopiran. Anti-inflammatory. Arylacetic acid derivative. *Beecham Research Labs.; Pfizer Inc.; Continental Pharma.*

4578 Cloximate

58832-68-1
C₁₄H₁₉ClN₂O₃
2-(Dimethylamino)ethyl(E)-[[p-chloro-α-methylbenzylidene)amino]oxy]acetate.
Antiinflammatory.

4579 Delmetacin

16401-80-2
C₁₈H₁₅NO₃
1-Benzoyl-2-methylindole-3-acetic acid.
Antiinflammatory, antipyretic, analgesic.

4580 Dexibuprofen

51146-56-6 4925
C₁₃H₁₈O₂
(+)-(S)-p-Isobutylhydratropic acid.
Analgesic; anti-inflammatory. Cyclooxygenase inhibitor. See ibuprophen.

4581 Dexibuprofen Lysine

141505-32-0 4925
C₁₉H₃₄N₂O₅
(+)-(S)-p-Isobutylhydratropic acid L-lysine salt monohydrate.
S-form of ibuprofen L-lysine salt; ML-223. Analgesic; anti-inflammatory. Cyclooxygenase inhibitor. See ibuprophen.

4582 Dexibuprofen Lysine [anhydrous]

113403-10-4 4925
C₁₉H₃₂N₂O₄
(+)-(S)-p-Isobutylhydratropic acid L-lysine salt.
L-669445. Analgesic; anti-inflammatory. Cyclooxygenase inhibitor. See ibuprophen. *Merck & Co., Inc.*

4583 Dexindoprofen

53086-13-8 4999 258-351-2
C₁₇H₁₅NO₃
(+)-(S)-p-(1-Oxo-2-isoindolyl)hydratropic acid.
(+)-form indoprofen; Nediud. Analgesic; anti-inflammatory. See indoprofen. mp = 205-207°; [α]_D²⁰ = +48° (c = 0.05 DMSO); LD₅₀ (rat iv) = 31.98 mg/kg, (rat orl) = 33.75 mg/kg. *Chugai Pharmaceutical Co., Ltd.*

4584 Diclofenac

15307-86-5 3132 239-348-5
C₁₄H₁₁Cl₂NO₂
2-[(2,6-Dichlorophenyl)amino]benzeneacetic acid.
Anti-inflammatory. Arylacetic acid derivative. mp = 156-

158°. *Ciba-Geigy Corp.***4585 Diclofenac Sodium**

15307-79-6 3132 239-346-4

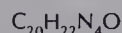


2-[(2,6-Dichlorophenyl)amino]benzeneacetic acid monosodium salt.

GP-45840; Allvoran; Assaren; Benfofen; Cataflam; Delphimix; Dichronic; Diclobenin; Diclo-Phlogont; Diclo-Puren; Diclord; Diclorem; Dolobasan; Duravoltex; Evofenac; Effekton; Kriplex; Neriodin; Novapirina; Primofenac; Prophenatin; Rhumalgan; Tsudohmin; Valetan; Voldal; Voltaren; Voltarol; Xenid. Anti-inflammatory. Arylacetic acid derivative. mp = 283-284°; λ_m = 283 nm (ϵ 10500 MeOH); soluble in H_2O , MeOH; less soluble in Me_2CO , CH_3CN , cyclohexane; LD₅₀ (mus orl) 390 mg/kg, (rat orl) = 150 mg/kg. *Ciba-Geigy Corp.*

4586 Difenamizole

20170-20-1 3181



2-(Dimethylamino)-N-(1,3-diphenylpyrazol-5-yl)-propionamide.

AP-14; Pasalin. Analgesic; anti-inflammatory. A pyrazole. mp = 123-128°, 120-122°; soluble in Me_2CO , $CHCl_3$, C_6H_6 ; nearly insoluble in H_2O ; LD₅₀ (mus iv) = 103 mg/kg, (mus ip) = 186 mg/kg, (mus sc) = 525 mg/kg, (mus orl) = 560 mg/kg. *Takeda.*

4587 Difenpiramide

51484-40-3 3184 257-235-9

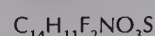


N-Pyridin-2-yl[1,1'-biphenyl]-4-acetamide.

diphenylpyramide; Z-876; Difenax. Anti-inflammatory. mp = 122-124°; LD₅₀ (mmus orl) = 2590 mg/kg, (mrat orl) = 2075 mg/kg, (mmus ip) = 1421 mg/kg, (mrat ip) = 1396 mg/kg. *Zambeletti.*

4588 Diflumidone

22736-85-2



3'-Benzoyl-1,1-difluoromethanesulfonanilide.

Anti-inflammatory. *3M Co.; Lab. Bago, S.A.***4589 Diflumidone Sodium**

22737-01-5



3'-Benzoyl-1,1-difluoromethanesulfonanilide sodium salt.

BA-4164-8; MBR-4164-8. Anti-inflammatory. *3M Co.; Lab. Bago, S.A.*

4590 Diflunisal

22494-42-4 3190 245-034-9

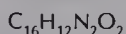


2',4'-Difluoro-4-hydroxy-3-biphenylcarboxylic acid.

MK-647; Adomal; Difludol; Dolisal; Dolobid; Dolobis; Flovacil; Fluniget; Fluodonil; Flustar. Analgesic; anti-inflammatory. Derivative of salicylic acid. mp = 210-211°; sparingly soluble in H_2O ; LD₅₀ (fmus orl) = 439 mg/kg. *E. Merck.*

4591 Diftalone

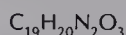
21626-89-1



Phthalazino[2,3-b]phthalazine-5,12(7H,14H)-dione.

L-5418. Anti-inflammatory. *Marion Merrell Dow Inc.***4592 Ditazole**

18471-20-0 3432 242-353-5



2,2'-[(4,5-Diphenyl-2-oxazolyl)imino]bisethanol.

ditazol; diethylphenazol; S-222; Ageroplas. Anti-inflammatory. mp = 96-98°; LD₅₀ (rat orl) = 11380 mg/kg, (rat ip) = 7770 mg/kg. *Serono Labs., Inc.*

4593 Droxicam

90101-16-9 3512



5-Methyl-3-(2-pyridyl)-2H,5H-1,3-oxazino[5,6-c][1,2]benzothiazine-2,4(3H)-dione 6,6-dioxide.

E-3128; Dobenam; Droxar; Ombolan. Anti-inflammatory. A thiazinecarboxamide, prodrug of piroxicam. mp = 259-261°; LD₅₀ (mmus orl) = 6192 mg/kg, (fmus orl) = 8841 mg/kg, (mrat orl) = 1434 mg/kg, (frat orl) = 1994 mg/kg. *Provesan S.A.*

4594 Eltenac

72895-88-6

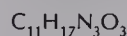


4-(2,6-Dichloroanilino)-3-thiopheneacetic acid.

An NSAID.

4595 Emorfazone

38957-41-4 3603 254-220-9



4-Ethoxy-2-methyl-5-(4-morpholinyl)-3(2H)-pyridazinone.

M-73101; Nandron; Pentoyl. Anti-inflammatory; analgesic. mp = 89-91°; LD₅₀ (mus ip) = 700 mg/kg. *Robert et Carriere.*

4596 Enfenamic Acid

23049-93-6 3620



N-Phenethylanthranilic acid.

RH-8; Tromaril. Anti-inflammatory; analgesic. Aminoarylcarboxylic acid derivative. mp = 116-117°; insoluble in H_2O ; LD₅₀ (mus ip) = 575 mg/kg, (mus orl) > 2000 mg/kg. *Council of Scientific and Industrial Research.*

4597 Enolicam

59755-82-7

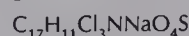


3',4',7'-Trichloro-2,3-dihydro-5-hydroxy-1-benzothiepin-4-carboxanilide 1,1-dioxide.

Anti-inflammatory; antirheumatic.

4598 Enolicam Sodium [anhydrous]

59756-39-7



3',4',7'-Trichloro-2,3-dihydro-5-hydroxy-1-benzothiepin-4-carboxanilide 1,1-dioxide monosodium salt.

CGS-5391B. Anti-inflammatory; antirheumatic. *Ciba-Geigy Corp.*

4599 Enolicam Sodium Monohydrate

73574-69-3

 $C_{17}H_{13}Cl_3NNaO_5S$

3',4',7'-Trichloro-2,3-dihydro-5-hydroxy-1-benzothiepin-4-carboxanilide 1,1-dioxide monosodium salt monohydrate.

Anti-inflammatory; antirheumatic. *Ciba-Geigy Corp.***4600 Epirizole**

18694-40-1

3659

242-507-1

 $C_{11}H_{14}N_4O_2$

4-Methoxy-2-(5-methoxy-3-methylpyrazol-1-yl)-6-methylpyrimidine.

mepirizole; DA-398; Mebron. Analgesic; anti-inflammatory; antipyretic. mp = 90-92°; slightly soluble in H_2O ; soluble in dilute acids, EtOH, C_6H_6 , dichloroethane, Et_2O , Me_2CO ; LD_{50} (mus orl) = 820 mg/kg. *Daiichi Pharmaceutical Corp.***4601 Esculamine**

2908-75-0

 $C_{15}H_{19}NO_6$

8-[[Bis(2-hydroxyethyl)amino)methyl]-6,7-dihydroxy-4-methylcoumarin.

Antiinflammatory.

4602 Etersalate

62992-61-4

3759

263-780-3

 $C_{19}H_{19}NO_6$

2-(Acetyloxy)benzoic acid

2-[4-(acetylamino)phenoxy]ethyl ester.

eterilate; etherylate; eterylate; Daital. Analgesic; anti-inflammatory; antipyretic. Derivative of salicylic acid. mp = 139-141°; LD_{10} (rat orl) = 7000 mg/kg.**4603 Etodolac**

41340-25-4

3920

 $C_{17}H_{21}NO_3$

1,8-Diethyl-1,3,4,9-tetrahydropyranol[3,4-b]indole-1-acetic acid.

etodolic acid; AY-24236; Edolan; Lodine; Ramodar; Tedolan; Ultradol; Zedolac. Anti-inflammatory; analgesic. Arylacetic acid derivative. mp = 145-148°. *American Home Products; Wyeth-Ayerst Labs.***4604 Etofenamate**

30544-47-9

3922

250-231-8

 $C_{18}H_{18}F_3NO_4$ 2-(2-Hydroxyethoxy)ethyl-N-(α,α,α -trifluoro-m-tolyl)anthranilate.B-577; Bay d 1107; TV-485; WHR-5020; Bayrogel; Glasel; Rheumon gel; Traumon Gel. Anti-inflammatory; analgesic. Percutaneously active antiphlogistic agent. Aminoarylcarboxylic acid derivative. Viscous oil; thermolabile at 180°; $bp_{0.001}$ = 130-135°; λ_m = 286 nm ($E_{1cm}^{1\%}$ 423 in MeOH); soluble in lower alcohols, organic solvents; barely soluble in H_2O (0.16 mg/100 ml at 22°); LD_{50} (mrat orl) = 292 mg/kg, (mrat iv) = 140 mg/kg, (mrat ip) = 373 mg/kg, (mrat sc) = 643 mg/kg, (frat orl) = 470 mg/kg, (frat iv) = 226 mg/kg, (frat ip) = 397 mg/kg, (frat sc) = 568 mg/kg. *Farbenfabriken Bayer AG; Troponwerke Dinklage.***4605 Felbinac**

5728-52-9

3989

227-233-2

 $C_{14}H_{12}O_2$

4-Biphenylacetic acid.

CL-83544; L-141; LJC-10141; BPAA; Napageln; Traxam. Anti-inflammatory; analgesic. A derivative of arylacetic acid. A metabolite of fenbufen. mp = 164-165°; LD_{50} = 164 mg/kg. *Lederle Labs.***4606 Felbinac Ethyl Ester**

5728-52-9

3989

 $C_{16}H_{16}O_2$

4-Biphenylacetic acid ethyl ester.

LM-001; Diatec. Anti-inflammatory; analgesic. Arylacetic acid derivative. *Lederle Labs.***4607 Fenamole**

5467-78-7

226-780-4

 $C_7H_7N_5$

5-Amino-1-phenyl-1H-tetrazol.

AL-0559; P-463; PAT; NSC-25413. Anti-inflammatory.

4608 Fenbufen

36330-85-5

4003

252-979-0

 $C_{16}H_{14}O_3$

3-(4-Biphenylcarbonyl)propionic acid.

CL-82204; Bufemid; Cinopal; Cinopol; Lederfen. Anti-inflammatory. Arylbutyric acid derivative. mp = 185-187°; LD_{50} (rat orl) = 200-720 mg/kg. *American Cyanamid; Lederle Labs.***4609 Fenclofenac**

34645-84-6

252-126-2

 $C_{14}H_{10}Cl_2O_3$

2-(2,4-Dichlorophenoxy)benzeneacetic acid.

Rx-67408; R-67408; Flenac. Anti-inflammatory. Arylacetic acid derivative. *Norwich Eaton.***4610 Fenclorac**

36616-52-1

 $C_{14}H_{16}Cl_2O_2$ α ,3-Dichloro-4-cyclohexyl)benzeneacetic acid.

WHR-539. Anti-inflammatory. Arylacetic acid derivative.

4611 Fenclozic Acid

17969-20-9

4010

 $C_{11}H_8ClNO_2S$

2-(p-Chlorophenyl)-4-thiazoleacetic acid.

acidum fenclozicum; ICI-54450; Myalex. Anti-inflammatory. Arylacetic acid derivative. mp = 155-156°; LD_{50} (mus iv) = 14.5 mg/kg, (mus orl) = 950 mg/kg; soluble in common organic solvents; nearly insoluble in H_2O . *ICI.***4612 Fendosal**

53597-27-6

4012

 $C_{25}H_{19}NO_3$

5-(4,5-Dihydro-2-phenyl-3H-benz[e]indol-3-yl)salicylic acid.

P71-0129; Alnovin. Anti-inflammatory. Derivative of salicylic acid. mp = 223-225° (dec); LD_{50} (mus orl) = 740 mg/kg, (rat orl) = 450 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.***4613 Fenflumizole**

73445-46-2

 $C_{23}H_{18}F_2N_2O_2$

2-(2,4-Difluorophenyl)-4,5-bis(p-methoxyphenyl)-imidazole.

Anti-inflammatory.

4614 Fenoprofen

31879-05-7 4021 250-850-3

$C_{15}H_{14}NO_3$

(±)-m-Phenoxyhydratropic acid.

Lilly-53858. Anti-inflammatory; analgesic. Arylpropionic acid derivative. Oil; bp_{0.11} = 168-171°; n_D^{25} = 1.5742; pKa = 7.3. *Eli Lilly & Co.*

4615 Fenoprofen Calcium

53746-45-5 4021

$C_{30}H_{30}CaNO_8$

(±)-m-Phenoxyhydratropate dihydrate.

Lilly-69323; Fenopron; Fepron; Feprona; Nalfon; Nalgesc; Progesic. Anti-inflammatory; analgesic.

Arylpropionic acid derivative. Soluble in H₂O (2.5 mg/ml), more soluble in EtOH, less soluble in organic solvents; LD₅₀ (mus orl) = 800 mg/kg. *Eli Lilly & Co.*

4616 Fenpipalone

21820-82-6

$C_{17}H_{22}N_2O_2$

5-[2-(3,6-Dihydro-4-phenyl-1(2H)-pyridinyl)ethyl]-3-methyl-2-oxazolidinone.

AHR-1680. Anti-inflammatory. *Robins, A.H. Co.*

4617 Fentiazac

18046-21-4 4045 241-958-1

$C_{17}H_{12}ClNO_2S$

4-(4-Chlorophenyl)-2-phenyl-5-thiazoleacetic acid.

BR-700; CH-800; WY-21894; Donorest; Flogene; Norvedan. Anti-inflammatory. Arylacetic acid derivative.

mp = 161-162°; LD₅₀ (rat orl) = 661 mg/kg. *Wyeth Labs.*

4618 Fepradinol

63075-47-8 4052

$C_{12}H_{19}NO_2$

(±)-α-[(2-Hydroxy-1,1-dimethylethyl)amino]methyl]-benzyl alcohol.

Dalgen [as hydrochloride]; Flexidol [as hydrochloride]. Anti-inflammatory. mp = 142-143°; (also reported as 140-142°, 139°); λ_m = 250.5, 256.4, 262.0 nm (log ε 2.17, 2.28, 2.25 in 0.1N HCl).

4619 Feprazone

30748-29-9 4053 250-324-3

$C_{20}H_{20}N_2O_2$

4-(3-Methyl-2-butenyl)-1,2-diphenyl-3,5-pyrazolidinedione.

phenylprenazone; prenazone; DA-2370; Analud; Methrazone; Zepelin. Anti-inflammatory. A pyrazolone.

mp = 156.5; λ_m = 264 nm (log ε 4.19 in EtOH); pKa 5.09; LD₅₀ (mmus ip) = 408.8 mg/kg, (mmus orl) = 1067 mg/kg; soluble in Me₂CO, CHCl₃, DMF; sparingly soluble in Et₂O, MeOH, EtOH, cyclohexane; nearly insoluble in 10% HCl, 10% AcOH, H₂O. *DeAngeli.*

4620 Flazalone

21221-18-1

$C_{19}H_{19}F_2NO_2$

p-Fluorophenyl 4-(p-fluorophenyl)-4-hydroxy-1-methyl-3-

piperidyl ketone.

NSC-102629. Anti-inflammatory. *3M Pharmaceuticals.*

4621 Florifenine

83863-79-0

$C_{23}H_{22}F_3N_3O_2$

2-(1-Pyrrolidinyl)ethyl-N-[7-(trifluoromethyl)-4-quinolyl]-anthranilate.

Antiinflammatory.

4622 Flosulide

80937-31-1

$C_{16}H_{13}F_2NO_4S$

N-[6-(2,4-Difluorophenoxy)-1-oxo-5-indanyl]methanesulfonamide.

COX-2 inhibitor. Antiinflammatory.

4623 Flufenamic Acid

530-78-9 4167 208-494-1

$C_{14}H_{10}F_3NO_2$

N-(α,α,α-Trifluoro-m-tolyl)anthranilate.

CI-440; CN-27544; INF-1837; NSC-82699; Achless; Ansatin; Arlef; Fullsafe; Meralen; Paraflu; Parlef; Ristogen; Sastridex; Surika; Tecramine. Anti-inflammatory; analgesic. Aminoarylcarboxylic acid derivative. mp = 125°; LD₅₀ (mus orl) = 715 mg/kg. *Parke-Davis.*

4624 Flufenamic Acid Aluminum Salt

61891-34-7 4167

$C_{42}H_{27}AlF_9N_3O_6$

N-(α,α,α-Trifluoro-m-tolyl)anthranilate aluminum salt (3:1).

aluminum flufenamate; Alfenamin; Opyrin. Anti-inflammatory; analgesic. Aminoarylcarboxylic acid derivative. *Parke-Davis.*

4625 Flufenamic Acid Butyl Ester

67330-25-0 4167

$C_{18}H_{18}F_3NO_2$

N-(α,α,α-Trifluoro-m-tolyl)anthranilate butyl ester.

ufenamate; Fenazol; Combec. Anti-inflammatory; analgesic. Aminoarylcarboxylic acid derivative. *Parke-Davis.*

4626 Flumizole

36740-73-5

$C_{18}H_{15}F_3N_2O_2$

4,5-Bis(p-methoxyphenyl)-2-(trifluoromethyl)imidazole.

CP-22665. Anti-inflammatory. *Pfizer Inc.*

4627 Flunixin

38677-85-9 4182

$C_{14}H_{11}F_3N_2O_2$

2-(2-Methyl-3-trifluoromethylanilino)nicotinic acid.

Sch-14714. Analgesic; anti-inflammatory; antipyretic. Cyclooxygenase inhibitor. mp = 226-228°; pKa' = 5.28. *Schering Corp.*

4628 Flunixin Meglumine

42461-84-7 4182 255-836-0

$C_{21}H_{28}F_3N_3O_7$

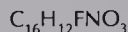
2-(2-Methyl-3-trifluoromethylanilino)nicotinic acid compound with 1-deoxy-1-(methylamino)-D-glucitol (1:1).

Banamine; Finadyne. Analgesic; anti-inflammatory; antipyretic. Cyclooxygenase inhibitor. mp = 135-139°;

soluble in H₂O. *Schering Corp.*

4629 Flunoxaprofen

66934-18-7 4183



(+)-2-(p-Fluorophenyl)- α -methyl-5-benzoxazoleacetic acid.

RV-12424; Priaxim. Anti-inflammatory. Arylpropionic acid derivative. mp = 162-164°; $[\alpha]_D^{20} = +50^\circ$ (c = 2% DMF); LD₅₀ (mus orl) 1200 mg/kg. *Eli Lilly & Co.; Ravizza.*

4630 Fluquazone

37554-40-8

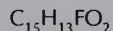


6-Chloro-4-phenyl-1-(2,2,2-trifluoroethyl)-2(1H)-quinazolinone.

EN-970. Anti-inflammatory.

4631 Flurbiprofen

5104-49-4 4234 225-827-6



2-Fluoro- α -methyl[1,1'-biphenyl]-4-acetic acid.

BTS-18322; U-27182; Adfeed; Ansaïd; Antadys; Cebutid; Froben; Flurofen; Ocufen; Stayban; Zepolas. Anti-inflammatory; analgesic. Arylpropionic acid derivative. mp = 110-111°. *Boots Pharmaceuticals Inc.; Upjohn Ltd.*

4632 Fluretofen

56917-29-4



4'-Ethynyl-2-fluorobiphenyl.

Compound 93819. Anti-inflammatory; antithrombotic. *Eli Lilly & Co.*

4633 Flutiazin

7220-56-6

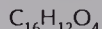


8-(Trifluoromethyl)phenothiazine-1-carboxylic acid.

Anti-inflammatory. *SmithKline Beecham Pharmaceuticals.*

4634 Furobufen

38873-55-1

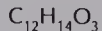


γ -Oxo-2-dibenzofuranbutyric acid.

Anti-inflammatory. *Wyeth-Ayerst Labs.*

4635 Furofenac

56983-13-2



2-Ethyl-2,3-dihydro-5-benzofuranacetic acid.

Anti-inflammatory.

4636 Gentisic Acid

490-79-9 4404 207-718-5



2,5-Dihydroxybenzoic acid.

5-hydroxysalicylic acid. Analgesic; anti-inflammatory. Occurs in gentian root. Derivative of salicylic acid. mp = 199-200°; pK (25°) = 2.93; soluble in H₂O (1 part in 200 at 5°), EtOH, Et₂O; nearly insoluble in CS₂, CHCl₃, C₆H₆. *Monsanto Co.; Schering AG.*

4637 Gentisic Acid Sodium Salt

4955-90-2 4404 207-718-5

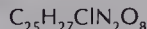


2,5-Dihydroxybenzoic acid sodium salt.

sodium gentisate; Gentinatre; Gentisod; Legential; Gentisine UCB. Analgesic; anti-inflammatory. Soluble in H₂O. *Monsanto Co.; Schering AG.*

4638 Glucametacin

52443-21-7 4456 257-923-9



2-[[[1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl]acetyl]amino]-2-deoxy-D-glucose.

glucametacine; glucamethacin; indomethacin glucosamide; Euminex [as monohydrate]; Teorema [as monohydrate]; Teoremac [as monohydrate]. Anti-inflammatory. Arylacetic acid derivative.

4639 Glycol Salicylate

87-28-5 4509 201-737-2

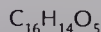


2-Hydroxybenzoic acid 2-hydroxyethyl ester.

2-hydroxyethyl salicylate; monoglycol salicylate; ethylene glycol monosalicylate; GL-7; Glysal; Norgesic; Phlogont (salve); Spirosal. Counterirritant; anti-inflammatory (topical). Derivative of salicylic acid. bp₁₂ = 169-172°; soluble in H₂O (10.1 g/100 ml); more soluble in organic solvents.

4640 Guacetisal

55482-89-8 886 259-663-1



2-(Acetyloxy)benzoic acid 2-methoxyphenyl ester.

Broncaspin; Guaiaspir. Analgesic; antipyretic; anti-inflammatory. See aspirin.

4641 Guaiazulene

489-84-9 4581 207-701-2

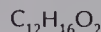


7-Isopropyl-1,4-dimethylazulene.

S-guaiazulene; AZ-8; AZ-8 Beris; Eucazulen; Kessazulen; Vaumigan. Anti-inflammatory; antiulcerative. See sodium gualenate. bp₁₀ = 165-170°.

4642 Ibufenac

1553-60-2 4924 216-302-2



4-(2-Methylpropyl)benzeneacetic acid.

RD-11654; Dytransin; Ibunac. Analgesic; anti-inflammatory. Arylacetic acid derivative. mp = 85-87°; slightly soluble in H₂O; soluble in organic solvents; LD₅₀ (mus orl) = 1800 mg/kg. *Boots Pharmaceuticals Inc.*

4643 Ibuprofen

15687-27-1

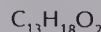


α -2-(p-Isobutylphenyl)propionic acid.

Anti-inflammatory. Arylpropionic acid derivative. *Boots Pharmaceuticals Inc.*

4644 (±)-Ibuprofen

58560-75-1 4925 239-784-6



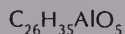
(±)-2-(p-Isobutylphenyl)propionic acid.

RD-13621; U-18753; Adran; Advil; Anco; Amibufen; Anflagen; Apsifen; Artril 300; Bluton; Brufen; Brufort; Buburone; Butylenin; Dansida; Dentigoa; Dolgin;

Dolgirid; Dolgit; Dolocyl; Dolo-Dolgit; Ebufac; Emodin; Epobron; Femadon; Fenbid; Gynofug; Haltran; Ibu-Attritin; Ibumetin; Ibuprocin; Ibutad; Opturem; Padiaprofen; Proflex; Prontalgin; Recidol; Roidenin; Seclodin; Suspren; Tabalon; Trendar; Urem. Anti-inflammatory. mp = 75-77°; fairly insoluble in H₂O; soluble in most organic solvents; LD₅₀ (mus ip) = 495 mg/kg, (mus orl) = 1255 mg/kg. *Boots Pharmaceuticals Inc.; Bristol-Myers Squibb Co.; Ciba-Geigy Corp.; McNeil Pharmaceutical; Sterling Health U.S.A.; Upjohn Ltd.; Whitehall Labs.*

4645 Ibuprofen Aluminum

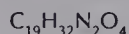
61054-06-6



(±)-Hydroxybis(p-isobutylhydratropato)aluminum.

U-18573G; Motrin-A. Anti-inflammatory. *Upjohn Ltd.***4646 Ibuprofen Lysine Salt**

4925

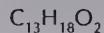


(±)-2-(p-Isobutylphenyl)propionate lysine salt.

MK-223 [S-form]; Solprofen. Anti-inflammatory. *Boots Pharmaceuticals Inc.***4647 Ibuprofen Methylglucamine Salt**

135861-34-6

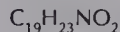
4925



(±)-2-(p-Isobutylphenyl)propionate methylglucamine salt.

Artrene. Anti-inflammatory. *Boots Pharmaceuticals Inc.***4648 Ibuprofen Piconol**

112017-99-9



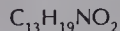
2-Pyridylmethyl (±)-p-isobutylhydratropate.

Be-100; U-18573G. Anti-inflammatory (topical). *Upjohn Ltd.; Hisamitsu.***4649 Ibuproxam**

53648-05-8

4926

258-683-8

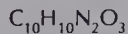


p-Isobutylhydratropohydroxamic acid.

G-277; Ibudros. Anti-inflammatory. Hydroxylamine derivative of ibuprofen. mp = 119-121°; LD₅₀ (mus orl) > 2000 mg/kg; soluble in MeOH, EtOH, Et₂O; nearly insoluble in H₂O, petroleum ether.**4650 Imidazole Salicylate**

36364-49-5

4949



Salicylic acid compound with imidazole (1:1).

salizolo; IFT-182; Flogozen; Selezen. Anti-inflammatory; analgesic; antipyretic. Derivative of salicylic acid. Also used in heat-sensitive copying materials. mp = 123-124°; λ_m = 300 nm (E_{1cm}^{1%} 182.5); soluble in H₂O (>100 mg/ml); LD₅₀ (mmus sc) = 763 mg/kg, (mmus iv) = 422 mg/kg, (mmus orl) = 1121 mg/kg. *Italfarmaco.***4651 Indomethacin**

53-86-1

4998

200-186-5



1-(p-Chlorobenzoyl)-5-methoxy-2-methylindol-3-acetic acid.

Amuno; Argun; Artracin; Artrinovo; Bonidin; Catlep; Chibro-Amuno; Chrono-Indicid; Confortid; Dolcidium;

Durametacin; Elmetacin; Idomethine; Imbrilon; Inacid; Indacin; Indocid; Indocin; Indomed; Indomee; Indomethine; Indomod; Indo-Phlogont; Indoptic; Indop; Liometacen (meglumine salt). Anti-inflammatory; analgesic; antipyretic. Arylacetic acid derivative. mp = 155-162°; λ_m = 230, 260, 319 nm (ε 10800, 16200, 6290 in EtOH); pKa = 4.5; soluble in EtOH, Et₂O, Me₂CO, castor oil; nearly insoluble in H₂O; decomposes in strong alkali; LD₅₀ (rat ip) = 13 mg/kg. *Lemmon Co.; Merck & Co., Inc.; Gruppo Lepetit S.p.A.; Sumitomo.*

4652 Indomethacin Sodium Trihydrate

74252-25-8

4998



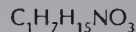
Sodium 1-(p-chlorobenzoyl)-5-methoxy-2-methylindol-3-acetic acid trihydrate.

Indocin IV; Osmosin. Anti-inflammatory; analgesic; antipyretic. Arylacetic acid derivative. pH (1% aqueous solution) = 8.4; soluble in MeOH, H₂O; slightly soluble in CHCl₃, Me₂CO. *Merck & Co., Inc.***4653 Indoprofen**

31842-01-0

4999

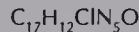
250-833-0



p-(1-Oxo-2-isoindolyl)hydratropic acid.

IPP; K-4277; Bor-ind; Flosin; Flosint; Isindone; Praxis; Reumofene. Analgesic; anti-inflammatory. Arylacetic acid derivative. mp = 213-214°; LD₅₀ (rat orl) = 61 mg/kg. *Farmitalia Carlo Erba SpA.***4654 Intrazole**

15992-13-9



1-(p-Chlorobenzoyl)-3-(1H-tetrazol-5-ylmethyl)indole.

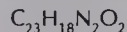
BL-R743. Anti-inflammatory.

4655 Isofezolac

50270-33-2

5188

256-512-1



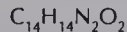
1,3,4-Triphenylpyrazole-5-acetic acid.

LM-22102; Sofenac. Anti-inflammatory; analgesic; antipyretic. Arylacetic acid derivative. mp = 200°; LD₅₀ (mus orl) = 215 mg/kg, (rat orl) = 13 mg/kg.**4656 Isonixin**

57021-61-1

5209

260-521-6

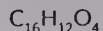


2-Hydroxy-2',6'-nicotinoxylidide.

Nixyn. Analgesic; anti-inflammatory. Aminoaryl-carboxylic acid derivative. mp = 266-267°; soluble in CHCl₃, strong alkali; nearly insoluble in acids, H₂O; LD₅₀ (mmus orl) > 7000 mg/kg, (mus, rat ip) > 2000 mg/kg. *Hermes (GB) Ltd.***4657 Isoxepac**

55453-87-7

5257



6,11-Dihydro-11-oxodibenz[b,e]oxepin-2-acetic acid.

oxepinac; HP-549; P-720549; Artil. Anti-inflammatory. Arylacetic acid derivative. mp = 131-132.5°; LD₅₀ (rat orl) = 199 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.*

4658 Isoxicam

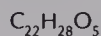
34552-84-6 5528 252-084-5



4-Hydroxy-2-methyl-N-(5-methyl-3-isoxazolyl)-2H-1,2-benzothiazine-3-carboxamide.

W-8495; Floxicam; Maxicam; Pacyl; Vectren. Anti-inflammatory. A thiazinecarboxamide. mp = 265-271° (dec). *Parke-Davis; Witco Chemical Corp.***4659 Ketoprofen Lysine Salt**

57469-78-0 5316



m-Benzoylhydratropic acid lysine salt.

Artrosilene. Anti-inflammatory; analgesic. Arylpropionic acid derivative.

4660 Ketorolac

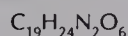
74103-06-3 5318



(±)-5-Benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylic acid.

RS-37619. Analgesic; anti-inflammatory. Prostaglandin biosynthesis inhibitor. Arylcarboxylic acid derivative. mp = 160-161°; λ_m = 245, 312 nm (ϵ 7080, 17400 MeOH); pKa = 3.5; LD₅₀ (mus orl) 200 mg/kg. *Merck & Co., Inc.; Syntex Labs. Inc.***4661 Ketorolac Tromethamine**

74103-07-4 5318



(±)-5-Benzoyl-2,3-dihydro-1H-pyrrolizine-1-carboxylic acid compound with 2-amino-2-(hydroxymethyl)-1,3-propanediol (1:1).

Acular; Dolac; Lixidol; Tarazyn; Toradol; Toratex. Analgesic; anti-inflammatory. Arylcarboxylic acid derivative. *Syntex Labs. Inc.***4662 Lofemizole**

65571-68-8 265-818-4



4-(p-Chlorophenyl)-5-methylimidazole.

Anti-inflammatory; analgesic; antipyretic. *Farmatis S.R.L.***4663 Lofemizole Hydrochloride**

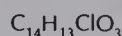
70169-80-1



4-(p-Chlorophenyl)-5-methylimidazole monohydrochloride.

Anti-inflammatory; analgesic; antipyretic. *Farmatis S.R.L.***4664 Lonaprofen**

41791-49-5 255-555-3

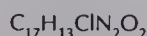


Methyl-2-[(1-chloro-2-naphthyl)oxy]propionate.

Analgesic; anti-inflammatory.

4665 Lonazolac

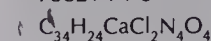
53808-88-1 5596 258-791-5



3-(4-Chlorophenyl)-1-phenyl-1H-pyrazole-4-acetic acid.

Anti-inflammatory. Arylacetic acid derivative. mp = 150-151°; λ_m = 281 nm (ϵ 24800 MeOH); pKa 4.3; LD₅₀ (mmus iv) = 195 mg/kg. *Byk Gulden Lomberg Chemische Fabrik GmbH; Wyeth Labs.***4666 Lonazolac**

75821-71-5 5596 278-322-8



3-(4-Chlorophenyl)-1-phenyl-1H-pyrazole-4-acetic acid calcium salt.

Argun L; Irritren. Anti-inflammatory. Arylacetic acid derivative. mp = 270-290° (dec); λ_m = 280 nm (ϵ 46400 0.1N HCl); LD₅₀ (mmus orl) = 670 mg/kg, (fmus orl) = 845 mg/kg, (mrat orl) = 730 mg/kg, (frat orl) = 1000 mg/kg. *Byk Gulden Lomberg Chemische Fabrik GmbH; Wyeth Labs.***4667 Lornoxicam**

70374-39-9 5612



6-Chloro-4-hydroxy-2-methyl-N-2-pyridyl-2H-thieno[2,3-e]-1,2-thiazine-3-carboxamide 1,1-dioxide.

chlortenoxicam; Ro-13-9297; TS-110. Anti-inflammatory; analgesic. Cyclooxygenase inhibitor; structurally similar to tenoxicam. A thiazinecarboxamide. mp = 225-230° (dec); λ_m = 371 nm; pKa₂ = 4.7; LD₅₀ (mus, rat, dog, rbt, mky orl) > 10 mg/kg. *Hoffmann-La Roche Inc.***4668 Losmipirofen**

74168-08-4



(±)-2-[[3-(p-Chlorobenzoyl)-o-tolyl]oxy]propionic acid.

Analgesic; anti-inflammatory.

4669 Lotifazole

71119-10-3

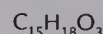


2',2',2-Trichloroethyl 4-phenyl-2-thiazolecarbamate.

F-1686. Anti-inflammatory.

4670 Loxoprofen

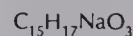
68767-14-6 5619



(±)-p-[(2-Oxocyclopentyl)methyl]hydratropic acid.

Anti-inflammatory; analgesic. Arylpropionic acid derivative. Active metabolite is the trans-cyclohydroxypentane. Oil; bp_{0.3} = 190-195°; mp = 108.5-111°. *Sankyo.***4671 Loxoprofen Sodium**

80382-23-6 5619



(±)-p-[(2-Oxocyclopentyl)methyl]hydratropate sodium salt.

CS-600; Loxonin. Anti-inflammatory; analgesic. Arylpropionic acid derivative. Active metabolite is the trans-cyclohydroxypentane. *Sankyo.***4672 Lysine Acetylsalicylate**

62952-06-1 5668 263-769-3

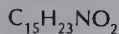


DL-Lysine mono[2-(acetyloxy)benzoate].

aspirin DL-lysine; aspirin lysine salt; lysine monosalicylate acetate; LAS; Aspidol; Delgesic; Flectadol; Lysal; Quinvet; Venopirin; Vetalgina. Analgesic; antipyretic; anti-inflammatory. Water soluble, injectable aspirin derivative. mp = 154-156°; soluble in H₂O; slightly soluble in EtOH; insoluble in organic solvents.

4673 Mabuprofen

82821-47-4 280-048-9

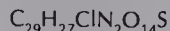


(±)-N-(2-Hydroxyethyl)-2-[4-(2-methylpropyl)phenyl]-propionamide.

Analgesic; anti-inflammatory.

4674 Meclofenamate Sodium

6385-02-0



[4S-(4α,4αα,5α,5αα,12α)]-7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacene-carboxamide.

Meclan; Mecloderm; Meclosorb; Meclutin; Traumatociclina. Analgesic; anti-inflammatory; antipyretic. Aminoarylcarboxylic acid derivative. *Parke-Davis*.**4675 Meclofenamate Sodium**

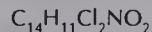
6385-02-0 5819 228-983-3



2-[(2,6-Dichloro-3-methylphenyl)amino]benzoate sodium salt monohydrate.

Lenidolor; Meclodol; Meclomen; Movens. Anti-inflammatory; antipyretic. Aminoarylcarboxylic acid derivative. mp = 289-291°; soluble in H₂O (15 mg/ml), pH = 8.7. *Parke-Davis*.**4676 Meclofenamic Acid**

644-62-2 5819 211-419-5

2-[(2,6-Dichloro-3-methylphenyl)amino]benzoic acid. meclophenamic acid; CI-583; INF-4668; Arquel. Anti-inflammatory; antipyretic. Aminoarylcarboxylic acid derivative. mp = 257-259°, 248-250°; slightly soluble in H₂O (0.03 mg/ml); more soluble in 0.1N NaOH (28 mg/ml); pH (saturated aqueous solution) 6.9. *Parke-Davis*.**4677 Meloxicam**

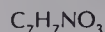
71125-38-7 5869



4-Hydroxy-2-methyl-N-(5-methyl-2-thiazolyl)-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide.

Metacam. Anti-inflammatory. mp = 254° (dec); pKa = 4.08 in H₂O; LD₅₀ (mus orl) = 470 mg/kg. *Boehringer Ingelheim Ltd.; Thomae*.**4678 Mesalamine**

89-57-6 5964 201-919-1



5-Aminosalicylic acid.

5-amino-2-hydroxybenzoic acid; m-aminosalicylic acid; fisalamine; mesalazine; 5-ASA; Asacol; Asacolitin; Claversal; Lixacol; Mesasal; Pentasa; Rowasa; Salofalk. Anti-inflammatory (gastrointestinal). Derivative of salicylic acid. Used in the treatment of ulcerative colitis. Also used in the manufacture of light sensitive paper, azo and sulfur dyes. Dec ≅ 280°; slightly soluble in cold H₂O, alcohol; more soluble in hot H₂O; soluble in HCl. *Ciba-Geigy Corp.; Solvay Pharmaceuticals; C.M. Industries*.**4679 Meseclazone**

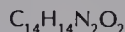
29053-27-8



7-Chloro-3,3a-dihydro-2-methyl-2H,9H-isoxazolo[3,2-b][1,3]benzoxazin-9-one.

W-2395. Anti-inflammatory. *Wallace Labs*.**4680 Metanixin**

4394-04-1

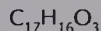


2-(2,6-Xylidino)nicotinic acid.

Anilinicnicotinic acid derivative. Anti-inflammatory.

4681 Metbufen

63472-04-8



3-(4-Biphenylcarbonyl)-2-methylpropionic acid.

Anti-inflammatory.

4682 Metiazinic Acid

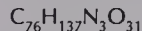
13993-65-2 6219 237-795-0



10-Methylphenothiazine-2-acetic acid.

methiazic acid; methiazinic acid; metiazic acid; RP-16091; Soridermal; Soripal. Anti-inflammatory. Arylacetic acid derivative. mp = 146°; λ_m = 253, 305 nm (0.1N NaOH); soluble in Me₂CO, Et₂O, CHCl₃; forms a H₂O-soluble sodium salt; LD₅₀ (mus orl) = 800 mg/kg. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***4683 Mipragoside**

131129-98-1

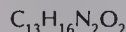


N-(II'-N-Acetylneuraminosylgangliotetraosyl)ceramide isopropyl ester.

AGF-44. Ester derivative of ganglioside GM1. Used in the treatment of allergic conjunctivitis. Antinociceptive; anti-inflammatory.

4684 Mofebutazone

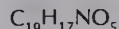
2210-63-1 6312 218-641-1



4-Butyl-1-phenyl-3,5-pyrazolidinedione.

monophenylbutazone; Arcomonol Tablets; Mobutazon; Mobuzon; Mofesal; Monazon; Monobutyl; Monorheumetten; Reumatox. Anti-inflammatory. A pyrazolone. mp = 102-103°; λ_m = 240, 275 nm (E_{1cm}^{1%} 443,245 EtOH); LD₅₀ (mus iv) = 600 mg/kg.**4685 Mofezolac**

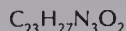
78967-07-4 6314



3,4-Bis(p-methoxyphenyl)-5-isoxazoleacetic acid.

N-22. Anti-inflammatory; analgesic. Prostaglandin biosynthesis inhibitor. A derivative of arylacetic acid. mp = 147.5°; λ_m = 236 nm (ε 18300 MeOH); soluble in most organic solvents; slightly soluble in H₂O; LD₅₀ (mmus orl) = 1528 mg/kg, (mmus ip) = 275 mg/kg, (mmus sc) = 612 mg/kg.**4686 Morazone**

6536-18-1 6349 229-447-1



4-[(3-Methyl-2-phenyl-4-morpholino)methyl]antipyrine.

R-445; Tarugan. Analgesic; anti-inflammatory; antipyretic. A pyrazolone. mp = 149-150°; soluble in

CHCl_3 , MeOH, Me_2CO ; slightly soluble in Et_2O .
Ravensberg.

4687 Morazone Hydrochloride

50321-35-2 6349 256-540-4

$\text{C}_{23}\text{H}_{28}\text{ClN}_3\text{O}_2$

4-[(3-Methyl-2-phenyl-4-morpholino)methyl]antipyrine monohydrochloride.

Analgesic; anti-inflammatory; antipyretic. A pyrazolone. mp = 171-172° (dec); soluble in H_2O . *Ravensberg*.

4688 Morniflumate

65847-85-0 6620

$\text{C}_{19}\text{H}_{20}\text{F}_3\text{N}_3\text{O}_3$

2-Morpholinoethyl 2-(α,α,α -trifluoro-m-toluidino)nicotinate.

niflumic acid β -morpholinoethyl ester; UP-164; Flomax; Nifluril (suppositories). Anti-inflammatory. See niflumic acid. *Hexachemie*.

4689 Morpholine Salicylate

147-90-0 6362 205-703-8

$\text{C}_{11}\text{H}_{15}\text{NO}_4$

Tetrahydro-2H-1,4-oxazine salicylate.

Retarcyl; Deposal. Analgesic. mp = 110-111°; soluble in H_2O , alcohols, EtOAc, Me_2CO , C_6H_6 , CHCl_3 ; nearly insoluble in C_7H_8 , xylene, petroleum ether, Et_2O , CCl_4 .

4690 Nabumetone

42924-53-8 6428

$\text{C}_{15}\text{H}_{16}\text{O}_2$

4-(6-Methoxy-2-naphthyl)-2-butanone.

BRL-14777; Arthaxan; Balmox; Consolan; Nabuser; Relafen; Relifen; Relifex. Anti-inflammatory; analgesic. Nonacidic, lipophilic prodrug, metabolized in vivo to 6-methoxy-2-naphthylacetic acid, a prostaglandin synthesis inhibitor. mp = 80°. *Beecham Research Labs.; C.M. Industries*.

4691 1-Naphthyl Salicylate

550-97-0 6501

$\text{C}_{17}\text{H}_{12}\text{O}_3$

2-Hydroxybenzoic acid 2-naphthalenyl ester.

β -naphthol salicylate; Betol; Naphthalol; Naphthosalol; Salinaphthol. Anti-infective; anti-inflammatory. Derivative of salicylic acid. mp = 83°; insoluble in H_2O ; soluble in EtOH, Et_2O , oils.

4692 Naproxen

22204-53-1 6504 244-838-7

$\text{C}_{14}\text{H}_{14}\text{O}_3$

(+)-6-Methoxy- α -methyl-2-naphthaleneacetic acid.

MNPA; RS-3540; Bonyl; Diocodal; Dysmenalgit; Equiproxen; Floginax; Laraflex; Laser; Naixan; Napren; Naprium; Naprius; Naprosyn; Naprosyne; Naprux; Naxen; Nycopren; Panoxen; Prexan; Proxen; Proxine; Reuxen; Veradol; Xenar. Anti-inflammatory; analgesic; antipyretic. Arylpropionic acid derivative. mp = 152-154°; $[\alpha]_D = +66^\circ$ ($c = 1$ in CHCl_3); nearly insoluble in H_2O ; soluble in organic solvents; LD_{50} (mus orl) = 1234 mg/kg, (rat orl) = 534 mg/kg, (rat ip) = 575 mg/kg. *Syntex Labs. Inc.*

4693 Naproxen Piperazine

70981-66-7 6504

$\text{C}_{32}\text{H}_{38}\text{N}_2\text{O}_6$

(+)-6-Methoxy- α -methyl-2-naphthaleneacetate piperazine salt (2:1).

piproxen; Numidan. Anti-inflammatory; analgesic; antipyretic. Arylpropionic acid derivative. *Syntex Labs. Inc.*

4694 Naproxen Sodium

26159-34-2 6504 247-486-2

$\text{C}_{14}\text{H}_{13}\text{NaO}_3$

(-)-Sodium 6-methoxy- α -methyl-2-naphthaleneacetate.

RS-3560; Aleve; Anaprox; Apranax; Axer; Alfa; Flanax; Gynestrel; Miranax; Primeral; Synflex. Anti-inflammatory; analgesic; antipyretic. Arylpropionic acid derivative. mp = 244-246°; $[\alpha]_D = -11^\circ$ (in MeOH). *Syntex Labs. Inc.*

4695 Naproxol

26159-36-4

$\text{C}_{14}\text{H}_{16}\text{O}_2$

(-)-6-Methoxy- β -methyl-2-naphthaleneethanol.

RS-4034. Anti-inflammatory; analgesic; antipyretic. *Syntex Labs. Inc.*

4696 Nicaraven

79455-30-4

$\text{C}_{15}\text{H}_{16}\text{N}_4\text{O}_2$

($\pm$)-N,N'-Propylenebis[nicotinamide].

Hydroxyl free radical scavenger.

4697 Niflumic Acid

4394-00-7 6620 224-516-2

$\text{C}_{13}\text{H}_9\text{F}_3\text{N}_2\text{O}_2$

2-[3-(Trifluoromethyl)anilino]nicotinic acid.

UP-83; Actol; Forenol; Landruma; Nifluril. Anti-inflammatory. Aminoarylcarboxylic acid derivative. mp = 204°; LD_{50} (rat orl) = 370 mg/kg, (rat ip) = 155 mg/kg. *Labs. UPSA*.

4698 Nimesulide

51803-78-2 6640 257-431-4

$\text{C}_{13}\text{H}_{12}\text{N}_2\text{O}_5\text{S}$

N-(4-Nitro-2-phenoxyphenyl)methanesulfonamide.

R-805; Aulin; Flogovital; Mesulid; Nisulid. Anti-inflammatory. Prostaglandin synthetase and platelet aggregation inhibitor. mp = 143-144.5°; LD_{50} (rat orl) = 324 mg/kg. *C.M. Industries*.

4699 Niometacin

16426-83-8 240-479-5

$\text{C}_{18}\text{H}_{16}\text{N}_2\text{O}_4$

5-Methoxy-2-methyl-1-nicotinoylindole-3-acetic acid.

Anti-inflammatory.

4700 Nitraquazone

56739-21-0

$\text{C}_{16}\text{H}_{13}\text{N}_3\text{O}_4$

3-Ethyl-1-(m-nitrophenyl)-2,4[1H,3H]-quinazolinone.

TVX-2706. Selective phosphodiesterase inhibitor. Anti-inflammatory.

4701 Olsalazine

15722-48-2 6976

$\text{C}_{14}\text{H}_{10}\text{N}_2\text{O}_6$

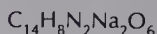
3,3'-Azobis(6-hydroxybenzoic acid).

C.I. Mordant Yellow 5; 5,5'-azobis(salicylic acid);

azodisal. Anti-inflammatory (gastrointestinal). Derivative of salicylic acid. Dimer of mesalamine. Used in the treatment of ulcerative colitis. Mordant dye for wool. *Ciba-Geigy Corp.; Kabi.*

4702 Olsalazine Sodium

6054-98-4 6976 227-975-7



Disodium 3,3'-azobis(6-hydroxybenzoic acid).

C.I. Mordant Yellow 5 disodium salt; sodium azodisalicylate; azodisal sodium; disodium azodisalicylate; disodium 5,5'-azobis(salicylic acid); C.I. 14130; Ph-CJ-91B; Dipentum. Anti-inflammatory (gastrointestinal). Derivative of salicylic acid. Used in the treatment of ulcerative colitis. Mordant dye for wool.

Yellow powder; soluble in H_2O ; moderately soluble in EtOH. *Ciba-Geigy Corp.; Kabi.*

4703 Orgotein

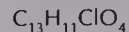
9016-01-7 9177 232-771-6

Member of the superoxide dismutase family, a group of naturally occurring enzymes that act as free oxygen radical scavengers to protect against the effects of biologically generated superoxide oxygen radicals by dismutation to hydrogen peroxide.

Artolasi; Ormetein; Ontosein; Oximorm; Palosein; Peroxinorm. Anti-inflammatory; antirheumatic. Water soluble protein congeners derived from red blood cells, liver, and other tissues. Molecular weight 33000. Copper-Zinc chelate having superoxide dismutase activity. LD_{50} (mus sc) > 5800 mg/kg, (rat sc) > 400 mg/kg, (mus ip) > 60 mg/kg, (rat ip) > 284 mg/kg, (mus iv) > 4000 mg/kg.

4704 Orpanoxin

60653-25-0

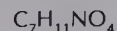


5-(4-Chlorophenyl)- β -hydroxy-furanpropanoic acid.

F-776. Anti-inflammatory. *Norwich Eaton.*

4705 Oxaceprol

33996-33-7 7035 251-780-6

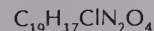


trans-1-Acetyl-4-hydroxy-L-proline.

CO-61; AHP-200; Jonctum. Anti-inflammatory; vulnerary. Derivative of hydroproline. mp = 133-134° (also reported as 126-128°); $[\alpha]_D^{20}$ = -116.5° (c = 3.2); $[\alpha]_D^{18}$ = -119.5° (c = 3.75); soluble in alcohol, H_2O , MeOH; insoluble in CHCl_3 . *Richardson-Merrell.*

4706 Oxametacin

27035-30-9 7048 248-179-6

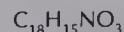


1-(p-Chlorobenzoyl)-5-methoxy-2-methylindole-3-acetohydroxamic acid.

indoxamic acid; Dinulcid; Flogar. Anti-inflammatory. Derivative of indomethacin, a derivative of arylacetic acid. mp = 181-182°; soluble in common organic solvents; LD_{50} (rat oral) = 96 mg/kg.

4707 Oxaprozin

21256-18-8 7057 244-296-1



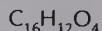
4,5-Diphenyl-2-oxazolepropanoic acid.

WY-21743; Alvo; Daypro; Durapro; Duraprost; Oxapro. Anti-inflammatory. Arylpropionic acid derivative. mp =

160.5-161.5°. *Wyeth Labs.*

4708 Oxepinac

55689-65-1

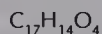


6,11-Dihydro-11-oxodibenz[b,e]oxepin-3-acetic acid.

Anti-inflammatory.

4709 Oxindanac

68548-99-2



($\pm$)-5-Benzoyl-6-hydroxy-1-indancarboxylic acid.

Anti-inflammatory.

4710 Oxolamine

959-14-8 7078 213-493-4



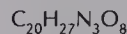
N,N-Diethyl-3-phenyl-1,2,4-oxadiazole-5-ethanamine.

Anti-inflammatory (respiratory). Liquid; bp_{0.04} = 127°.

Angelini Pharmaceuticals, Inc.

4711 Oxolamine Citrate

1949-20-8 7078 217-760-6



N,N-Diethyl-3-phenyl-2-hydroxy-1,2,3-

propanetricarboxylate-1,2,4-oxadiazole-5-ethanamine.

AF-438; Bredon; Broncatar; Perebron; Prilon; Flogobron;

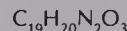
Oxarmin. Anti-inflammatory (respiratory). Crystals; λ_m

(aqueous solution) = 239 nm (ϵ 260), 273 nm; 283 nm;

slightly soluble in H_2O , EtOH. *Angelini Pharmaceuticals, Inc.*

4712 Oxyphenbutazone

129-20-4 7106 204-936-2



4-Butyl-1-(p-hydroxyphenyl)-2-phenyl-3,5-

pyrazolidinedione.

p-hydroxyphenylbutazone; G-27202; Californit; Crovaril;

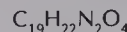
Flogitolo; Flogoril; Fabel; Neo-Farmadol; Oxalid;

Rapostan; Tandacote; Tandearil; Visubutina. Anti-

inflammatory; antirheumatic. A pyrazolone. mp = 124-125°. *Ciba-Geigy Corp.*

4713 Oxyphenbutazone Monohydrate

7081-38-1 7106



4-Butyl-1-(p-hydroxyphenyl)-2-phenyl-3,5-

pyrazolidinedione monohydrate.

Imbun; Phlogistol; Phlogase; Phlogont. Anti-

inflammatory; antirheumatic. A pyrazolone. mp = 96°;

soluble in EtOH, MeOH, CHCl_3 , C_6H_6 , Et_2O . *Ciba-Geigy*

Corp.

4714 Paranyline

1729-61-9 7163



4-(9H-Fluoren-9-

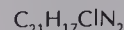
ylidenemethyl)benzenecarboximidamide.

renytoline; 9-(p-guanylbenezal)fluorene; MER-27. Anti-

inflammatory. *Marion Merrell Dow Inc.*

4715 Paranyline Hydrochloride

5585-60-4 7163



4-(9H-Fluoren-9-ylidenemethyl)benzenecarboximidamide

monohydrochloride.

Anti-inflammatory. mp = 308°. *Marion Merrell Dow Inc.*

4716 Parsalimide

30653-83-9 7177 250-274-2

$C_{14}H_{18}N_2O_2$

5-Amino-N-butyl-2-(2-propynyloxy)benzamide.

MY-41-6; Sinovial; Parsal. Anti-inflammatory; analgesic.

Derivative of salicylic acid. mp = 83-85°; λ_m = 220, 327 nm (in absolute alcohol), 284 nm (log ϵ 3.39 in H_2O , pH 2), 313 nm (log ϵ 3.40 in H_2O , pH 8.5); soluble in many organic solvents; slightly soluble in H_2O ; nearly insoluble in petroleum ether, cyclohexane.

4717 Pegorgotein

155773-57-2 9177

Member of the superoxide dismutase family of enzymes.

PEG-SOD; Win-22118; Dismutase. Anti-inflammatory; antirheumatic. Orgotein polyethylene glycol conjugate; molecular weight 71-105 kDa. See orgotein. *Sterling Winthrop, Inc.*

4718 Pentosan Polysulfate

37300-21-3 7276

$[C_5H_8O_{10}S_2]_n$

Xylan hydrogen sulfate.

xylan polysulfate; CB-8061. Anti-inflammatory (interstitial cystitis); antithrombotic. A semi-synthetic sulfated polyxylan polysulfate composed of β -D-xylopyranose residues with properties similar to heparin. Molecular weight 1500-5000.

4719 Pentosan Polysulfate Sodium

116001-96-8 7276

$[C_5H_6NaO_{10}S_2]_n$

Xylan hydrogen sulfate sodium salt.

sodium pentosan polysulfate; sodium xylan polysulfate; PZ-68; SP-54; Cartrophen; Elmiron; Fibrase; Fibrezym; Hémoclar; Thrombocid. Anti-inflammatory (interstitial cystitis); antithrombotic. n_D^{20} (10% aqueous solution) = 1.344; $[\alpha]_D^{20}$ = -57°; pH (10% aqueous solution) 6.0; soluble in H_2O .

4720 Perisoxal

2055-44-9 7318

$C_{16}H_{20}N_2O_2$

3-(2-Piperidino-1-hydroxyethyl)-5-phenylisoxazole.

Anti-inflammatory; analgesic. mp = 107-108°.

4721 Perisoxal Citrate

2139-25-5 7318

$C_{38}H_{48}N_4O_9$

3-(2-Piperidino-1-hydroxyethyl)-5-phenylisoxazole citrate (2:1).

Isoxal. Anti-inflammatory; analgesic. mp = 135-145°;

LD₅₀ (mus sc) = 416 mg/kg.

4722 Phenbutazone Sodium Glycerate

34214-49-8

$C_{21}H_{27}N_2NaO_5$

4-Butyl-3-hydroxy-1,2-diphenyl-3-pyrazolin-5-one sodium salt compound with glycerol (1:1).

G-23872. Anti-inflammatory. A pyrazolone.

4723 Phenyl Acetylsalicylate

134-55-4 7424 205-147-6

$C_{15}H_{12}O_4$

2-(Acetyloxy)benzoic acid phenyl ester.

acetylphenylsalicylate; Acetylsalol; Spiroform; Vesipyrin.

Analgesic, anti-inflammatory; antipyretic. mp = 97°; bp₁₁ = 198°; insoluble in H_2O ; soluble in alcohol, Et_2O .

4724 Phenyl Salicylate

118-55-8 7464 204-259-2

$C_{13}H_{10}O_3$

2-Hydroxybenzoic acid phenyl ester.

Salol. Analgesic, anti-inflammatory; antipyretic. Also used in the manufacture of plastics, laquers, adhesives, waxes,

polishes; used in suntan oils and creams. Has some light absorbing and plasticizer properties. mp = 41-43°; bp₁₂ = 173°; d = 1.25; slightly soluble in H_2O (0.015 g/100 ml); more soluble in alcohol (16.6 g/100 ml), C_6H_6 (66.6 g/100 ml), amyl alcohol (20 g/100 ml), liquid paraffin (10 g/100 ml), almond oil (25 g/100 ml); soluble in Me_2CO , $CHCl_3$, Et_2O , oils.

4725 Piketoprofen

60576-13-8 7576

$C_{22}H_{20}N_2O_2$

m-Benzoyl-N-(4-methyl-2-pyridyl)hydratropamide.

Calmatel (aerosol). Anti-inflammatory (topical). Derivative of arylpropionic acid; derivative of ketoprofen. Oil; soluble in CH_2Cl_2 , EtOH; insoluble in H_2O .

4726 Piketoprofen Hydrochloride

59512-37-7 7576

$C_{22}H_{21}ClN_2O_2$

m-Benzoyl-N-(4-methyl-2-pyridyl)hydratropamide

monohydrochloride.

Calmatel (cream). Anti-inflammatory (topical). Derivative of arylpropionic acid; derivative of ketoprofen. mp = 180-182°.

4727 Pipebuzone

27315-91-9 7610 248-398-7

$C_{25}H_{32}N_4O_2$

4-Butyl-4-[(4-methyl-1-piperazinyl)methyl]-1,2-diphenyl-3,5-pyrazolidinedione.

LD-4644; Elarzone. Anti-inflammatory; analgesic; antipyretic. Derivative of phenylbutazone, an anti-inflammatory agent. A pyrazolone. mp = 129°.

4728 Pirazolac

71002-09-0 7643 275-102-3

$C_{17}H_{12}ClFN_2O_2$

4-(4-Chlorophenyl)-1-(4-fluorophenyl)-1H-pyrazole-3-acetic acid.

ZK-76604. Anti-inflammatory. Arylacetic acid derivative. mp = 148-149°, 135-136°. *Schering AG.*

4729 Pirfenidone

53179-13-8

$C_{12}H_{11}NO$

5-Methyl-1-phenyl-2(1H)pyridone.

AMR-69. Analgesic, anti-inflammatory; antipyretic.

4730 Piroxicam

36322-90-4 7661 252-974-3
 $C_{15}H_{13}N_3O_4S$
 4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide.
 CP-16171; Artroxica; Baxo; Bruxicam; Caliment; Erazon; Feldene; Flogobene; Geldene; Impronta; Larapam; Pirkam; Piroflex; Reudene; Riace; Roxicam; Roxiden; Sasulen; Solocalm; Zunden. Anti-inflammatory. A thiazinecarboxamide. mp = 198-200°; pKa = 6.3 (2:1 dioxane:H₂O); LD₅₀ (mus orl) = 360 mg/kg. *Pfizer Inc.*

4731 Piroxicam Cinnamate

87234-24-0 7661
 $C_{24}H_{19}N_3O_5S$
 4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide cinnamic acid ester.
 cinnoxica; SPA-S-510; Sinartol; Zelis; Zen. Anti-inflammatory. A thiazinecarboxamide. *Pfizer Inc.*

4732 Piroxicam Compound with β-Cyclodextrin

121696-62-6 7661
 $C_{57}H_{83}N_3O_{39}S$
 4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide compound with β-cyclodextrin.
 Brexin; Cicladol; Cycladol. Anti-inflammatory. A thiazinecarboxamide. *Pfizer Inc.*

4733 Piroxicam Olamine

85056-47-9 7661
 $C_{17}H_{20}N_4O_5S$
 4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide compound with 2-aminoethanol.
 CP-16171-85. Anti-inflammatory; analgesic. A thiazinecarboxamide. *Pfizer Inc.*

4734 Pirprofen

31793-07-4 7663 250-805-8
 $C_{13}H_{14}ClNO_2$
 3-Chloro-4-(-3-pyrrolin-1-yl)hydratropic acid.
 Su-21524; Rangasil 400; Rengasil; Seflenyl. Anti-inflammatory. Arylpropionic acid derivative. mp = 98-100°. *Ciba plc.*

4735 Pranoprofen

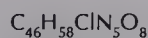
52549-17-4 7890
 $C_{15}H_{13}NO_3$
 α-Methyl-5H-[1]benzopyrano[2,3-b]pyridine-7-acetic acid.
 Y-8004; Niflan. Anti-inflammatory. Arylpropionic acid derivative. mp = 182-183°; LD₅₀ (mmus orl) = 447.3 mg/kg, (mrat orl) = 87.3 mg/kg. *Yoshitomi.*

4736 Prifelone

69425-13-4
 $C_{19}H_{24}O_2S$
 3,5-Di-tert-butyl-4-hydroxyphenyl 2-thienyl ketone.
 R-830; R-830T; S-16820. Anti-inflammatory (dermatologic). *3M Pharmaceuticals.*

4737 Proglumetacin

57132-53-3 7957



3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl DL-4-benz-amido-N,N-dipropylglutaramate 1-(p-chlorobenzoyl)-5-methoxy-2-methylindole-3-acetate (ester).
 Anti-inflammatory. Derivative of indomethacin, a derivative of arylacetic acid.

4738 Proglumetacin Dimaleate

59209-20-4 7957
 $C_{54}H_{66}ClN_5O_{12}$
 3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl DL-4-benz-amido-N,N-dipropylglutaramate 1-(p-chlorobenzoyl)-5-methoxy-2-methylindole-3-acetate (ester) dimaleate.
 protacine; CR-604; Afloxan; Miridacin; Protaxon; Proxil. Anti-inflammatory. Derivative of indomethacin, a derivative of arylacetic acid. mp = 146-148°; LD₅₀ (mmus orl) = 262 mg/kg, (mrat orl) = 450 mg/kg.

4739 Propyphenazone

479-92-5 8056 207-539-2
 $C_{14}H_{18}N_2O$
 4-Isopropyl-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one.
 4-isopropylphenazone; isopropylphenazone; Budirol; Causyth; Cibalgina; Eufibron; Isopropchin. Analgesic; antipyretic; anti-inflammatory. A pyrazolone. mp = 103°; soluble in H₂O (0.24 g/100 g at 16.5°), organic solvents. *Hoffmann-La Roche Inc.*

4740 Proquazone

22760-18-5 8059 245-203-7
 $C_{18}H_{18}N_2O$
 1-Isopropyl-7-methyl-4-phenyl-2(1H)-quinazolinone.
 RU-43-715; Sandoz 43-715; Anthrex; Biarison. Anti-inflammatory. mp = 137-138°; soluble in CHCl₃; insoluble in H₂O. *Sandoz Pharmaceuticals Corp.*

4741 Prospidium Chloride

23476-83-7
 $C_{18}H_{36}Cl_4N_4O_2$
 3,12-Bis(3-chloro-2-hydroxypropyl)-3-,12-diazoniadispiro[5.2.5.2]hexadecane dichloride.
 Anti-inflammatory; antirheumatic; antineoplastic; cytostatic.

4742 Protizinic Acid

13799-03-6 8077 237-453-0
 $C_{17}H_{17}NO_3S$
 7-Methoxy-α,10-dimethylphenothiazine-2-acetic acid.
 17190-RP; Pirocid. Anti-inflammatory. Leukokinin receptor antagonist. mp = 124-125°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

4743 Protizinic Acid

13799-03-6 8077 237-453-0
 $C_{17}H_{17}NO_3S$
 7-Methoxy-α,10-dimethylphenothiazine-2-acetic acid.
 17190-RP; Pirocid. Anti-inflammatory. Arylpropionic acid derivative. mp = 124-125°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

4744 Ramifenazone

3615-24-5 8282 222-791-3
 $C_{14}H_{19}N_3O$
 4-Isopropylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one.

4-isopropylaminoantipyrine; isopropylaminophenazone; isopyrin; component of: Tomanol (with phenylbutazine). Analgesic, anti-inflammatory; antipyretic. A pyrazolone. mp = 80°; LD₅₀ (mus ip) = 843 mg/kg, (mus orl) = 1070 mg/kg.

4745 Rofecoxib

162011-90-7

C₁₇H₁₄O₄S

4-[4-(Methylsulfonyl)phenyl]-3-phenyl-2(5H)-furanone. MK-966; Vioxx. Analgesic, anti-inflammatory. A COX-2 specific inhibitor used in the treatment of osteoarthritis. Sparingly soluble in Me₂CO; slightly soluble in MeOH, isopropyl acetate; very slightly soluble in EtOH; practically insoluble in octanol; insoluble in H₂O. Merck & Co., Inc.

4746 Romazarit

109543-76-2

C₁₅H₁₆ClNO₄

2-[[2-(4-Chlorophenyl)-4-methyl-5-oxazoly]methoxy]-2-methylpropionic acid. Ro-31-3948/000. Anti-inflammatory; antirheumatic. Hoffmann-LaRoche Inc.

4747 S-Adenosylmethionine

29908-03-0

155

249-946-8

C₁₅H₂₂N₆O₅S

(3S)-5'-[(3-Amino-3-carboxylatopropyl)methylsulphonio]-5'-deoxyadenosine.

ademetionine; active methionine; AdoMet; SAME; Donamet; S. Amet; Gumbarel (disulfate ditosylate); Samyr (disulfate ditosylate). Anti-inflammatory. Endogenous methyl donor involved in enzymatic transmethylation reactions. Used in treatment of chronic liver disease. [chloride]: [α]_D²⁵ = +32° (c = 3.3 in H₂O); λ_m = 260 nm (in H₂O); [disulfate ditosylate]: LD₅₀ (mus orl) > 6000 mg/kg. Merck & Co., Inc.

4748 Salacetamide

487-48-9

8471

207-656-9

C₉H₉NO₃

N-Acetyl-2-hydroxybenzamide.

N-acetylsalicylamide; acetsalicylamide; Actylamide. Analgesic, anti-inflammatory; antipyretic. Derivative of salicylic acid. mp = 148°.

4749 Salcolex

28038-04-2

C₂₄H₃₈MgN₂O₁₂S

Choline salicylate (salt) compound with magnesium sulfate (2:1).

Analgesic, anti-inflammatory; antipyretic. Wallace Labs.

4750 Salcolex [anhydrous]

54194-00-2

C₂₄H₄₆MgN₂O₁₆S

Choline salicylate (salt) compound with magnesium sulfate (2:1) tetrahydrate.

Analgesic, anti-inflammatory; antipyretic. Wallace Labs.

4751 Salicylamide

6S-45-2

8480

200-609-3

C₇H₇NO₂

2-Hydroxybenzamide.

Cidal; Salamid; Samid; Salizell; Salymid; Urtosal.

Analgesic. Derivative of salicylic acid. mp = 140°; soluble in H₂O (20 mg/ml), soluble in organic solvents; LD₅₀ (mus orl) = 1.4 g/kg. Lemmon Co.

4752 Salicylamide O-Acetic Acid

25359-22-6

8481

C₉H₉NO₄

[2-(Aminocarbonyl)phenoxy]acetic acid.

o-(carbamylphenoxy)acetic acid. Analgesic, anti-inflammatory; antipyretic. Derivative of salicylic acid. mp = 221°; soluble in aqueous alkali.

4753 Salicylamide O-Acetic Acid Sodium Salt

3785-82-8

8481

C₉H₈NNaO₄

[2-(Aminocarbonyl)phenoxy]acetate sodium salt (1:1).

Salizell ampules. Analgesic, anti-inflammatory; antipyretic. Derivative of salicylic acid. mp = 212-215°.

4754 Salicylsulfuric Acid

89-45-2

8486

C₇H₆NO₆S

2-(Sulfoxy)benzoic acid.

salicylic acid, acid sulfate; salicylic acid sulfuric acid ester. Analgesic; anti-inflammatory. Derivative of salicylic acid.

4755 Salicylsulfuric Acid Sodium Salt

6155-64-2

8486

C₇H₅NNaO₆S

2-(Sulfoxy)benzoate monosodium salt.

sodium salicylsulfate; Salcyl; Salcylux. Analgesic; anti-inflammatory. Derivative of salicylic acid. Soluble in H₂O; insoluble in organic solvents.

4756 Salnacedin

87573-01-1

C₁₂H₁₃NO₅S

N-Acetyl-L-cysteine salicylate.

G-201,SCY. Analgesic; anti-inflammatory. Genta Inc.

4757 Salsalate

552-94-3

8491

209-027-4

C₁₄H₁₀O₅

2-Hydroxybenzoic acid 2-carboxyphenyl ester.

disalicylic acid; salicyloxysalicylic acid; salicylsalicylic acid; NSC-49171; Disalid; Disalgesic; Mono-Gesic; Salflex. Analgesic; anti-inflammatory. Nonacetylated aspirin analog. mp = 148-149°; nearly insoluble in H₂O; sparingly soluble in organic solvents. 3M Health Care Pharmaceuticals; Fisons plc, Pharmaceuticals Div.; Boehringer Mannheim GmbH.

4758 Seclazone

29050-11-1

C₁₀H₈ClNO₃

7-Chloro-3,3a-dihydro-2-methyl-2H,9H-isoxazolo[3,2-b]-[1,3]benzoxazin-9-one.

W-2352. Anti-inflammatory; uricosuric. Wallace Labs.

4759 Sermetacin

5764S-05-3

260-873-0

C₂₂H₂₁ClN₂O₆

N-[[1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indol-3-yl]acetyl]-L-serine.

SH-G-318-AB. Anti-inflammatory. *Schering AG.*

4760 Sodium Gualenate

6223-35-4 4581 228-309-8

$C_{21}H_{21}N_3O_6$

5-Isopropyl-3,8-dimethyl-1-azulenesulfonic acid sodium salt.

guaiazulene 3-sulfonate sodium salt; guaiazulene soluble; Azulon. Anti-inflammatory; antiulcerative. See guaiazulene.

4761 Sudoxicam

34042-85-8

$C_{13}H_{11}N_3O_4S_2$

4-Hydroxy-2-methyl-N-2-thiazolyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide.

CP-15973. Anti-inflammatory. *Pfizer Inc.*

4762 Sulfasalazine

599-79-1 9112 209-974-3

$C_{18}H_{14}N_4O_5S$

5-[(p-(2-Pyridylsulfamoyl)phenyl)azo]salicylic acid.

salazosulfapyridine; salicylazosulfapyridine; sulphasalazine; Azulfidine; Colo-Pleon; Salazopyrin. Anti-inflammatory (gastrointestinal). Derivative of salicylic acid; conjugate of 5-aminosalicylic acid and suphapyridine. Used in the treatment of ulcerative colitis and Crohn's disease. Dec 240-245°; $\lambda_m = 237$ ($E_{1cm}^{1\%}$ 658), 359 nm; slightly soluble in EtOH; nearly insoluble in H_2O , C_6H_6 , $CHCl_3$, Et_2O . *Kabi; Pharmacia & Upjohn, Inc.*

4763 Sulindac

38194-50-2 9155 253-819-2

$C_{20}H_{17}FO_3S$

cis-5-Fluoro-2-methyl-1-[(p-methylsulfinyl)phenyl]-benzylidene]indene-3-acetic acid.

MK-231; Aflodac; Algocetil; Arthrocin; Artribid; Citireuma; Clinoril; Clisundac; Imbaral; Reumofil; Reumyl; Sudac; Sulinol; Sulreuma. Anti-inflammatory.

Arylacetic acid derivative. mp = 182-185°; $\lambda_m = 327$, 285, 256, 226 nm ($E_{1cm}^{1\%}$ 375, 420, 410, 540 0.1N HCl); slightly soluble in H_2O (0.3 g/100 ml, pH 7), similarly soluble in polar organic solvents. *Merck & Co., Inc.*

4764 Suprofen

40828-46-4 9180 255-096-9

$C_{14}H_{12}O_3S$

2-Thenoylhydratropic acid.

sutoprofen; R-25061; Masterfen; Profenol; Srendam; Supranol; Suprol; Sulproltin; Suprocil; Topalgic. Anti-inflammatory; analgesic. Prostaglandin biosynthesis inhibitor. A derivative of arylpropionic acid. mp = 124.3°; pKa = 3.91; $\lambda_m = 266$, 292 nm (ϵ 15700, 15600 0.01N HCL-90% iPrOH); soluble in alcohols, Et_2O , $CHCl_3$, Me_2CO , polyethylene glycol, alkalis; slightly soluble in H_2O ; LD₅₀ (mus orl) = 590 mg/kg, (dog orl) = 160 mg/kg, (rat orl) = 353 mg/kg, (gpg orl) = 280 mg/kg. *Alcon Labs.; Janssen Pharmaceutical, Belgium; McNeil Pharmaceutical.*

4765 Suxibuzone

27470-51-5 9185 248-477-6

$C_{24}H_{26}N_2O_6$

4-Butyl-4-(hydroxymethyl)-1,2-diphenyl-3,5-pyrazolidinedione hydrogen succinate (ester).

AE-17; Calibéne; Danilon; Flogos; Solurol. Anti-inflammatory. A pyrazolone; prudrug of phenylbutazone. mp = 126-127°; soluble in most organic solvents; insoluble in H_2O ; LD₅₀ (mus orl) = 3.06 mg/kg. *Esteve Group.*

4766 Talmetacin

67489-39-8

$C_{27}H_{20}ClNO_6$

(+)-1-(p-Chlorobenzoyl)-5-methoxy-2-methylindole-3-acetic acid ester with 3-hydroxyphthalide.

BA-7605-06. Analgesic, anti-inflammatory; antipyretic. *Lab. Bago, S.A.; Resfar S.R.L.*

4767 Talniflumate

66898-62-2 9214

$C_{21}H_{13}F_3N_2O_4$

Phthalidyl 2-(α,α,α -trifluoro-m-toluidino)nicotinate.

BA-7602-06; Somalgen. Analgesic; anti-inflammatory. Derivative of niflumic acid, an anti-inflammatory agent. An aminoarylcarboxylic acid derivative. mp = 165-166°; $\lambda_m = 287$, 357 nm (ϵ 25600, 7800 $CHCl_3$); LD₅₀ (rat orl) = 1200 mg/kg. *Lab. Bago, S.A.*

4768 Talosalate

66898-60-0

$C_{17}H_{12}O_6$

1,3-Dihydro-3-oxo-1-isobenzofuranyl ester 2-(acetoxy)-benzoic acid.

BA-7604-02. Analgesic; anti-inflammatory. *Lab. Bago, S.A.*

4769 Tebufelone

112018-00-5

$C_{20}H_{28}O_2$

3',5'-Di-tert-butyl-4'-hydroxy-5-hexynophenone.

NE-11740. Analgesic; anti-inflammatory. *Norwich Eaton.*

4770 Tenidap

120210-48-2 9290

$C_{14}H_9ClN_2O_3S$

(Z)-5-Chloro-3-(α -hydroxy-2-thenylidene)-2-oxo-1-indolinecarboxamide.

CP-66248. Anti-inflammatory. Used in the treatment of osteoarthritis and rheumatoid arthritis. mp = 230° (dec). *Pfizer Inc.*

4771 Tenidap Sodium

119784-94-0 9290

(Z)-5-Chloro-3-(α -hydroxy-2-thenylidene)-2-oxo-1-indolinecarboxamide monosodium salt.

CP-66248-2. Anti-inflammatory. Used in the treatment of osteoarthritis and rheumatoid arthritis. mp = 237-238°. *Pfizer Inc.*

4772 Tenoxicam

59804-37-4 9293

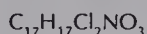
$C_{13}H_{11}N_3O_4S_2$

4-Hydroxy-2-methyl-N-2-pyridyl-2H-thieno[2,3-e]-1,2-thiazene-3-carboxamide 1,1-dioxide.

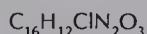
Ro-12-0068; Alganex; Dolmen; Liman; Mobiflex; Rexalgan; Tilatil; Tilcotil. Anti-inflammatory; analgesic. A thiazinecarboxamide. mp = 209-213° (dec). *Hoffmann-LaRoche Inc.*

4773 Terofenamate

29098-15-5 9312 249-434-4

Ethoxymethyl N-(2,6-dichloro-m-tolyl)anthranilate.
etoclofene; Etofen. Anti-inflammatory; analgesic.Aminoarylcarboxylic acid derivative. mp = 73-73°; LD₅₀
(mus orl) = 918 mg/kg, (rat orl) = 307 mg/kg, (mus ip) =
300 mg/kg, (rat ip) = 274 mg/kg. *Lusofarmico*.**4774 Tesicam**

21925-88-2

4'-Chloro-1,2,3,4-tetrahydro-1,3-dioxo-4-
isoquinolinecarboxanilide.CP-13608. Anti-inflammatory. *Pfizer Inc.***4775 Tesimide**

35423-09-7

4-Benzylidene-5,6,7,8-tetrahydro-1,3(2H,4H)-
isoquinolinedione.Anti-inflammatory. *Parke-Davis*.**4776 Tetriprofen**

28168-10-7



p-1-Cyclohexen-1-ylhydratropic acid.

Analgesic; anti-inflammatory.

4777 Thiazolinobutazone

54749-86-9 9443 259-319-0

4-Butyl-1,2-diphenylpyrazolidine-3,5-dione compound
with 4,5-dihydrothiazol-2-amine (1:1).phenylbutazone 2-amino-2-thiazoline salt; TZB; LAS-
11871; Fordonal. Anti-inflammatory. A pyrazolone. mp =
164-166°; LD₅₀ (mus orl) = 1425 mg/kg, (rat orl) = 1650
mg/kg.**4778 Tiaprofenic Acid**

33005-95-7 9562 251-329-3

5-Benzoyl- α -methyl-2-thiopheneacetic acid.FC-3001; RU-15060; Suralgan; Surgam. Anti-
inflammatory. Arylpropionic acid derivative. mp = 96°.
Roussel-UCLAF; C.M. Industries.**4779 Tiaramide**

32527-55-2 9564 251-083-7

4-[(5-Chloro-2-oxo-3-benzothiazolyl)acetyl]-1-
piperazineethanol.tialamide. Antiasthmatic; anti-inflammatory. Arylacetic
acid derivative. pKa = 6.2. *Fujisawa USA, Inc.; Rhône-
Poulenc Rorer Pharmaceuticals Inc.***4780 Tiaramide Hydrochloride**

35941-71-0 9564 252-802-7

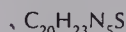
4-[(5-Chloro-2-oxo-3-benzothiazolyl)acetyl]-1-
piperazineethanol monohydrochloride.NTA-194; FK-1160; Solantal. Antiasthmatic; anti-
inflammatory. Arylacetic acid derivative. mp = 159-161°;
pH (10% aqueous solution) = 3.4-3.7; soluble in H₂O;
slightly soluble in organic solvents; LD₅₀ (mmus iv) = 178mg/kg, (mmus ip) = 298 mg/kg, (mmus orl) = 564 mg/kg,
(mrat orl) = 3600 mg/kg. *Fujisawa USA, Inc.; Rhône-
Poulenc Rorer Pharmaceuticals Inc.***4781 Tiflamizole**

62894-89-7

4,5-Bis(p-fluorophenyl)-2-[91,1,2,2-
tetrafluoroethyl)sulfonyl]imidazole.Thioimidazole derivative. Cyclooxygenase inhibitor in
prostaglandin synthesis. Anti-inflammatory; antiarthritic.**4782 Timegadine**

71079-19-1

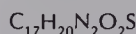
275-184-0

1-Cyclohexyl-2-(2-methyl-4-quinolyl)-3-(2-
thiazolyl)guanidine.SR-1368. A tri-substituted guanidine derivative that
inhibits both arachidonate cyclo-oxygenase and
lipoxygenase activity. Used in treatment of rheumatoid
arthritis. Anti-inflammatory.**4783 Tinoridine**

24237-54-5

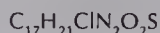
9590

246-102-0

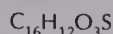
Ethyl 2-amino-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-c]-
pyridine-3-carboxylate.Y-3642. Analgesic, anti-inflammatory; antipyretic.
Arylcarboxylic acid derivative. mp = 112-113°; slightly
soluble in H₂O; LD₅₀ (mus orl) = 5400 mg/kg, (rat orl) >
10200 mg/kg, (mus ip) = 1600 mg/kg, (rat ip) = 1250
mg/kg. *Yoshitomi*.**4784 Tinoridine Hydrochloride**

25913-34-2

9590

Ethyl 2-amino-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-c]-
pyridine-3-carboxylate hydrochloride.Dimaten, Noflamin. Analgesic, anti-inflammatory;
antipyretic. Arylcarboxylic acid derivative. mp = 234-
235° (dec); slightly soluble in MeOH; less soluble in H₂O,
Et₂O, Me₂CO, C₆H₆; LD₅₀ (mus orl) = 1601 mg/kg.
Yoshitomi.**4785 Tiopinac**

61220-69-7



6,11-Dihydro-11-oxodibenzo[b,e]thiepin-3-acetic acid.

RS-40974. Analgesic, anti-inflammatory; antipyretic.
*Syntex Labs. Inc.***4786 Tioxaprofen**

40198-53-6

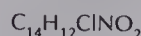
254-834-7

2-[[4,5-Bis-(p-chlorophenyl)-2-oxazolyl]thio]propionic
acid.EMD-26644. Anti-inflammatory; antithrombotic;
antimycotic.**4787 Tolfenamic Acid**

13710-19-5

9650

237-264-3



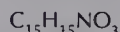
N-(3-Chloro-o-tolyl)anthranilic acid.

GEA-6414; Clotam; Tolfedine; Tolfine. Anti-
inflammatory; analgesic Prostaglandin biosynthesis
inhibitor. Derivative of aminoarylcarboxylic acid. Related

structurally to mefenamic and flufenamic acids, anti-inflammatory agents. mp = 207-207.5°. *Parke-Davis; Gea A/S.*

4788 Tolmetin

26171-23-3 9655 247-497-2

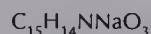


1-Methyl-5-p-toluoylpyrrole-2-acetic acid.

McN-2559. Anti-inflammatory. Arylacetic acid derivative. mp = 155-157°. *McNeil Pharmaceutical.*

4789 Tolmetin Sodium [anhydrous]

35711-34-3 252-687-3



Sodium 1-methyl-5-p-toluoylpyrrole-2-acetic acid.

Anti-inflammatory. Arylacetic acid derivative. *McNeil Pharmaceutical.*

4790 Tolmetin Sodium Dihydrate

64490-92-2 9655

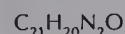


Sodium 1-methyl-5-p-toluoylpyrrole-2-acetic acid dihydrate.

McN-2559-21-98; Reutol; Tolectin; Tolmene. Anti-inflammatory. Arylacetic acid derivative. *McNeil Pharmaceutical.*

4791 Tomoxiprole

76145-76-1

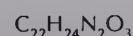


3-Isopropyl-2-(p-methoxyphenyl)-3H-naphth[1,2-d]-imidazole.

MDL-035. Selectively inhibits cyclooxygenase-2. Anti-inflammatory.

4792 Tribuzone

13221-27-7 236-191-4

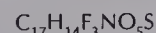


4-(4,4-Dimethyl-3-oxopentyl)-1,2-diphenyl-3,5-pyrazolidinedione.

Anti-inflammatory.

4793 Triflumidate

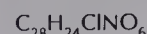
24243-89-8



Ethyl-m-benzoyl-N-[(trifluoromethyl)sulfonyl]carbanilate. BA-4223; MBR-4223. Anti-inflammatory.

4794 Tropesin

65189-78-8 9909 265-607-7

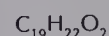


(±)-1-(4-Chlorobenzoyl)-5-methoxy-2-methyl-1H-indole-3-acetic acid 2-carboxy-2-phenyl ester.

Repanidal. Anti-Inflammatory; analgesic. Tropic acid ester of indomethacin, an arylacetic acid derivative. mp = 130-132°, 127-129°, 128-130°; LD₅₀ (frat orl) = 140 mg/kg. *SPOFA.*

4795 Vedaprofen

71109-09-6 275-196-6



(±)-4-Cyclohexyl-α-methyl-1-naphthaleneacetic acid.

CERM-10202; PM-150. Anti-Inflammatory; analgesic. Used in veterinary medicine. *PCAS.*

4796 Ximoprofen

56187-89-4 10211 260-041-7

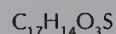


4-[3-(Hydroxyimino)cyclohexyl]-α-methylbenzeneacetic acid.

XIFAM; 13832-JL. Anti-inflammatory. Arylpropionic acid derivative. mp = 178°.

4797 Zaltoprofen

89482-00-8 10244



(±)-10,11-Dihydro-α-methyl-10-oxodibenzo[b,f]thiepin-2-acetic acid.

CN-100. Anti-inflammatory. Arylpropionic acid derivative. (S)-Form possesses anti-inflammatory activity. mp = 130-133°; [(S) form]: mp = 129.5-131°; [α]_D²⁵ = +32.4° (c = 1 in CHCl₃); soluble in Me₂CO, CHCl₃, MeOH; slightly soluble in EtOH, C₆H₆; nearly insoluble in H₂O, cyclohexane. *Nippon Chemiphar.*

4798 Zidometacin

62851-43-8 263-740-5

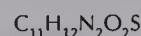


1-(4-Azidobenzoyl)-5-methoxy-2-methyl-1H-indole-3-acetic acid.

Anti-inflammatory. *Pierrel S.p.A.*

4799 Zileuton

111406-87-2 10253



(±)-1-(1-Benzo[b]thien-2-ylethyl)-1-hydroxyurea.

A-64077; Abbott-64077; Leutrol. Antiasthmatic; anti-inflammatory. Inhibitor of 5-lipoxygenase, the initial enzyme in the biosynthesis of leukotrienes from arachidonic acid. mp = 157-158°. *Abbott Labs.*

4800 Zomepirac

33369-31-2 10322 251-474-2



5-(4-Chlorobenzoyl)-1,4-dimethyl-1H-pyrrole-2-acetic acid.

Analgesic; anti-inflammatory. Arylacetic acid derivative. mp = 178-179°. *McNeil Pharmaceutical.*

4801 Zomepirac Sodium [anhydrous]

64092-48-4 10322 264-669-2

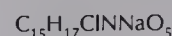


5-(4-Chlorobenzoyl)-1,4-dimethyl-1H-pyrrole-2-acetic acid sodium salt.

Analgesic; anti-inflammatory. Arylacetic acid derivative. *McNeil Pharmaceutical.*

4802 Zomepirac Sodium Dihydrate

64092-49-5 10322



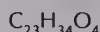
5-(4-Chlorobenzoyl)-1,4-dimethyl-1H-pyrrole-2-acetic acid sodium salt dihydrate.

McN-2783-21-98; Zomax; Zomaxin; Zopirac. Analgesic; anti-inflammatory. Arylacetic acid derivative. mp = 295-296°. *McNeil Pharmaceutical.*

Anti-inflammatories, Steroidal

4803 21-Acetoxypregnenolone

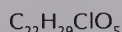
566-78-9 77 209-298-9



(3 β)-21-(Acetyloxy)-3-hydroxypregn-5-en-20-one. prebediolone acetate; A.O.P.; Acetoxanon; Artixone acetate. Anti-inflammatory. mp = 184-185°; very slightly soluble in Et₂O, C₅H₁₂; soluble in CHCl₃, C₇H₈. Schering Corp.

4804 Alclometasone

67452-97-5 221

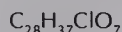


7 α -Chloro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione.

7 α -chloro-16 α -methylprednisolone. Anti-inflammatory (topical). Non-fluorinated corticosteroid with low systemic effects. mp = 176-179°; [α]_D²⁶ = +47.5° (c = 3 DMF); λ_m = 242 nm (ϵ 15500 MeOH). Glaxo Labs.; Schering Corp.

4805 Alclometasone Dipropionate

66734-13-2 221 266-464-3

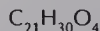


7 α -Chloro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 17,21-dipropionate.

Sch-22219; Aclovate; Vadem. Anti-inflammatory (topical). mp = 212-216°; [α]_D²⁶ = +42.6° (c = 3 DMF); λ_m = 242 nm (ϵ 15600 MeOH). Glaxo Labs.; Schering Corp.

4806 Algestone

595-77-7 238 209-869-2

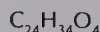


16 α ,17-Dihydroxypregn-4-ene-3,20-dione.

alphasone; 16 α ,17-dihydroxyprogesterone. Anti-inflammatory. mp = 225°; [α]_D²² = +95° (c = 0.81 CHCl₃); λ_m = 240 nm (ϵ 16600). Olin Research Ctr.; Searle, G.D., & Co.

4807 Algestone Acetonide

4968-09-6 238 225-608-5



16 α ,17-Dihydroxypregn-4-ene-3,20-dione cyclic acetal with acetone.

alphasone acetonide. Anti-inflammatory (topical). A progestational steroid. mp = 210°; [α]_D²⁰ = 137° (c = 0.7 CHCl₃). Olin Research Ctr.; Parke-Davis; Searle, G.D., & Co.

4808 Amcinafal

3924-70-7 223-497-8



(R)-9-Fluoro-11 β ,16 α ,17,21-tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17-acetal with 3-pentanone. SQ-15102. Anti-inflammatory. Bristol-Myers Squibb Co.

4809 Amcinafide

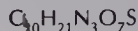
7332-27-6



(R)-9-Fluoro-11 β ,16 α ,17,21-tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17-acetal with acetophenone. SQ-15112. Anti-inflammatory. Bristol-Myers Squibb Co.

4810 Ampiroxicam

99464-64-9 629



($\pm$)-4-(1-Hydroxyethoxy)-2-methyl-N-2-pyridyl-2H-1,2-benzothiazine-3-carboxamide ethyl carbonate (ester) 1,1-dioxide.

CP-65703; Flucam; Nasil. Anti-inflammatory. Prodrug of piroxicam. mp = 159-161°; LD₅₀ (mmus orl) = 1798 mg/kg, (fmus orl) = 747 mg/kg. Pfizer Inc.

4811 Beclomethasone

4419-39-0 1047 224-585-9

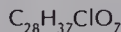


9-Chloro-11 β ,17,21-trihydroxy-16 β -methyl-pregna-1,4-diene-3,20-dione.

9 α -chloro-16 β -methylprednisolone; beclomethasone. Antiallergic; antiasthmatic (inhalant); anti-inflammatory. Glucocorticoid. Glaxo Labs.; Merck & Co., Inc.; Schering Corp.

4812 Beclomethasone Dipropionate

5534-09-8 1047 226-886-0



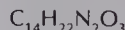
9-Chloro-11 β ,17,21-trihydroxy-16 β -methyl-pregna-1,4-diene-3,20-dione 17,21-dipropionate.

Sch-8020W; Aerobec; Aldecin; Anceron; Andion; Beclovent Inhaler; Beclacin; Belcoforte; Belcomet; Belchlorhinol; Becloval; Becodisks; Beconase; Becotide; Clenil-A; Entyderma; Inalone O; Inalone R; Korbutone; Propaderm; Rino-Clenil; Sanasthmax; Sanasthymyl; Vancenase; Vanceril; Viarex; Viarox. Antiallergic; antiasthmatic (inhalant); anti-inflammatory.

Glucocorticoid. mp = 117-120°; [α]_D = 98° (c = 1 dioxane); λ_m = 238 nm (ϵ 15990 EtOH). Glaxo Labs.; Merck & Co., Inc.; Schering Corp.

4813 Bucolome

841-73-6 1487 212-666-1

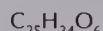


5-Butyl-1-cyclohexylbarbituric acid.

BCP; Paramidin. Anti-inflammatory. mp = 84°; bp_{0.8} = 185-197°. Takeda.

4814 Budesonide

51333-22-3 1490 257-139-7

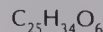


(R,S)-11 β ,16 α ,17,21-Tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17-acetal with butyraldehyde.

S-1320; Bidien; Budeson; Cortivent; Micronyl; Preferid; Pulmicort; Rhinocort; Spirocort. Anti-inflammatory. Non-halogenated glucocorticoid related to triamcinolone hexacetonide with a high ratio of topical to systemic activity. A mixture of two isomers in which the S-isomer varies between 40-51%. mp = 221-232° (dec).

4815 R-Budesonide

51372-29-3 1490

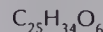


11 β ,16 α (R),17,21-Tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17-acetal with butyraldehyde.

Anti-inflammatory.

4816 S-Budesonide

51372-28-2 1490



11 β ,16 α (S),17,21-Tetrahydroxypregna-1,4-diene-3,20-

dione cyclic 16,17-acetal with butyraldehyde.
Anti-inflammatory.

4817 Clobetasol

25122-41-2 2423 246-633-8
 $C_{22}H_{28}ClFO_4$
 (11 β ,16 β)-21-Chloro-9-fluoro-11,17-dihydroxy-16-methylpregna-1,4-diene-3,20-dione.
 Anti-inflammatory. Glucocorticoid. *Glaxo Labs.*

4818 Clobetasol Propionate

25122-46-7 2423 246-634-3
 $C_{25}H_{32}ClFO_5$
 (11 β ,16 β)-21-Chloro-9-fluoro-11,17-dihydroxy-16-methylpregna-1,4-diene-3,20-dione 17-propionate.
 CCI-4725; GR-2/925; Clobesol; Dermoval; Dermovate; Dermoxin; Dermoxinale; Temovate. Anti-inflammatory.
 Glucocorticoid. mp = 195.5-197°; $[\alpha]_D = +103.8^\circ$ (c = 1.04 dioxane); $\lambda_m = 237$ nm (ϵ 15000 EtOH). *Glaxo Labs.*

4819 Clobetasone

54063-32-0 2424 258-953-5
 $C_{22}H_{26}ClFO_4$
 (16 β)-21-Chloro-9-fluoro-17-hydroxy-16-methylpregna-1,4-diene-3,11,20-trione.
 21-chloro-11-dehydrobetamethasone. Anti-inflammatory.
 Glucocorticoid. *Glaxo Labs.*

4820 Clobetasone Butyrate

25122-57-0 2424 246-635-9
 $C_{26}H_{32}ClFO_5$
 (16 β)-21-Chloro-9-fluoro-17-hydroxy-16-methylpregna-1,4-diene-3,11,20-trione 17-butyrate.
 CCI-5537; GR-2/1214; Emovate; Eumovate; Molivate.
 Anti-inflammatory. Glucocorticoid. mp = 90-100°. *Glaxo Labs.*

4821 Cloticasone

87556-66-9
 $C_{22}H_{27}ClF_2O_5S$
 S-(Chloromethyl) 6 α ,9-difluoro-11 β ,17-dihydroxy-16 α -methyl-3-oxoandrost-1,4-diene-17 β -carbothioate.
 Anti-inflammatory. *Glaxo Labs.*

4822 Cloticasone Propionate

80486-69-7
 $C_{25}H_{31}ClF_2O_5S$
 S-(Chloromethyl) 6 α ,9-difluoro-11 β ,17-dihydroxy-16 α -methyl-3-oxoandrost-1,4-diene-17 β -carbothioate 17-propionate.
 CCI-18773. Anti-inflammatory. *Glaxo Labs.*

4823 Cormethasone

35135-68-3
 $C_{22}H_{25}F_3O_4$
 6,6,9-Trifluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione.
 Anti-inflammatory (topical). *Syntex Labs. Inc.*

4824 Cormethasone Acetate

35135-67-2
 $C_{24}H_{29}F_3O_6$
 6,6,9-Trifluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-acetone.

RS-3694R. Anti-inflammatory (topical). *Syntex Labs. Inc.*

4825 Cortodoxone

152-58-9 205-805-2
 $C_{21}H_{30}O_4$
 17,21-Dihydroxypregn-4-ene-3,20-dione.
 SKF-3050; NSC-18317. Anti-inflammatory. *SmithKline Beecham Pharmaceuticals.*

4826 Deflazacort

14484-47-0 2916 238-483-7
 $C_{25}H_{31}NO_6$
 (11 β ,16 β)-21-(Acetyloxy)-11-hydroxy-2'-methyl-5'H-pregna-1,4-dieno[16,17-doxazole-3,20-dione].
 oxazacort; azacort; DL-458-IT; L-5458; MDL-458; Calcort; Deflan; Dezacor; Flantadin; Lantadin. Anti-inflammatory; glucocorticoid. Systemic corticosteroid; oxazoline derivative of prednisolone. mp = 255-256.5°; $[\alpha]_D = +62.3^\circ$ (c = 0.5 $CHCl_3$); $\lambda_m = 241-242$ nm ($E_{1cm}^{1\%}$ 352.5 MeOH); LD₅₀ (mus orl) = 5200 mg/kg. *Gruppo Lepetit S.p.A.; Marion Merrell Dow Inc.*

4827 Desonide

638-94-8 2973 211-351-6
 $C_{24}H_{32}NO_6$
 (11 β ,16 α)-11,21-Dihydroxy-16,17-[(1-methylethylidene)-bis(oxy)]pregna-1,4-diene-3,20-dione.
 prednacinolone; D-2083; Locapred; Sterax; Steroderm; Topifug; Tridesilon. Anti-inflammatory. mp = 274-275°, 263-266°; $[\alpha]_D^{25} = +123^\circ$ (c = 0.5 DMF); $\lambda_m = 242$ nm ($E_{1cm}^{1\%}$ 356); LD₅₀ (mus sc) = 93 mg/kg. *American Cyanamid; Galderma Labs., Inc.; Miles; Squibb, E.R. & Sons.*

4828 Dexamethasone

50-02-2 2986 200-003-9
 $C_{22}H_{29}FO_5$
 9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione.
 hexadecadrol; Aeroseb-Dex; Corson; Cortisumman; Decacort; Decaderm; Decadron; Decalix; Decasone; Dekacort; Deltafluorene; Deronil; Deseronil; Dexacortal; Dexacortin; Dexafarma; Dexamamallet; Dexameth; Dexamonozon; Dexapos; Dexam-sine; Dexasone; Dexinoral; Dinormon; FLuormone; Isopto-Dex; Lokalison F; Loverine; Luxazone; Maxidex; Millicorten; Pet-Derm III; component of: Azimycin, Azium, Deronil, Dexacidin, Fulvidex, Maxitrol, Naquasone, Tobradex, Tresaderm. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). mp = 262-264°, 268-271°; $[\alpha]_D^{25} = -7.5^\circ$ (in dioxane); somewhat soluble in H_2O (0.1 mg/ml 25°); soluble in Me_2CO , EtOH, $CHCl_3$. *Alcon Labs.; Herbert; Iolab; Merck & Co., Inc.; Organon Inc.; Schering Corp.; Solvay Pharmaceuticals; Farmitalia, Societa Farmaceutici; Upjohn Ltd.*

4829 Dexamethasone Acefurate

83880-70-0 2986
 $C_{29}H_{33}FO_8$
 9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 17-(2-furoate).
 Sch-31353. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Schering Corp.*

4830 Dexamethasone Acetate

1177-87-3 2986 214-646-8

$C_{24}H_{31}FO_6$
9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-acetate.
Decadronal; Dectancy; Dexacortisyl. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). mp = 215-221°, 229-231°, 238-240°; $[\alpha]_D^{25} = +73^\circ$ (in $CHCl_3$); $\lambda_m = 239$ nm (ϵ 14900). *Forest Pharmaceuticals Inc.; Merck & Co., Inc.*

4831 Dexamethasone Acetate Monohydrate
55821-90-3 2986

$C_{24}H_{33}FO_7$
9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-acetate monohydrate.
Dalalone DP; Dalalone LA; Decadron-LA. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Forest Pharmaceuticals Inc.; Merck & Co., Inc.*

4832 Dexamethasone Diethylaminoacetate
2986

$C_{28}H_{41}FNO_6$
9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-diethylaminoacetate.
Solu-Forte-Cortin. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Merck & Co., Inc.*

4833 Dexamethasone Dimethylbutyrate
2986

$C_{28}H_{39}FO_6$
9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-(3,3-dimethylbutyrate).
dexamethasone tert-butylacetate; Decadron TBA. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Merck & Co., Inc.*

4834 Dexamethasone Dipropionate
55541-30-5 2986 259-699-8

$C_{28}H_{37}FO_7$
9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 17,21-dipropionate.
ST12; THS-101; Methaderm. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Hovione.*

4835 Dexamethasone Isonicotinate
2265-64-7 2986 218-866-5

$C_{28}H_{32}FNO_6$
9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-(4-pyridinecarboxylate).
dexamethasone 21-isonicotinate; Auxilison; Ausixone; Voren. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). mp = 250-252°; $[\alpha]_D^{27} = +183.5^\circ$ (in dioxane). *Merck & Co., Inc.*

4836 Dexamethasone Palmitate
2986

$C_{38}H_{57}FO_7$
9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-palmitate.
Limethasone. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Merck & Co., Inc.*

4837 Dexamethasone Sodium Phosphate
2392-39-4 2986 219-243-0

$C_{22}H_{28}FNa_2O_8P$
9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-(dihydrogen phosphate) disodium salt.
dexamethasone 21-phosphate disodium salt; dexamethasone 21-(dihydrogen phosphate) disodium salt; Ak-Dex; Baldex; Colvasone; Dalalone; Decadron; Dexabene; Dezone; Fortecortin; Hexadrol; Oradexon; Orgadron; Solu-Decadron; Soldesam; component of: NeoDecadron. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression).
Injectable form of dexamethasone. mp = 233-235°; $[\alpha]_D = +57^\circ$ (in H_2O); $\lambda_m = 238-239$ nm (ϵ 14000); soluble in H_2O . *American Cyanamid; Forest Pharmaceuticals Inc.; Organon Inc.; Merck & Co., Inc.*

4838 Diflorasone

2557-49-5 3186 219-875-7

$C_{22}H_{28}F_2O_5$
(6 α ,11 β ,16 β)-6,9-Difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione.
6 α ,9 α -difluoro-16 β -methylprednisolone. Anti-inflammatory (topical); glucocorticoid. The 16 β -analog of flumethasone, a glucocorticoid. *Merck & Co., Inc.; Pfizer Inc.; Upjohn Ltd.*

4839 Diflorasone Diacetate

33564-31-7 3186 251-575-1

$C_{26}H_{32}F_2O_7$
(6 α ,11 β ,16 β)-17,21-Bis(acetyloxy)-6,9-difluoro-11-hydroxy-16-methylpregna-1,4-diene-3,20-dione.
U-24865; Dermaflor; Diacort; Difulal; Florone; Maxiflor; Psorcon; Soriflor. Anti-inflammatory (topical); glucocorticoid. mp = 221-223 (dec); $[\alpha]_D = +61^\circ$ (in $CHCl_3$); $\lambda_m = 238$ nm (ϵ 17250). *Dermik Labs., Inc.; ABIC; Merck & Co., Inc.; Pfizer Inc.; Upjohn Ltd.*

4840 Diflucortolone

2607-06-9 3189

$C_{22}H_{28}F_2O_4$
(6 α ,11 β ,16 α)-6,9-Difluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione.
Anti-inflammatory. Glucocorticoid. The 9 α -fluoro derivative of fluocortolone. mp = 240-244° (also reported as 248-249°); $[\alpha]_D^{22} = +111^\circ$ (in MeOH); $\lambda_m = 237$ nm (ϵ 16600). *Schering Corp.*

4841 Diflucortolone Pivalate

15845-96-2 3189

$C_{27}H_{36}F_2O_5$
(6 α ,11 β ,16 α)-6,9-Difluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione 21 pivalate.
SH-968; Neribas; Neriforte; Nerisona; Nerisone; Temetex; Texmeten. Anti-inflammatory. Glucocorticoid. mp = 195-195.5°; $[\alpha]_D^{22} = +100.8^\circ$ (in dioxane); LD₅₀ (mus orl) > 4000 mg/kg, (rat orl) = 3100 mg/kg, (mus sc) = 180 mg/kg, (rat sc) = 13 mg/kg, (mus ip) = 450 mg/kg, (rat ip) = 98 mg/kg. *Schering Corp.*

4842 Difluprednate

23674-86-4 3194 245-815-4

$C_{27}H_{34}F_2O_7$
(6 α ,11 β)-21-(Acetyloxy)-6,9-difluoro-11-hydroxy-17-(1-

oxobutoxy)pregna-1,4-diene-3,20-dione.
CM-9155; W-6309; Epitopic; Myser. Anti-inflammatory.
mp = 191-194°; $[\alpha]_D^{22} = +31.7^\circ$ (c = 0.5 dioxane); $\lambda_m = 237-238$ nm ($E_{1cm}^{1\%} = 320$). *Witco Chemical Corp.*

4843 Drocenonide

36637-22-6 219-093-6
 $C_{24}H_{35}FO_6$
9-Fluoro-11 β ,16 α ,17,21-tetrahydroxy-5 α -pregnane-3,20-dione cyclic 16,17-acetal with acetone.
Anti-inflammatory. *Bristol-Myers Squibb Co.*

4844 Endrysone

35100-44-8 252-362-6
 $C_{22}H_{30}O_3$
(6 α ,11 β)-11-Hydroxy-6-methylpregna-1,4-diene-3,20-dione.
endrisone. Anti-inflammatory (topical, ophthalmic). *Lark, S.p.A.*

4845 Enoxolone

471-53-4 3628 207-444-6
 $C_{30}H_{46}O_4$
(3 β ,20 β)-3-Hydroxy-11-oxoolean-12-en-29-oic acid.
glycyrrhetic acid; 18 β -glycyrrhetic acid; uralenic acid; Arthrodont; Biosone; P.O. 12. Anti-inflammatory (topical). mp = 296°; $[\alpha]_D^{21} = +86^\circ$ (in EtOH); soluble in $CHCl_3$, dioxane, C_5H_5N , AcOH; nearly insoluble in petroleum ether. *Farmitalia Carlo Erba SpA.*

4846 Fluazacort

19888-56-3 4151 243-400-2
 $C_{25}H_{30}FNO_6$
(11 β ,16 β)-21-(Acetyloxy)-9-fluoro-11-hydroxy-2'-methyl-5'H-pregna-1,4-dieno[17,16-d]oxazole-3,20-dione.
L-6400; Azacortid. Anti-inflammatory. Neuroleptic and antipsychotic. mp = 252-255°; $[\alpha]_D = +54.8$ (c = 0.5 $CHCl_3$); $\lambda_m = 238-240$ nm ($E_{1cm}^{1\%}$ 330 MeOH). *Gruppo Lepetit S.p.A.; Marion Merrell Dow Inc.*

4847 Flumethasone

2135-17-3 4173 218-370-9
 $C_{22}H_{28}F_2O_5$
(6 α ,11 β ,16 α)-6,9-Difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione.
flumetasone; 6 α -fluorodexamethazone; U-10974; NSC-5402; Aniprome; Cortexilar; Flucort; Methagon.
Glucocorticoid; anti-inflammatory. *Upjohn Ltd.*

4848 Flumethasone Acetate

4173
 $C_{24}H_{30}F_2O_6$
(6 α ,11 β ,16 α)-6,9-Difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-acetate.
flumetasone 1-acetate. Glucocorticoid; anti-inflammatory. mp = 260-264°; $[\alpha]_D = 91^\circ$ (in EtOH); $\lambda_m = 237$ nm (log ϵ 4.16). *Upjohn Ltd.*

4849 Flumethasone Pivalate

2002-29-1 4173 218-370-9
 $C_{27}H_{36}F_2O_6$
(6 α ,11 β ,16 α)-6,9-Difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-pivalate.
flumetasone 21-pivalate; NSC-107680; Locacorten

(obsolete); Locorten; Lorinden; Losalen. Glucocorticoid; anti-inflammatory. *Upjohn Ltd.*

4850 Fluocinolone Acetonide

67-73-2 4185 200-668-5
 $C_{24}H_{30}F_2O_6$
(6 α ,11 β ,16 α)-6,9-Difluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione.
NSC-92339; Coriphate; Cortiplastol; Dermalar; Fluonid; Fluovitef; Fluvean; Fluzon; Jellin; Localyn; Synalar; Synamol; Synandone; Synemol; Synotic; Symsac; component of: N-Synalar. Glucocorticoid; anti-inflammatory. mp = 265-266°; $[\alpha]_D = 95^\circ$ (in $CHCl_3$); $\lambda_m = 238$ nm (log ϵ 4.21). *Lemmon Co.; Syntex Labs. Inc.*

4851 Fluocinonide

356-12-7 4186 206-597-6
 $C_{26}H_{32}F_2O_7$
(6 α ,11 β ,16 α)-21-(Acetyloxy)-6,9-difluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione cyclic 16,17-acetal with acetone.
fluocinolide (obsolete); fluocinolide acetate (obsolete); fluocinolone acetonide acetate; NSC-101791; Biscosal; Dermaplus; Lidex; Metosyn; Synalate (obsolete); Straderm; Topsymin; Topsymin; Topsyne; Topsyne. Anti-inflammatory; glucocorticoid. mp = 308-311°; $[\alpha]_D = 83^\circ$ (in $CHCl_3$); $\lambda_m = 237$ nm (log ϵ 4.18). *Olin Research Ctr.; Syntex Labs. Inc.; Pharm. Res. Products.*

4852 Fluocortin

33124-50-4 4187 251-383-8
 $C_{22}H_{27}FO_5$
(6 α ,11 β ,16 α)-6-Fluoro-11-hydroxy-16-methyl-3,20-dioxopregna-1,4-dien-21-oic acid.
Anti-inflammatory. *Schering AG.*

4853 Fluocortin Butyl

41767-29-7 4187 255-543-8
 $C_{26}H_{35}FO_5$
(6 α ,11 β ,16 α)-6-Fluoro-11-hydroxy-16-methyl-3,20-dioxopregna-1,4-dien-21-oic acid butyl ester.
SH K 203; Varlane; Vaspit. Anti-inflammatory. The butyl ester derivative of fluocortolone-21-acid, a metabolite of fluocortolone, a glucocorticoid. mp = 191.5°; $[\alpha]_D^{25} = +136^\circ$ (c = 0.5 $CHCl_3$); $\lambda_m = 242$ nm (ϵ 16800 in MeOH); soluble in $CHCl_3$, EtOH; nearly insoluble in ethyl ether; LD_{50} (mus, rat orl, sc) > 4000 mg/kg. *Schering AG.*

4854 Fluorometholone

426-13-1 4213 207-041-5
 $C_{22}H_{29}FO_4$
(6 α ,11 β)-9-Fluoro-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione.
Fluormetholon; Cortilet; Delmeson; Efflumidex; Fluaton; Fluormetholon; Fluor-Op; FML; FML Forte; FML Liquifilm; FML S.O.P.; Lotocort; Oxyllone; Ursnon; component of: FML-S Liquifilm, Neo-Oxyllone. Glucocorticoid; anti-inflammatory. mp = 292-303°. *Allergan, Inc.; Iolab; Upjohn Ltd.*

4855 Fluorometholone Acetate

3801-06-7 4213 223-270-3
 $C_{24}H_{31}FO_5$
(6 α ,11 β)-9-Fluoro-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione 17-acetate.

U-17323; Flarex; component of: Tobrasone.
Glucocorticoid; anti-inflammatory. mp = 230-232°; $[\alpha]_D^{25} = +28^\circ$ (in CHCl_3). *American Cyanamid; Upjohn Ltd.*

4856 Flurandrenolide

1524-88-5 4232 216-196-8
 $\text{C}_{24}\text{H}_{33}\text{F}_2\text{O}_6$
(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregn-4-ene-3,20-dione. flurandrenolone; flurandrenolone; flurandrenolone acetate (obsolete); fludroxycortide; Cordran; Drenison; Drocort; Haelan; Sermaka. Glucocorticoid; anti-inflammatory. mp = 247-255°; $[\alpha]_D^{25} = +140$ -150° (in CHCl_3); $\lambda_m = 236$ nm (log ϵ 4.17). *Eli Lilly & Co.; Syntex Labs. Inc.*

4857 Fluticasone

90566-53-3 4244
 $\text{C}_{25}\text{H}_{31}\text{F}_3\text{O}_5\text{S}$
S-Fluoromethyl 6 α ,9-difluoro-11 β ,17-dihydroxy-16 α -methyl-3-oxoandrosta-1,4-diene-17 β -carbothioic acid. Antiallergic; anti-inflammatory. Derivative of flumethasone. *Glaxo Labs.*

4858 Fluticasone Propionate

80474-14-2 4244
 $\text{C}_{22}\text{H}_{27}\text{F}_3\text{O}_4\text{S}$
S-Fluoromethyl 6 α ,9-difluoro-11 β ,17-dihydroxy-16 α -methyl-3-oxoandrosta-1,4-diene-17 β -carbothioate 17-propionate. CCI-18781; Cutivate; Flixonase; Flixotide; Flovent; Flunase. Antiallergic; anti-inflammatory. mp = 272-273° (dec); $[\alpha]_D^{25} = +30^\circ$ (c = 0.35). *Glaxo Labs.*

4859 Halcinonide

3093-35-4 4621 221-439-6
 $\text{C}_{24}\text{H}_{32}\text{ClFO}_5$
(11 β ,16 α)-21-Chloro-9-fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregn-4-ene-3,20-dione. SQ-18566; Halciderm; Halcimat; Halog. Anti-inflammatory (topical). mp = 264-265° (dec); $[\alpha]_D^{25} = +155^\circ$ (in CHCl_3); $\lambda_m = 238$ nm (ϵ 16400 MeOH); soluble in Me_2CO ; CHCl_3 , DMSO; slightly soluble in C_6H_6 , EtOH, Et_2O , MeOH; insoluble in H_2O , 0.1M HCl, 0.1M NaOH; LD₅₀ (mus ip) = 150 mg/kg. *Bristol-Myers Squibb Co.*

4860 Halobetasol

98651-66-2 4625
 $\text{C}_{22}\text{H}_{27}\text{ClF}_2\text{O}_4$
21-Chloro-6 α ,9-difluoro-11 β ,17-dihydroxy-16 β -methylpregna-1,4-diene-3,20-dione. ulobetasol. Anti-inflammatory. *Ciba-Geigy Corp.*

4861 Halobetasol Propionate

66852-54-8 4625
 $\text{C}_{25}\text{H}_{31}\text{ClF}_2\text{O}_5$
(6 α ,11 β ,16 β)-21-Chloro-6,9-difluoro-11-hydroxy-16-methyl-17-(1-oxopropoxy)pregna-1,4-diene-3,20-dione. ulobetasol propionate; BMY-30056; CGP-144S8; Ultravate. Anti-inflammatory. Trihalogenated corticosteroid structurally related to clobetasol. mp = 220-221°. *Ciba-Geigy Corp.; Westwood-Squibb*

Pharmaceuticals, Inc.

4862 Halometasone

50629-82-8 4628 256-664-9
 $\text{C}_{22}\text{H}_{27}\text{ClF}_2\text{O}_5$
(6 α ,11 β ,16 α)-2-Chloro-6,9-difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione. 2-chloroflumetasone; C-48401-Ba. Anti-inflammatory (topical); antipruritic. Synthetic corticosteroid. mp = 220-222°. *Ciba-Geigy Corp.*

4863 Halopredone

57781-15-4 4630 260-953-5
 $\text{C}_{21}\text{H}_{25}\text{BrF}_2\text{O}_5$
(6 β ,11 β)-2-Bromo-6,9-difluoro-11,17,21-trihydroxypregna-1,4-diene-3,20-dione. Anti-inflammatory (topical). *Pierrel S.p.A.*

4864 Halopredone Acetate

57781-14-3 4630 260-951-4
 $\text{C}_{25}\text{H}_{29}\text{BrF}_2\text{O}_7$
(6 β ,11 β)-2-Bromo-6,9-difluoro-11,17,21-trihydroxypregna-1,4-diene-3,20-dione 17,21-diacetate. Haloart; Topicon. Anti-inflammatory (topical). mp = 290-292°; $[\alpha]_D^{24} = -36^\circ$ (c = 1 CHCl_3); $\lambda_m = 246$ nm (ϵ 12500 MeOH). *Pierrel S.p.A.*

4865 Isoflupredone

338-95-4 5190 206-422-3
 $\text{C}_{21}\text{H}_{27}\text{FO}_5$
(11 β)-9-Fluoro-11,17,21-trihydroxypregna-1,4-diene-3,20-dione. 9-fluoroprednisolone. Anti-inflammatory (veterinary). mp = 263-266° (dec), 274-275° (dec); $[\alpha]_D^{23} = +108^\circ$ (c = 0.611 EtOH), $[\alpha]_D^{23} = +94^\circ$ (in alcohol); $\lambda_m = 240$ nm (ϵ 15800 EtOH). *Ciba plc; Schering Corp.*

4866 Isoflupredone Acetate

338-98-7 5190 206-423-9
 $\text{C}_{23}\text{H}_{29}\text{FO}_6$
(11 β)-9-Fluoro-11,17,21-trihydroxypregna-1,4-diene-3,20-dione 21-acetate. U-6013; Predef. Anti-inflammatory (veterinary). mp = 244-246° (dec); $[\alpha]_D^{23} = +108^\circ$ (c = 0.73S dioxane); $\lambda_m = 240$ nm (ϵ 16250 EtOH). *Ciba plc; Schering Corp.; Upjohn Ltd.*

4867 Loteprednol

129260-79-3 5614
 $\text{C}_{21}\text{H}_{27}\text{ClO}_4$
(11 β ,17 α)-11-Hydroxy-3-oxoandrosta-1,4-diene-17-carboxyl. Anti-inflammatory (topical). *Otsuka America Pharmaceuticals, Inc.*

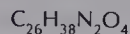
4868 Loteprednol Etabonate

82034-46-6 S614
 $\text{C}_{24}\text{H}_{31}\text{ClO}_7$
(11 β ,17 α)-17-[(Ethyoxycarbonyl)oxy]-11-hydroxy-3-oxoandrosta-1,4-diene-17-carboxylic acid chloromethyl ester. CDDD-S604; HGP-1; P-S604; Lenoxin. Anti-inflammatory (topical). Ophthalmic corticosteroid. mp = 220.5-223.5°; very slightly soluble in H_2O (0.00005 g/100 ml at 25°); more soluble in 50% propylene glycol

and H₂O (0.0037 g/100 ml); lipophilicity (log K) = 3.04.
Otsuka America Pharmaceuticals, Inc.; Xenon Vision.

4869 Mazipredone

13085-08-0 5802



(11β)-11,17-Dihydroxy-21-(4-methyl-1-piperazinyl)-pregna-1,4-diene-3,20-dione.

Anti-inflammatory. Dec 199°. Pfizer Inc.

4870 Mazipredone Hydrochloride

60-39-3 5802 200-475-6

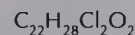


(11β)-11,17-Dihydroxy-21-(4-methyl-1-piperazinyl)-pregna-1,4-diene-3,20-dione monohydrochloride.

Depresolone. Anti-inflammatory. Dec 246°; soluble in H₂O. Pfizer Inc.

4871 Meclorisona

4732-48-3

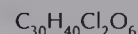


9,11β-Dichloro-17,21-dihydroxy-16α-methylpregna-1,4-diene-3,20-dione.

Anti-inflammatory (topical). Schering Corp.

4872 Meclorisona Dibutyrate

10549-91-4 234-132-7



9,11β-Dichloro-17,21-dihydroxy-16α-methylpregna-1,4-diene-3,20-dione dibutyrate.

Sch-11572. Anti-inflammatory (topical). Schering Corp.

4873 Methylprednisolone Suleptanate

90350-40-6

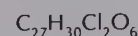


(6α,11β)-11,17-Dihydroxy-6-methyl-21-[[8-[methyl(2-sulfoethyl)amino]-1,8-dioxooctyl]oxy]pregna-1,4-diene-3,20-dione monosodium salt.

Medrosol. Anti-inflammatory; glucocorticoid. Upjohn Ltd.

4874 Mometasone Furoate

83919-23-7 6324

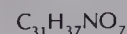


(11β,16α)-9,21-Dichloro-17-[(2-furanylcarbonyl)oxy]-11-hydroxy-16-methylpregna-1,4-diene-3,20-dione.

Sch-32088; Elocon. Anti-inflammatory (topical). Topical corticosteroid. mp = 218-220°; [α]_D²⁶ = + 58.3° (in dioxane); λ_m = 247 nm (ε 26300 in MeOH). Schering Corp.

4875 Nicocortonide

65415-41-0 265-754-7



(11β)-14,17-[2-Butenylidenebis(oxy)]-11-hydroxy-21-[(4-pyridinylcarbonyl)oxy]-pregn-4-ene-3,20-dione.

Anti-inflammatory (steroidal).

4876 Prednazate

5714-75-0

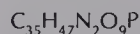


11β,17,21-Trihydroxypregna-1,4-diene-3,20-dione 21-

(hydrogen succinate) compound with 4-[3-(2-chlorophenothiazin-10-yl)propyl]-1-piperazineethanol (1:1). prednisolone compound with perphenazine; Sch-6620. Anti-inflammatory. Corticosteroid combined with an antipsychotic. Schering Corp.

4877 Prednazoline

6693-90-9

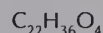


11β,17,21-Trihydroxypregna-1,4-diene-3,20-dione 21-(dihydrogen phosphate) compound with 2-[(2-isopropylphenoxy)methyl]-2-imidazoline.

prednisolone phosphate compound with fenoxazoline. Anti-inflammatory. Corticosteroid combined with a sympathomimetic.

4878 Resocortol

76675-97-3

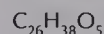


11β,17α-Dihydroxy-17-propionylandro-4-en-3-one.

Anti-inflammatory.

4879 Resocortol Butyrate

76738-96-0

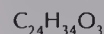


11β,17α-Dihydroxy-17-propionylandro-4-en-3-one 17-butyrate.

Anti-inflammatory.

4880 Rimexolone

49697-38-3 8392

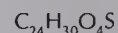


(11β,16α,17β)-11-Hydroxy-16,17dimethyl-17-(1-oxopropylandrosta)-1,4-diene-3,20-dione.

trimexolone; Org-6216; Rimexel; Vexol. Anti-inflammatory (local). mp = 258-268°; [α]_D = + 100° (c = 0.92 C₅H₅N); λ_m = 244 nm (ε 14600). AKZO Chemie; Organon Inc.

4881 Tixocortol

61951-99-3 9623

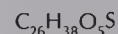


(11β)-11,17-Dihydroxy-21-mercaptopregn-4-ene-3,20-dione.

Anti-inflammatory. Dec 220-221°; λ_m = 241 nm (ε16500 95% EtOH). Jouveinal.

4882 Tixocortol Pivalate

55560-96-8 9623 259-706-4

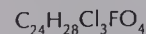


(11β)-21-[(2,2-Dimethyl-1-oxopropyl)thio]-11,17-dihydroxypregn-4-ene-3,20-dione.

JO-1016; Pivalone; Rectovalone; Tiovalon. Anti-inflammatory. mp = 195-200°; [α]_D²⁰ = +145° (c = 1 dioxane); λ_m = 229 nm (log ε 4.259 MeOH). Jouveinal.

4883 Triclonide

26849-57-0



(6α,11β,16α)-9,11,21-Trichloro-6-fluoro-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione. RS-4464. Anti-inflammatory. Syntex Labs. Inc.

Antimalarials

4884 Acedapsone
 77-46-3 20 201-028-8
 $C_{16}H_{16}N_2O_4S$
 4',4'-Sulfonylbis[acetanilide].
 Hansolar; CI-556; CN-1883; DADDS; PAM-MR-1165;
 Hansolar; Rodilone. Antimalarial and leprostatic. mp =
 289-292°; λ_m = 256, 284 nm (ϵ 25500, 36200 MeOH);
 soluble in H_2O (0.3 g/100 ml). *Parke-Davis*.

4885 Amodiaquine
 86-42-0 609 201-669-3
 $C_{20}H_{22}ClN_3O$
 4-[(7-Chloro-4-quinolyl)amino]- α -(diethylamino)-o-
 cresol.
 SN-10751. Antimalarial and antiprotozoal. mp = 208°
 (dec). *Parke-Davis*.

4886 Amodiaquine Dihydrochloride Dihydrate
 6398-98-7 609
 $C_{20}H_{24}Cl_3N_3O \cdot 2H_2O$
 4-[(7-Chloro-4-quinolyl)amino]- α -(diethylamino)-o-cresol
 dihydrochloride dihydrate.
 CAM-AQ1; Camoquin; Flavoquine; Miaquin.
 Antimalarial and antiprotozoal. Dec 150-160°; λ_m = 342
 nm ($E_{1cm}^{1\%}$ 349, MeOH), 341.5 nm ($E_{1cm}^{1\%}$ = 389 0.1N HCl),
 342 nm ($E_{1cm}^{1\%}$ 396 0.1N NaOH); soluble in H_2O ;
 sparingly soluble in EtOH; insoluble in Et_2O , $CHCl_3$,
 C_6H_6 . *Parke-Davis*.

4887 Amopyroquine
 550-81-2
 $C_{20}H_{20}ClN_5$
 4-[(7-Chloro-4-quinolyl)amino]- α -1-pyrrolidinyl-o-cresol.
 Antimalarial agent.

4888 Amquinat
 17230-85-2
 $C_{18}H_{24}N_2O_3$
 Methyl 7-(diethylamino)-4-hydroxy-6-propyl-3-quinoline-
 carboxylate.
 Antimalarial.

4889 Arteether
 75887-54-6 853
 $C_{17}H_{28}O_5$
 [3R-(3 α ,5 α ,6 β ,8 α ,9 α ,10 α ,12 β ,12aR*)]-10-
 Ethoxydecahydro-3,6,9-trimethyl-3,12-epoxy-12H-
 pyrano[4,3-j]-1,2-benzodioxepin.
 dihydroartemisinin ethyl ether; SM-227;
 dihydroqinghaosu ethyl ether. Antimalarial. mp = 80-82°;
 $[\alpha]_D^{21}$ = 154.5° (c = 1.0 $CHCl_3$).

4890 Arteflene
 123407-36-3
 $C_{19}H_{18}F_6O_3$
 (1S,4R,5R,8S)-4-[(Z)-2,4-Bis(trifluoromethyl)styryl]-4,8-
 dimethyl-2,3-dioxabicyclo[3.3.1]nonan-7-one.
 Ro-42-1611. Antimalarial. *Hoffmann-LaRoche Inc.*

4891 Artemether
 71963-77-4 854

$C_{16}H_{26}O_5$
 [3R-(3 α ,5 α ,6 β ,8 α ,9 α ,10 α ,12 β ,12aR*)]-Decahydro-10-
 methoxy-3,6,9-trimethyl-3,12-epoxy-12H-pyrano[4,3-j]-
 1,2-dibenzidioxepin.
 dihydroartemisinin methyl ether; SM-224. Antimalarial.
 mp = 86-88°; $[\alpha]_D^{19.5}$ = 171° (c = 2.59 $CHCl_3$); LD₅₀ (mus
 im) = 263 mg/kg.

4892 Artemisinin
 63968-64-9 856
 $C_{15}H_{22}O_5$
 (3R,5aS,6R,8aS,9R,12S,12aR)-Octahydro-3,6,9-trimethyl-
 3,12-epoxy-12H-pyrano[4,3-j]-1,2-benzodioxepin-
 10(3H)-one.
 artemisine; arteannuin; huanghuahaosu; QHS; qinghaosu;
 qing hau sau. Antimalarial. mp = 156-157°; $[\alpha]_D^{17}$ = 66.3°
 (c = 1.64 $CHCl_3$); soluble in aprotic solvents; LD₅₀ (mus
 orl) = 5105 mg/kg, 4228 mg/kg, (mus im) = 2800 mg/kg,
 3840 mg/kg, (mus ip) = 1558 mg/kg, (rat orl) = 5576
 mg/kg, (rat im) = 2571 mg/kg.

4893 Artesunate
 88495-63-0 857
 $C_{19}H_{28}O_8$
 (3R,5aS,6R,8aS,9R,10S,12R,12aR)-Decahydro-3,6,9-
 trimethyl-3,12-epoxy-12H-pyrano[4,3-j]-1,2-
 benzodioxepin-10-ol hydrogen succinate.
 artesunic acid; dihydroqinghasu hemsuccinate.
 Antimalarial. [sodium salt (SM-804)]: LD₅₀ (mus iv) = 520
 mg/kg, (mus im) = 475 mg/kg.

4894 Atovaquone
 95233-18-4 898
 $C_{22}H_{19}ClO_3$
 2-[trans-4-(p-Chlorophenyl)cyclohexyl]-3-hydroxy-1,4-
 naphthoquinone.
 Mepron; 566C80; BW-566C; BW-566C-80; Acuvet;
 Wellvone. Antimalarial and antipneumocystic. mp = 216-
 219°. *Glaxo Wellcome Inc.*

4895 Bebeerine
 477-60-1 1042
 $C_{36}H_{38}N_2O_6$
 1'- α -6,6'-Dimethoxy-2,2'-dimethyltubocuraran-7',12'-
 diol.
 d-bebeerine; chondodendrine; pelosine. Antimalarial. mp
 = 215°; $[\alpha]_D^{20}$ = 345.7° (c = 0.4 1N HCl); soluble in C_6H_6 ,
 $CHCl_3$, C_5H_5N ; [hydrochloride]: mp = 260°; $[\alpha]_D^{20}$ = 294°
 (c = 0.7); soluble in H_2O , EtOH.

4896 Berberine
 2086-83-1 1192 218-229-1
 $[C_{20}H_{18}NO_4]^+$
 5,6-dihydro-9,10-dimethoxybenzo[g]-1,3-
 benzodioxolo[5,6-a]quinolizinium.
 Antimalarial. mp = 145°; λ_m = 265, 343 nm; [sulfate
 trihydrate]: LD₅₀ (mus ip) = 24.3 mg/kg.

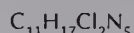
4897 Chirata
 2104
 Chiretta; chirayita; bitter stick; East Indian Balmony.
 Extract from the dried plant *Swertia (Ophelia) chirata*.
 Antimalarial.

4898 Chlorguanide

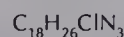
500-92-5 2138 207-915-6

1-(p-Chlorophenyl)-5-isopropylbiguanide.
chlorguanide; proguanil. Antimalarial. mp = 129°.
*Rhône-Poulenc Rorer Pharmaceuticals Inc.***4899 Chlorguanide Hydrochloride**

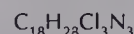
637-32-1 2138 211-283-7

1-(p-chlorophenyl)-5-isopropylbiguanide hydrochloride.
Paludrine; M-4888; RP-3359; SN-12837; Diguanyl;
Drinupal; Guanatol; Palusil; Tirian. Antimalarial. mp =
243-244°; λ_m = 259 nm (EtOH); soluble in EtOH; slightly
soluble in H_2O ; insoluble in $CHCl_3$, Et_2O ; LD₅₀ (rat orl) =
200 mg/kg. *Eli Lilly & Co.; Zeneca Pharmaceuticals.***4900 Chloroquine**

54-05-7 2215 200-191-2

7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]-
quinoline.Aralen; SN-7618; RP-3377; Artrichin; Bemaphate;
Capquin; Nivaquine B; Resoquine; Reumachlor;
Sanoquin; nivaquine [as sulfate]. Antiamebic,
antimalarial. mp = 87°. *Sterling Winthrop, Inc.***4901 Chloroquine Dihydrochloride**

3545-67-3 2215 222-592-1

7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]-
quinoline dihydrochloride.Aralen hydrochloride. Antiamebic, antimalarial. *Sterling
Winthrop, Inc.***4902 Chloroquine Diphosphate**

50-63-5 2215 200-055-2

7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]-
quinoline diphosphate.Aralen phosphate; Arechin; Avloclor; Imagon; Malaquin;
Resochin; Tresochin. Antiamebic, antimalarial and
antirheumatic. Also has activity as a lupus erythematosus
suppressant. mp = 193-195°, 215-218°; soluble in H_2O ,
insoluble in organic solvents. *Sterling Winthrop, Inc.***4903 Chlorproguanil**

537-21-3 2237 208-660-3



1-(3,4-Dichlorophenyl)-5-isopropylbiguanide.

M-5943. Antimalarial. *ICI.***4904 Chlorproguanil Hydrochloride**

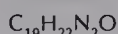
15537-76-5 2237

1-(3,4-Dichlorophenyl)-5-isopropylbiguanide
hydrochloride.Lapudrine. Antimalarial. mp = 246-247°; soluble in H_2O
(1 g/100 ml). *ICI.***4905 Cinchona**

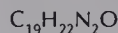
2343

Calisaya bark; Peruvian bark; Cinchona bark; Jesuit's
bark. Antimalarial.**4906 Cinchonidine**

485-71-2 2345 207-622-3

(8 α ,9R)-Cinchonan-9-ol.cinchovatine; α -quinidine. Antimalarial. mp = 210°; $[\alpha]_D^{20}$
= -109.2° (EtOH); soluble in EtOH, $CHCl_3$; moderately
soluble in Et_2O ; LD₅₀ (rat ip) = 206 mg/kg.**4907 Cinchonine**

118-10-5 2346 204-234-6



(9S)-Cinchonan-9-ol.

Antimalarial. mp = 265°; $[\alpha]_D$ = 229° (EtOH); insoluble in
 H_2O ; soluble in EtOH (1.67 g/100 ml at 25°, 4 g/100 ml
at 76°), $CHCl_3$ (0.91 g/100 ml), Et_2O (0.2 g/100 ml); LD₅₀
(rat ip) = 152 mg/kg.**4908 Clociguanil**

3378-93-6

4,6-Diamino-1-[(3,4-dichlorobenzyl)oxy]-1,2-dihydro-
2,2-dimethyl-s-triazine.

Antimalarial.

4909 Cycloguanil

516-21-2 2790

4,6-Diamino-1-(p-chlorophenyl)-1,2-dihydro-2,2-
dimethyl-s-triazine.

chlorazine; chlorguanide triazine; TCI; M-10580; D-20.

Antimalarial. mp = 146°; λ_m = 241 nm (log ϵ 4.11 H_2O).
*Parke-Davis.***4910 Cycloguanil Pamoate**

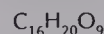
609-78-9 2790

4,6-Diamino-1-(p-chlorophenyl)-1,2-dihydro-2,2-
dimethyl-s-triazine compound (2:1) with 4,4'-
methylenebis[3-hydroxy-2-naphthoic acid].cycloguanil embonate; CI-501; CN-14,329-23A; PAM-
MR-807-23a; NSC-77830; Camolar. Antimalarial. mp =
231-234°; soluble in H_2O (0.003 g/100 ml). *Parke-Davis.***4911 Enpiroline Phosphate**

66364-74-7

(±)-(R*,R*)- α -[2-(trifluoromethyl)-6-(α,α,α -trifluoro-p-
tolyl)-4-pyridyl]-2-piperidinemethanol phosphate (1:1)
(salt).WR-180409. Antimalarial. *Walter Reed Army Inst. of Res.***4912 Gentiopicroin**

20831-76-9 4403 244-070-2

(5R-trans)-5-Ethenyl-6-(β -D-glucopyranosyloxy)-5,6-
dihydro-1H,3H-pyran[3,4-c]pyran-1-one.gentiopicroside. Antimalarial. mp = 191°; $[\alpha]_D^{20}$ = -199°
(RtOH); λ_m = 270 nm (log ϵ 3.96, EtOH).**4913 Halofantrine**

69756-53-2 4626 274-104-1

1,3-Dichloro- α -[2-(dibutylamino)ethyl]-6-

(trifluoromethyl)-9-phenanthrenemethanol.

Halfan. Antimalarial. [β -lglycerophosphate]: mp = 60-65°. *SmithKline Beecham Pharmaceuticals; Walter Reed Army Inst. of Res.*

4914 Halofantrine Hydrochloride

36167-63-2 4626 252-895-4

$C_{26}H_{31}Cl_3F_3NO$

1,3-Dichloro- α -[2-(dibutylamino)ethyl]-6-(trifluoromethyl)-9-phenanthrenemethanol hydrochloride. WR-171669; SKF-102886; Halfan. Antimalarial. mp = 93-96°, 203-204°. *SmithKline Beecham Pharmaceuticals; Walter Reed Army Inst. of Res.*

4915 Hydroxychloroquine

118-42-3 4863 204-249-8

$C_{18}H_{26}ClN_3O$

2-[[4-[(7-Chloro-4-quinolyl)amino]pentyl]ethylamino]-ethanol.

oxychloroquine; oxichloroquine. Antimalarial and lupus erythematosus suppressant. mp = 89-91°. *Apothecon; Sterling Winthrop, Inc.*

4916 Hydroxychloroquine Sulfate

747-36-4 4863 212-019-3

$C_{18}H_{28}ClN_3O_5S$

2-[[4-[(7-Chloro-4-quinolyl)amino]pentyl]ethylamino]-ethanol sulfate (1:1) (salt).

Plaquenil Sulfate; Ercoquin; Quensyl. Antimalarial and lupus erythematosus suppressant. mp = 198°, 240°; freely soluble in H_2O ; insoluble in EtOH, $CHCl_3$, Et_2O . *Apothecon; Sterling Winthrop, Inc.*

4917 Mefloquine

53230-10-7 5845

$C_{17}H_{16}F_6N_2O$

(DL-Erythro- α -2-piperidyl-2,8-bis(trifluoromethyl)-4-quinolinemethanol.

WR-142490; Ro-21-5998. Antimalarial. *Hoffmann-LaRoche Inc.; Walter Reed Army Inst. of Res.*

4918 Mefloquine Hydrochloride

51773-93-2 5845

$C_{17}H_{17}ClF_6N_2O$

(DL-Erythro- α -2-piperidyl-2,8-bis(trifluoromethyl)-4-quinolinemethanol hydrochloride.

Lariam; Ro-21-5998/001. Antimalarial. mp = 259-260° (dec); slightly soluble in H_2O ; soluble in EtOH, EtOAc. *Hoffmann-LaRoche Inc.; Walter Reed Army Inst. of Res.*

4919 Menoctone

14561-42-3

$C_{24}H_{32}O_3$

2-(8-Cyclohexyloctyl)-3-hydroxy-1,4-naphthoquinone.

Win-11530; NSC-103336. Antimalarial. *Sterling Winthrop, Inc.*

4920 3-Methylarsacetin

25384-21-8 6102

$C_9H_{12}AsNO_4$

[4-(Acetyl-amino)-3-methylphenyl]arsonic acid.

Orsudan. Antimalarial. Dec 306°; soluble in hot H_2O , MeOH; poorly soluble in EtOH and other organic solvents.

4921 Mirincamycin

31101-25-4

$C_{19}H_{35}ClN_2O_5S$

Methyl 7-chloro-6,7,8-trideoxy-6-(cis-4-pentyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctapyranoside mixture with methyl 7-chloro-6,7,8-trideoxy-6-(trans-4-pentyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctapyranoside.

Antibacterial and antimalarial.

4922 Mirincamycin Hydrochloride

8063-91-0

$C_{19}H_{36}Cl_2N_2O_5S$

Methyl 7-chloro-6,7,8-trideoxy-6-(cis-4-pentyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctapyranoside, monohydrochloride, mixture with methyl 7-chloro-6,7,8-trideoxy-6-(trans-4-pentyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctapyranoside monohydrochloride.

U-24729A. Antibacterial and antimalarial.

4923 Pamaquine

635-05-2 7134 211-224-5

$C_{19}H_{29}N_3O$

N,N' -Diethyl- N' -(6-methoxy-8-quinolyl)-1,4-pentanediamine.

Plasmochin; Aminoquin; Praequine; Béprochine; Gamefar; Quipenyl; Plasmoquine. Antimalarial. $bp_{0.03} = 175-180^\circ$; $bp_1 = 182-194^\circ$.

4924 Pentaquine

86-78-2

$C_{18}H_{27}N_3O$

8-(5-Isopropylaminoamylamino)-6-methoxyquinoline. Antimalarial.

4925 Pentaquine Phosphate

5428-64-8

$C_{18}H_{30}N_3O_5P$

8-(5-Isopropylaminoamylamino)-6-methoxy quinoline phosphate.

An 8-aminoquinoline. Antimalarial.

4926 Plasmocid

551-01-9 7680

$C_{17}H_{25}N_3O$

N,N -Diethyl- N' -(6-methoxy-8-quinolyl)-1,3-propanediamine.

710-F; SN-3115; Fournau 710; Antimalarine; Rodoquine. Antimalarial. $bp_{1.0} = 182^\circ$; $d_4^{24} = 1.0569$; [dihydrochloride]: mp = 218-220°; [diphosphate]: mp = 169-171°.

4927 Primaquine

90-34-6 7925 201-987-2

$C_{15}H_{21}N_3O$

8-[(4-Amino-1-methylbutyl)amino]-6-methoxyquinoline.

SN-13272. Antimalarial. $bp_{0.2} = 175-179^\circ$; soluble in Et_2O ; [oxalate]: mp = 182.5-185°.

4928 Primaquine Diphosphate

63-45-6 7925 200-560-8

$C_{15}H_{27}N_3O_9P$

8-[(4-Amino-1-methylbutyl)amino]-6-methoxyquinoline phosphate.

Antimalarial. mp = 197-198°; moderately soluble in H₂O.

4929 Pyrimethamine

58-14-0 8169 200-364-2
 $C_{12}H_{13}ClN_4$
 2,4-Diamino-5-(p-chlorophenyl)-6-ethylpyrimidine.
 RP-4753; Chloridin; Malocide; Tindurin; Daraprim;
 Fansidar. Antimalarial and antiprotozoal. mp = 233-234°;
 soluble in EtOH 0.9 g/100 ml at 25°, 2.5 g/100 ml at 76°),
 dil. HCl (0.5 g/100 ml). *Glaxo Wellcome Inc.; Hoffmann-
 LaRoche Inc.*

4930 Quinacrine

83-89-6 8225 201-508-7
 $C_{23}H_{30}ClN_3O$
 6-Chloro-9-[[4-(diethylamino)-1-methylbutyl]amino]-2-
 methoxyacridine.
 Mepacrine; Atabrine. Anthelmintic and antimalarial.
Sterling Winthrop, Inc.

4931 Quinacrine Dihydrochloride Dihydrate

6151-30-0 8225
 $C_{23}H_{31}Cl_2N_3O \cdot 2H_2O$
 6-Chloro-9-[[4-(diethylamino)-1-methylbutyl]amino]-2-
 methoxyacridine dihydrochloride dihydrate.
 Atabrine hydrochloride; RP-866; SN-390. Anthelmintic
 and antimalarial. Dec 248-250°; soluble in H₂O (2.8
 g/100 ml); slightly soluble in EtOH, MeOH; insoluble in
 C₆H₆, Et₂O, Me₂CO. *Sterling Winthrop, Inc.*

4932 Quinacrine Methanesulfonate Hydrate

6598-46-5 8225
 $C_{25}H_{38}ClN_3O_7S_2 \cdot H_2O$
 6-Chloro-9-[[4-(diethylamino)-1-methylbutyl]amino]-2-
 methoxyacridine.
 Anthelmintic and antimalarial. Soluble in H₂O (33 g/100
 at 15°), EtOH (2.7 g/100 ml at 15°). *Sterling Winthrop,
 Inc.*

4933 Quinidine

56-54-2 8244 200-279-0
 $C_{20}H_{24}N_2O$
 (8R,9S)-6'-Methoxycinchonan-9-ol.
 conquinine; pitayine; β-quinine. Antimalarial. mp = 174-
 175°; $[\alpha]_D^{15} = 230^\circ$ (c = 1.8 CHCl₃), $[\alpha]_D^{17} = 258^\circ$ (EtOH),
 $[\alpha]_D^{17} = 322^\circ$ (c = 1.6 2M HCl); soluble in H₂O (0.05 g/100
 ml at 20°, 0.12 g/100 ml at 100°), EtOH (2.8 g/100 ml),
 Et₂O (1.8 g/100 ml), CHCl₃ (62.5 g/100 ml); very soluble
 in MeOH; insoluble in petroleum ether; LD₅₀ (rat iv) = 30
 mg/kg, (rat orl) = 263 mg/kg. *Eli Lilly & Co.; Merrell
 Pharmaceuticals Inc.; Parke-Davis.*

4934 Quinine

130-95-0 8245 205-003-2
 $C_{20}H_{24}N_2O_2$
 (8S,9R)-6'-Methoxycinchonan-9-ol.
 Skeletal muscle relaxant and antimalarial. mp = 177°
 (dec); $[\alpha]_D^{15} = -169^\circ$ (c = 2 97% EtOH), $[\alpha]_D^{17} = -117^\circ$ (c =
 1.5 CHCl₃), $[\alpha]_D^{15} = -285^\circ$ (c = 0.4M 0.1N H₂SO₄); soluble
 in H₂O (0.05 g/100 ml at 25°, 0.13 g/100 ml at 100°),
 EtOH (125 g/100 ml), C₆H₆ (1.25 g/100 ml at 25°, 5.5
 g/100 ml at 50°), CHCl₃ (83.3 g/100 ml), Et₂O (0.4 g/100
 ml), glycerol (5 g/100 ml); insoluble in petroleum ether.

4935 Quinine Sulfate

6119-70-6 8245 200-046-3
 $C_{40}H_{50}N_4O_8S \cdot 2H_2O$
 (8α,9R)-6'-Methoxycinchonan-9-ol sulfate (2:1) (salt).
 Coco-Quinine; component of: Quinamm. Antimalarial.
 $[\alpha]_D^{15} = -220^\circ$ (c = 5 0.5N HCl); soluble in H₂O (0.12 g/100
 ml at 20°, 3.12 g/100 ml at 100°), EtOH (0.83 g/100 ml at
 20°, 10 g/100 ml at 75°); slightly soluble in CHCl₃, Et₂O.
Eli Lilly & Co.; Merrell Pharmaceuticals Inc.; Parke-Davis.

4936 Quinine Tannate

1407-83-6 215-805-4
 Quinine tannate.
 Less bitter than quinine sulfate. Antimalarial.

4937 Quinocide

525-61-1 8252
 $C_{15}H_{21}N_3O$
 8-[[4-(Aminopentyl)amino]-6-methoxyquinoline.
 chinocide; khinocyde. Antimalarial. bp_{1.0} = 183-186°; mp
 = 46°; [hydrochloride]: mp = 224-224.5°; [dihydrochlor-
 ide]: mp = 227-227.5°; [diphosphate]: mp = 174-176°.

4938 Quinoline

91-22-5 8253 202-051-6
 C_9H_7N
 Benzo[b]pyridine.
 Leucoline; chinoleine; 1-benzazine. Antimalarial. mp = -
 15°; bp = 237.7°, bp₁₀₀ = 163.2°, bp₄₀ = 136.7°, bp₂₀ =
 119.8°, bp₁₀ = 103.8°, bp₅ = 89.6°, bp₁ = 59.7°;
 moderately soluble in H₂O, EtOH, Et₂O, CS₂; LD₅₀ (rat
 orl) = 460 mg/kg.

4939 Sodium Arsenate Dibasic

7778-43-0 8720 231-902-4
 $AsHNa_2O_4$
 Disodium arsenate.
 Formerly used as an antimalarial. [heptahydrate]: mp =
 57°; d = 1.87; soluble in H₂O 76.9 g/100 ml), glycerol,
 slightly soluble in EtOH; LD₇₅ (rat ip) = 14-18 mg/kg.

4940 Tebuquine

74129-03-6
 $C_{26}H_{25}Cl_2N_3O$
 3-[(tert-Butylamino)methyl]-4'-chloro-5-[(7-chloro-4-
 quinolyl)amino]-2-biphenylol.
 Cl-897; WR-228258. Antimalarial. *Parke-Davis.*

Antimanic Agents

4941 Lithium Acetate

546-89-4 5544 208-914-3
 $C_2H_3LiO_2$
 Acetic acid lithium salt.
 Quilonorm; Quilonum. Antimanic. mp = 286° (dec);
 freely soluble in H₂O, EtOH.

4942 Lithium Carbonate

554-13-2 5552 209-062-5
 Li_2CO_3
 Carbonic acid dilithium salt.
 dilithium carbonate; Eskalith; Lithane; Lithobid; Lithonate;

Lithotabs; CP-15467-61; NSC-16895; Camcolit; Carbolith; Carbolithium; Ceglution; Hypnorex; Limas; Liskonum; Lithicarb; Phasal; Plenur; Priadel; Quilonorm-Retrard; Quionum-RetardTéralithe. Antimanic. d = 2.11; mp = 720° ± 1°; soluble in), dilute acids; insoluble in EtOH; LD₅₀ (rat orl) = 710 mg/kg. *Bayer Corp., Pharmaceutical Div.; Ciba-Geigy Corp.; SmithKline Beecham Pharmaceuticals; Solvay Pharmaceuticals.*

4943 Lithium Chloride
7447-41-8 5553 231-212-3
CLi
Hydrochloric acid lithium salt.
Antimanic. mp = 605°, bp = 1382°.

4944 Lithium Citrate
919-16-4 5555 213-045-8
C₆H₅Li₃O₇
Propanetricarboxylic acid 2-hydroxy-trilithium salt tetrahydrate.
trilithium citrate tetrahydrate; Cibalth-S; Litarex; Lithonate S. Antimanic; antidepressant. Deliquescent; soluble in H₂O (66.6 g/100 ml). *Ciba-Geigy Corp.*

4945 Lithium Hydroxide
1310-65-2 5560 215-183-4
HLiO.H₂O
Lithium hydroxide monohydrate.
lithium hydrate. Antimanic. [anhydrous form]: mp = 471°; d = 2.54; soluble in H₂O, slightly soluble in EtOH; [monohydrate]: d₄²⁰ = 1.51; soluble in H₂O (10.7 g/100 ml at 0°, 109 g/100 at 100°), slightly soluble in EtOH.

4946 Lithium Sulfate
10377-48-7 5569 233-820-4
Li₂O₄S
Sulfuric acid lithium salt.
dilithium sulfate; Lithiophor; Lithium-Duriles. Antimanic. d = 2.06; soluble in H₂O (0.38 g/100 ml), insoluble in EtOH.

Antimethemoglobinemics

4947 Methylene Blue
61-73-4 6137 200-515-2
C₁₆H₁₈ClN₃S
3,7-Bis(dimethylamino)phenothiazin-5-ium chloride.
methylthioninium chloride; tetramethylthionine chloride; Swiss blue; C.I. 52015; solvent blue 8; Urolene Blue. Antimethemoglobinemic. Also used as an antidote for cyanide poisoning. Green crystals; λ_m = 668, 609 nm; soluble in H₂O (4 g/100 ml), EtOH (1.5 g/100 ml); insoluble in Et₂O.

Antimigraines

4948 Almotriptan
154323-57-6
C₁₇H₂₅N₃O₂S
1-[[[3-[2-(Dimethylamino)ethyl]indol-5-yl)methyl]sulfonyl]pyrrolidine.
LAS-31416. Antimigraine. *Grupo Farmaceutico Almirall*

S.A.

4949 Alniditan
152317-89-0
C₁₇H₂₆N₄O
(-)-2-[[3-[[[(R)-2-Chromanyl(methyl)amino]propyl]amino]-1,4,5,6-tetrahydropyrimidine.
Antimigraine. *Janssen Pharmaceutical, Belgium.*

4950 Alniditan Dihydrochloride
155428-00-5
C₁₇H₂₈Cl₂N₄O
(-)-2-[[3-[[[(R)-2-Chromanyl(methyl)amino]propyl]amino]-1,4,5,6-tetrahydropyrimidine dihydrochloride.
R-91274. Antimigraine. *Janssen Pharmaceutical, Belgium.*

4951 Alpiropide
81982-32-3 319 279-867-4
C₂₁H₂₃Cl₂N₃O
(±)-N-[(1-Allyl-2-pyrrolidinyl)methyl]-4-amino-5-(methylsulfonyl)-o-anisamide.
RIV-2093; Revistel. Dopamine D₂ receptor antagonist.
Antimigraine. mp = 168.5-169°; LD₅₀ (mmus iv) = 44 mg/kg, (mmus ip) = 184 mg/kg, (mmus sc) = 204 mg/kg, (mmus orl) = 3600 mg/kg. *Synthelabo Pharmacie.*

4952 Avitriptan
151140-96-4
C₂₂H₃₀N₆O₃S
3-[3-[4-(5-Methoxy-4-pyrimidinyl)-1-piperazinyl]propyl]-N-methylindoile-5-methanesulfonamide.
Antimigraine. *Bristol-Myers Squibb Co.*

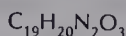
4953 Avitriptan Fumarate
171171-42-9
C₂₆H₃₄N₆O₇S
3-[3-[4-(5-Methoxy-4-pyrimidinyl)-1-piperazinyl]propyl]-N-methylindoile-5-methanesulfonamide fumarate.
BMS-180048; BMS-180048-02. Antimigraine. *Bristol-Myers Squibb Co.*

4954 Dihydroergotamine
511-12-6 3217 208-123-3
C₃₃H₃₇N₅O₅
9,10-Dihydro-12'-hydroxy-2'-methyl-5'-(phenylmethyl)ergotoman-3',6',18-trione.
Antidrenergic and antimigraine. mp = 239°; [α]_D²⁰ = -64°, [α]₅₄₆²⁰ = -79° (c = 0.5 C₅H₅N); insoluble in H₂O; sparingly soluble in EtOH, MeOH, CHCl₃, C₆H₆. *Sandoz Pharmaceuticals Corp.*

4955 Dihydroergotamine Methanesulfonate
6190-39-2 3217 228-235-6
C₃₄H₄₁N₅O₈S
9,10-Dihydro-12'-hydroxy-2'-methyl-5'-(phenylmethyl)ergotoman-3',6',18-trione monomethanesulfonate.
DHE-45; Agit; Angionorm; Dergotamine; DET MS; D.H.E. 45; Diergo; Dihydergot; Dirgotarl; Endophleban; Ergomimet; Ergont; Ergotonin; Ikaran; Migranal; Morena; Orstanorm; Séglor; Tonopres; Verladyn. Antidrenergic and antimigraine. mp = 230-235°; moderately soluble in H₂O. *Sandoz Pharmaceuticals Corp.*

4956 Dolasetron

115956-12-2 3471



Indole-3-carboxylic acid ester with (8r)-hexahydro-8-hydroxy-2,6-methano-2H-quinolizin-3(4H)-one.
MDL-73147. Antiemetic and antimigraine. *Hoechst Marion Roussel Inc.*

4957 Dolasetron Mesylate

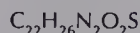
115956-13-3 3471



Indole-3-carboxylic acid ester with (8r)-hexahydro-8-hydroxy-2,6-methano-2H-quinolizin-3(4H)-one monomethanesulfonate.
Anzemet; MDL-73147EF. Antiemetic and antimigraine. mp = 278°. *Hoechst Marion Roussel Inc.*

4958 Eletriptan

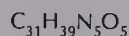
143322-58-1



3-[[[(R)-1-Methyl-2-pyrrolidinyl)methyl]-5-[2-(phenylsulfonyl)ethyl]indole].
UK-116044. Antimigraine.

4959 Ergocornine

564-36-3 3685 209-272-7

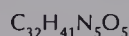


(5'α)-12'-Hydroxy-2',5'-bis(1-methylethyl)ergotaman-3',6',18-trione.

Antimigraine. Dec 181°; $[\alpha]_D^{20} = -110^\circ$ (C_5H_5N), -175° ($CHCl_3$); $\lambda_m = 311$ nm (log ε 3.91 MeOH); soluble in Me_2CO , $CHCl_3$, EtOAc; slightly soluble in EtOH, MeOH; insoluble in H_2O ; [phosphate]: mp = 190-195° (dec); [ethanesulfonate]: mp = 209° (dec). *Sandoz Pharmaceuticals Corp.*

4960 Ergocryptine

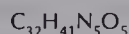
511-10-4 3689 208-122-8



ergokryptine. Antimigraine. Mixture of two isomers, α- and β-ergocryptine. *Sandoz Pharmaceuticals Corp.*

4961 α-Ergocryptine

511-09-1 3689 208-121-2

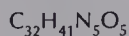


(5'α)-12'-Hydroxy-2'-(1-methylethyl)-5'-(2-methylpropyl)ergotaman-3',6',18-trione.

Antimigraine. mp = 212° (dec); $[\alpha]_D^{20} = -120^\circ$ (C_5H_5N), -198° ($CHCl_3$); $\lambda_m = 241, 312.5$ nm (log ε 4.31 3.95 MeOH); freely soluble in EtOH, $CHCl_3$; insoluble in H_2O . *Sandoz Pharmaceuticals Corp.*

4962 β-Ergocryptine

20315-46-2 3689 243-728-6



[5'α(S)]-12'-Hydroxy-2'-(1-methylethyl)-5'-(1-methylpropyl)ergotaman-3',6',18-trione.

Antimigraine. mp = 173° (dec); $[\alpha]_D^{20} = -98^\circ$ (c = 0.5 C_5H_5N), -179° (c = 0.5 $CHCl_3$); $\lambda_m = 312$ nm (log ε 3.93 MeOH). *Sandoz Pharmaceuticals Corp.*

4963 Ergot

3702

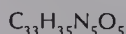
Dried sclerotia of the fungus *Claviceps purpurea* (Fries)

Tul., Hypocreaceae.

Vasoconstrictor, specific to migraine. Antimigraine. *Miles.*

4964 Ergotamine

113-15-5 3703 204-023-9

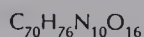


(5'α)-12'-Hydroxy-2'-methyl-5'-(phenylmethyl)-ergotoman-3',6',18-trione.

Ergoton-A [succinate]. Analgesic, specific to migraine. Antimigraine. Dec 212-214°; $[\alpha]_D^{20} = -160^\circ$ ($CHCl_3$); insoluble in H_2O , petroleum ether; soluble in MeOH (1.4 g/100 ml), EtOH (0.33 g/100 ml), Me_2CO (0.67 g/100 ml); freely soluble in $CHCl_3$, C_5H_5N , AcOH; soluble in EtOAc; slightly soluble in soluble in C_6H_6 ; [hydrochloride]: mp = 212° (dec). *3M Pharmaceuticals; Fisons Corp.; Organon Inc.; Parke-Davis; Sandoz Pharmaceuticals Corp.*

4965 Ergotamine Tartrate

379-79-3 3703 206-835-9



[R-(R*,R*)]-(5'α)-2,3-12'-Hydroxy-2'-methyl-5'-(phenylmethyl)ergotoman-3',6',18-trione dihydroxybutanedioate (2:1) (salt).

Ergomar; Ergate; Ergotartrat; Ergostat; Exmigra; Femergin; Gynergen; Medihaler Ergotamine; Lingraine; Lingran; component of: Cafergot, Wigraine. Analgesic, specific to migraine. Antimigraine. Has also been used as an oxytocic. mp = 203° (dec); $[\alpha]_D^{25} = -125^\circ$ to -155° (c = 0.4 $CHCl_3$); soluble in H_2O (0.2 g/100 ml), EtOH (0.2 g/100 ml); LD₅₀ (mus iv) = 62 mg/kg, (rat iv) = 80 mg/kg. *3M Health Care Pharmaceuticals; Fisons Corp.; Organon Inc.; Parke-Davis; Sandoz Pharmaceuticals Corp.*

4966 Fampridine

504-24-5 3974



4-Aminopyridine.

Analgesic, antimigraine mp = 158-159°; soluble in H_2O , EtOH; less soluble in non-polar organic solvents.

4967 Flumetroxone

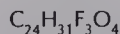
15687-21-5



17-Hydroxy-6α-(trifluoromethyl)pregn-4-en-3,20-dione. Antimigraine.

4968 Flumetroxone Acetate

987-18-8 4171 213-577-0

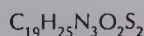


17-Hydroxy-6α-(trifluoromethyl)pregn-4-en-3,20-dione acetate.

WG-537; Demigran. Antimigraine. mp = 206-207°; $[\alpha]_D^{20} = 30^\circ$; $\lambda_m = 234$ nm (ε 15600 EtOH). *Lovens Komiske Fabrik.*

4969 Fonazine

7456-24-8 4260 231-229-6



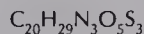
10-[2-(Dimethylamino)propyl]-N,N-dimethylphenothiazine-2-sulfonamide.

dimethothiazine; dimethiotazine; dimetiotazine; RP-8599. Antimigraine. Serotonin inhibitor. [hydrochloride ($C_{19}H_{26}ClN_3O_2S_2$): mp = 214° (dec). *Rhône-Poulenc*

Rorer Pharmaceuticals Inc.

4970 Fonazine Methanesulfonate

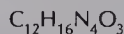
7455-39-2 4260



10-[2-(Dimethylamino)propyl]-N,N-dimethyl-phenothiazine-2-sulfonamide monomethanesulfonate. IL-6302 mesylate; 8599 R.P. mesylate; Banistyl; Bonpac; Calsekin; Migristène; Neomestine; Promaquid; Yoristen. Antimigraine. Serotonin inhibitor. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

4971 Iprazochrome

7248-21-7

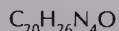


3-Hydroxy-1-isopropyl-5,6-indolinedione
5-semicarbazone.

Serotonin antagonist used to treat migraine.

4972 Lisuride

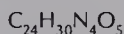
18016-80-3 5541 241-925-1



3-(9,10-Didehydro-6-methylergolin-8 α -yl)-1,1-diethylurea. methylergol carbamide; lysuride. Antimigraine, prolactin inhibitor and antiparkinsonian. mp = 186°; $[\alpha]_D^{20}$ = 313° (c = 0.60 C₅H₅N).

4973 Lisuride Maleate

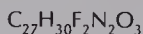
19875-60-6 5541 243-387-3



3-(9,10-Didehydro-6-methylergolin-8 α -yl)-1,1-diethylurea maleate. Apodel; Cuvalit; Dopergin; Eunal; Lysenyl; Revanil. Antimigraine, prolactin inhibitor and antiparkinsonian. mp = 200° (dec); $[\alpha]_D^{20}$ = 288° (c = 0.5 MeOH); λ_m = 313 nm (MeOH); LD₅₀ (mus iv) = 14.4 mg/kg.

4974 Lomerizine

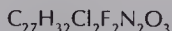
101477-55-8 5593



1-[Bis(p-fluorophenyl)methyl]-4-(2,3,4-trimethoxybenzyl)-piperazine. Antimigraine. *Kanebo.*

4975 Lomerizine Dihydrochloride

101477-54-7 5593



1-[Bis(p-fluorophenyl)methyl]-4-(2,3,4-trimethoxybenzyl)piperazine dihydrochloride. KB-2796. Antimigraine. mp = 214-218° (dec), 204-207° (dec); LD₅₀ (mus orl) = 300 mg/kg. *Kanebo.*

4976 Metergotamine

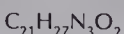
22336-84-1

1-Methylergotamine.

MY-25 [as bitartrate]. Analgesic and antimigraine.

4977 Methysergide

361-37-5 6217 206-644-0

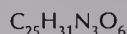


(+)-9,10-Didehydro-N-[1-(hydroxymethyl)propyl]-1-methyl-D-lysergamide. UML-491. Vasoconstrictor, specific to migraine. Antimigraine. mp = 194-196°; $[\alpha]_D^{20}$ = -45° (c = 0.5

C₅H₅N); [dimaleate]: mp = 165°; soluble in MeOH, less soluble in H₂O, insoluble in EtOH. *Sandoz Pharmaceuticals Corp.*

4978 Methysergide Hydrogen Maleate

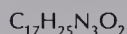
129-49-7 6217 204-950-9



(+)-9,10-Didehydro-N-[1-(hydroxymethyl)propyl]-1-methyl-D-lysergamide hydrogen maleate. Sansert; Deseril; Désernil. Vasoconstrictor, specific to migraine. Antimigraine. *Sandoz Pharmaceuticals Corp.*

4979 Naratriptan

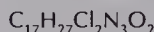
121679-13-8



N-Methyl-3-(1-methyl-4-piperidynyl)indole-5-ethanesulfonamide. Antimigraine. *Glaxo Labs.*

4980 Naratriptan Hydrochloride

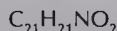
143388-64-1



N-Methyl-3-(1-methyl-4-piperidynyl)indole-5-ethanesulfonamide monohydrochloride. GR-85548A. Antimigraine. *Glaxo Labs.*

4981 Oxetorone

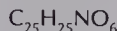
26020-55-3 7068 247-411-3



3-Benzofuro[3,2-c][1]benzoxepin-6(12H)-ylidene-N,N-dimethyl-1-propanamine. Antimigraine. *Labaz S.A.*

4982 Oxetorone Fumarate

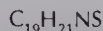
34522-46-8 7068



3-Benzofuro[3,2-c][1]benzoxepin-6(12H)-ylidene-N,N-dimethyl-1-propanamine fumarate. L-6257; Nocertone; Oxedix. Antimigraine. mp = 160°. *Labaz S.A.*

4983 Pizotyline

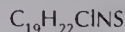
15574-96-6 7671 239-632-9



4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta[1,2-b]thien-4-ylidene)-1-methylpiperidine. BC-105; pizotifen; pizotifan; Litec. Serotonin inhibitor, specific to migraine. Antimigraine. *Sandoz Pharmaceuticals Corp.*

4984 Pizotyline Hydrochloride

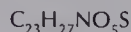
73391-87-4 7671



4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta[1,2-b]thien-4-ylidene)-1-methylpiperidine hydrochloride. Serotonin inhibitor, specific to migraine. Antimigraine. mp = 261-263° (dec). *Sandoz Pharmaceuticals Corp.*

4985 Pizotyline Malate

5189-11-7 7671 225-970-4



4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta[1,2-b]thien-4-ylidene)-1-methylpiperidine malate. Sandomigran; Sanmigran; Sanomigran; Mosegor. Serotonin inhibitor, specific to migraine. Antimigraine.

mp = 185-186° (dec). *Sandoz Pharmaceuticals Corp.*

4986 Rizatriptan

144034-80-0

$C_{15}H_{19}N_5$

3-[2-(Dimethylamino)ethyl]-5-(1H-1,2,4-triazol-1-ylmethyl)indole.

Antimigraine. *Merck & Co., Inc.*

4987 Rizatriptan Benzoate

145202-66-0

$C_{22}H_{25}N_5O_2$

3-[2-(Dimethylamino)ethyl]-5-(1H-1,2,4-triazol-1-ylmethyl)indole monobenzoate.

MK-0462. Antimigraine. *Merck & Co., Inc.*

4988 Rizatriptan Sulfate

159776-67-7

$C_{30}H_{40}N_{10}O_4S.H_2O$

3-[2-(Dimethylamino)ethyl]-5-(1H-1,2,4-triazol-1-ylmethyl)indole sulfate (2:1) monohydrate.

MK-A462. Antimigraine. *Merck & Co., Inc.*

4989 Sergolexole

108674-86-8

$C_{26}H_{36}N_2O_3$

trans-4-Methoxycyclohexyl 1-isopropyl-6-methylergoline-8β-carboxylate.

Antimigraine. *Eli Lilly & Co.*

4990 Sergolexole Maleate

108674-87-9

$C_{30}H_{40}N_2O_7$

trans-4-Methoxycyclohexyl 1-isopropyl-6-methylergoline-8β-carboxylate maleate (1:1).

LY-281067. Antimigraine. *Eli Lilly & Co.*

4991 Sumatriptan

103628-46-2

9172

$C_{14}H_{21}N_3O_2S$

3-[2-(Dimethylamino)ethyl]-N-methylindole-5-methanesulfonamide.

Serotonin 5HT₁ receptor agonist. Antimigraine. mp = 169-171°. *Glaxo Wellcome Inc.*

4992 Sumatriptan Succinate

103628-48-4

9172

$C_{18}H_{27}N_3O_6S$

3-[2-(Dimethylamino)ethyl]-N-methylindole-5-methanesulfonamide succinate (1:1).

Imitrex; GR-43175C. Serotonin 5HT₁ receptor agonist. Antimigraine. mp = 165-166°. *Glaxo Wellcome Inc.*

4993 Zatosetron

123482-22-5

$C_{19}H_{25}ClN_2O_2$

5-Chloro-2,3-dihydro-2,2-dimethyl-N-1αH,5αH-tropan-3α-yl-7-benzofurancarboxamide.

LY-277359. Antimigraine. *Eli Lilly & Co.*

4994 Zatosetron Maleate

123482-23-5

$C_{23}H_{29}ClN_2O_6$

5-Chloro-2,3-dihydro-2,2-dimethyl-N-1αH,5αH-tropan-3α-yl-7-benzofurancarboxamide maleate (1:1).

LY-277359 maleate. Antimigraine. *Eli Lilly & Co.*

4995 Zolmitriptan

139264-17-8

$C_{16}H_{21}N_3O_2$

(S)-4-[[3-[2-(Dimethylamino)ethyl]indol-5-yl]methyl]-2-oxazolidinone.

Zomig; 311C90. Antimigraine. *Glaxo Wellcome Inc.; Zeneca Pharmaceuticals.*

Antineoplastics

4996 Acivicin

42228-92-2

$C_5H_7ClN_2O_3$

(αS,5S)-α-Amino-3-chloro-2-isoxazoleacetic-5-acetic acid.

AT-125; U-42126. Antineoplastic agent. *Upjohn Ltd.*

4997 Aclarubicin

57576-44-0

115

$C_{42}H_{53}NO_{15}$

2-Ethyl-1,2,3,4,6,11-hexahydro-2,5,7-trihydroxy-6,11-dioxo-4-[[2,3,6-trideoxy-4-O-[2,6-dideoxy-4-O[(2R-trans)-tetrahydro-6-methyl-5-oxo-2H-pyran-2-yl]-α-L-lyxohexopyranosyl]-3-(dimethylamino)-α-L-lyxohexopyranosyl]oxy]-1-naphthacene carboxylic acid methyl ester.

Aclacinomycin A; NSC-208734; antibiotic MA 144A1; Jaclacin. Antineoplastic agent. mp = 151-153° (dec); $[\alpha]_D^{24} = -11.5^\circ$ (CH_2Cl_2 c = 1); $\lambda_m = 229.5, 259, 289.5, 431$ nm ($E_{1\text{ cm}}^{1\%}$ 550, 326, 135, 161 MeOH), 229.5, 258.5, 290, 431 nm ($E_{1\text{ cm}}^{1\%}$ 571, 338, 130, 161 0.1N HCl), 239, 287, 523 nm ($E_{1\text{ cm}}^{1\%}$ 450, 113, 127 0.1N NaOH); soluble in $CHCl_3$, EtOAc; insoluble in non-polar organic solvents; LD₅₀ mus ip = 22.6 mg/kg, (mus iv) = 33.7 mg/kg. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

4998 Acodazole

79152-85-5

$C_{20}H_{19}N_5O$

N-Methyl-N-[4-[(7-methyl-1H-imidazo[4,5-f]quinolin-9-yl)amino]phenylacetamide.

Antineoplastic agent.

4999 Acodazole Hydrochloride

55435-65-9

$C_{20}H_{20}ClN_5O$

N-Methyl-N-[4-[(7-methyl-1H-imidazo[4,5-f]quinolin-9-yl)amino]phenylacetamide monohydrochloride.

NSC-305884. Antineoplastic agent.

5000 Aconiazide

13410-86-1

$C_{15}H_{13}N_3O_4$

Isonicotinic acid [0-(carboxymethoxy)benzylidene]-hydrazide.

Antineoplastic agent.

5001 Acronine

7008-42-6

$C_{20}H_{19}NO_3$

3,12-Dihydro-6-methoxy-3,3,12-trimethyl-7H-

pyrano[2,3-c]acridin-7-one].

Acromycine; Acronine; Acronycine; Compound 42339; NCI-C01536; NSC-403169. Antineoplastic agent.

5002 Adozelesin

110314-48-2

$C_{30}H_{22}N_4O_4$

N-[2-[(4,5,8,8a-Tetrahydro-7-methyl-4-oxocyclopropa[c]pyrrolo[3,2-e]indol-2(1h-yl)carbonyl]-1H-indol-5-yl]benzofurancarboxamide.

U-73975. Antineoplastic agent. *Upjohn Ltd.*

5003 Adriamycin

25316-40-9 3495 246-818-3

$C_{27}H_{29}NO_{11} \cdot HCl$

(8S-cis)-10-[(3-Amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-5,12-naphthacenedione hydrochloride.

Adriacin; adriblastina; Doxorubicin hydrochloride; Adrib; DOX HC; hydroxydaunorubicin hydrochloride; DOXIL; 14-hydroxydaunomycin hydrochloride; NSC-123127. Antineoplastic agent. A freeze-dried powder containing lactose and doxorubicin hydrochloride. A prescription drug for injection as an antineoplastic agent. mp = 204-205°; $[\alpha]_D^{20} = 248^\circ$ (c = 1 MeOH); $\lambda_m = 233, 252, 288, 479, 529$ nm; soluble in H_2O , EtOH; insoluble in non-polar organic solvents; LD₅₀ (mus iv) = 21.1 mg/kg. *Farmitalia, Societa Farmaceutici.*

5004 Adriblastina

23214-92-8 3495 246-818-3

$C_{27}H_{29}NO_{11} \cdot HCl$

(8S-cis)-10-[(3-Amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-5,12-naphthacenedione hydrochloride.

Adriacin; adriblastina; Doxorubicin hydrochloride; Adrib; DOX HC; hydroxydaunorubicin hydrochloride; DOXIL; 14-hydroxydaunomycin hydrochloride; NSC-123127. Antineoplastic agent. A freeze-dried powder containing lactose and doxorubicin hydrochloride. A prescription drug for injection as an antineoplastic agent. mp = 204-205°; $[\alpha]_D^{20} = 248^\circ$ (c = 1 MeOH); $\lambda_m = 233, 252, 288, 479, 529$ nm; soluble in H_2O , EtOH; insoluble in non-polar organic solvents; LD₅₀ (mus iv) = 21.1 mg/kg. *Farmitalia, Societa Farmaceutici.*

5005 Adrucil

51-21-8 4219 200-085-6

$C_4H_3FN_2O_2$

5-Fluoro-2,4(1H,3H)-pyrimidinedione.

5-fluorouracil; Efudex; fluoroplex; Ro-2-9757; 5-FU; NSC-19893. Antineoplastic agent. Injectable formulation of 5-fluorouracil, an antineoplastic agent. mp = 282-283° (dec); $\lambda_m = 265-266$ nm (ϵ 7070 0.1N HCl); insoluble in H_2O ; LD₅₀ (rat orl) = 230 mg/kg. *Pharmacia & Upjohn, Inc.*; *Hoffmann-LaRoche Inc.*; *Allergan Herbert.*

5006 Alanosine

5854-93-3 207

$C_3H_7N_3O_4$

(-)-(S)-2-Amino-3-(hydroxynitrosamino)propionic acid.

Antibiotic isolated from *Streptomyces alanosinus*. Antineoplastic agent. Dec 190°; $[\alpha]_D = 8^\circ$ (1N HCl), -46°

(0.1N NaOPH), -37.8° (H_2O); λ_m 228 nm ($\epsilon_{1\text{cm}}^{1\%}$ 505 0.1N HCl), 250 nm ($\epsilon_{1\text{cm}}^{1\%}$ 630 0.1N NaOH); slightly soluble in H_2O , insoluble in the common organic solvents; LD₅₀ (mus ip) = 600 mg/kg, (mus iv) = 300 mg/kg. *Gruppo Lepetit S.p.A.*

5007 Aldesleukin

110942-02-4 5020

Interleukin-2.

T-cell growth factor; TCGF; Thymocyte Stimulating Factor; IL-2. Antineoplastic, antiviral agent.

5008 Alestramustine

139402-18-9

$C_{26}H_{36}Cl_2N_2O_4$

Estradiol 3-[bis(2-chloroethyl)carbamate] 17-ester with L-alanine.

Antineoplastic agent.

5009 Alexan

147-94-4 2853 205-705-9

$C_9H_{13}N_3O_5$

4-Amino-1- β -D-arabinofuranosyl-2(1H)-pyrimidinone.

1- β -D-arabinofuranosylcytosine; β -cytosine arabino-side; CHX-3311; U-19920; Alexan; Arabitin; Aracytidine; Aracytine; Ara-C; Cytosar; Cytosar U; Erpalfa; Iretin; Udicil. Antineoplastic, antiviral agent. mp = 212-213°; $[\alpha]_D^{23} = 158^\circ$ (c = 0.5, H_2O); $\lambda_m = 281, 212.5$ nm (ϵ 13171, 10230, pH 2). *Ciba-Geigy Corp.*

5010 Alferon

76543-88-9 5016

Alpha interferon.

alfa interferon; IFN- α ; LelF; leukocyte interferon; lymphoblastoid interferon. Antiviral, antineoplastic agent. Alpha interferon, natural (injectable form); used for the treatment of genital warts. *Interferon Sciences, Inc.*

5011 Alkeran Injection

148-82-3 5871 205-726-3

$C_{13}H_{18}Cl_2N_2O_2$

4-[Bis(2-chloroethyl)amino]-L-phenylalanine.

CB-3025; alanine nitrogen mustard; ; L-phenylalanine mustard hydrochloride; L-PAM; melfalan; melphalan; L-sarcosylsine; Sarcoclorin; NCS-8806 [as hydrochloride]. Antineoplastic agent. An intravenous formulation of melphalan; used for the treatment of localized malignant melanoma of the extremities and localized soft tissue sarcoma of the extremities by regional arterial perfusion. mp = 182-183°; $[\alpha]_D^{25} = 7.5^\circ$ (1.0N HCl); $[\alpha]_D^{22} = -31.5^\circ$ (MeOH, c = 0.67); insoluble in H_2O , soluble in EtOH; LD₅₀ (rat ip) = 4.5 mg/kg. *The Wellcome Foundation Ltd.*

5012 Alkeran Tablets

148-82-3 5871 205-726-3

$C_{13}H_{18}Cl_2N_2O_2$

4-[Bis(2-chloroethyl)amino]-L-phenylalanine.

CB-3025; alanine nitrogen mustard; ; L-phenylalanine mustard hydrochloride; L-PAM; melfalan; melphalan; L-sarcosylsine; Sarcoclorin; NCS-8806 [as hydrochloride]. Antineoplastic agent. A proprietary formulation of melphalan; for the palliative treatment of multiple myeloma and advanced ovarian adenocarcinoma. mp = 182-183°; $[\alpha]_D^{25} = 7.5^\circ$ (1.0N HCl); $[\alpha]_D^{22} = -31.5^\circ$ (MeOH, c = 0.67); insoluble in H_2O , soluble in EtOH; LD₅₀ (rat ip) =

4.5 mg/kg. *The Wellcome Foundation Ltd.*

5013 Altretamine

645-05-6 328



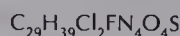
N,N,N',N',N,N-Hexamethyl-1,3,5-triazine-2,4,6-triamine.

Hexalen; HMM; ENT050852; Hexastat; NSC-13875.

Antineoplastic agent. mp = 172-174°; λ_m = 226 nm (ϵ 49400 EtOH); LD₅₀ (rat orl) = 350 mg/kg, (gpg orl) = 255 mg/kg. *U.S. Bioscience.*

5014 Ambamustine

85754-59-2

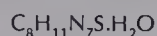


N-[3-[m-[Bis-(2-chloroethyl)amino]phenyl]-N-[3-(p-fluorophenyl)-L-alanyl]-L-alanyl]-L-methionine ethyl ester.

Antineoplastic agent.

5015 Ambazone

539-21-9 208-713-0



p-Benzoquinone amidinohydrazone thiosemicarbazone hydrate.

A membrane-active antitumor agent.

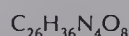
5016 Ambomycin

1402-81-9

NSC-53397. Antineoplastic antibiotic produced by *Streptomyces ambofaciens*. *Pfizer International.*

5017 Ametantrone Acetate

70711-40-9

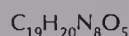


1,4-Bis[[2-[(2-hydroxyethyl)amino]ethyl]amino]-9,10-anthracenedione diacetate.

CI-881; NSC-287513. Antineoplastic agent. *Parke-Davis.*

5018 Aminopterin

54-62-6 493 200-209-9



N-[p-[[[(2,4-Diamino-6-pteridiny]methyl)amino]-benzoyl]glutamic acid.

Experimental antitumor agent. Also used as a rodenticide.

λ_m 261, 282, 373 nm (log ϵ 4.41, 4.39, 3.91 0.1N NaOH). *American Cyanamid.*

5019 Aminopterin Sodium

58602-66-7 493

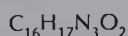


Sodium N-[p-[[[(2,4-diamino-6-pteridiny]methyl)amino]-benzoyl]glutamate.

Experimental antitumor agent. Also used as a rodenticide. *American Cyanamid.*

5020 Amonafide

69408-81-7

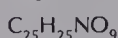


3-Amino-N-[2-(dimethylamino)ethyl]naphthalimide.

Antitumor agent.

5021 Amrubicin

110267-81-7



(±)-(7S,9S)-9-Acetyl-9-amino-7-[(2-deoxy-β-D-erythropentopyranosyl)oxy]-7,8,9,10-tetrahydro-6,11-dihydroxy-5,12-naphthacenedione.

Experimental antitumor agent.

5022 Amsacrine

51264-14-3 635 257-094-3



N-[4-(9-Acridinylamino)-3-methoxyphenyl]-methanesulfonamide.

m-AMSA; CI-880; SN-11841; Amerkin; Amsidine; Amsidyl; Lamasine; NSC-249992. Antineoplastic agent.

LD₅₀ (mus orl) = 810 mg/m².

5023 Amsidyl

51264-14-3 635 257-094-3



N-[4-(9-Acridinylamino)-3-methoxyphenyl]-methanesulfonamide.

amsacrine; m-AMSA; CI-880; SN-11841; Amerkin; Amsidine; Amsidyl; Lamasine; NSC-249992.

Antineoplastic agent. LD₅₀ (mus orl) = 810 mg/m². *Parke-Davis.*

5024 Anastrozole

120511-73-1 667

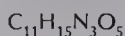


α,α,α',α'-Tetramethyl-5-(1H-1,2,4-triazol-1-ylmethyl)-1,3-benzenediacetonitrile.

Arimidex; D-1033; ZD-1033. Antineoplastic agent. Used in breast cancer treatment. mp = 81-82°. *ICI; Zeneca Pharmaceuticals.*

5025 Anaxirone

77658-97-0 278-745-8



Tris(2,3-epoxypropyl)bicarbamide.

Experimental antitumor agent.

5026 Ancitabine Hydrochloride

10212-25-6 670

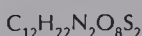


(2R,3R,3aS,9aR)-2,3,3a,9a-Tetrahydro-3-hydroxy-6-imino-6H-furo[2',3';4,5]oxazol[3,2-a]pyrimidine-2-methanol.

cyclocytidine; cyclocytidine hydrochloride; cycloCMP hydrochloride; NSC-145668; 1β-D-arabinofuranosyl-2,2'-anhydro-, hydrochloride; OCTD hydrochloride; 2,2'-o-Cyclocytidine; 2, 2'-Anhydro-1β-D-arabinofuranosyl-cytosine hydrochloride. Antineoplastic agent. mp = 248-250°; $[\alpha]_D^{23}$ = -21.8° (H₂O, c = 2.0); λ_m = 262, 231 nm (ϵ 10600, 9400, pH 1-7). *Merck & Co., Inc.*

5027 Ancyte

2608-24-4 7635

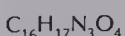


Piposulfan.

1,4-bis[3-[(methylsulfonyl)oxy]-1-oxopropyl]piperazine; NSC-47774; Ancyte; A-20968; Piposulfan. Antineoplastic agent. mp = 175-177°. *Abbott Labs.*

5028 Anthramycin

4803-27-4 724



3-(5,10,11,11a)-Tetrahydro-9,11-dihydroxy-8-methyl-5-oxo-1H-pyrrolo[2,1-c][1.4]benzodiazepin-2-yl-2-

propenamide.

NRRL-3143. Antineoplastic agent. Isolated from *Streptomyces refuineus*. mp = 188-194°; λ_m = 235, 333 nm (ϵ 18200, 31800, CH₃CN); [α]_D²⁵ = + 930°. *Hoffmann-LaRoche Inc.*

5029 Apigenin

520-36-5 773 208-292-3

C₁₅H₁₀O₅

5,7-Dihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one.

apigenine; pelargidenon 1449; Versulin; 4',5,7-Trihydroxyflavone; 5,7,4'-Trihydroxyflavone; Naringenin chalcone. A yellow dyestuff obtained by decomposing apiine, a glucoside found in parsley. A MAP kinase inhibitor. Also inhibits the proliferation of malignant tumor cells. mp = 345-350°; λ_m = 269, 340 nm (ϵ 18800, 20900 EtOH); insoluble in H₂O, soluble in EtOH.

5030 Asparaginase

9015-68-3 871

L-Asparaginase aminohydrolase.

colaspase; L-asnase; E.C. 3.5.1.1.; MK-965; Crasnitin; Elspar; Kidrolase; Leunase; NSC-109229. Antineoplastic agent. [α]_D²⁰ = -31°; λ_m = 278 nm (A_{1 cm}^{12%} 7.1 0.03M sodium phosphate at pH 7.3); soluble in H₂O, insoluble in organic solvents.

5031 Asperlin

30387-51-0

C₁₀H₁₂O₅

5-(Acetyloxy)-5,6-dihydro-6-(3-methoxyoxiranyl)-2H-pyran-2-one.

Upjohn 224b; U-13933; NSC-93158. Antineoplastic antibiotic Derived from *Aspergillus nidulans*. *Upjohn Ltd.*

5032 Asulacrine

80841-47-0

C₂₄H₂₄N₄O₄S

9-[2-Methoxy-4-(methylsulfonylamino)anilino]-N,5-dimethylacridine-4-carboxamide.

CI-921; NSC-343499. Potential anti-tumor agent.

5033 Atrimustine

75219-46-4

C₄₁H₄₇Cl₂NO₆

Estradiol 3-benzoate 17-glycolate

4-[p-[bis(2-chloroethyl)amino]phenyl]butyrate.

Used as an antitumor agent.

5034 Azacitidine

320-67-2 923 206-280-2

C₈H₁₂N₄O₅

4-Amino-1-β-D-ribofuranosyl-1,3,5-triazin-2(1H)-one.

Azacitidine; 5 AZC; 5-AC; 5-AZCR; Antibiotic U 18496; ladakamycin; U-18496; WR-183027; mylosar; Azacitidine; 5-Azacitidine; 5-AzaC; NSC-102816. Antineoplastic agent. An RNA/DNA antimetabolite. Used as an antineoplastic agent. mp = 228-230° (dec); [α]_D²⁰ = 40° (c = 1 H₂O); λ_m = 241 nm (ϵ 8767 H₂O); LD₅₀ (mus orl) = 572 mg/kg.

5035 Azaserine

115-02-6 932

C₅H₇N₃O₄

L-Serine diazoacetate.

CI-337; CN-15757; P-165; NSC-742. Antifungal with antineoplastic activity. mp = 146-162° (dec); [α]_D^{27.5} = -0.5° (H₂O, pH 5.18, c = 8.46); λ_m = 250.5 nm (E_{1 cm}^{1%} 1140, pH 7), 252 nm (E_{1 cm}^{1%} 1230 0.1N NaOH); soluble in H₂O, less soluble in organic solvents; LD₅₀ (mus orl) = 150 mg/kg, (rat orl) = 170 mg/kg. *Parke-Davis.*

5036 Azetepa

125-45-1

C₈H₁₄N₅OPS

P,P-Bis(1-aziridinyl)-N-ethyl-N-1,3,4-thiadiazol-2-yl phosphinic amide.

CL-25477; NSC-64826. Antineoplastic agent.

5037 Azimexon

64118-86-1 264-679-7

C₁₉H₁₄N₄O

1-[(1-(2-Cyano-1-aziridinyl)-1-methylethyl)-2-aziridinecarboxamide.

Immunomodulator. Used in cancer treatment.

5038 Azotomycin

7644-67-9

C₁₇H₂₃N₇O₈

6-Diazo-N-(6-diazo-N-L-α-glutamyl-5-oxo-L-norleucyl)-5-oxo-L-norleucine.

Diazomycin B; Duazomycin B; NSC-56654. Antineoplastic antibiotic produced by *Streptomyces ambofaciens*. *Pfizer International.*

5039 Batimastat

130370-60-4 1036

C₂₃H₃₁N₄O₃S₂

[2R-[1(S*),2R*,3S*]]-N⁴-Hydroxy-N¹-[2-(methylamino)-2-oxo-1-(phenylmethyl)ethyl]-2-(2-methylpropyl)-3-[(2-thienylthio)methyl]butanediamide.

BB-94. Antineoplastic agent adjunct. Antimetastatic agent. mp = 236-238°. *British Bio-Technology Ltd.*

5040 Benaxibine

27661-27-4

C₁₂H₁₅NO₆

p-(D-Xylosylamino)benzoic acid.

Potential antitumor agent.

5041 Bendamustine

16506-27-7

C₁₆H₂₁Cl₂N₃O₇

5-[Bis(2-chloroethyl)amino]-1-methyl-2-benzimidazolebutyric acid.

Antineoplastic agent.

5042 Benzodepa

1980-45-6 1118

C₁₂H₁₆N₃O₃P

[Bis(1-aziridinyl)phosphinyl]carbamic acid phenylmethyl ester.

AB-103; Dualar; NSC-37096. Antineoplastic agent. mp = 134-135°; insoluble in H₂O, soluble in organic solvents.

5043 Besigomsin

58546-54-6

C₂₃H₂₈O₇

(+)-(6S,7S, Biar-R)-5,6,7,8-tetrahydro-1,2,3,13-tetra-

methoxy-6,7-dimethylbenzo[3,4]cycloocta[1,2-f]-[1,3]benzodioxol-6-ol.

A lignan component of *Schizandra* fruits which inhibits development of preneoplastic lesions.

5044 BiCNU

154-93-8 1894 205-838-2

$C_5H_9Cl_2N_3O_2$

N,N'-Bis(2-chloroethyl)-N-nitrosourea.

Carmustine; Gliadel; BCNU; NSC-409962; Becenun; Carmubris; Nitrumon. Antineoplastic agent. mp = 30-32°; LD₅₀ (mus orl) = 19-25 mg/kg, (mus ip) = 26 mg/kg, (mus sc) = 24 mg/kg, (rat orl) = 30-34 mg/kg. *Bristol-Myers Oncology*.

5045 Bisantrene

78186-34-2 1284

$C_{22}H_{22}N_8$

9,10-Anthracenedicarboxaldehyde bis[(4,5-dihydro-1H-imidazol-2-yl)hydrazone].

Antineoplastic agent.

5046 Bisantrene Hydrochloride

71439-68-4 1284

$C_{22}H_{24}Cl_2N_8$

9,10-Anthracenedicarboxaldehyde bis[(4,5-dihydro-1H-imidazol-2-yl)hydrazone] dihydrochloride.

CL-216942; ADAH; ADCA; ; NSC-337776; Orange Crush; Zantrene. Antineoplastic agent. mp = 288-289° (hemihydrate); λ_m = 260, 415 nm (ϵ 72700, 16300 H₂O).

5047 Bisnafide

144849-63-8

$C_{32}H_{28}N_6O_8$

[R-(R*,R*)]-2,2'-[1,2-Ethanediybis[imino(1-methyl-2,1-ethanediy)]bis[5-nitro-1H-benz[d,e]isoquinoline-1,3(2H)-dione].

Antineoplastic agent. *DuPont Merck Pharmaceutical Co.*

5048 Bisnafide Dimesylate

145124-30-7

$C_{34}H_{36}N_6O_{14}S$

2,2'-[1,2-Ethanediybis[imino(1-methyl-2,1-ethanediy)]bis[5-nitro-1H-benz[d,e]isoquinoline-1,3(2H)-dione [R-(R*,R*)] dimethanesulfonate.

VersaLuma; DMP-840. Antineoplastic agent. *DuPont Merck Pharmaceutical Co.*

5049 Bizelesin

129655-21-6

$C_{43}H_{36}Cl_2N_8O_5$

[S-(R*,R*)]-6, 6'-[Carbonylbis(imino-1H-indole-5,2-diylcarbonyl)]bis[8-(chloromethyl)-3,6,7,8-tetrahydro-1-methyl-benzo[1,2-b:4,3-b']dipyrrol-4-ol.

U-77779; NSC-615291. Antineoplastic agent. *Upjohn Ltd.*

5050 Blenoxane

9041-93-4 1351 232-925-2

$C_{55}H_{84}N_{17}O_{21}S_3$

N'-[3-(Dimethylsulfonyl)-propyl]bleomycinamide.

Bleomycin sulfate. Antineoplastic agent. Very soluble in H₂O, MeOH; slightly soluble in EtOH; Practically insoluble in Me₂OH, EtOAc, ether; λ_m = 244-248, 289-294 nm (ϵ _{1cm}^{1%} 121-148, 102-121). *Bristol-Myers*

Oncology.

5051 Bleomycin

11056-06-7 1351 232-925-2

$C_{55}H_{84}N_{17}O_{21}S_3$

Bleo; NSC-125066. Antineoplastic agent. An antineoplastic antibiotic produced by *Streptomyces verticillus*. Very soluble in H₂O, MeOH; slightly soluble in EtOH; Practically insoluble in Me₂OH, EtOAc, ether; λ_m = 244-248, 289-294 nm (ϵ _{1cm}^{1%} 121-148, 102-121). *Bristol-Myers Oncology*.

5052 Bleomycin sulfate

9041-93-4 1351 232-925-2

$C_{55}H_{84}N_{17}O_{21}S_3$

N'-[3-(Dimethylsulfonyl)-propyl]bleomycinamide.

Blenoxane. Antineoplastic agent. Antineoplastic. A mixture of glycopeptide antibiotics isolated from a strain of *Streptomyces verticillus* and converted into sulfates. *Bristol-Myers Oncology*.

5053 Brequinar

96187-53-0 1394

$C_{23}H_{15}F_2NO_2$

6-Fluoro-2-(2'-fluoro-[1,1'-biphenyl]-4-yl)-3-methyl-4-quinolinecarboxylic acid.

Bipheniquinate; BPQ; DUP-785; NSC-368390.

Antineoplastic agent. mp = 315-317°; soluble in H₂O, DMF. *E. I. Du Pont de Nemours Inc.*

5054 Brequinar Sodium

96201-88-6 1394

$C_{23}H_{14}F_2NNaO_2$

6-Fluoro-2-(2'-fluoro-[1,1'-biphenyl]-4-yl)-3-methyl-4-quinolinecarboxylic acid sodium salt.

Antineoplastic agent. mp > 360°; soluble in H₂O. *E. I. Du Pont de Nemours Inc.*

5055 Bromebric Acid

5711-40-0

$C_{11}H_9BrO_4$

(E)-3-p-Anisoly-3-bromoacrylic acid.

Antitumor agent.

5056 Bromebric Acid Sodium Salt

21739-91-3

$C_{11}H_8BrNaO_4$

(E)-3-p-Anisoly-3-bromoacrylic acid sodium salt.

Cytembena. Antitumor agent.

5057 Broprimine

56741-95-8

$C_{10}H_8BrN_3O$

2-Amino-5-bromo-6-phenyl-4(3H)-pyrimidinone.

U-54461. Antiviral, antitumor agent. *Upjohn Ltd.*

5058 Broxuridine

59-14-3

$C_9H_{11}BrN_2O_5$

5-Bromo-2'-deoxyuridine.

bromodeoxyuridine; 5-bromodeoxyuridine; bromouracil deoxyriboside; 5-bromouracil; NSC-38297; 5-bromouracil-2-deoxyriboside; broxuridine; BDU; 5-BDU; BRUDR; BUDR. Antineoplastic agent.

5059 Budotitane

85969-07-9

 $C_{24}H_{28}O_6Ti$

Diethoxybis(1-phenyl-1,3-butanedionato)titanium.

A titanium-containing antineoplastic agent.

5060 Cactinomycin

8052-16-2

1642

Actinomycin C.

Sanamycin; NSC-18268. Antineoplastic agent.

5061 Capecitabine

154361-50-9

 $C_{15}H_{22}FN_3O_6$ [1-(5-Deoxy- β -D-ribofuranosyl)-5-fluoro-1,2-dihydro-2-oxo-4-pyrimidinyl]-carbamic acid pentyl ester.Ro-09-1978/000. Antineoplastic agent. *Hoffmann-LaRoche Inc.***5062 Caracemide**

81424-67-1

 $C_6H_{11}N_3O_4$

N-[(Methylamino)carbonyl]-N-

[(methylamino)carbonyl]oxy acetamide.

NSC-253272. Antineoplastic agent.

5063 Carbetimer

82230-03-3

N-137. Antineoplastic agent. 2,5-furandione polymer with ethylene, reaction product with ammonia.

5064 Carboplatin

41575-94-4

1870

 $C_6H_{12}N_2O_4Pt$

cis-Diammine(1,1-cyclobutanedicarboxylato)platinum.

Paraplatin; JM-8; NSC-241240. Antineoplastic agent.

Soluble in H_2O ; LD_{50} (mus ip) = 150 mg/kg, (mus iv) = 140 mg/kg; (rat iv) = 85 mg/kg. *Bristol-Myers Oncology.***5065 Carboquone**

24279-91-2

1872

 $C_{15}H_{19}N_3O_5$

2,5-8is(1-aziridinyl)-3-(2-hydroxy-1-methoxyethyl)-6-methyl-p-benzoquinone carbamate ester.

carbarylquinone, Esquinone; NSC-134679. Antineoplastic agent. mp = 202° (dec); insoluble in H_2O , slightly soluble in organic solvents; LD_{50} (mus orl) = 30.8 mg/kg, (mus iv) = 6.09 mg/kg, (mus ip) = 3.84 mg/kg; (rat orl) = 28.0 mg/kg, (rat iv) = 3.88 mg/kg, (rat ip) = 3.16 mg/kg.**5066 Carmofur**

61422-45-5

1892

 $C_{11}H_{16}FN_3O_3$

5-Fluoro-N-hexyl-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinecarboxamide.

HCFU; Mifurof; Yamafur. Antineoplastic agent. Orally active, cytostatic. mp = 110-111°; λ_m = 258 nm (ϵ 11,600 $CHCl_3$).**5067 Carmustine**

154-93-8

1894

205-838-2

 $C_5H_9Cl_2N_3O_2$

N,N'-Bis(2-chloroethyl)-N-nitrosourea.

Bischloroethyl nitrosourea; 8iCNU; 8CNU; N,N'-bis(2-chloroethyl)-N-nitrosourea; N,N-8is (2-chloroethyl)-N-

nitrosourea; Bis(2-chloroethyl)nitrosourea; Carmubris; Carmustin; FDA 0345; Nitrumon; NSC-409962; NSC-409962; SK-27702; SRI-1720; 1,3-8is(β -chloroethyl)-1-nitrosourea; 1,3-8is(2-chloroethyl)-1-nitrosourea; 1,3-8is(2-chloroethyl)nitrosourea. Antineoplastic agent. mp = 30-32°; soluble in H_2O (4 mg/ml), more soluble in organic solvents; LD_{50} (rat orl) = 30-34 mg/kg.**5068 Carubicin**

50935-04-1

1921

 $C_{26}H_{27}NO_{10}$ (8S-cis)-8-Acetyl-10-[(3-amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-1,6,8,11-tetrahydroxy-5,12-naphthacenedione.Carminomicin I; Carminomycin; Carminomycin I; Carubicin; CARMINOMYCIN; Karminomitsin; NSC-180024. Antineoplastic agent. Anthracycline antibiotic isolated from *Actinomadura carminata*.**5069 Carubicin Hydrochloride**

52794-97-5

1921

 $C_{26}H_{28}ClNO_{10}$ (8S-cis)-8-Acetyl-10-[(3-amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-1,6,8,11-tetrahydroxy-5,12-naphthacenedione hydrochloride.Carminomycin hydrochloride; Carubicin hydrochloride; Karminomycin hydrochloride. Antineoplastic agent. Anthracycline antibiotic isolated from *Actinomadura carminata*. [α_D^{20} = 289°; λ_m = 236, 255, 462, 478, 492 nm; soluble in H_2O , MeOH; insoluble in organic solvents; LD_{50} (mus orl) = 7.3 mg/kg, (mus iv) = 1.3 mg/kg, (mus sc) = 3.7 mg/kg.**5070 Carzelesin**

119813-10-4

 $C_{41}H_{37}ClN_6O_5$

(S)-N-[2-[[[1-(Chloromethyl)-1,6-dihydro-8-methyl-5-[[[phenylamino]carbonyl]oxy]benzo[1,2-b;4,3-b']dipyrrol-3(2H)-yl]carbonyl]-1H-indol-5-yl]-6-diethylamino)-2-benzofurancarboxamide.

U-80244. Antineoplastic agent.

5071 CeeNU

13010-47-4

5594

235-859-2

 $C_9H_{16}ClN_3O_2$

N-(2-Chloroethyl)-N'-cyclohexyl-N-nitrosourea.

Lomustine; CCNU; RB-1509; Belustine; Cecenu; CiNU; NSC-79037. Antineoplastic agent. mp = 90°; insoluble in H_2O , soluble in organic solvents; LD_{50} (mus orl) = 51 mg/kg, (mus ip) = 56 mg/kg, (mus sc) = 61 mg/kg. *Bristol-Myers Oncology.***5072 Cemadotin**

159776-69-9

 $C_{35}H_{56}N_6O_5$

N,N-Dimethyl-L-valyl-L-valyl-N-methyl-L-valyl-L-prolyl-N-benzyl-L-prolinamide.

Potential antitumor agent.

5073 Chlorambucil

305-03-3

2116

 $C_{14}H_{19}Cl_2NO_2$

4-[Bis(2-chloroethyl)amino]benzenebutanoic acid.

Leukeran Tablets; 4-[p-[bis(2-chloroethyl)amino]phenyl]-butyric acid; Ambochlorin; Leukeran; chloraminophene;

CB-1348; NSC-3088. Antineoplastic agent. A proprietary formulation of chlorambucil; for treatment of chronic lymphocytic leukemia, Hodgkins disease, certain forms of non-Hodgkins lymphoma, Walderstroms macro--globuliremia and advanced ovarian adenocarcinoma. mp = 64-66°; soluble in Et₂O, alcohol, CHCl₃, Me₂OH; insoluble in H₂O; LD₅₀ (rat ip) = 17.7 mg/kg. *Glaxo Wellcome Inc.*

5074 Chlornaphazine

494-03-1 2157

C₁₄H₁₅Cl₂N

N,N-Bis(2-chloroethyl)-2-naphthylamine.

CB-1048; R-48; Cloronaftina; Erysan; NSC-62209. Antineoplastic agent. mp = 54°; bp = 210°; poorly soluble in H₂O (< 0.1 mg/l), more soluble in organic solvents.

5075 Chromomycin A3

7059-24-7 2295

C₅₇H₈₂O₂₆

3β-O-(4-O-acetyl-2,6-dideoxy-3-C-methyl-α-L-arabino-hexopyranosyl)-7-methylolivomycin D.

Aburamycin B; Chromomycin; Toyomycin; NSC-58514. Antineoplastic agent. mp = 185° (dec); [α]_D²³ = -55° (EtOH); λ_m = 230, 281, 304, 318, 330, 412 nm (log ε 4.39, 4.72, 3.85, 3.92, 3.84, 4.07); LD₅₀ (mus iv) = 1.85 mg/kg, (mus ip) = 1.7 mg/kg.

5076 Ciafalan Zinc

14320-04-8

C₃₂H₁₆N₈Zn

(SP-4-1)-(Phthalocyaninato(2-)-N²⁹,N³⁰,N³¹,N³²)zinc.

Used in photodynamic therapeutic treatment of cancer.

5077 Cirolemycin

11056-12-5

U-12241. Antineoplastic antibiotic produced by *Streptomyces bellus*.

5078 Cisplatin

15663-27-1 2378 239-733-8

Cl₂H₆N₂Pt

cis-Diamminedichloroplatinum.

cis-diamminedichloroplatinum; cis-platinum II; cis-DDP; CACP; CPDC; DDP; Briplatin; Cismaplat; Cisplatyl; Citoplatino; Lederplatin; Neoplatin; Platamine; Platinex; Platiblastin; Platinol; Platinoxan; Platistin; Platosin; Rand; NSC-119875. Antineoplastic agent. mp = 270° (dec); soluble in H₂O (253 mg/100g), insoluble in organic solvents; LD₅₀ (gpg ip) = 9.7 mg/kg. *Lederle Labs.*

5079 Cladribine

4291-63-8 2397

C₁₀H₁₂ClN₅O₃

2-Chloro-2'-deoxyadenosine.

leustatin; RWJ-26251; NSC-105014; cladribine; 2-CdA; CldAdo. Antineoplastic agent. mp = 220° (softens); [α]_D²⁵ = -18.8° (DMF, c = 1.0); λ_m = 265 nm (0.1N NaOH), 265 nm (0.1N HCl). *Ortho Biotech Inc.*

5080 Clanfenur

51213-99-1

C₁₆H₁₅ClFN₃O₂

1-(p-Chlorophenyl)-3-(6-fluoro-N,N-

dimethylantraniloyl)urea.

Antineoplastic.

5081 Condylin

518-28-5 7704 208-250-4

C₂₂H₂₂O₈

[5R-(5α,5aβ,8aα,9α)]-5,8,8a,9-Tetrahydro-9-hydroxy-5-(3,4,5-trimethoxyphenyl)-furo[3',4':6,7]naphtho[2,3-d]-1,3-dioxol-6(5aH)-one.

Bisoprolol; podofilox; podophyllotoxin; NSC-24818. mp = 114-118°, 183-184°; [α]_D²⁰ = -132.7° (CHCl₃); soluble in H₂O (120 mg/l), more soluble in organic solvents; LD₅₀ (rat iv) = 8.7 mg/kg, (rat ip) = 15 mg/kg. *E. Merck.*

5082 Crisnatol

96389-68-3

C₂₃H₂₃NO₂

2-[(6-Chrysenylmethyl)amino]-2-methyl-1,3-propanediol.

BW-A770U. Antineoplastic agent. *Glaxo Wellcome Inc.*

5083 Crisnatol Mesylate

96389-69-4

C₂₄H₂₇NO₅S

2-[(6-Chrysenylmethyl)amino]-2-methyl 1,3-propanediol methanesulfonate (salt).

BW-A770U mesylate. Antineoplastic agent. *Glaxo Wellcome Inc.*

5084 Cyclophosphamide

50-18-0 2816 200-015-4

C₇H₁₅Cl₂N₂O₂P

(Bis(chloro-2-ethyl)amino)-2-tetrahydro-3,4,5,6-oxazaphosphorine-1,3,2-oxide-2 hydrate.

ASTA-B-518; Clafen; Claphene; Cyclophosphamid; Cyclophosphamide; Cyclophosphamidum; Cyclophosphan; Cyclophosphane; Cyclostin; Cytophosphan; Cytoxan; NSC-26271; CB-4564; CP; CPA; CTX; CY; Endoxan; Endoxan R; Endoxan-Asta; Endoxana; Endoxanal; Endoxane; Enduxan; Genoxal; Hexadrin; Mitoxan; Neosar; NCI-C04900; Procytox; Semdolan; Sendolan; Senduxan; SK 20501; Zyklophosphamid. Antineoplastic agent. mp = 41-45°; soluble in H₂O (40 g/l), less soluble in organic solvents; LD₅₀ (rat orl) = 94 mg/kg. *Pharmacia & Upjohn, Inc.*; *Bristol-Myers Oncology.*

5085 Cyclophosphamide, Hydrated

6055-19-2 2816

C₇H₁₅Cl₂N₂O₂P.H₂O

N,N-bis(2-Chloroethyl)tetrahydro-2H-1,3,2-oxazaphosphorin-2-amine 2-oxide.

2-[bis(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide; 1-bis-(2-chloroethyl)amino-1-oxa-2-aza-5-oxaphosphoridin; B 518; Cycloblastin; Cyclostin; Endoxan; Procytox; Sendolan; Cytoxan; NSC-26271. Antineoplastic agent. mp = 41-45°; soluble in H₂O (40 g/l), less soluble in organic solvents; LD₅₀ (rat orl) = 94 mg/kg. *Degussa AG.*

5086 Cytadren

125-84-8 460 204-756-4

C₁₃H₁₆N₂O₂

3-(4-Aminophenyl)-3-ethyl-2,6-piperidinedione.

aminogluthimide; p-Aminogluthimide; Amino-gluthimide; Ba-16038; Elipten; NSC-330915; 2-(p-Aminophenyl)-2-ethylglutarimide; 3-(4-aminophenyl)-3-

ethyl-2,6-piperidinedione. Antineoplastic agent. mp = 149-150°; insoluble in H₂O, soluble in organic solvents. *Ciba-Geigy Corp.*

5087 Cytarabine

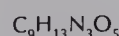
147-94-4 2853 205-705-9



4-Amino-1-β-D-arabinofuranosyl-2(1H)-pyrimidinone. 1-β-D-arabinofuranosylcytosine; β-cytosine arabino-side; CHX-3311; U-19920; Alexan; Arabitin; Aracytidine; Aracytine; Ara-C; Cytosar; Cytosar U; Erpalfa; Iretin; Udicil; NSC-287459. Antineoplastic agent and antiviral agent. mp = 212-213°; $[\alpha]_D^{23} = 158^\circ$ (c = 0.5, H₂O); $\lambda_m = 281, 212.5 \text{ nm}$ (ε 13171, 10230, pH 2). *Ciba-Geigy Corp.*

5088 Cytosar-U

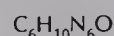
147-94-4 2853 205-705-9



4-Amino-1-β-D-arabinofuranosyl-2(1H)-pyrimidinone. 1-β-D-arabinofuranosylcytosine; β-cytosine arabino-side; CHX-3311; U-19920; Alexan; Arabitin; Aracytidine; Aracytine; Ara-C; Cytosar; Cytosar U; Erpalfa; Iretin; Udicil; NSC-287459. Antineoplastic agent and antiviral agent. mp = 212-213°; $[\alpha]_D^{23} = 158^\circ$ (c = 0.5, H₂O); $\lambda_m = 281, 212.5 \text{ nm}$ (ε 13171, 10230, pH 2). *Ciba-Geigy Corp.*

5089 Dacarbazine

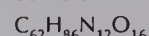
4342-03-4 2866 224-396-1



5-(3,3-Dimethyl-1-triazenyl)-1H-imidazole-4-carboxamide. (Dimethyltriazeno)imidazolecarboxamide; Dacarbazine; Deticene; NSC-45388; Dimethyltriazenoimidazolecarboxamide; DIC; DTIC; DTIC-Dome; DTIE; Imidazole carboxamide; ICDMT; ICDT; NCI-C04717. Antineoplastic agent. Dec (explosive) 250-255°; $\lambda_m = 237 \text{ nm}$ (ε 11200 pH 7); insoluble in H₂O (10 mg/100 ml), organic solvents; LD₅₀ (rat orl) = 2147 mg/kg. *Bayer Corp., Pharmaceutical Div.*

5090 Dactinomycin

50-76-0 2867



Di-.xi.-lactone N,N'-[(2-amino-4,6-dimethyl-3-oxo-3H-phenoxazine-1,9-diyl)bis(carbonylimino)[2-(1-hydroxyethyl)-1-oxo-2,1-ethanediy]imino][2-(1-methylethyl)-1-oxo-2,1-ethanediy]-1,2-pyrrolidinediylcarbonyl(methylimino)(1-oxo-2,1-ethanediy]bis[N-methyl]-L-valine.

Actinomycin 7; Actinomycinindioic D acid, dilactone; NSC-3053; Actinomycin A IV; Actinomycin AIV; Actinomycin D; Actinomycin IV; Actinomycin X 1; actinomycin[thr-val-pro-sar-meal]; Cosmegen; C1; Dactinomycin; Dactinomycin D; Dilactone actinomycin D acid; Dilactone actinomycinindioic D acid; HBF-386; Lyovac cosmegen; meractinomycin; NCI-C04682; Oncostatin K. Antineoplastic agent. Antibiotic from *Streptomyces parvullus*. mp = 241-243° (dec); $[\alpha]_D^{28} = -315^\circ$ (MeOH, c = 0.25); $\lambda_m = 244, 441 \text{ nm}$ ($A_{1\text{cm}}^{1\%}$ 281, 206); soluble in organic solvents; light sensitive; LD₅₀ (mus orl) = 13.0 mg/kg, (rat orl) = 7.2 mg/kg. *Merck & Co., Inc.*

5091 Datelliptium Chloride

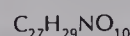
105118-14-7



2-[2-(Diethylamino)ethyl]-9-hydroxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazolium chloride. Antineoplastic.

5092 Daunorubicin

20830-81-3 2890



8-Acetyl-10-[(3-amino-2,3,6-trideoxy-α-L-lyxohexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-(8S-cis)-5,12-Naphthacenedione monohydrochloride.

Antibiotics from *Streptomyces coeruleorubidus*; Cerubidine; Daunoblastin; Daunomycin; NSC-83142; Daunomycin, hydrochloride; Daunorubicin hydrochloride; NDC-0082-4155; Ondena; Rubidomycin hydrochloride; RP-13057; RUBIDOMYCIN. Antineoplastic agent. mp = 208-209°; LD₅₀ (mus iv) = 20 mg/kg, (mis ip) = 5 mg/kg, (rat iv) = 13 mg/kg, (rat ip) = 8 mg/kg. *Rhône-Poulenc Rorer Pharmaceuticals Inc.; Wyeth-Ayerst Labs.*

5093 Daunorubicin Hydrochloride

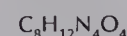
23541-50-6 2890



8-Acetyl-10-[(3-amino-2,3,6-trideoxy-α-L-lyxohexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-(8S-cis)-5,12-Naphthacenedione. Cerubidine; Daunoblastin; Daunomycin hydrochloride; DAUNORUBICIN HCL; NSC-82151; NDC-0082-4155; Ondena; Rubidomycin hydrochloride; RP-13057 hydrochloride; RUBIDOMYCIN; RUBOMYCIN C. Antineoplastic agent. mp = 188-190° (dec); $[\alpha]_D^{20} = 248^\circ$ (MeOH, c = 0.05-0.10); soluble in H₂O, polar organic solvents; insoluble in non-polar organic solvents; $\lambda_m = 234, 252, 290, 480, 495, 532 \text{ nm}$ ($E_{1\text{cm}}^{1\%} = 665, 462, 153, 214, 218, 112, \text{ MeOH}$); LD₅₀ (mus iv) = 26 mg/kg. *Rhône-Poulenc Rorer Pharmaceuticals Inc.; Wyeth-Ayerst Labs.*

5094 Decitabine

2353-33-5



4-Amino-1-(2-deoxy-β-D-erythropentofuranosyl)-3,5-triazin-2(1H)-one. 5-Aza-2'-deoxycytidine; NSC-127716; Decitabine. Antineoplastic agent. *Pharmachemie U.S.A., Inc.*

5095 Defosfamide

3733-81-1 2917

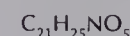


N,N-Bis(2-chloroethyl)-N'-(3-hydroxypropyl)phosphorodiamidic acid 2-chloroethyl ester.

8-612; B 612-Asta; Defosamid; Defosfamide; Desmofosfamide; Desmophosphamidum; Mitarsen; NSC-40627. Antineoplastic agent. Liquid; sg = 1.3675; insoluble in H₂O, soluble in organic solvents.

5096 Demecolcine

477-30-5 2938



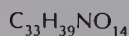
Deacetyl-N-methylcolchicine.

C-12669; Alkaloid H 3, from *Colchicum autumnale*; C-12669; Ciba 12669 A; Colcemide; Colchamine; NSC-3096; Colchicine, N-deacetyl-N-methyl-; Kolchamin; Kolkamin; Omaine; Reichstein's F; Santavy's substance F;

Substance F. Antineoplastic agent. mp = 186°; $[\alpha]_D^{20}$ = -129.0° (CHCl₃ c = 1); λ_m = 245 355 nm (log ϵ 4.55 4.24 EtOH); soluble in acid solutions, organic solvents.

5097 Detorubicin

66211-92-5



2-(Diethyl acetal) glyoxylic acid 3² ester doxorubicin b. Antineoplastic.

5098 Dexormaplatin

96392-96-0

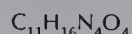


(+)-trans-Tetrachloro(1,2-cyclohexanediamine)platinum. U-78938. Antineoplastic agent. *Pharmacia & Upjohn, Inc.*

5099 Dexrazoxane

24584-09-6

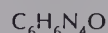
8295



4,4'-(1-Methyl-1,2-ethanediyl)bis-2,6-piperazinedione. ICI-59118; ICRF-159; Razoxin; Zinecard; ADR-529; NSC-129943; Cardioxane [as (+) hydrochloride]; Eucardion [as (+) hydrochloride]. Cardioprotectant The (+) isomer is a cardioprotectant. The (±) form is an antineoplastic. [(+) isomer]: mp = 193°; $[\alpha]_D$ = 11.35° (DMF c = 5); soluble in H₂O (10 mg/ml), organic solvents. *Pharmacia & Upjohn, Inc.*

5100 Dezaguanine

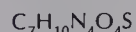
41729-52-6



6-Amino-1,5-dihydro-4H-imidazo[4,5-c]pyridin-4-one. CI-908; ICN-4221; NSC-261726. Antineoplastic agent. *Parke-Davis.*

5101 Dezaguanine Mesylate

87434-82-0

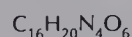


6-Amino-1,5-dihydro-4H-imidazo[4,5-c]pyridin-4-one methanesulfonate. CI-908 mesylate; PD 90695-73. Antineoplastic agent. *Parke-Davis.*

5102 Diaziquone

57998-68-2

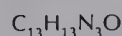
3044



[2,5-Bis(1-aziridinyl)-3,6-dioxo-1,4-cyclohexadiene-1,4-diyl]bis-carbamic acid diethyl ester. AZQ; CI-904; NSC-182986. Antineoplastic agent. mp = 230° (dec); λ_m = 340 nm (log ϵ 4.17); soluble in H₂O (0.5 mg/ml); LD₅₀ (mus iv) = 30.9 mg/m². *Parke-Davis.*

5103 Dinaline

58338-59-3



2',4-Diaminobenzanilide. Antineoplastic.

5104 Ditercalinium Chloride

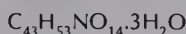
74517-42-3



2,2'-[(4,4'-Bipiperidine)-1,1'-diyldiethylene]bis[10-methoxy-7H-pyrido[4,3-c]cabrazolium] dichloride. Antineoplastic.

5105 Docetaxel

148408-66-6



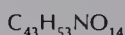
[2aR-[2a α ,4 β ,4a β ,6 β ,9 α (α R*, β S*),11 α ,12 α ,12a α ,12b α]]- β -12b-(Acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclo-deca[3,4]benz[1,2-b]oxet-9-yls [[[1,1-dimethylethoxy]-carbonyl]amino]- α -hydroxy-benzenepropanoic acid trihydrate.

RP-56976; taxotere. Antineoplastic agent. Binds to tubulin and inhibits depolymerization of microtubules. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5106 Docetaxel [anhydrous]

114977-28-5

3458



[2aR-[2a α ,4 β ,4a β ,6 β ,9 α (α R*, β S*),11 α ,12 α ,12a α ,12b α]]- β -12b-(Acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclo-deca[3,4]benz[1,2-b]oxet-9-yls [[[1,1-dimethylethoxy]-carbonyl]amino]- α -hydroxy-benzenepropanoic acid. taxotere; docetaxel; N-debenzoyl-N-tert-butoxycarbonyl-10-deacetyl taxol. Antineoplastic agent. Binds to tubulin and inhibits depolymerization of microtubules. mp = 232°; $[\alpha]_D$ = -36° (EtOH c = 0.74); λ_m = 230, 275, 283 nm (ϵ 14800, 1730, 1670).

5107 Doxifluridine

3094-09-5

3493



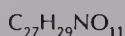
5'-Deoxy-4-fluorouridine.

5'-DFUR; 5'-dFUr; Ro-21-9738; Flutron; Furtulon. Antineoplastic agent. mp = 189-190°, 186-188°, 192-193°; $[\alpha]_D^{25}$ = 18.4° (H₂O c = 0.419); λ_m = 268-269 nm (ϵ 8550); LD₅₀ (mus iv 14 day) > 1000 mg/kg, (rat iv 14 day) > 2000 mg/kg, (mrat orl) = 3471 mg/kg, (frat orl) = 3390 mg/kg, (mmus orl) > 5000 mg/kg, (fimus orl) > 5000 mg/kg. *Hoffmann-LaRoche Inc.*

5108 Doxorubicin

23214-92-8

3495



α -3b-Glycoloyl-1,2,3,4,6,11-hexahydro-3,5,12-trihydroxy-10-methoxy-6,11-dioxo-1a-naphthacenyl 3-amino-2,3,6-trideoxy-L-lyxo-hexopyranoside. adriblastina; FI-106. Antineoplastic agent. mp = 229-231°. *Farmitalia, Societa Farmaceutici.*

5109 Doxorubicin Hydrochloride

25316-40-9

3495



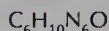
α -3b-Glycoloyl-1,2,3,4,6,11-hexahydro-3,5,12-trihydroxy-10-methoxy-6,11-dioxo-1a-naphthacenyl 3-amino-2,3,6-trideoxy-L-lyxo-hexopyranoside hydrochloride.

Adriacin; Adriamycin hydrochloride; Adriamycin, hydrochloride (8Cl); Adriblastin; NSC-123127; Adriblastina; ADM hydrochloride; ADR; ADRIAMYCIN, HYDROCHLORIDE; Doxorubicin; Doxorubicin hydrochloride; DOX HCl; FI 106; FI 6804; Hydroxydaunorubicin hydrochloride. Antineoplastic agent. mp = 204-205°; $[\alpha]_D^{20}$ = 248° (MeOH c = 0.1); λ_m = 233, 252, 288, 479, 496, 529 nm; soluble in H₂O, polar organic solvents; LD₅₀ (mus iv) = 21.1 mg/kg. *Farmitalia,*

Societa Farmaceutici.

5110 DTIC-Dome

4342-03-4 2866 224-396-1



5-(3,3-Dimethyl-1-triazenyl)-1H-imidazole-4-carboxamide.

(Dimethyltriazeno)imidazolecarboxamide; Dacarbazine; Deticene; NSC-45388; Dimethyltriazenoimidazolecarboxamide; DIC; DTIC; DTIC-Dome; DTIE; Imidazole carboxamide; ICDMT; ICDT; NCI-C04717. Antineoplastic agent. Dec (explosive) 250-255°; λ_m = 223 nm (ϵ 7500 0.1N HCl), 237 nm (ϵ 11200 pH 7); insoluble in H_2O (10 mg/100 ml), organic solvents; LD_{50} (rat orl) = 2147 mg/kg. *Bayer Corp., Pharmaceutical Div.*

5111 Duazomycin

1403-47-0



N-Acetyl-6-diazo-5-oxo L-norleucine.

A-10270A; Acetyl-DON; Diazomycin A; Duazomycin (USAN); Duazomycin A; NSC-51097. Antineoplastic agent. An antibiotic from *Streptomyces ambofaciens*. *Pfizer Inc.*

5112 Ecomustine

98383-18-7



Methyl 3-[3-(2-chloroethyl)-3-nitrosoureido]-2,3-dideoxy- α -D-arabinohexapyranoside. Antineoplastic.

5113 Edaravone

89-25-8

6809 Used in treatment

of stroke.



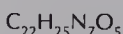
2,4-Dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one.

NSC-12; NSC-2629; NSC-26139; C.I. Developer 1; Developer Z; Methylphenylpyrazolone; Norphenazone; NCI-C03952. Antineoplastic agent. mp = 129-130°; bp₂₆₅ = 287°. *Pfalz & Bauer.*

5114 Edatrexate

80576-83-6

3553



N-[4-[1-[(2,4-Diamino-6-pteridiny)-methyl]propyl]benzoyl]-L-glutamic acid.

10-EdAM; 10-Ethyl-10-dezaz-aminopterin; Psyllium; NSC-626715; CGP-30694. Antineoplastic agent. λ_m = 255, 370 nm (ϵ 30731, 7582 pH 12). *Ciba-Geigy Corp.*

5115 Edelfosine

70641-51-9

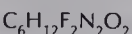


($\pm$)-2-Methoxy-3-(octadecyloxy)propyl phosphate choline hydroxide inner salt. hydrogen Antineoplastic.

5116 Eflornithine

67037-37-0

3564



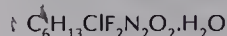
2-Difluoromethyl-L-ornithine.

Antineoplastic agent. A proprietary preparation of thiamine hydrochloride, nicotinamide, tincture of gentian and caffeine hydrate; a tonic. *Marion Merrell Dow Inc.*

5117 Eflornithine Hydrochloride

96020-91-6

3564



2-Difluoromethyl-L-ornithine monohydrochloride monohydrate.

Ornidyl; MDL-71782A. Antineoplastic agent. mp = 183°. *Marion Merrell Dow Inc.*

5118 Efudex

51-21-8

4219

200-085-6

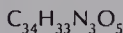


5-Fluoro-2,4(1H,3H)-Pyrimidinedione.

Fluorouracil; FU; 5-FU; Adrucil; Efudex; Fluoroplex; Ro-2-9757; Arumel; Carzonal; Effluderm (free base); Efudix; Fluoroblastin; Fluracil; Fluri; Fluril; Kecimeton; Timazin; U-8953; Ulup; 5-Flouracyl; efurix; fluracilum; ftoruracil; queroplex; NSC-19893. Antineoplastic agent. mp = 282-283° (dec); λ_m = 265-266 nm (ϵ 7070 0.1N HCl); insoluble in H_2O ; LD_{50} (rat orl) = 230 mg/kg. *Hoffmann-LaRoche Inc.*

5119 Elacridar

143664-11-3



N-[4-(2-(3,4-Dihydro-6,7-dimethoxy-2(1h)-isoquinolyl)ethyl)phenyl]-9,10-dihydro-5-methoxy-9-oxo-4-acridinecarboxamide.

Antineoplastic agent (adjunct). *Glaxo Wellcome Inc.***5120 Elacridar Hydrochloride**

143851-98-3



N-[4-(2-(3,4-Dihydro-6,7-dimethoxy-2(1h)-isoquinolyl)ethyl)phenyl]-9,10-dihydro-5-methoxy-9-oxo-4-acridinecarboxamide hydrochloride.

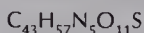
GF-120918A. Antineoplastic agent (adjunct). *Glaxo Wellcome Inc.*

5121 Eldisine

59917-39-4

10125

261-984-7

3-(Aminocarbonyl)-O⁴-deacetyl-3-de(methoxycarbonyl)sulfate (1:1) (salt).

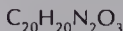
vindesine sulfate; LY-099094; NSC-245467.

Antineoplastic agent. mp > 250°; LD_{50} (mus iv) = 6.3 mg/kg, (rat iv) = 2.0 mg/kg, (mus ip) = 8.8 mg/kg. *Eli Lilly & Co.*

5122 Elliptinium Acetate

58337-35-2

3590



9-Hydroxy-2,5,11-trimethyl-6H-pyrido[4,3-b]-carbazolium acetate.

Celiptium; 9-Hydroxy-2-methylelloptincinium acetate; Ellipticine analog; H9M2E; NMHE; NSC-264137. Antineoplastic agent.

5123 Elmustine

60784-46-5

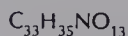


1-(2-Chloroethyl)-3-(2-hydroxyethyl)-1-nitrosourea.

Antineoplastic.

5124 Elsamitrucin

97068-30-9



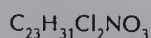
10-[[2-O-(2-Amino-2,6-dideoxy-3-O-methyl- α -D-galactopyranosyl)-6-deoxy-3-C-methyl- β -D-galactopyranosyl]oxy]-6-hydroxy-1-methyl-benzo[h][1]-benzopyrano[5,4,3-cde][1]benzopyran-5,12-dione. Chartreusin analog; Elsamicin; NSC-369327. Antineoplastic agent. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

5125 Emcyt

52205-73-9

3749

257-735-7



Estra-1,3,5(10)-triene-3,17 β -diol 3-[bis(2-chloroethyl)carbamate]. Estracyt; Estradiol, [3-[bis(2-chloroethyl)carbamate]]-dihydrogen phosphate (8Cl); Leo 299; NSC-89199; Estradiol 3-bis(2-chloroethyl)carbamate; estra-1,3,5(10)-triene-3,17 β -diol 3-[N,N-bis-(2-chloroethyl)carbamate]; Ro-21-8837. mp = 104-105°; $[\alpha]_D^{20}$ = 50° (dioxane); λ_m = 271, 277 nm. *Pharmacia & Upjohn, Inc.*

5126 Emitefur

110690-43-2

3601



m-[[3-(Ethoxymethyl)-5-fluoro-3,6-dihydro-2,6-dioxo-1(2H)-pyrimidinyl]carbonyl]benzoic acid 2-ester with 2,6-dihydroxynicotinonitrile benzoate.

Antineoplastic. mp = 162-164°; LD₅₀ (mus orl) > 5000 mg/kg, (frat orl) = 1850 mg/kg, (mrat orl) = 1934 mg/kg.

5127 Endoxan

50-18-0

2816

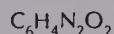
200-015-4



(Bis(chloro-2-ethyl)amino)-2-tetrahydro-3,4,5,6-oxazaphosphorine-1,3,2-oxide-2 hydrate. ASTA-B-518; Clafen; Claphene; Cyclophosphamid; Cyclophosphamide; Cyclophosphamidum; Cyclophosphan; Cyclophosphane; Cyclostin; Cytophosphan; Cytoxan; NSC-26271; CB-4564; CP; CPA; CTX; CY; Endoxan; Endoxan R; Endoxan-Asta; Endoxana; Endoxanal; Endoxane; Enduxan; Genoxal; Hexadrin; Mitoxan; Neosar; NCI-C04900; Procytox; Semdoxan; Sendoxan; Senduxan; SK-20501; Zyklophosphamid. Antineoplastic agent. mp = 41-45°; soluble in H₂O (40 g/l), less soluble in organic solvents; LD₅₀ (rat orl) = 94 mg/kg. *Pharmacia & Upjohn, Inc.*; *Bristol-Myers Oncology.*

5128 Eniluracil

59989-18-3

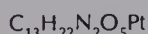


5-Ethynyl-2,4(1H,3H)-pyrimidinedione.

776C85. Antineoplastic agent (adjunct). *Glaxo Wellcome Inc.*

5129 Enloplatin

111523-41-2



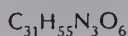
[1,1-Cyclobutanedicarboxylato(2-)](tetrahydro-4H-pyran-4,4-dimethanamine-N,N'-platinum, (SP-4-2).

CL-287110. Antineoplastic agent.

5130 Enocitabine

55726-47-1

3624

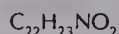


N-(1- β -D-arabinofuranosyl-1,2-dihydro-2-oxo-4-pyrimidinyl)docosanamide.

Antineoplastic agent. mp = 141-142°; $[\alpha]_D$ = 70° (c = 1, THF); λ_m = 216, 248, 303 nm (ϵ 16400, 15200, 8200 iPrOH).

5131 Enpromate

10087-89-5

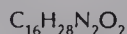


1,1-Diphenyl-2-propynyl cyclohexancarbamate.

59156; NSC-112682. Antineoplastic agent. *Eli Lilly & Co.*

5132 Epiropidine

5696-17-3



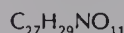
1,1'-Bis(2,3-epoxypropyl)-4,4'-bipiperidine.

Epiropidine; Eponate; Epoxypropidine; Lilly Res. No. 28002; Lilly 28002; NSC-56308. Antineoplastic agent. *Eli Lilly & Co.*

5133 Epirubicin

56420-45-2

3660

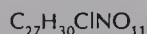


(1S,3S)-Glycoloyl-1,2,3,4,6,11-hexahydro-3,5,12-trihydroxy-10-methoxy-6,11-dioxo-1-naphthacenyl 3-amino-2,3,6-trideoxy- α -L-arabino hexopyranoside. pido-rubicin; 4'-epidoxorubicin; 4'-epi-DX; IMI-28. Antineoplastic agent. Analog of the anthracycline antibiotic doxorubicin differing only in the position of the C₄ hydroxyl of the sugar moiety. *Farmitalia Carlo Erba SpA.*

5134 Epirubicin Hydrochloride

56390-09-1

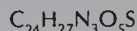
3660



(1S,3S)-Glycoloyl-1,2,3,4,6,11-hexahydro-3,5,12-trihydroxy-10-methoxy-6,11-dioxo-1-naphthacenyl 3-amino-2,3,6-trideoxy- α -L-arabino hexopyranoside hydrochloride. Farmorubicin; Pharmorubicin. Antineoplastic agent. Analog of the anthracycline antibiotic doxorubicin differing only in the position of the C₄ hydroxyl of the sugar moiety. mp = 185° (dec); $[\alpha]_D^{20}$ = 274° (MeOH c = 0.01). *Farmitalia Carlo Erba SpA.*

5135 Erbulozole

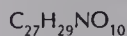
124784-31-2



Ethyl (±)-cis-p-[[[2-(imidazol-1-ylmethyl)-2-(p-methoxyphenyl)-1,3-dioxolan-4-yl]methyl]thio]-carbanilate. Antineoplastic agent (adjunct). *Janssen Pharmaceutical Inc.*

5136 Esorubicin

63521-85-7

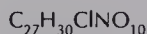


(2S-(2 α (8R*,10R*),4 β ,6 β))-10-[(4-Aminotetrahydro-6-methyl-2H-pyran-2-yl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-5,12-naphthacenedione.

Deoxydoxorubicin. Antineoplastic agent. *Farmitalia Carlo Erba SpA.*

5137 Escorubicin Hydrochloride

63950-06-1



(2S-(2 α (8R*,10R*),4 β ,6 β))-10-[(4-Aminotetrahydro-6-methyl-2H-pyran-2-yl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-5,12-naphthacenedione hydrochloride.

4'-Deoxydoxorubicin hydrochloride; Escorubicin hydrochloride; IMI 58 ; NSC-267469. Antineoplastic agent. *Farmitalia Carlo Erba SpA*.

5138 Estramustine

2998-57-4

3749



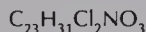
Estradiol 3-[bis(2-chloroethyl)carbamate].

Ro-22-2296/000; Leo 275; NSC-89201. Antineoplastic agent. mp = 104-105°; [α]_D²⁰ = 50° (dioxane); λ_m = 271, 277 nm (EtOH). *Hoffmann-La Roche Inc.*

5139 Estramustine Phosphate

52205-73-9

3749



Estra-1,3,5(10)-triene-3,17 β -diol

3-[bis(2-chloroethyl)carbamate].

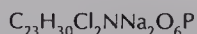
Emcyt; NSC-89199; Estradiol 3-bis(2-chloroethyl)-carbamate; estra-1,3,5(10)triene-3,17 β -diol 3-[N,N-bis(2-chloroethyl)carbamate]; Ro-21-8837. Antineoplastic mp = 155°; [α]_D²⁰ = 30° (dioxane); soluble in H₂O. *Hoffmann-La Roche Inc.*

5140 Estramustine Phosphate Sodium

52205-73-9

3749

257-735-7



Estradiol 3-[bis(2-chloroethyl)carbamate] 17-(dihydrogen phosphate) disodium salt.

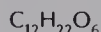
Ro-21-8837/001; NSC-89199. Antineoplastic agent. mp = 155°; [α]_D²⁰ = 30° (dioxane); soluble in H₂O. *Hoffmann-La Roche Inc.*

5141 Etoglucid

1954-28-5

3926

217-784-7



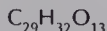
1,2:15,16-Diepoxy-4,7,10,13-tetraoxahexadecane.

ICI-32865; ethoglucid; Ayerst 62013; Diglycidyl-triethylene glycol; Epodyl; Ethoglucid; Etoglucid; Etoglucide; NSC-80439; ICI-32865; Oxirane, 2,2'-(2,5,8,11-tetraoxadecane-1,12-diyl)bis-; Triethylene glycol diglycidyl ether; Triethylene glycol, bis(2,3-epoxypropyl) ether; TDE. Antineoplastic agent. mp = -15°; bp_{0.005} = 140°; d₄²⁰ = 1.1312. *ICI*.

5142 Etoposide

33419-42-0

3931

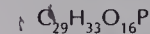


[5R-[5 α ,5 $\alpha\beta$,8 $\alpha\alpha$,9 β (R*)]]-9-[(4,6-O-Ethylidene- β -D-glucopyranosyl)oxy]-5,8,8a,9-tetrahydro-5-(4-hydroxy-3,5-dimethoxyphenyl)-furo[3',4':6,7]naphtho[2,3-d]-1,3-dioxol-6(5aH)-one.

Toposar; VePesid; VP-16-213; NSC-141540; Demethylepipodophyllotoxin,ethylidene glucoside; Epipodophyllotoxin VP-16213; Etoposide; EPE; etoposide; Vepesid; Vepesid J; VP-16-213; VP-16. Antineoplastic agent. mp = 236-251°; [α]_D²⁰ = -110.5° (CHCl₃ c = 0.6); λ_m = 283 nm (ϵ 4245 MeOH). *Bristol-Myers Oncology*.

5143 Etoposide Phosphate

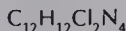
117091-64-2



[5R-[5 α ,5 $\alpha\beta$,8 $\alpha\alpha$,9 β (R*)]]-5-[3,5-Dimethoxy-4-(phosphonooxy)phenyl]-9-[(4,6-O-ethylidene- β -D-glucopyranosyl)oxy]-5,8,8a,9-tetrahydro-furo[3',4':6,7]naphtho[2,3-d]-1,3-dioxol-6(5aH)-one. BMY-40481. Antineoplastic agent. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

5144 Etoprine

18588-57-3



2,4-Diamino-5-(3,4-dichlorophenyl)-6-ethylpyrimidine.

Ethodichlorophen; NSC-3062. Antineoplastic agent.

5145 Fadrozole

102676-47-1

3969



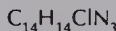
($\pm$)-p-(5,6,7,8-Tetrahydroimidazo[1,5-a]pyridin-5-yl)-benzonitrile.

Antineoplastic agent. mp = 117-118°. *Ciba-Geigy Corp.*

5146 Fadrozole Hydrochloride

102676-96-0

3969

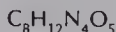


($\pm$)-p-(5,6,7,8-Tetrahydroimidazo[1,5-a]pyridin-5-yl)benzonitrile monohydrochloride.

CGS-16949A. Antineoplastic agent. mp = 231-233°; soluble in H₂O. *Ciba-Geigy Corp.*

5147 Fazarabine

65886-71-7



4-Amino-1- β -D-arabinofuranosyl-s-triazin-2(1H)-one.

ara-AC; 5-azacytosine arabinoside; Kymarabine; NSC-281272. Antineoplastic agent. Canine contagious hepatitis vaccine.

5148 Fenretinide

65646-68-6

4040



N-(4-Hydroxyphenyl)retinamide.

all-trans-4'-hydroxyretinanilide. Antineoplastic agent. mp = 173-175°, 162-163°, 178-181°; λ_m = 370 nm (ϵ 44500 CHCl₃), λ_m = 362 nm (ϵ 47900 MeOH). *McNeil Pharmaceutical*.

5149 Floxuridine

50-91-9

4148



2'-Deoxy-5-fluorouridine.

FUDR; NSC-26740. Antiviral and antineoplastic agent. mp = 150-151°; λ_m = 268 nm (ϵ 7570, pH 7.2), 270 nm (ϵ 6480, pH 14); [α]_D = 37° (H₂O), 48.6° (DMF). *Hoffmann-La Roche Inc.*

5150 Fludarabine

21679-14-1

4162

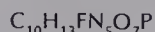
9- β -D-Arabinofuranosyl-2-fluoroadenine.

2-Fluoro Ara-A; NSC-118218; 2-Fluoroadenine arabinoside. Antineoplastic agent. mp = 260°; [α]_D²⁵ = 17° (EtOH c = 0.1); λ_m = 262 nm (ϵ 13,200 pH 1), 261 nm (ϵ 14,800 pH 7), 262 nm (ϵ 15,000 pH 13); poorly soluble

in H₂O, organic solvents. *Berlex Labs., Inc.*

5151 Fludarabine Phosphate

75607-67-9 4162



9-β-D-Arabinofuranosyl-2-fluoroadenine

5'-(dihydrogenphosphate).

2-F-ara-AMP; NSC-328002; Fludara; NSC-312887.

Antineoplastic agent. Soluble in H₂O. *Berlex Labs., Inc.*

5152 5-Fluorouracil

51-21-8 4219 200-085-6



5-Fluoro-2,4(1H,3H)-Pyrimidinedione.

Fluorouracil; FU; 5-FU; Adrucil; Efudex; Fluoroplex; Ro-

2-9757; Arumel; Carzonal; Efluderm (free base); Efudix;

Fluoroblastin; Fluracil; Fluri; Fluril; Kecimeton; Timazin;

U-8953; Ulup; 5-Flouracyl; efurix; fluracilum; ftoruracil;

queroplex; NSC-19893. Antineoplastic agent. mp = 282-

283° (dec); λ_m = 265-266 nm (ε 7070 0.1N HCl);

insoluble in H₂O; LD₅₀ (rat orl) = 230 mg/kg.

5153 Fluorocitabine

40505-45-1



(2R,3R,3aS,9aR)-7-Fluoro-2,3,3a,9a-tetrahydro-3-

hydroxy-6-imino-6H-furo[2',3':4,5]oxazolo[3,2-

a]pyrimidine-2-methanol.

Ro-21-0702; AAFC; RN-37717-21-8; NSC-166641;

Anhydro-arabinosyl-5-fluoro-cytosine; Cyclo cytidine, 5-

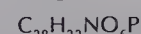
fluoro-; Cyclo FC; 5-fluoro-O,2,2'-cyclocytidine; 5-F-

Anhydro-ara-C hydrochloride. Antineoplastic agent.

Hoffmann-LaRoche Inc.

5154 Fosquidone

114517-02-1



Benzyl (±)-5,8,13,14-tetrahydro-14-methyl-8,13-

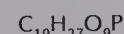
dioxobenz[5,6]isoindolo[2,1-b]isoquinolin-9-yl hydrogen

phosphate.

GR-63178K. Antineoplastic agent. *Glaxo Wellcome, UK.*

5155 Fostriecin

87810-56-8



5,6-Dihydro-6-[3,4,6,13-tetrahydroxy-3-methyl-1,7,9,11-

tridecatetraenyl]2H-pyran-2-one 4-(hydrogen phosphate).

Antineoplastic agent. *Parke-Davis.*

5156 Fostriecin Sodium

87860-39-7



5,6-Dihydro-6-[3,4,6,13-tetrahydroxy-3-methyl-1,7,9,11-

tridecatetraenyl]2H-pyran-2-one 4-(sodium hydrogen

phosphate).

Cl-920. Antineoplastic agent. *Parke-Davis.*

5157 Fotemustine

92118-27-9 4285



(±) Diethyl [1-[3-(2-chloroethyl)-3-nitrosoureido]ethyl]-

phosphonate.

S-10036; Muphoran. Antineoplastic agent. mp = 85°.

5158 Gallium Nitrate

13494-90-1 4364



Gallium(III) nitrate (1:3), anhydrous.

gallium trinitrate; nitric acid, gallium salt; ganite; NSC-

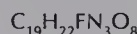
15200. Antineoplastic agent and calcium regulator.

Inactive (NCI) Soluble in H₂O, EtOH, Et₂O; LD₅₀ (mus iv)

= 55 mg/kg, (rat iv) = 46 mg/kg, (rbt iv) = 43 mg/kg.

5159 Galocitabine

124012-42-6



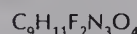
N-[1-(5-Deoxy-β-D-ribofuranosyl)-5-fluoro-1,2-dihydro-

2-oxo-4-pyrimidinyl]-3,4,5-trimethoxybenzamide.

Antineoplastic.

5160 Gemcitabine

95058-81-4 4392



2'-Deoxy-2',2'-difluorocytidine.

LY-188011; dFdC; dFdCyd; Gemzar; NSC-613327.

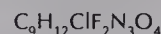
Antineoplastic agent. [α]₃₆₅ = 425° (MeOH c = 0.96); λ_m

= 234, 268 nm (ε 7810, 8560 EtOH); LD₁₀ (rat iv) = 200

mg/m². *Eli Lilly & Co.*

5161 Gemcitabine Hydrochloride

122111-03-9 4392



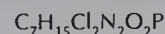
2'-Deoxy-2',2'-difluorocytidine hydrochloride.

mp = 287-292°; [α]_D = 48°; [α]₃₆₅ = 257.9° (D₂O c = 1);

λ_m = 232, 268 nm (ε 7960, 9360, H₂O).

5162 Genoxal

50-18-0 2816 200-015-4



(Bis(chloro-2-ethyl)amino)-2-tetrahydro-3,4

5,6-oxazaphosphorine-1,3,2-oxide-2 hydrate.

ASTA-B-518; Clafen; Claphene; Cyclophosphamid;

Cyclophosphamide; Cyclophosphamidum; Cyclophos-

phan; Cyclophosphane; Cyclostin; Cytophosphan; Cy-

toxan; NSC-26271; CB-4564; CP; CPA; CTX; CY;

Endoxan; Endoxan R; Endoxan-Asta; Endoxana;

Endoxanal; Endoxane; Enduxan; Genoxal; Hexadrin;

Mitoxan; Neosar; NCI-C04900 ; Procytox; Semdolan;

Sendoxan; Senduxan; SK-20501; Zyklophosphamid.

Antineoplastic agent. mp = 41-45°; soluble in H₂O (40

g/l), less soluble in organic solvents; LD₅₀ (rat orl) = 94

mg/kg. *Pharmacia & Upjohn, Inc.* ; *Bristol-Myers*

Oncology.

5163 Gold Au-198

10043-49-9 4533



Gold-198.

colloidal gold (¹⁹⁸Au); Aurcoloid; Aureotrope; Auroscan-

198. Antineoplastic agent. Radioactive agent (β- and γ-

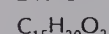
emitter) use as a diagnostic reagent in liver imaging.

Abbott Labs.; *Bristol-Myers Squibb Pharmaceutical Res.*

and Dev; *Mallinckrodt, Inc.*

5164 Hexaprofen

24645-20-3



p-Cyclohexylhydratropic acid.

Reported to be anti-metastatic in Lewis lung tumors.

5165 Holoxan

3778-73-2 4937 223-237-3

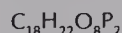


3-(2-Chloroethyl)-2-[(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide.

Isophosphamide; Ifex; Iphosphamid; Isoendoxan; Cyfos; Holoxan; Mitoxana; Naxamide; A-4942; Asta-Z-4942; NSC-109724; Holoxan 1000; Ifosfamid; Iphosphamid; Isofosfamide; MJF-9325; Z4942. Antineoplastic agent. mp = 39-41°; LD₅₀ (rat ip) = 160 mg/kg, 150 mg/kg. *Bristol-Myers Oncology*.

5166 Honvan

522-40-7 4279 208-328-8



α,α'-Diethyl-(E)-4,4'-stilbenediol bis(dihydrogen phosphate).

DESDP; diethylstilbestrol bisphosphate; diethylstilbestryl bisphosphate; fosfestrol; st52-asta; stilbestrol bisphosphate; stilphostrol; fosfesterol. Estrogen and antineoplastic agent. mp = 204-206° (dec); poorly soluble in H₂O. *Bayer Corp., Pharmaceutical Div.*

5167 Hydroxyurea

127-07-1 4896 204-821-7

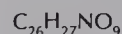


N-(Aminocarbonyl)hydroxylamine.

Biosuppressin; Hidrix; Hydrea; Hydreaia; N-carbamoyl-hydroxylamine; Hydroxylurea; NSC-32065; Hydroxyurea; Hydroxyurea; Hydroxyurea; Hydura; Hydurea; HU; Litaler; Litalir; N-Hydroxyurea; NCI-C04831; Oncocarbide; Oxyurea; SK 22591; SQ-1089; Urea, hydroxy-. mp = 133-136°; soluble in H₂O, EtOH. *Bristol-Myers Oncology*.

5168 Idarubicin

58957-92-9 4931

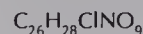


(7S-cis)-9-Acetyl-7-[(3-amino-2,3,6-trideoxy-α-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,9,11-trihydroxy-5,12-naphthacenedione.

Daunomycin, 4-demethoxy-; Idarubicin; 4-DMD; 4-Demethoxydaunorubicin; NSC-256439. Antineoplastic agent. *Farmitalia Carlo Erba SpA*.

5169 Idarubicin Hydrochloride

57852-57-0 4931

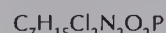


(7S-cis)-9-Acetyl-7-[(3-amino-2,3,6-trideoxy-α-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,9,11-trihydroxy-5,12-naphthacenedione hydrochloride.

Daunomycin, 4-demethoxy-, hydrochloride; Idarubicin hydrochloride; 4-DMD HCl; 4-Demethoxydaunorubicin hydrochloride; NSC-256439; Idamycin; Zavedos. Antineoplastic agent. mp = 183-185°, 172-174°; [α]_D²⁰ = 205°, 188° (MeOH c = 0.1). *Farmitalia Carlo Erba SpA*.

5170 Ifosfamide

3778-73-2 4937 223-237-3



3-(2-Chloroethyl)-2-[(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide.

Isophosphamide; Ifex; Iphosphamid; Isoendoxan; Cyfos; Holoxan; Mitoxana; Naxamide; A-4942; Asta-Z-4942; NSC-109724; Holoxan 1000; Ifosfamid; Iphosphamid; Isofosfamide; MJF-9325; Z-4942. Antineoplastic agent.

mp = 39-41°; LD₅₀ (rat ip) = 150 mg/kg, 160 mg/kg. *Bristol-Myers Oncology*.

5171 Ilmofofosine

89315-55-9



(±)-3,5-Dioxa-9-thia-4-phosphapentacosan-1-aminium 4-hydroxy-7-(methoxymethyl)-N,N,N-trimethyl hydroxide inner salt 4-oxide.

BM-41440. *Boehringer Mannheim GmbH*.**5172 Imexon**

59643-91-3



4-Imino-1,3-diazabicyclo[3.1.0]hexan-2-one.

Antineoplastic.

5173 Improsulfan

13425-98-4 4962



3,3'-Iminobis(1-propanol) dimethanesulfonate.

Improsulfan tosylate; Improsulfan; NSC-102627; Yoshi 864; Bis(3-mesyloxypropyl)amine hydrochloride; Compound 864; IPD; IPD hydrochloride. mp = 94-95°; LD₅₀ (rat iv) = 75 mg/kg.

5174 Interferon alfa

74899-72-2

Alpha interferon.

Antineoplastic agent and immunomodulator. Produced by human lymphoblastoid cells induced with Sendai virus.

5175 Interferon alfa-2a

76543-88-9 5016

Interferon alfa-a.

alferon; alfa interferon; IFN-α; LelF; leukocyte interferon; lymphoblastoid interferon; Ro-22-8181; roferon A. Antineoplastic agent and immunomodulator. Alpha interferon, natural (injectable form); used for the treatment of genital warts. *Hoffmann-LaRoche Inc.*

5176 Interferon alfa-2b

99210-65-8 5016

Interferon alfa-b.

intron A. Antineoplastic agent and immunomodulator. *Schering Corp.*

5177 Interferon beta

74899-71-1

Beta interferon.

fibroblast interferon. Antineoplastic agent and immunomodulator.

5178 Interferon beta-1a

145258-61-3

Interferon beta-1 human fibroblast protein moiety.

Neoferon. Antineoplastic agent and immunomodulator. *Biogen, Inc.*

5179 Interferon beta-1b

145155-23-3 5017

17-L-Serine-2-166 interferon β1 (human fibroblast reduced).

betaseron. Antineoplastic agent and immunomodulator. *Berlex Labs., Inc.*

5180 Interferon gamma-1a

98059-18-8 5018

Interferon gamma-a.

Antineoplastic agent and immunomodulator. *Berlex Labs., Inc.***5181 Interferon gamma-1b**

98059-61-1 5018

N²-L-Methionyl-1-139-interferon-γ (human lymphocyte protein moiety reduced).Actimmune. Antineoplastic agent and immunomodulator. *Genentech, Inc.***5182 Iodothiouracil**

5984-97-4

C₄H₃IN₂OS

5-Iodo-2-thiouracil.

Antineoplastic, used with iodine isotopes for treatment and diagnosis.

5183 Iproplatin

62928-11-4

C₆H₂₀Cl+62N₂O₂Pt

ab-Dichloro-cd-dihydroxy-df-bis(isopropylamine)-platinum.

CHIP; Iproplatin (USAN); NSC-256927; JM-9. Antineoplastic agent. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.***5184 Irinotecan**

97682-44-5 5104

C₃₃H₃₈N₄O₆

(±)-7-Ethyl-10-hydroxycamptothecin

10-[1,4'-bipiperidine]-1'-carboxylate.

Antineoplastic agent. DNA topoisomerase I inhibitor. mp = 222-223°. *Pharmacia & Upjohn, Inc.***5185 Irinotecan Hydrochloride Trihydrate**

136572-09-3 5104

C₃₃H₃₉ClN₄O₆·3H₂O

(±)-7-Ethyl-10-hydroxycamptothecin 10-[1,4'-bipiperidine]-1'-carboxylate monohydrochloride trihydrate.

Camptosar; U-101440E. Antineoplastic agent. mp = 256.5°; [α]_D²⁰ = 67.7° (H₂O, c = 1); λ_m = 221, 254, 359, 372 nm (ε 53800, 36600, 26200, 25300, EtOH); LD₅₀ (mus ip) = 177.5 mg/kg, (mus orl) = 765.3 mg/kg. *Pharmacia & Upjohn, Inc.***5186 Isotretinoin**

4759-48-2 8333

C₂₀H₂₈O₂

3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,(E),4,6,8(Z,Z,Z)-nonatetraenoic acid.

Accutane; 13-cis-Vitamin A acid; 13-cis-Retinoic acid; cis-retinoic acid; neovitamin a acid; 13-RA; Ro-4-3780; retinoic acid, 9Z form; Isotretinoin; Accure; IsotrexGel; Roaccutane. mp = 174-175°; λ_m = 354 nm (ε 39800); LD₅₀ (mus ip 20 day) = 904 mg/kg, (rat ip 20 day) = 901 mg/kg, (mus orl 20 day) = 3389 mg/kg, (rat orl 20 day) > 4000 mg/kg.**5187 Istn**

15663-27-1 2378 239-733-8

Cl₂H₆N₂Pt

(SP-4-2)-Diamminedichloroplatinum.

cis-diamminedichloroplatinum; cis-platinum II; cis-DDP;

CACP; CPDC; DDP; Briplatin; Cismaplat; Cisplatyl; Citoplatino; Lederplatin; Neoplatin; Platamine; Platinex; Platiblastin; Platinol; Platinoxan; Platistin; Platosin; Rand; NSC-119875. Antineoplastic agent. mp = 270° (dec); soluble in H₂O (253 mg/100g), insoluble in organic solvents; LD₅₀ (gpg ip) = 9.7 mg/kg. *Lederle Labs.***5188 Letrozole**

112809-51-5 5474

C₁₇H₁₁N₅

4,4'-(1H-1,2,4-Triazol-1-ylmethylene)dibenzonitrile.

CGS-20267. Antineoplastic agent. mp = 181-183°. *Ciba-Geigy Corp.***5189 Leucovorin**

58-05-9 4254

C₂₀H₂₃N₇O₇

5-Formyl-5,6,7,8-tetrahydrofolate.

5-formyltetrahydrofolate; N5-formyl-5,6,7,8-tetrahydrofolate; N5-formyl-tetrahydrofolate; Folinic acid. Antineoplastic agent. mp = 240-250° (dec); λ_m = 282 nm; [α]_D²⁰ = 14.26° (anhydrous calcium salt, c = 3.42). *Glaxo Wellcome Inc.***5190 Liarozole Hydrochloride**

145858-50-0

C₁₇H₁₄Cl₂N₄

(±)-5-(m-Chloro-α-imidazol-1-ylbenzyl)benzimidazole monhydrochloride.

R-75251. Antineoplastic agent. *Janssen Pharmaceutical Inc.***5191 Lobaplatin**

135558-11-1

C₉H₁₈N₂O₃Ptcis-[trans-1,2-Cyclobutanebis(methylamine)][(S)-lactato-O¹,O¹]platinum.

D-19466. Platinum-based cytostatic drug. Antineoplastic.

5192 Lometrexol

106400-81-1

C₂₁H₂₅N₅O₆N-[p-[2-[(R)-2-Amino-3,4,5,6,7,8-hexahydro-4-oxopyrido[2,3-d]pyrimidin-6-yl]ethyl]benzoyl]-L-glutamic acid. LY-264618. Antineoplastic agent. *Eli Lilly & Co.***5193 Lometrexol Sodium**

120408-07-3

C₂₁H₂₃Na₂N₅O₆

N-[p-[2-[(R)-2-Amino-3,4,5,6,7,8-hexahydro-4-oxopyrido[2,3-d]pyrimidin-6-yl]ethyl]benzoyl]-L-glutamic acid disodium salt.

LY-264618 disodium. Antineoplastic agent. *Eli Lilly & Co.***5194 Lomustine**

13010-47-4 5594

C₉H₁₆ClN₃O₂

N-(2-Chloroethyl)-N'-cyclohexyl-N-nitroso-urea.

Belustine; Ceeenu; CeeNU; Chloroethylcyclohexylnitrosourea; CiNu; CCNU; ICIG-1109; NSC-79037; NCI-C04740; SRI-2200.

Antineoplastic agent. mp = 90°; soluble in H₂O, organic solvents; LD₅₀ (mus orl) = 51 mg/kg, (mus ip) = 56 mg/kg, (mus sc) = 61 mg/kg. *Bristol-Myers Oncology.*

5195 Lonidamine

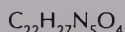
50264-69-2 5598



1-(2,4-Dichlorobenzyl)-1H-imidazole-3-carboxylic acid.
Antineoplastic agent (adjunct). mp = 207°; soluble in MeOH, AcOH; LD₅₀ (mus orl) = 900 mg/kg, (mus ip) = 435 mg/kg, (rat orl) = 1700 mg/kg, (rat ip) = 525 mg/kg.

5196 Losoxantrone

88303-60-0



7-Hydroxy-2-[2-[(2-hydroxyethyl)amino]ethyl]-5-[[2-[(2-hydroxyethyl)amino]ethyl]amino]anthra[1,9-cd]pyrazol-6(2H)-one.
biantrazole. Antineoplastic agent. *DuPont Merck Pharmaceutical Co.*

5197 Losoxantrone Hydrochloride

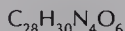
88303-61-1



7-Hydroxy-2-[2-[(2-hydroxyethyl)amino]ethyl]-5-[[2-[(2-hydroxyethyl)amino]ethyl]amino]anthra[1,9-cd]pyrazol-6(2H)-one dihydrochloride hemihydrate.
DUP-941; NSC-357885. Antineoplastic agent. *DuPont Merck Pharmaceutical Co.*

5198 Lurtotecan

149882-10-0



(8S)-8-Ethyl-2,3-dihydro-8-hydroxy-15-[(4-methyl-1-piperazinyl)methyl]-11H-p-dioxino[2,3-g]-pyrano[3',4':6,7]indolizino[1,2-b]quinoline-9,12(8H,14H)-dione.
Antineoplastic agent. DNA topoisomerase I inhibitor. *Glaxo Wellcome Inc.*

5199 Lurtotecan Dihydrochloride

155773-58-3



(8S)-8-Ethyl-2,3-dihydro-8-hydroxy-15-[(4-methyl-1-piperazinyl)methyl]-11H-p-dioxino[2,3-g]pyrano[3',4':6,7]indolizino[1,2-b]quinoline-9,12(8H,14H)-dione.
GI147211C.

5200 Mafosfamide

88859-04-5



(±)-2-[[2-[Bis(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorin-4-yl]thio]ethanesulfonic acid P-cis-oxide.
Antineoplastic; immunosuppressant. A cyclo-phosphamide derivative.

5201 Mannomustine Hydrochloride

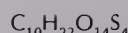
551-74-6



1,6-bis-[(2-Chloroethyl)amino]-1,6-dideoxy-D-mannitol hydrochloride.
BCM; Degranol; Degranol chinoin; Dimesylmannitol; Mannitol mustard dihydrochloride; NSC-9698; Mannitol nitrogen mustard; Mannogranol; Mannomustine dihydrochloride. Antineoplastic agent.

5202 Mannosulfan

7518-35-6



D-Mannitol 1,2,5,6-tetramethanesulfonate.
R52. Antineoplastic.

5203 Masoprocol

27686-84-6

6786

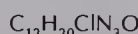
meso-4,4'-(2,3-Dimethyltetramethylene)dipyrrocatachol.
CHX-100; meso-NDGA; Actinex. Antineoplastic agent. Used as an antioxidant for fats and oils in foods. mp = 185-186°; λ_m = 283, 218 nm (ε 6660, 13400 MeOH); poorly soluble in H₂O, more soluble in EtOH, insoluble in non-polar organic solvents. *Schwarz Pharma Kremers Urban Co.*

5204 Matulane

366-70-1

7938

206-678-6



N-(1-Methylethyl)-4-[(2-methylhydrazino)methyl]benzamide monohydrochloride.
procarbazine hydrochloride; lbenzmethazine hydrochloride; Matulane; MBH; MIH hydrochloride; Nathulane; Natulan; NSC-77213; Natunalar; NCI-C01810; Procarbazine; PCB hydrochloride; Ro-4-6467/1. Antineoplastic agent. mp = 223-226°; LD₅₀ (rat orl) = 785 mg/kg. *Hoffmann-LaRoche Inc.*

5205 Maytansine

35846-53-8

5800



N-Acetyl-N-methyl alanine 6-ester with 11-chloro-6,21-dihydroxy-12,20-dimethoxy-2,5,9,16-tetramethyl-4,24-dioxa-9,22-diazatetracyclo[19.3.1.1(10,24).0(3,5)]-hexacos-10,12,14[26] 16,18-pentaene-8,23-dione.
Maitansine; Maysanine; Maytansin; Maytansine; MTS; NSC-153858. Antineoplastic agent. mp = 171-172°; [α]_D²⁶ = -145° (CHCl₃ c = 0.055); λ_m = 233, 254, 282, 290 nm (ε 29800, 27200, 5690, 5520, EtOH); LD₅₀ (rat sc) = 0.48 mg/kg. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

5206 Mechlorethamine

51-75-2

5815

200-120-5

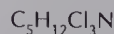


N,N-Bis(2-chloroethyl)methylamine.
MBA; Nitrogen Mustard; Mechlorethamine; HN-2; Mustine Note; Dichloren; Caryolysine. Antineoplastic agent. mp = -60°; bp₁₈ = 87°; d₄²⁵ = 1.118; slightly soluble in H₂O, soluble in organic solvents; LD₅₀ (rat iv) = 1.1 mg/kg (hydrochloride). *Merck & Co., Inc.*

5207 Mechlorethamine Hydrochloride

55-86-7

5815

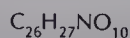


N,N-Bis(2-chloroethyl)methylamine monohydrochloride.
Azotoyperite; C-6866; Caryolysine hydrochloride; Chloramin hydrochloride; Chlorethamine; Chlorethazine; Chlormethine hydrochloride; Chlormethinum; Dema; Dichloren hydrochloride; Dichloromethyldiethylamine hydrochloride; Dimitan; Embechine; Embichin hydrochloride; NSC-762; Embikhine; Erasol hydrochloride; Erasol-Iso; HN2 hydrochloride; Mechlorethamine hydrochloride; Mitoxine; Mustargen hydrochloride; Mustine hydrochloride; MBA hydrochloride; N-Lost; Nitol; Nitol takeda; Nitrogen mustard hydrochloride; Nitrogranulogen hydrochloride; NCI-C56382; NM; SK-101. Antineoplastic agent. *Merck &*

Co., Inc.

5208 Medorubicin

64314-52-9

(7S-cis)-7-[(3-Amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,9,11-trihydroxy-9-(hydroxyacetyl)-5,12-naphthacenedione.

Medorubicin; 4-DMA; 4-Demethoxyadriamycin. Antineoplastic agent.

5209 Medorubicin Hydrochloride

64363-63-9

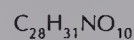
(7S-cis)-7-[(3-Amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,9,11-trihydroxy-9-(hydroxyacetyl)-5,12-naphthacenedione hydrochloride.

Medorubicin hydrochloride; 4-DMA HCl; 4-Demethoxyadriamycin HCl; NSC-256438. Antineoplastic agent.

5210 Menogaril

71628-96-1

5881

4-(Dimethylamino)-3,4,5,6,11,12,13,14-octahydro-3,5,8,10,13-pentahydroxy-11-methoxy-6,13-dimethyl 2,6-epoxy-2H-naphthaceno[1,2-b]oxocin-9,16-dione. U-52047; 7(R)-O-Methylnogarol; 7-O-Methylnogarol; 7-OMEN; NSC-269148. Antineoplastic agent. mp = 247-249° (dec), 250-254° (dec); $[\alpha]_D^{20} = 857^\circ$ (CHCl_3 c = 0.112), 867° (CHCl_3 c = 0.045); 958° (CHCl_3 c = 0.163); $\lambda_m = 235, 251, 257, 290, 479$ (ϵ 41200, 25500, 24150, 10500, 15530 EtOH). *Upjohn Ltd.***5211 Mequinol**

150-76-5

205-769-8



4-Methoxyphenol.

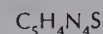
Antioxidant. Studied for its utility in treatment of malignant melanomas.

5212 6-Mercaptopurine

50-44-2

5919

200-037-4



1,7-Dihydro-6H-purine-6-thione.

Mercaptopurine; Purine-6-thiol; Hypoxanthine, thio-; Ismipur; Leukeran; Leukerin; Leupurin; Mercalukim; Mercalukin; Mercapurin; Mern; Puri-Nethol; Purimethol; Purinethiol; U-4748; 3H-Purine-6-thiol; 6 MP; 6-Purinethiol; 6-Thioxopurine; 7-Mercapto-1,3,4,6-tetrazaindene; 6-Purinethiol hydrate; NSC-755.

Antineoplastic, immunosuppressant. Dec 313-314°; $\lambda_m = 230, 312$ nm (ϵ 14000, 19600 0.1N NaOH); insoluble in H_2O , organic solvents; slightly soluble in EtOH; LD_{50} (mus ip) = 157 mg/kg.**5213 Metamelfalan**

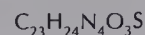
1088-80-8



3-[m-[Bis(2-chloroethyl)amino]phenyl]-L-alanine. L-m-Sarcosylsin; NSC-67781. Antineoplastic agent.

5214 Metesind

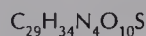
138384-68-6

4-[[α -(2-Aminobenz[cd]indol-6-yl)methylamino]-p-tolyl]sulfonylmorpholine.

Antineoplastic agent. Thymidylate synthase inhibitor. Agouron Pharmaceuticals, Inc.

5215 Metesind Glucuronate

157182-23-5

4-[[α -(2-Aminobenz[cd]indol-6-yl)methylamino]-p-tolyl]sulfonylmorpholine mono-D-glucuronate.

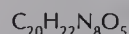
AG-331. Antineoplastic agent. Thymidylate synthase inhibitor. Agouron Pharmaceuticals, Inc.

5216 Methotrexate

59-05-2

6065

200-413-8

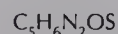


L-(+)-N-[[[2,4-Diamino-6-pteridiny]methyl]-methylamino]benzoyl]glutamic acid.

Amethopterin; CL-14377; EMT-25299; HDMTX; Metatrexan; Methopterin; NSC-740; Methylaminopterin; MTX; NCI-C04671; R-9985; CL-14377. Antineoplastic agent. mp = 185-204°; $\lambda_m = 244, 307$ nm (0.1N HCl); LD_{50} (rat orl) = 135 mg/kg. *Bristol-Myers Oncology.***5217 Methylthiouracil**

56-04-2

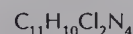
6210



2,3-Dihydro-6-methyl-2-thioxo-4(1H)-pyrimidinone.

NSC-193526; Antibason; Basecil; Basethyrin; Methiacil; Methicil; Methiocil; Methylthiouracil; Muracil; Muracin; MTU; Orcanon; Prostrumyl; Strumacil; Thimecil; Thiomecil; Thiomidil; Thioryl; NSC-9378; Thiothymin; Thiothyron; Thiuryl; Thyreonorm; Thyreostat; Thyreostat I; Thyril; Tiomeracil; Tiorale M; Tiotiron; USAF EK-6454; 4-Methyluracil; 6-Methyl-2-thiouracil. Antineoplastic agent. Thyroid inhibitor. mp = 326-331° (dec); slightly soluble in H_2O , EtOH, Et_2O ; insoluble in other organic solvents; MLD (rbt orl) = 2500 mg/kg.**5218 Metoprine**

7761-45-7

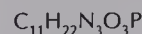


5-(3,4-Dichlorophenyl)-6-methyl-2,4-pyrimidinediamine. NSC-19494; BW-197U; BW-50197; DDMP; Methodichlorophen; SK-5265; U-197; NSC-7364. Antineoplastic agent.

5219 Meturedopa

1661-29-6

6245



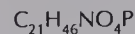
Ethyl [bis(2,2-dimethyl-1-aziridinyl)phosphinyl]-carbamate.

AB-132; Turloc; NSC-51325. Antineoplastic agent. mp = 119-121°.

5220 Miltefosine

58066-85-6

6285

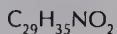


Choline hydroxide hexadecyl hydrogen phosphate inner salt.

hexadecylphosphorylcholine; D-18506; HPC; Miltex. Antineoplastic. mp = 232-234° (dec); LD_{50} (rat orl) = 246 mg/kg.

5221 Miproxifene

129612-87-9

(Z)- α -[p-[2-(Dimethylamino)ethoxy]phenyl]- α' -ethyl-4'-isopropyl-4-stilbenol.

TAT-59 [as phosphate]. Antineoplastic.

5222 Mithramycin

18378-89-7

7696

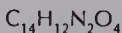
232-455-8



[2S-[2 α ,3 β (1R*,3R*,4S*)]]-6-[[2,6-Dideoxy-3-O-(2,6-dideoxy- β -D-arabino-hexopyranosyl)- β -D-arabino-hexopyranosyl]oxy]-2-[(O-2,6-dideoxy-3-C-methyl- β -D-ribo-hexopyranosyl-(1 $\rightarrow$ 4)-O-2,6-dideoxy- α -D-lyxo-hexopyranosyl-(1 $\rightarrow$ 3)-2,6-dideoxy- β -D-arabino-hexopyranosyl)oxy]-3-(3,4-dihydroxy-1-methoxy-2-oxopentyl)-3,4-dihydro-8,9-dihydroxy-7-methyl-1(2H)-anthracenone. A-2371; Antibiotic LA-7017; Aurelic acid; Aureolic acid; Mithracin; Mithramycin A; Mitramycin; PA-144; NSC-24559; plicamycin. Antineoplastic agent. mp = 180-183°; $[\alpha]_D^{20} = 51^\circ$ (c = 0.4 EtOH); soluble in H₂O, polar organic solvents; less soluble in Et₂O, C₆H₆; LD₅₀ (rat iv) = 1.74 mg/kg. *Bayer Corp., Pharmaceutical Div.*

5223 Mitindomide

10403-51-7

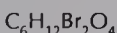


(3 α ,3 β ,4 α ,4 β ,7 α ,8 α ,8 β ,8 $\beta\alpha$)-3a,3b,4,4a,7a,8,8a,8b-Octahydro-4,8-ethenopyrrolo[3',4':3,4]cyclobut[1,2-f]-isoindole-1,3,5,7(2H,6H)tetrone. Benzenebismaleimide adduct; Mitindomide; NSC-284356. Antineoplastic agent. *National Cancer Inst.*

5224 Mitobronitol

488-41-5

6298



1,6-Dibromo-1,6-dideoxy-D-mannitol.

D-Dibromomannitol; Dibromannit; Dibromannitol; Dibromomannitol; Mielobromol; NSC-94100; Mitobronitol; Myelobromol; NCI-C04762; R-54; 1,6-Dibromo-D-mannitol; 1,6-Dibromo-1,6-dideoxy-D-mannitol; 1,6-Dibromomannitol. Antineoplastic agent. mp = 176-178°.

5225 Mitocarcin

11056-14-7

Antineoplastic agent. Antibiotic derived from *Streptomyces* species.**5226 Mitocromin**

11043-98-4

B-35251; NSC-77471. Antineoplastic agent. Antibiotic derived from *Streptomyces viridochromogenes* species.**5227 Mitogillin**

1403-99-2

Antineoplastic agent. Antibiotic produced by *Aspergillus restrictus*.**5228 Mitoguazone**

459-86-9

6299

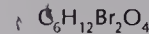


1,1'-[(Methylethanediylidene)dinitrilo]diguanidine.

Antineoplastic agent. mp = 225° (dec); $\lambda_m = 283$ nm (ϵ 38400 pH 1), 325 nm (ϵ 33500 pH 11).**5229 Mitolactol**

10318-26-0

6300



1,6-Dibromo-1,6-dideoxy-D-galactitol.

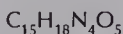
Dibromdulcit; Dibromdulcitol; Dibromodulcitol; Dibromogalactitol; DBD; Elobromol; NSC-104800; NCI-C04795. Antineoplastic agent. mp = 187-188°; LD₅₀ (rat orl) = 1400 mg/kg, (rat ip) = 470 mg/kg.

5230 Mitomalcin

11043-99-5

NSC-113233. Antineoplastic agent. Antibiotic produced by *Streptomyces malayensis*. *Pfizer International*.**5231 Mitomycin**

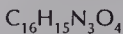
50-07-7



(1aS,8S,8aR,8bS)-6-Amino-1,1a,2,8,8a,8b-hexahydro-8-(hydroxymethyl)-8a-methoxy-5-methylazirino[2',3':3,4]-pyrrolo[1,2-a]indole-4,7-dione carbamate (ester). Mutamycin; Mitomycin C; MMC; Ametecine; NSC-26980. Antineoplastic agent. *Bristol-Myers Oncology*.

5232 Mitonafide

54824-17-8



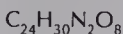
N-[2-(Dimethylamino)ethyl]-3-nitronaphthalimide.

Non-cationic tricyclic aromatic carboxamide cytotoxic agent. Antineoplastic.

5233 Mitopodozide

1508-45-8

7703

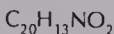


Podophyllic acid 2-ethylhydrazide.

SPI-77; NSC-72274. Antineoplastic agent. $[\alpha]_D = -154^\circ$ (CHCl₃ c = 0.5).

5234 Mitoquidone

91753-07-0



5,14-Dihydrobenz[5,6]isoindolo[2,1-b]isoquinoline-8,13-dione.

GR-30921. A pentacyclic pyrroloquinone. Antineoplastic.

5235 Mitosper

11056-15-8

NSC-117032. Antineoplastic agent. *State of Michigan Department of Public Health*.**5236 Mitotane**

53-19-0

6302

200-166-6



1,1-Dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)-ethane.

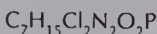
Lysodren; o,p'-DDE; NSC-38721. Antineoplastic agent. mp = 76-78°; soluble in EtOH, isooctane, CCl₄. *Bristol-Myers Oncology*.

5237 Mitoxana

3778-73-2

4937

223-237-3



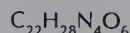
3-(2-Chloroethyl)-2-[(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide.

Isophosphamide; Ifex; lphosphamid; Isoendoxan; Cyfos; Holoxan; Mitoxana; Naxamide; A-4942; Asta-Z-4942; NSC-109724; Holoxan 1000; Ifosfamid; lphosphamid;

Isofosfamide; MJF-9325; Z-4942. Antineoplastic agent.
mp = 39-41°; LD₅₀ (rat ip) = 150 mg/kg, 160 mg/kg.
Bristol-Myers Oncology.

5238 Mitoxantrone

65271-80-9 6303



1,4-Dihydroxy-5,8-bis[[2-[(2-hydroxyethyl)amino]ethyl]-amino]-9,10-anthracenedione.
Dihydroxyanthraquinone; DHAQ; Mitoxantrone [as free base]; NSC-279836. Antineoplastic agent. mp = 160-162°; λ_m = 244, 279, 525, 620, 660 nm (log ε 4.64, 4.31, 3.70, 4.37, 4.38 EtOH); sparingly soluble in H₂O, EtOH; insoluble in organic solvents.

5239 Mitoxantrone Dihydrochloride

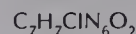
70476-82-3 6303



1,4-Dihydroxy-5,8-bis[[2-[(2-hydroxyethyl)amino]ethyl]-amino]-9,10-anthracenedione dihydrochloride.
DHAQ; CL232315; NSC-279836; Novantrone; Immunex; CL-232315. Antineoplastic agent. mp = 203-205°; λ_m = 241, 273, 608, 658 nm (ε 41000, 12000, 19200, 20900 H₂O); sparingly soluble in H₂O, MeOH; insoluble in organic solvents.

5240 Mitozolomide

85622-95-3 287-943-3



3-(2-Chloroethyl)-3,4-dihydro-4-oxoimidazo[5,1-d]-as-tetrazine-8-carboxamide.
M&B-39565; NSC-353451. Antitumor bicyclic imidazotetrazine; a chloroethylating agent. Antineoplastic.

5241 Mivobulin Isethionate

126268-81-3



Ethyl (S)-5-amino-1,2-dihydro-2-methyl-3-phenylpyrido[3,4-b]pyrazine-7-carbamate mono(2-hydroxyethanesulfonate).
BW-B1090U; Mivacron; CI-980. Antineoplastic agent. Microtubule inhibitor. *Parke-Davis.*

5242 Mofarotene

125533-88-2



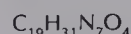
4-[2-[p-[(E)-2-(5,6,7,8-Tetrahydro-5,5,8,8-tetramethyl-2-naphthyl)propenyl]phenoxy]ethyl]morpholine.
Ro-40-8757. Retinoid analog. Antineoplastic.

5243 Momordicine

N-(Ethoxycarbonyl)-3-(4-morpholinyl)sydnone imine.
morsydomine; SIN-10; Corvaton; Corvasal; Molsidolat; Morial; Motazomin; Molsidain; Molsidaine. Antianginal.

5244 Mopidamol

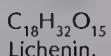
13665-88-8 6344



2,2',2,2''-[4-(Piperidinopyrimido[5,4-d]pyrimidine-2,6-diyl)dinitrilo]tetraethanol.
RA-233; Rapenton. Antineoplastic agent. Platelet aggregation inhibitor with antimetastatic properties. mp = 157-158°.

5245 Moss Starch

1402-10-4 5503 215-755-3



Lichenin.

Antineoplastic agent. Soluble in H₂O; [α]_D = 18.4°.

5246 Mustargen®

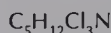
55-86-7 5815



N,N-Bis(2-chloroethyl)methylamine monohydrochloride.
Azotoyperite; C 6866; Caryolysine hydrochloride; Chloramin hydrochloride; Chlorethamine; Chlorethazine; Chlormethine hydrochloride; Chlormethinum; Dema; Dichloren hydrochloride; Dichloromethyldiethylamine hydrochloride; Dimitan; Embechine; Embichin hydrochloride; NSC-762; Embikhine; Erasol hydrochloride; Erasol-Iso; HN2 hydrochloride; Mechlorethamine hydrochloride; Mitoxine; Mustargen hydrochloride; Mustine hydrochloride; MBA hydrochloride; N-Lost; Nitol; Nitol takeda; Nitrogen mustard hydrochloride; Nitrogranulogen hydrochloride; NCI-C56382; NM; SK 101. Antineoplastic agent. *Merck & Co., Inc.*

5247 Mustine

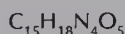
55-86-7



N,N-Bis(2-chloroethyl)methylamine monohydrochloride.
Azotoyperite; C 6866; Caryolysine hydrochloride; Chloramin hydrochloride; Chlorethamine; Chlorethazine; Chlormethine hydrochloride; Chlormethinum; Dema; Dichloren hydrochloride; Dichloromethyldiethylamine hydrochloride; Dimitan; Embechine; Embichin hydrochloride; NSC-762; Embikhine; Erasol hydrochloride; Erasol-Iso; HN2 hydrochloride; Mechlorethamine hydrochloride; Mitoxine; Mustargen hydrochloride; Mustine hydrochloride; MBA hydrochloride; N-Lost; Nitol; Nitol takeda; Nitrogen mustard hydrochloride; Nitrogranulogen hydrochloride; NCI-C56382; NM; SK 101. Antineoplastic agent. *Merck & Co., Inc.*

5248 Mutamycin

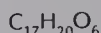
50-07-7 6301 200-008-6



(1aS,8S,8aR,8bS)-6-Amino-1,2a,2,8a,8b-hexahydro-8-(hydroxymethyl)-8A-methoxy-5-methylazirino[2',3':3,4]-pyrrolo[1,2-a]indole-4,7-dione carbamate (ester).
Mitomycin; Mitomycin C; MMC; Ametycine; NSC-26980.
Antineoplastic agent. mp > 360°; soluble in H₂O, organic solvents; λ_m = 216, 360, 560 nm (E₁^{1%}_{cm} 742, 742, 0.06 MeOH); LD₅₀ (mus iv) = 5 mg/kg. *Bristol-Myers Oncology.*

5249 Mycophenolic Acid

24280-93-1 6408



(E)-6-(1,3-Dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-4-hexenoic acid.
Melbex; NSC-129185; Lilly 68618; Melbex; MPA.
Antineoplastic agent. mp = 141°; insoluble in H₂O, soluble in organic solvents; LD₅₀ (mus orl) = 2500 mg/kg, (mus iv) = 550 mg/kg, (rat orl) = 700 mg/kg, (rat iv) = 450 mg/kg. *Eli Lilly & Co.*

5250 Myleran

55-98-1 1529 200-250-2



1,4-Butanediol dimethanesulfonate.

AN-33501; Busulfan; Busulphan; Buzulfan; Citosulfan; CB-2041; GT-2041; GT-41; Leucosulfan; Mablin; Mielevcin; Mielosan; Mielucin; Milecitan; Mileran; Misulban; NSC-750; Mitostan; Myeloleukon; Myelosan; Mylecitan; Myleran; NCI-C01592; Sulphabutin; X-149; 1,4-Bis(methanesulfonyloxy)butane; 2041 C.B. Antineoplastic agent. A proprietary preparation containing cyclopentolate hydrochloride; an antimuscarinic agent; eye drops. mp = 114-118°; insoluble in H₂O, soluble in organic solvents; LD₅₀ (mus iv) = 1.8 mg/kg. *Glaxo Wellcome Inc.*

5251 Myleran Tablets

55-98-1 1529 200-250-2

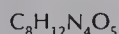


1,4-Butanediol dimethanesulfonate.

AN-33501; Busulfan; Busulphan; Buzulfan; Citosulfan; CB-2041; GT-2041; GT-41; Leucosulfan; Mablin; Mielevcin; Mielosan; Mielucin; Milecitan; Mileran; Misulban; NSC-750; Mitostan; Myeloleukon; Myelosan; Mylecitan; Myleran; NCI-C01592; Sulphabutin; X-149; 1,4-Bis(methanesulfonyloxy)butane; 2041 C.B. Antineoplastic agent. A proprietary preparation containing cyclopentolate hydrochloride; an antimuscarinic agent; eye drops. mp = 114-118°; insoluble in H₂O, soluble in organic solvents; LD₅₀ (mus iv) = 1.8 mg/kg. *Glaxo Wellcome Inc.*

5252 Mylosar

320-67-2 923



4-Amino-1-β-D-ribofuranosyl-1,3,5-triazin-2(1H)-one.

5-azacytidine; ladakamycin; U-18496; NSC-102816.

Antineoplastic agent. mp = 228-230°; $[\alpha]_D^{25} = 39^\circ$ (H₂O, c = 1); $\lambda_m = 241$ nm (ϵ 8767 H₂O), 249 nm (ϵ 3077 0.01N HCl), 223 nm (ϵ 24200 0.01N KOH); LD₅₀ (mus ip) = 115.9 mg/kg, (mus orl) = 572.3 mg/kg. *Pharmacia & Upjohn, Inc.*

5253 Natulan

366-70-1 7938 206-678-6

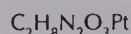


N-(1-Methylethyl)-4-[(2-methylhydrazino)methyl]-benzamide monohydrochloride.

procarbazine hydrochloride; Ibenzmethazine hydrochloride; Matulane; MBH; MIH hydrochloride; Nathulane; Natulan; NSC-77213; Natunalar; NCI-C01810; Procarbazine; PCB hydrochloride; Ro 4 6467/1. Antineoplastic agent. mp = 223-226°; LD₅₀ (rat orl) = 785 mg/kg. *Hoffmann-LaRoche Inc.*

5254 Nedaplatin

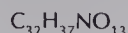
95734-82-0

cis-Diammine(glycolato-O¹,O²)platinum.

Antineoplastic agent.

5255 Nemorubicin

108852-90-0



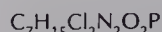
(1S,3S)-3-Glycoloyl-1,2,3,4,6,11-hexahydro-3,5,12-

trihydroxy-10-methoxy-6,11-dioxo-1-naphthacenyl 2,3,6-trideoxy-3-[(S)-2-methoxymorpholino]-α-L-lyxo-hexopyranoside.

Antineoplastic agent.

5256 Neosar

50-18-0 2816 200-015-4

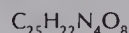


(Bis(chloro-2-ethyl)amino)-2-tetrahydro-3,4,5,6-oxazaphosphorine-1,3,2-oxide-2 hydrate.

ASTA-B-518; Clafen; Claphene; Cyclophosphamid; Cyclophosphamide; Cyclophosphamidum; Cyclophosphan; Cyclophosphane; Cyclostin; Cytophosphan; Cytozan; NSC-26271; CB-4564; CP; CPA; CTX; CY; Endoxan; Endoxan R; Endoxan-Asta; Endoxana; Endoxanal; Endoxane; Enduxan; Genoxal; Hexadrin; Mitoxan; Neosar; NCI-C04900; Procytox; Semdoxan; Sendoxan; Senduxan; SK 20501; Zyklophosphamid. Antineoplastic agent. mp = 41-45°; soluble in H₂O (40 g/l), less soluble in organic solvents; LD₅₀ (rat orl) = 94 mg/kg. *Pharmacia & Upjohn, Inc.*

5257 Nigrin

3930-19-6 8986 223-501-8



5-Amino-6-(7-amino-5,8-dihydro-6-methoxy-5,8-dioxo-2-quinolyl)-4-(2-hydroxy-3,4-dimethoxyphenyl)-3-methylpicolinic acid.

streptonigrin; Abbott Crystalline antibiotic; Antibiotic from *Streptomyces flocculus*; AO50165L302; NSC-45383; Bruneomycin; Nigrin; Rufochromomycin; Rufocromomycin; Streptonigran; Streptonigrin; STP; STREPTONIGRIN; 5278 R. P. Antineoplastic agent. mp = 262-263° (dec); $\lambda_m = 248, 375-380$ nm (ϵ 38400, 17400, MeOH); slightly soluble in H₂O, alcohols; more soluble in dioxane, C₅H₅N, DMF. *Pfizer Inc.*

5258 Nimustine

42471-28-3 6645



3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-1-(2-chloroethyl)-1-nitroso-urea.

9-methylfolic acid; Bremfol. Antineoplastic agent. mp = 125° (dec).

5259 Nimustine Hydrochloride

55661-38-6 6645

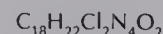


3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-1-(2-chloroethyl)-1-nitroso-urea hydrochloride.

ACNU; CS-439 HCl; Nidran hydrochloride; Nimustine hydrochloride; NSC-245382. Antineoplastic agent. $\lambda_m = 245$ nm ($E_{1\text{ cm}}^{1\%} = 480-510$ 0.04N HCl); soluble in EtOH, less soluble in other organic solvents; LD₅₀ (mus iv) = 62 mg/kg, (rat iv) = 46 mg/kg.

5260 Nitracrine Hydrochloride

6514-85-8 6661



9-[[3-(Dimethylamino)propyl]amino]-1-nitroacridine dihydrochloride.

C-283; Ledacrine; Nitracrine dihydrochloride; NSC-247561. Antineoplastic agent. mp = 134-135°; insoluble in H₂O, soluble in organic solvents.

5261 Nocodazole

31430-18-9

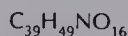


[[5-(2-Thienylcarbonyl)-1H-benzimidazol-2-yl]]carbamic acid methyl ester.

Oncodazole; R-17934; NSC-238159. Antineoplastic agent. *Janssen Pharmaceutical, Belgium*.**5262 Nogalamycin**

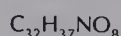
1404-15-5

6767

(2 α ,3 β ,4 α ,5 β ,6 α ,11 β ,13 α ,14 α)-(+)-11-[(6-Deoxy-3-C-methyl-2,3,4-tri-O-methyl- α -L-mannopyranosyl)oxy]-4-(dimethylamino)-3,4,5,6,9,11,12,13,14,16-decahydro-3,5,8,10,13-pentahydroxy-6,13-dimethyl-9,16-dioxo-2,6-epoxy-2H-naphthaceno[1,2-b]oxocin-14-carboxylic acid methyl ester.Antibiotic from *Streptomyces nogalater* var. *nogalater*; Antibiotic 205t3; Nogalamycin (8Cl); U-15167; NSC-70845. A proprietary preparation of allyl isothiocyanate, ethyl nicotinate, methyl salicylate, eugenol, oil of turpentine, and cholesterol in a hydrophilic base. mp = 195-196° (dec); [α]_D²⁵ = 425° (CHCl₃ c = 0.11); λ_m = 236, 258, 292 nm (ϵ 52360, 24755, 9890 EtOH); insoluble in H₂O, alcohols, soluble in organic solvents; LD₅₀ (mus iv) = 11.75 mg/kg, (mus ip) = 4.79 mg/kg. *Rybar Labs. Ltd.***5263 Noltam**

54965-24-1

9216

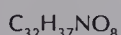


Ethanamine, 2-[4-(1,2-diphenyl-1-butenyl)phenoxy]-N,N-dimethyl-, (Z)-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1).

ICI-46474 citrate; Nolvadex; Tamoxifen; Tamoxifen citrate; TAMOXIFEN; TMX; NSC-180973. Antineoplastic agent. Antiestrogen, used in palliative treatment of breast cancer. mp = 140-142°; slightly soluble in H₂O; more soluble in EtOH, MeOH, Me₂CO; LD₅₀ (mus ip) = 200 mg/kg, (mus iv) = 62.5 mg/kg, (mus orl) = 3000-6000 mg/kg, (rat ip) = 600 mg/kg, (rat iv) = 62.5 mg/kg, (rat orl) = 1200-2500 mg/kg. *ICI*.**5264 Nolvadex**

10540-29-1

9216

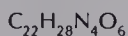


Tamoxifen citrate.

ICI-46474 citrate; Noltam; Tamoxifen; Tamoxifen citrate; TAMOXIFEN; TMX; NSC-180973. Antineoplastic agent. Antiestrogen, used in palliative treatment of breast cancer. mp = 140-142°. *ICI*.**5265 Novantrone**

70476-82-3

6303



Mitoxantrone hydrochloride.

Dihydroxyanthraquinone; DHAQ; Mitoxantrone [as free base]; NSC-279836. Antineoplastic agent. mp = 203-205°; λ_m = 241, 273, 608, 658 nm (ϵ 41000, 12000, 19200, 20900 H₂O); sparingly soluble in H₂O, MeOH; insoluble in organic solvents. *Immunex Corp.***5266 Oltipraz**

64224-21-1

264-736-6



4-Methyl-5-(pyrazinyl)-3H-1,2-dithiole-3-thione.

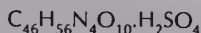
RP-35972. Anticarcinogen. An antischistosomal drug with chemoprotective properties.

5267 Oncovin

2068-78-2

10124

200-318-1



Vincalukoblastine, 22-oxo-, sulfate (1:1) (salt) (9Cl).

Kyocristine; Leurocristine sulfate; Lilly 37231; LCR; Oncovin; Onkovin; Vincristine sulfate; Vincristine, sulfate; Vincrisul; VCR sulfate; 37231; NSC-67574. Antineoplastic agent. *Eli Lilly & Co.***5268 Ormaplatin**

62816-98-2

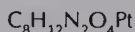


(±)-trans-Tetrachloro(1,2-cyclohexanediamine)platinum.

U-77233; tetraplatin; NSC-363812. Antineoplastic agent. *Pharmacia & Upjohn, Inc.***5269 Oxaliplatin**

61825-94-3

7044



[(1R,2R)-1,2-Cyclohexanediamine-N,N'] [oxolato(2-)-O,O']platinum.

1,2-Cyclohexanediamine, platinum complex, (1R-trans)- (9Cl); Trans-1-diaminocyclohexane oxalatoplatinum; OXALIPLATIN; DACPLAT; ELOXATIN; NSC-266046.

Antineoplastic agent. Soluble in H₂O (7.9 mg/ml).**5270 Oxisuran**

27302-90-5

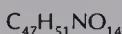


(Methylsulfinyl)methyl-2-pyridyl ketone.

Ismisupren; Ketone, (methylsulfinyl)methyl 2-pyridyl; NSC-356716; 2-[(methylsulfinyl)acetyl]pyridine; W 6495. Antineoplastic agent. *Parke-Davis*.**5271 Paclitaxel**

33069-62-4

7117

[2aR-[2 α ,4 β ,4a β ,6 β ,9 α -(R*, β S*)],11 α ,12 α ,12a α ,12b α]]- β -(Benzoylamino)- α -hydroxybenzenepropanoic acid 6,12b-bis(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl ester.Taxol®; NSC-125973. Antineoplastic agent. Microtubule inhibitor; used in treatment of ovarian cancer. mp = 213-216° (dec); [α]_D²⁰ = -49° (MeOH); λ_m = 227, 273 nm (ϵ 29800 1700 MeOH). *Bristol-Myers Oncology*.**5272 Pazelliptine**

65222-35-7



10-[[3-(Diethylamino)propyl]amino]-6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinoline.

Antineoplastic agent.

5273 Pegaspargase

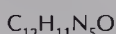
130167-69-0

871

(Monomethoxypolyethylene glycol succinimidyl)₇-L-asparaginase.Oncaspar. Antineoplastic agent. Reaction product of asparaginase with succinic anhydride. Used in treatment of acute leukemia. *Enzon, Inc.*

5274 Peldesine

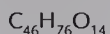
133432-71-0



2-Amino-3,5-dihydro-7-(3-pyridylmethyl)-4H-pyrrolo[3,2-d]pyrimidin-4-one.

BCX-34. Antineoplastic and antipsoriatic agent. *BioCryst Pharmaceuticals, Inc.***5275 Peliomycin**

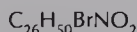
1404-20-2



NSC-76455. Antineoplastic agent.

5276 Penoctonium Bromide

17088-72-1

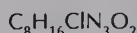


Diethyl(2-hydroxyethyl)octyl ammonium bromide dicyclopentylacetate.

Potential chemotherapeutic agent.

5277 Pentamustine

73105-03-0

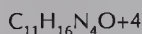


1-(2-Chloroethyl)-3-neopentyl-1-nitrosourea.

NCNU. Antineoplastic agent. *National Foundation for Cancer Res.***5278 Pentostatin**

53910-25-1

7277



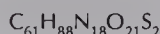
(R)-3-(2-Deoxy-β-D-erythro-pentofuranosyl)-3,6,7,8-tetrahydroimidazo[4,5-d][1,3]diazepin-8-ol.

Co-V; Co-Vidarabine; CI-825; CL-67310465; Covidarabine; Deaminase inhibitor; NSC-218321; Pentostatin; PD-ADI; Vira A deaminase inhibitor; 2'-Dexoycoformycin; 2'-DCF; Nipent. Antineoplastic agent.

Potentiator. mp = 220-225°, 204-209.5°; λ_m = 282 nm (ϵ 8000 pH 7), 283 nm (ϵ 7970 pH 11), 283 nm (ϵ 7570 → 3143 over 6.5 hours pH 2); $[\alpha]_D^{25}$ = 76.4° (H₂O c = 1), $[\alpha]_D^{23}$ = 73.0° (pH 7 buffer c = 1). *Parke-Davis.***5279 Peplomycin**

68247-85-8

7286



N-[3-[[[(S)-(α-Methylbenzyl)]amino]propyl]-bleomycinamide.

Antineoplastic agent. Bleomycin derivative with cytostatic activity and less pulmonary toxicity than bleomycin. *Bristol-Myers Oncology.***5280 Peplomycin Sulfate**

70384-29-1

7286

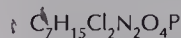


N-[3-[[[(S)-(α-Methylbenzyl)]amino]propyl]bleomycinamide sulfate (1:1) (salt).

NK-631. Antineoplastic agent. Bleomycin derivative with cytostatic activity and less pulmonary toxicity than bleomycin. mp = 196-198°; $[\alpha]_{436}^{25}$ = -2.0° (H₂O c = 1); soluble in H₂O, MeOH, AcOH, DMSO, DMF; insoluble in less polar solvents; LD₅₀ (rat sc) = 234 mg/kg, (rat ip) = 208 mg/kg, (rat iv) = 245 mg/kg, (mus sc) = 88 mg/kg, (mus ip) 85 mg/kg. *Bristol-Myers Oncology.***5281 Perfosfamide**

62435-42-1

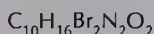
7303



(±)-cis-2-[Bis(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorin-4-yl hydroperoxide.

P-oxide; Pergamid;4-HC; NSC-181815. Antineoplastic agent. mp = 107=108°; LD₅₀ (rat iv) = 115 mg/kg, (rat ip) = 131 mg/kg, (mus iv) = 235 mg/kg, (mus ip) = 181 mg/kg. *Scios Nova Inc.***5282 Pipobroman**

54-91-1

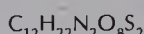


1,4-Bis(3-bromopropionyl)-piperazine.

Amedel; N,N'-bis(3-bromopropionyl)piperazine; Vercyte; NSC-25154; A-8103. Antineoplastic agent. *Abbott Labs.***5283 Pipsulfan**

2608-24-4

7635



1,4-Dihydracryloylpiperazine dimethanesulfonate.

A-20968; Ancyte; 1,4-Dihydracryloylpiperazine, dimethanesulfonate; NSC-47774. Antineoplastic agent. mp = 175-177°. *Abbott Labs.***5284 Pirarubicin Hydrochloride**

72496-41-4

7642



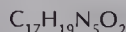
(8S,10S)-10-[[3-Amino-2,3,6-trideoxy-4-O-(2R-tetrahydro-2H-pyran-2-yl-α-L-lyxopyranosyl)oxy]-8-glycoloyl-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-5,12-naphthacenedione.

THP-adriamycin HCl; Pirarubicin HCl; NSC-654509. Antineoplastic agent.

5285 Piritrexim

72732-56-0

7654



2,4-Diamino-6-(2,5-dimethoxybenzyl)-5-methylpyrido[2,3-d]pyrimidine.

BW-301U. Antiproliferative agent. mp = 252-254°. *Glaxo Wellcome Inc.***5286 Piritrexim Isethionate**

79483-69-5

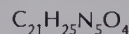
7654



2,4-Diamino-6-(2,5-dimethoxybenzyl)-5-methylpyrido[2,3-d]pyrimidine mono(2-hydroxyethanesulfonate).

BW-301U isethionate. Antiproliferative agent. A proprietary preparation of chlorpheniramine maleate; antihistaminic. LD₅₀ (rat orl) = 764 mg/kg; LD₉₀ (rat orl) = 1572 mg/kg. *Glaxo Wellcome Inc.***5287 Piroxantrone**

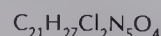
91441-23-5



5-[(3-Aminopropyl)amino]-7,10-dihydroxy-2-[2-[(2-hydroxyethyl)amino]ethyl]anthra[1,9-cd]pyrazol-6(2H)-one.

Antineoplastic agent. *Parke-Davis.***5288 Piroxantrone Hydrochloride**

105118-12-5



5-[(3-Aminopropyl)amino]-7,10-dihydroxy-2-[2-[(2-

hydroxyethyl)amino]ethyl]anthra[1,9-cd]pyrazol-6(2H)-one dihydrochloride.

CI-942. Antineoplastic agent. *Parke-Davis*.

5289 Platinol

15663-27-1 2378

$\text{Cl}_2\text{H}_6\text{N}_2\text{Pt}$

(SP-4-2)-Diamminedichloroplatinum.

cis-diamminedichloroplatinum; cis-platinum II; cis-DDP; CACP; CPDC; DDP; Briplatin; Cismaplat; Cisplatyl; Citoplatino; Lederplatin; Neoplatin; Platamine; Platinex; Platiblastin; Platinol; Platinoxan; Platistin; Platosin; Rand; NSC-119875. Antineoplastic agent. mp = 270° (dec); soluble in H_2O (253 mg/100g), insoluble in organic solvents; LD₅₀ (gpg ip) = 9.7 mg/kg. *Bristol-Myers Oncology*.

5290 Plicamycin

18378-89-7 7696 232-455-8

$\text{C}_{22}\text{H}_{38}\text{O}_5$

[2S-[2+],3β(1R*,3R*,4S*)]]-6-[[2,6-Dideoxy-3-O-(2,6-dideoxy-β-D-arabino-hexopyranosyl)-β-D-arabino-hexopyranosyl]oxy]-2-[(O-2,6-dideoxy-3-C-methyl-β-D-ribo-hexopyranosyl-(1→4)-O-2,6-dideoxy-α-D-lyxo-hexopyranosyl-(1→3)-2,6-dideoxy-β-D-arabino-hexopyranosyl]oxy]-3-(3,4-dihydroxy-1-methoxy-2-oxopentyl)-3,4-dihydro-8,9-dihydroxy-7-methyl-1(2H)-anthracenone.

A-2371; Antibiotic LA 7017; Aurelic acid; Aureolic acid; Mithracin; Mithramycin A; Mitramycin; PA-144; NSC-24559; plicamycin. Antineoplastic agent. mp = 180-183°; $[\alpha]_D^{20} = 51^\circ$ (c = 0.4 EtOH); soluble in H_2O , polar organic solvents; less soluble in Et_2O , C_6H_6 ; LD₅₀ (rat iv) = 1.74 mg/kg. *Bayer Corp., Pharmaceutical Div.*

5291 Porfimer sodium

87806-31-3 7755

Photofrin II.

CL-184116. Antineoplastic agent, radioprotector and radiosensitizer.

5292 Porfiromycin

801-52-5 7756

$\text{C}_{16}\text{H}_{20}\text{N}_4\text{O}_5$

6-Amino-1,1a,2,8a,8b-hexahydro-8-(hydroxymethyl)-8a-methoxy-1,5-dimethyl-azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione carbamate (ester).

Methyl mitomycin C; Methylmitomycin; N-Methylmitomycin C; Porphyromycin; NSC-56410; U-14743. Antineoplastic agent. Dec 201-202°; $[\alpha]_D^{25} = 275^\circ$ (c = 0.1% MeOH); $\lambda_m = 217, 360, 555 \text{ nm}$ (ε 24600, 23000, 209 MeOH); slightly soluble in H_2O , moderately soluble in polar organic solvents; insoluble in hydrocarbon solvents. *Pharmacia & Upjohn, Inc.*

5293 Prednimustine

29069-24-7 7900

$\text{C}_{35}\text{H}_{45}\text{Cl}_2\text{NO}_6$

11β,17-dihydroxy-21-[4-[4-[Bis(2-chloroethyl)-amino]phenyl]-1-oxobutoxy].

Leo 1031; Sterecyt; NSC-171345; NSC-134087. Antineoplastic agent. mp = 163-164°; $[\alpha]_D^{24} = 92.9^\circ$ (CHCl_3 c = 1.06). *SmithKline Beecham Pharmaceuticals*.

5294 Procarbazine

671-16-9 7938

$\text{C}_{12}\text{H}_{19}\text{N}_3\text{O}$

N-(1-Methylethyl)-4-[(2-methylhydrazino)methyl]-benzamide.

MIH; Ro-4-6467; Ibenzmethyzine hydrochloride; Matulane; MBH; MIH hydrochloride; PCB hydrochloride; natulan hydrochloride; nathulane; natulan; natulanar; IBZ; NSC-77213. Antineoplastic agent. *Hoffmann-LaRoche Inc.*

5295 Procarbazine Hydrochloride

366-70-1 7938

$\text{C}_{12}\text{H}_{20}\text{ClN}_3\text{O}$

N-(1-Methylethyl)-4-[(2-methylhydrazino)methyl]-benzamide monohydrochloride.

ibenzmethyzin; MIH; Ro-4-6467; Ibenzmethyzine hydrochloride; Matulane; MBH; MIH hydrochloride; PCB hydrochloride; natulan hydrochloride; nathulane; natulanar; IBZ; Ro-4-6467. Antineoplastic agent. mp = 223-226°; LD₅₀ (rat orl) = 785 mg/kg. *Hoffmann-LaRoche Inc.*

5296 Proresid

1508-45-8 7703

$\text{C}_{24}\text{H}_{30}\text{N}_2\text{O}_8$

Podophyllic acid 2-ethylhydrazide.

SPI-77; NSC-72274. Antineoplastic agent. $[\alpha]_D = -154^\circ$ (c = 0.5 CHCl_3).

5297 Purinethol

50-44-2 5919 200-037-4

$\text{C}_5\text{H}_4\text{N}_4\text{S}$

1,7-Dihydro-6H-purine-6-thione.

Mercaptopurine; Purine-6-thiol; Hypoxanthine, thio; Ismipur; Leukeran; Leukerin; Leupurin; Mercaleukim; Mercaleukin; Mercapurin; Mern; Puri-Nethol; Purimethol; Purinethiol; U-4748; NSC-755; 3H-Purine-6-thiol; 6 MP; 6-Purinethiol; 6-Thioxopurine; 7-Mercapto-1,3,4,6-tetrazaindene; 6-Purinethiol hydrate; NSC-755.

Antineoplastic, immunosuppressant. Dec 313-314°; $\lambda_m = 230, 312 \text{ nm}$ (ε 14000, 19600 0.1N NaOH); insoluble in H_2O , organic solvents; slightly soluble in EtOH; LD₅₀ (mus ip) = 157 mg/kg, (hamster ip) = 364 mg/kg. *Glaxo Wellcome Inc.*

5298 Puromycin

53-79-2 8130

$\text{C}_{22}\text{H}_{29}\text{N}_7\text{O}_5$

3'-(α-Amino-p-methoxyhydrocinnamido)-3'-deoxy-N,N-dimethyladenosine.

CL-16536; PDH; puromycin; X 185. Antineoplastic, antiprotozoal (trypanosoma) agent. mp = 175.5-177°; $[\alpha]_D^{25} = -11^\circ$ (EtOH); $\lambda_m = 275 \text{ nm}$ (ε 20300 0.13N NaOH), 267.5 nm (ε 19500 0.1N HCl); LD₅₀ (mus iv) = 350 mg/kg, (mus ip) = 525 mg/kg; (mus orl) = 675 mg/kg. *ICN Pharmaceuticals, Inc.*

5299 Puromycin Hydrochloride

58-58-2 8130

$\text{C}_{22}\text{H}_{31}\text{Cl}_2\text{N}_7\text{O}_5$

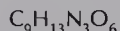
3'-(α-Amino-p-methoxyhydrocinnamido)-3'-deoxy-N,N-dimethyladenosine dihydrochloride.

CL-13900 dihydrochloride; P-638 dihydrochloride; Stylomycin dihydrochloride; 3123L, dihydrochloride;

NSC-3055. Antineoplastic, antiprotozoal (trypanosoma) agent. *ICN Pharmaceuticals, Inc.*

5300 Pyrazofurin

30868-30-5

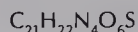


4-Hydroxy-3-β-D-ribofuranosylpyrazole-5-carboxamide. 1H-Pyrazole-5-carboxamide, 4-hydroxy-3-β-D-ribofuranosyl-; NSC-143095; Pirazofurin; β-Pyrazomycin; Pyrazomycin; Pyrozofurin; Przf; Pyrazofurin; Pyrazomycin; 47599. Antineoplastic agent. *Eli Lilly & Co.*

5301 Raltitrexed

112887-68-0

9684

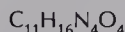


N-[5-[[[3,4-Dihydro-2-methyl-4-oxo-6-quinazolinyl)-methyl]methylamino]-2-thenoyl]-L-glutamic acid. Tomudex; ZD-1694. Antineoplastic agent. Thymidylate synthase inhibitor, used in treatment of advanced colorectal cancer. Monohydrate is soluble in H_2O , mp = 180-184°. *Zeneca Pharmaceuticals.*

5302 (±)-Razoxane

21416-87-5

8295

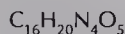


4,4'-(1-Methyl-1,2-ethanediyl)bis-2,6-piperazinedione. Razoxin; (±)-4,4'-propylenedi-2,6-piperazinedione; (±)-(3,5,3',5'-tetraoxo)-1,2-dipiperazinopropane; ICI-59118; ICRF-159; NSC-129943. Razoxin is an anti-cancer preparation containing razoxane. mp = 237-239°. *ICI Chemicals and Polymers Ltd.*

5303 Regamycin

801-52-5

7756



6-Amino-1,1a,2,8,8a,8b-hexahydro-8-(hydroxymethyl)-8a-methoxy-1,5-dimethyl-azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione carbamate (ester). Methyl mitomycin C; Methylmitomycin; N-Methylmitomycin C; Porphyromycin; NSC-56410; U-14743. Antineoplastic agent. Dec 201-202°; $[\alpha]_{\text{D}}^{25} = 275^\circ$ (c = 0.1% MeOH); $\lambda_{\text{m}} = 217, 360, 555 \text{ nm}$ (ϵ 24600, 23000, 209 MeOH); slightly soluble in H_2O , moderately soluble in polar organic solvents, insoluble in hydrocarbon solvents. *Pharmacia & Upjohn, Inc.*

5304 Retelliptine

72238-02-9



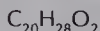
1-[[3-(Diethylamino)propyl]amino]-9-methoxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazole. Antineoplastic agent.

5305 Retin-A

302-79-4

8333

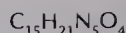
206-129-0



all-trans-Retinoic acid. Tretinoin 25WM; Vesanoide; NSC-122758. Keratolytic. Has antineoplastic activity. mp = 180-181°; $\lambda_{\text{m}} = 351 \text{ nm}$ (ϵ 45000 MeOH); LD_{50} (rat orl 10 day) = 2000 mg/kg. *BASF Corp; Hoffmann-La Roche Inc.; Ortho Pharmaceutical Corp.*

5306 Riboprime

7724-76-7



N-(3-Methyl-2-butenyl)adenosine.

IRA; NSC-105546. Antineoplastic agent. *Roswell Park Memorial Inst.*

5307 Rituximab

174722-31-7

Immunoglobulin G1 disulfide with human-mouse monoclonal IDEC-C2B8 kappa-chain, dimer. IDEC-C2B8; IDEC-102. Antineoplastic agent. Microtubule inhibitor. *IDEC Pharmaceuticals Corp.*

5308 Rodorubicin

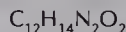
96497-67-5



(1S,3R,4R)-3-Ethyl-1,2,3,4,6,11-hexahydro-3,5,10,12-tetrahydroxy-6,11-dioxo-4-[[[2,3,6-trideoxy-3-(dimethylamino)-α-L-lyxohexopyranosyl]oxy]-1-naphthacenyl O-3,6-dideoxy-α-L-erythrohexopyranos-4-ulosyl(1→4)-O-2,6-dideoxy-α-L-lyxohexopyranosyl(1→4)-2,3,6-trideoxy-3-(dimethylamino)-α-L-lyxohexopyranoside 2,3'-anhydride. Antineoplastic agent.

5309 Rogletimide

121840-95-7



(±)-2-Ethyl-2-(4-pyridyl)glutarimide. Antineoplastic agent. *U.S. Bioscience.*

5310 Safingol

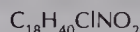
15639-50-6



(2S,3S)-2-Amino-1,3-octadecanediol. Antineoplastic, antipsoriatic agent. *Sphinx Pharmaceutical Corp.*

5311 Safingol Hydrochloride

139755-79-6



(2S,3S)-2-Amino-1,3-octadecanediol hydrochloride. Antineoplastic, antipsoriatic agent. *Sphinx Pharmaceutical Corp.*

5312 Samarium Sm-153 Lexidronam Pentasodium

154427-83-5



$[\text{N},\text{N}'\text{O}^{\text{P}},\text{OP};\text{ks}^{\text{I}},\text{O}^{\text{P}},\text{o}^{\text{P}},\text{P}^{\text{III}}]-[[[1,2\text{-ethanediylbis-}[\text{nitrilobis(methylene)}]]\text{tetrakis(phosphonato)}](8\text{-})\text{-Samarate-(5-)-}^{153}\text{Sm}.$ Antineoplastic agent. *Cytogen Corp.*

5313 Sedoxantrone Trihydrochloride

119221-49-7



5-[(2-Aminoethyl)amino]-2-[2-(diethylamino)ethyl]-2H-[1]benzothioipyran[4,3,2-cd]indazol-8-ol trihydrochloride. CI-958. Antineoplastic agent. DNA topoisomeras II inhibitor. *Parke-Davis.*

5314 Semustine

13909-09-6



1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea.

methyl CCNU; trans-Methyl-CCNU; Lomustine, methyl; MeCCNU; NSC-95441. Antineoplastic agent.

5315 Sendoxan

6055-19-2 2816

$C_7H_{15}Cl_2N_2O_2P \cdot H_2O$
N,N-Bis(2-Chloroethyl)tetrahydro-2H-1,3,2-oxazaphosphorin-2-amine 2-oxide.
2-[bis(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide; 1-bis-(2-chloroethyl)amino-1-oxa-2-aza-5-oxaphosphoridin; B 518; Cycloblastin; Cyclostin; Endoxan; Procytox; Sendoxan; Cytoxan; NSC-26271. Antineoplastic agent. mp = -41°; soluble in H_2O (10-50 mg/ml), poorly soluble in organic solvents; LD₅₀ (rat orl) = 94 mg/kg. *Degussa AG*.

5316 Simtrazene

5579-27-1

$C_{14}H_{16}N_4$
1,4-Dimethyl-1,4-diphenyl-2-tetrazene.
CL-26193; NSC-83799. Antineoplastic agent.

5317 Sobuzoxane

98631-95-9 8708

$C_{22}H_{34}N_4O_{10}$
4,4'-Ethylenebis[1-(hydroxymethyl)-2,6-piperazinedione] bis(isobutyl carbonate).
Antineoplastic agent. mp = 128-130°, 132-133°; insoluble in H_2O ; LD₅₀ (mmus ip) = 807 mg/kg, (mmus sc) = 400 mg/kg, (fmus ip) = 960 mg/kg, (fmus sc) = 673 mg/kg, (mrat ip) = 877 mg/kg, (mrat sc) = 3025 mg/kg, (frat ip) = 567 mg/kg, (frat sc) = 2821 mg/kg; reported as >5000 mg/kg orl in all species.

5318 Sodium Phenylbutyrate

1716-12-7

$C_{10}H_{11}NaO_2$
Sodium 4-phenylbutyrate.
PBA; Buphenyl; TriButyrate. A short-chain aromatic fatty acid that inhibits cell proliferation and induces apoptosis. Also used in treatment of ornithine transcarbamylase deficiency as a vehicle for waste nitrogen excretion in patients with inborn errors of urea synthesis. Antineoplastic, hematopoietic and antihyperammonemic. Used to reduce levels of ammonia in the blood.

5319 Sparfosate Sodium

66569-27-5

$C_6H_8NNa_2O_8P$
N-(Phosphonoacetyl)-L-aspartic acid disodium salt.
CI-882. Antineoplastic agent. *Parke-Davis*.

5320 Sparfosic Acid

51321-79-0

$C_6H_{10}NO_8P$
N-(Phosphonoacetyl)-L-aspartic acid.
Antineoplastic agent. *Parke-Davis*.

5321 Spirogermanium

41992-22-7 8916

$C_{17}H_{38}Cl_2GeN_2$
2-[3-(Dimethylamino)propyl]-8,8-diethyl-2-aza-8-germaspiro[4.5]decane dihydrochloride.
Spirogermanium 32; NSC-192965. Antineoplastic agent. mp = 287-288°; LD₅₀ (mus orl) = 324 mg/kg. *Unimed*,

Inc.

5322 Spirogermanium Dihydrochloride

41992-23-8 8916

$C_{17}H_{36}GeN_2$
2-[3-(Dimethylamino)propyl]-8,8-diethyl-2-aza-8-germaspiro[4.5]decane.
spirogermanium ; NSC-192965. Antineoplastic agent. mp = 287-288°; LD₅₀ (mus orl) = 324 mg/kg. *Unimed, Inc.*

5323 Spiromustine

56605-16-4

$C_{14}H_{23}Cl_2N_3O_2$
3-[2-[Bis(2-chloroethyl)amino]ethyl]-1,3-diazaspiro[4.5]decane-2,4-dione.
Spirohydantoin mustard; SHM; NSC-172112. Antineoplastic agent.

5324 Spiroplatin

74790-08-2

$C_8H_{18}N_2O_4PtS$
cis[1,1-Cyclohexanebis(methylamine)](sulfato)platinum.
NSC-311056. Antineoplastic agent. *Bristol-Myers Oncology*.

5325 ST 52

522-40-7 4279 208-328-8

$C_{18}H_{22}O_8P_2$
Diethylstilbestrol bisphosphate.
DESDP; α,α' -diethyl-(E)-4,4'-stilbenediol bis(dihydrogen phosphate); NSC-10481; diethylstilbestryl bisphosphate; fosfestrol; honvan; phosphestrol; ST52-Asta; stilbestrol bisphosphate; stilphostrol; fosfesterol. mp = 204-206° (dec); poorly soluble in H_2O .

5326 Streptonigrin

3930-19-6 8986 223-501-8

$C_{54}H_{94}N_{20}O_{36}S_3$
4-Pyridine carboxylic acid hydrazide hydrazone with O-2-deoxy-2-(methylamino)- α -L-glucopyranosyl-(1→2)-O-5-deoxy-3-C-formyl- α -L-lyxofuranosyl-(1→4)-N,N'-bis(aminoiminomethyl)-D-streptamine sulfate (2:3) (salt). streptoniazide; Strazide; Streptohydrazid; NSC-56748; NSC-83950; NSC-45383; A 050165L302; Abbott Crystalline antibiotic; Antibiotic from *Streptomyces flocculus*; Bruneomycin; Nigrin; Rufochromomycin; Rufocromomycin; Streptonigran; STP; 5278 R. P. Antineoplastic agent. mp = 262-263°; dec 275°; λ_m = 248, 375-380 nm (ϵ 38400, 17400 MeOH); slightly soluble in H_2O , more soluble in polar organic solvents. *Pfizer Inc.*

5327 Streptozocin

18883-66-4 8991

$C_8H_{15}N_3O_7$
2-Deoxy-2-[[[methylnitrosoamino]carbonyl]amino]-D-glucose.
NSC-37917; NSC-85998; Streptozotocin; Streptozotocin, Pure; STZ; U-9889; Zanosar. Antineoplastic agent. mp = 115° (dec); soluble in H_2O , lower alcohols, ketones; λ_m = 228 nm (ϵ 6360); LD₅₀ (mus ip) = 360 mg/kg. *Pharmacia & Upjohn, Inc.*

5328 Sufosfamide

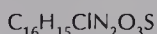
37753-10-9



2-[[3-(2-Chloroethyl)tetrahydro-2H-1,3,2-oxa-phosphorin-2-yl]amino]ethanol methanesulfonate (ester).
An oxazaphosphorine derivative. Antineoplastic; immunosuppressant.

5329 Sulofenur

110311-27-8



1-(p-Chlorophenyl)-3-(5-indanylsulfonyl)urea.
LY-186641. Antineoplastic agent. *Eli Lilly & Co.*

5330 Sunfural®

17902-23-7

9267



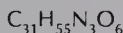
5-Fluoro-1-(tetrahydro-2-furanyl)-2,4(1H,3H)-pyrimidinedione.

Tegafur; FT-207; MJF-12264; Citofur; Coparogin; Exonal; Fental; NSC-148958; Franrose; Ftorafur; Fulaid; Fulfeel; Furafluor; Furofutan; Futraful; Lamar; Lifril; Neberk; Nitobanil; Rioli; Sinoflurol; Tefsiel C. Antineoplastic agent.
mp = 164-165°; λ_m = 270 nm (ϵ 8460 pH 2, 8050 pH 7, 6700 pH 12); soluble in H_2O , EtOH, DMF, insoluble in Et_2O ; LD₅₀ (mus orl 3 day) = 900 mg/kg, (mus orl) = 750 mg/kg, (mus ip) = 1150 mg/kg. *Asahi Chem. Industry.*

5331 Sunrabin®

55726-47-1

3624



N-(1-β-D-Arabinofuranosyl-1,2-dihydro-2-oxo-4-pyrimidinyl)docosanamide.
enocitabine; NSC-239336. Antineoplastic agent. mp = 141-142°; $[\alpha]_D$ = 70° (THF, c = 1.0, 22°); λ_m = 216, 248, 303 nm (ϵ 16400, 15200, 8200).

5332 Tabloid

154-42-7

9473

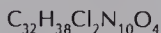
205-827-2



2-Aminopurine-6(1H)-thione.
thioguanine; tioguanine; NSC-752. Antineoplastic agent.
mp > 360°. *Glaxo Wellcome Inc.*

5333 Tallimustine

115308-98-0

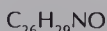


N-(2-Amidinoethyl)-4-[p-[bis(2-chloroethyl)amino]benzamido]-1,1',1'-trimethyl-N,4':N',4'-ter[pyrrole-2-carboxamide].
PNU-152241; FCE-24517. Distamycin-A derivative.
Antineoplastic; antitumor.

5334 Tamoxifen

10540-29-1

9216

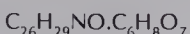


(Z)-2-[p-(1,2-Diphenyl-1-butenyl)phenoxy]-N,N-dimethylamine.
ICI-46474; NSC-180973. Antineoplastic agent. mp = 96-98°. *ICI.*

5335 Tamoxifen Citrate

54965-24-1

9216



(Z)-2-[p-(1,2-Diphenyl-1-butenyl)phenoxy]-N,N-

dimethylamine citrate.

ICI-46474 citrate; Nolvadex; Tamoxifen; Tamoxifen citrate; TMX; NSC-180973. Antineoplastic agent. mp = 140-142°; slightly soluble in H_2O ; more soluble in EtOH, MeOH, Me_2CO ; LD₅₀ (mus ip) = 200 mg/kg, (mus iv) = 62.5 mg/kg, (mus orl) = 3000-6000 mg/kg, (rat ip) = 600 mg/kg, (rat iv) = 62.5 mg/kg, (rat orl) = 1200-2500 mg/kg. *ICI.*

5336 Tauromustine

85977-49-7



1-(2-Chloroethyl)-3-[2-(dimethylsulfamoyl)ethyl]-1-nitrosoarea.

TCNU. Chemotherapeutic; antitumor. A nitrosoarea.

5337 Tecogalan Sodium

134633-29-7

DS-4152. Antineoplastic agent (adjunct). Fermentation Product of *Arthrobacter* sp. AT-25. *Daiichi Pharmaceutical Corp.*

5338 Tegafur

17902-23-7

9267

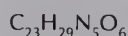


5-Fluoro-1-(tetrahydro-2-furanyl)-2,4(1H,3H)-pyrimidinedione.

Sunfural; FT-207; MJF-12264; Citofur; Coparogin; Exonal; Fental; NSC-148958; Franrose; Ftorafur; Fulaid; Fulfeel; Furafluor; Furofutan; Futraful; Lamar; Lifril; Neberk; Nitobanil; Rioli; Sinoflurol; Tefsiel C. Antineoplastic agent.
mp = 164-165°; λ_m = 270 nm (ϵ 8460 pH 2, 8050 pH 7, 6700 pH 12); soluble in H_2O , EtOH, DMF; insoluble in Et_2O ; LD₅₀ (mus orl 3 day) = 900 mg/kg, (mus orl) = 750 mg/kg, (mus ip) = 1150 mg/kg. *Asahi Chem. Industry.*

5339 Teloxantrone

91441-48-4



7,10-Dihydroxy-2-[2-[(2-hydroxyethyl)amino]ethyl]-5-[[2-(methylamino)ethyl]amino]-anthra[1,9-cd]pyrazol-6(2H)-one acetate (salt) hydrobromide (10:5:21).
Moxanzazole; DUP-937; NSC-355644. Antineoplastic agent. *DuPont Merck Pharmaceutical Co.*

5340 Teloxantrone Hydrochloride

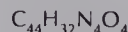
132937-88-3



7,10-Dihydroxy-2-[2-[(2-hydroxyethyl)amino]ethyl]-5-[[2-(methylamino)ethyl]amino]-anthra[1,9-cd]pyrazol-6(2H)-one acetate (salt) hydrobromide (10:5:21) hydroxide.
NSC-355644. Antineoplastic agent. *DuPont Merck Pharmaceutical Co.*

5341 Temoporfin

122341-38-2



3,3',3,3'''-(7,8-Dihydroporphyrin-5,10,15,20-tetrayl)tetraphenol.
EF9. Antineoplastic agent. *Scotia Pharmaceuticals, Ltd.*

5342 Temozolomide

85622-93-1

9289



3,4-Dihydro-3-methyl-4-oxoimidazo[5,1-d]-as-tetrazine-8-carboxamide.

M&B-39831; Methazolastone; NSC-362856.
Antineoplastic agent. mp = 212° (dec); λ_m = 327 nm (EtOH). *May & Baker Ltd.*

5343 Teniposide

29767-20-2 9291
 $C_{32}H_{32}O_{13}S$
[5R-[5 α ,5a β ,8 α ,9 β (R*)]]-5,8,8a,9-Tetrahydro-5-(4-hydroxy-3,5-dimethoxyphenyl)-9-[[4,6-O-(2-thienylmethylene)- β -D-glucopyranosyl]oxy]-furo[3',4':6,7]-naphtho[2,3-d]-1,3-dioxol-6(5aH)-one.
ETP; VM-26; Vehem-Sandoz; Vumon; NSC-362856.
Antineoplastic agent. Semi-synthetic derivative of podophyllotoxin. mp = 242-246°; $[\alpha]_D^{20}$ = -107° (CHCl₃/MeOH, 9:1); λ_m = 283 nm ($E_{1\%}^{1\text{cm}}$ 64.1, MeOH). *Sandoz Pharmaceuticals Corp.*

5344 Teroxirone

59653-73-5
 $C_{12}H_{15}N_3O_6$
(RS,RS,SR)-1,3,5-Tris(2,3-epoxypropyl)-s-triazine-2,4,6(1H,3H,5H)-trione.
 α -triglycidyl isocyanurate; α TGI; NSC-296934.
Antineoplastic agent.

5345 Teslac

968-93-4 9321 213-534-6
 $C_{19}H_{24}O_3$
13-Hydroxy-3-oxo-13,17-secoandrosta-1,4-dien-17-oic acid δ -lactone.
testolactone; SQ-9538; Fludestrin; NSC-12173; NSC-23759. Antineoplastic agent. mp = 218-219°; $[\alpha]_D^{23}$ = -46° (c = 1.24 CHCl₃); λ_m = 242 nm (ϵ 15800, EtOH). *Bristol-Myers Oncology.*

5346 Theriodide I-131

7790-26-3 8778
 $^{131}\text{I}\text{Na}$
Sodium iodide- ^{131}I .
Antineoplastic, radioactive agent. Radioactive iodine (^{131}I) is a β - and σ -emitter with a half-life of 8 days. *Abbott Labs.*

5347 Thiamiprine

5581-52-2 9434
 $C_9H_8N_8O_2S$
2-Amino-6-[(1-methyl-4-nitro-1H-imidazol-5-yl)-thio]purine.
BW-57-323; Guaneran; NSC-38887. Antineoplastic agent. mp > 200° (dec); λ_m = 320 nm (pH 1), 315 nm (pH 11). *Glaxo Wellcome Inc.*

5348 Thioguanine Hemihydrate

5580-03-0
 $C_5H_5N_5S \cdot 0.5H_2O$
2-Amino-1,7-dihydro-6H-purine-6-thione.
Lanvis; BW-5071; Tabloid; Thioguanine; Tioguanin; Thioguanine; TG; Wellcome U3B; X 27; NSC-752. mp > 360°.

5349 Thiotepa

52-24-4 9805 200-135-7
 $C_6H_{12}N_3PS$
1,1',1''-Phosphinothioylidynetris-aziridine.

CBC-806495; Girostan; NCI-C01649; Oncotepa; Oncothio-tepa; SK-6882; STEPA; Tespa; NSC-6396; Tespamin; Tespamine; Thio-tepa; Thio-tepa S; Thio-Tep; Thio-Tepa; Thiofozil; Thiotef; Thiotepa; Thioplex; Tifosyl; Tio-tef; Tiofosamid; Tiofosyl; Tiofozil; TESP; TIO TEF; TSPA. Antineoplastic agent. mp = 51°; soluble in H₂O (190 g/l), organic solvents; LD₅₀ (rat iv) = 15 mg/kg. *Immunex Corp.*

5350 Thymalfasin

62304-98-7
 $C_{129}H_{215}N_{33}O_{55}$
N-Acetyl-L-seryl-L- α -aspartyl-L-alanyl-L-alanyl-L-valyl-L- α -aspartyl-L-threonyl-L-seryl-L-seryl-L- α -glutamyl-L-isoleucyl-L-threonyl-L-threonyl-L-lysyl-L- α -aspartyl-L-leucyl-L-lysyl-L- α -glutamyl-L-lysyl-L-lysyl-L- α -glutamyl-L-valyl-L-valyl-L- α -glutamyl-L- α -glutamyl-L-alanyl-L- α -glutamyl-L-asparagine.
thymosin- α 1; Zadaxin. Antineoplastic agent. Also used in hepatitis treatment, vaccine enhancement and treatment of infectious diseases. *SciClone Pharmaceuticals, Inc.*

5351 Tiazofurin

60084-10-8
 $C_9H_{12}N_2O_5S$
2- β -D-Ribofuranosyl-4-thiazolecarboxamide.
CI-909; NSC-286193. Antineoplastic agent. *Parke-Davis.*

5352 Tirapazamine

27314-97-2
 $C_7H_6N_4O_2$
3-Amino-1,2,4-benzotriazine 1,4-dioxide.
WIN-59075; SR-4233; Triazone; SR-259075.
Antineoplastic agent. A hypoxic cytotoxin, used in combination with cisplatin.

5353 Topotecan

123948-87-8 9687
 $C_{23}H_{23}N_3O_5$
(S)-10-[[Dimethylamino)methyl]-4-ethyl-4,9-dihydroxy-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione.
Antineoplastic agent. DNA topoisomerase I inhibitor. soluble in H₂O (< 1 mg/ml). *SmithKline Beecham Pharmaceuticals.*

5354 Topotecan Hydrochloride

119413-54-6 9687
 $C_{23}H_{24}ClN_3O_5$
(S)-10-[[Dimethylamino)methyl]-4-ethyl-4,9-dihydroxy-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione monohydrochloride.
SK&FS-104864-A. Antineoplastic agent. DNA topoisomerase I inhibitor. *SmithKline Beecham Pharmaceuticals.*

5355 Tracervial-131

7790-26-3 8778
 $^{131}\text{I}\text{Na}$
Sodium iodide- ^{131}I .
Antineoplastic, radioactive agent. Radioactive iodine (^{131}I) is a β - and σ -emitter with a half-life of 8 days. *Abbott Labs.*

5356 Trenimon

68-76-8 9733 200-692-6
2,3,5-Tris(1-aziridinyl)-2,5-cyclohexadiene-1,4-dione.
A 163; Bayer 3231; Oncoredox; Oncovedex; Prenimon;
Riker 601; Treninon; NSC-29215; Triaziquone;
Triaziquon; Triaziquone; Triethyleniminobenzoquinone;
tris(aziridinyl)-p-benzoquinone; TEIB; 10257 R.P.
Antineoplastic agent. mp = 162-163°; poorly soluble in
H₂O, soluble in organic solvents. *Bayer Corp.,
Pharmaceutical Div.*

5357 Triaziquone

68-76-8 9733 200-692-6
2,3,5-Tris(1-aziridinyl)-2,5-cyclohexadiene-1,4-dione.
A 163; Bayer 3231; Oncoredox; Oncovedex; Prenimon;
Riker 601; Trenimon; Treninon; NSC-29215;
Triethyleniminobenzoquinone; tris(aziridinyl)-p-
benzoquinone; TEIB; 10257 R.P. Antineoplastic agent.
mp = 162-163°; poorly soluble in H₂O, soluble in organic
solvents. *Bayer Corp., Pharmaceutical Div.*

5358 Trichlormethine

555-77-1 9777
C₆H₁₂Cl₃N
2,2',2'-Trichlorotriethylamine.
trimustine; Hn3; Lekamin; R 47; Sinalost; SK-100;
Trichlormethine; Trillekamin; Trimitan; Trimustine; NSC-
260424; Tris-N-lost; TS-160. Antineoplastic agent. mp = -
4°; bp₁₅ = 144°; d₄²⁵ = 1.2347; slightly soluble in H₂O,
soluble in organic solvents.

5359 Triciribine Phosphate

61966-08-3
C₃H₄Cl₃NO₂
2,2,2-Trichloroethanol carbamate.
Compralgyl; trichloroethyl urethan; 2,2,2-trichloroethyl
carbamate; carbamic acid trichloroethyl ester; Voluntal.
Antineoplastic agent. *Bayer Corp., Pharmaceutical Div.*

5360 Triethylenemelamine

51-18-3 9803
C₉H₁₂N₆
2,4,6-Tris(1-aziridinyl)-1,3,5-triazine.
DRP-859025; ENT-25296; M-9500; Persistol; Persistol
HOE-1/193; R-246; SK-1133; NSC-9706; Tem-Simes;
Tretamin; Tretamine; Triamelin; Triaziridinyl triazine;
Triethanomelamine; Triethylenemelamine;
Tris(ethyleneimino)triazine; Trisaziridinyltriazine; TAT;
TEM; TET. Antineoplastic agent. mp = 39° (dec); soluble
in H₂O (40%), less soluble in organic solvents; LD₅₀ (mus
ip) = 2.8 mg/kg, (mus orl) = 15 mg/kg, (rat ip) - 1.0 mg/kg,
(rat orl) = 13 mg/kg.

5361 Trimetrexate

52128-35-5 9851
C₁₉H₂₃N₅O₃
5-Methyl-6-[[[(3,4,5-trimethoxyphenyl)amino]methyl]-2,4-
quinazolinediamine.
TMQ; CI-898; NSC-249008. Antineoplastic agent. *Parke-
Davis.*

5362 Trimetrexate Glucuronate

82952-64-5 9851
C₂₅H₃₃N₅O₁₀
5-Methyl-6-[[[(3,4,5-trimethoxyphenyl)amino]methyl]-2,4-
quinazolinediamine mono-D-glucuronate.

NSC-249008. Antineoplastic agent. Soluble in H₂O (> 50
mg/ml). *Parke-Davis.*

5363 Trofosfamide

22089-22-1 9897
C₉H₁₈Cl₃N₂O₂P
N,N,3-Tris(2-chloroethyl)tetrahydro-2H-1,3,2-
oxazaphosphorin-2-amine 2-oxide.
Z-4828; Ixoten; trilophosphamide; NSC-109723.
Antineoplastic agent. mp = 50-51°; [α]_D²⁵ = -28.6° (MeOH,
c = 2.0); LD₅₀ (mus ip) = 212 mg/kg. *Asta-Werke AG.*

5364 Tubulozole

84697-22-3
C₂₃H₂₃Cl₂N₃O₄S
Ethyl (±)-cis-p-[[[2-(2,4-dichlorophenyl)-2-(imidazol-1-yl)-
methyl]-1,3-dioxolan-4-yl]methyl]thio]carbanilate.
R-46846; NSC-376450. Antineoplastic agent.
Microtubule inhibitor. *Janssen Pharmaceutical, Belgium.*

5365 Tubulozole Hydrochloride

83529-08-2
C₂₃H₂₄Cl₂N₃O₄S
Ethyl (±)-cis-p-[[[2-(2,4-dichlorophenyl)-2-(imidazol-1-
ylmethyl)-1,3-dioxolan-4-yl]methyl]thio]carbanilate
monohydrochloride.
NSC-376450.

5366 Turosteride

137099-09-3
C₂₇H₄₅N₃O₃
1-(4-Methyl-3-oxo-4-aza-5 alpha-androstane-17
beta-carbonyl)-1,3-diisopropylurea.
FCE-26073. A potent and selective inhibitor of 5 alpha-
reductase, the enzyme responsible for the conversion of
testosterone to 5 alpha-dihydrotestosterone. Anti-
neoplastic; antitumor.

5367 Ubenimex

58970-76-6 9973
C₁₆H₂₄N₂O₄
(-)-N-[(2S,3R)-3-Amino-2-hydroxy-4-phenylbutyryl]-L-
leucine.
Bestatin; NK-421; NSC-265489. Antineoplastic agent. mp
= 233-236°; [α]_D²⁰ = -15.5° (1N HCl c = 1.0); λ_m = 241.5,
248, 253, 258. 264.5, 268 nm (E₁^{1%}_{cm} 3.8, 4.0, 5.0, 6.0,
4.6, 2.7); soluble in polar organic solvents; LD₅₀ (14 day)
(mus sc) = 1.3-1.9 g/kg, (mus ip) = 0.19 g/kg, (mus orl) >
4.0 g/kg, (rat ip) = 1.9-2.1 g/kg, (rat sc) = 0.78-0.90 g/kg,
(rat orl) > 2.0 g/kg.

5368 Uracil Mustard

66-75-1 9986 200-631-3
C₈H₁₁Cl₂N₃O₂
5-[Bis(2-chloroethyl)amino]uracil.
U-8344; Aminouracil mustard; Chlorethaminacil; CB-
4835; Demethyldopan; Desmethyldopan; NSC-34462;
ENT 50439; Nordopan; NCI-C04820; NSC-34462; SK-
19849; U 8344; U-8344; Uracil nitrogen mustard;
Uracillost; Uracilmustaza; Uramustin; Uramustine.
Antineoplastic agent. mp = 206° (dec); slightly soluble in
H₂O; λ_m = 257 nm (ε 5675, 0.01N H₂SO₄ in 95% EtOH);
LD₅₀ (rat ip) = 1.25-2.5 mg/kg.

5369 Uredepa

302-49-8

10011

 $C_7H_{14}N_3O_3P$

Ethyl [bis(1-aziridinyl)phosphinyl]carbamate.

Avinar; AB 100; AB-100; bis(ethylenimido)-phosphorylurethan; NSC-37095. Antineoplastic agent. mp = 88-90°; soluble in H_2O . *Armour Pharmaceuticals*.**5370 Urethane**

51-79-6

10013

 $C_3H_7NO_2$

Ethyl carbamate.

ethyl urethan; NSC-746. Antineoplastic agent. mp = 48-50°; bp = 182-184°; soluble in H_2O (2 g/ml), soluble in organic solvents; MLD (mus ip) = 2.1-2.2 g/kg.**5371 Valspodar**

121584-18-7

 $C_{63}H_{111}N_{11}O_{12}$

Cyclo[[[(2S,4R,6E)-4-methyl-2-(methyldamino)-3-oxo-6-octenoyl]-L-valyl-N-methylglycyl-N-methyl-L-leucyl-L-valyl-N-methyl-L-leucyl-L-alanyl-D-alanyl-N-methyl-L-leucyl-N-methyl-L-valyl].

PSC-833; Amdray. Third-generation cyclosporine analog, an inhibitor of P-glycoprotein, the drug efflux pump. Multidrug resistance modulator coadministered with chemotherapeutic drugs in cancer treatment. Chemosensitizer. *Sandoz Pharmaceuticals Corp.***5372 Vapreotide**

103222-11-3

 $C_{57}H_{70}N_{12}O_9S_2$

D-Phenylalanyl-L-cysteinyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-valyl-L-cysteinyl-L-tryptophanamide cyclic (2-7) disulfide.

RC-160; BMY-41606. Antineoplastic agent. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.***5373 Velban**

143-67-9

10119

205-606-0

 $C_{46}H_{60}N_4O_{13}S$

Vincalokoblastine sulfate.

vinblastine sulfate; 29060-LE; Velsar; Belvan, VLB; Exal; Vincalokoblastine sulfate (1:1) (salt); VLB monosulfate; Velbe; NSC-49842. Antineoplastic agent. mp = 284-285°; $[\alpha]_D^{26} = -28^\circ$ (c = 1.01 in MeOH). *Eli Lilly & Co.***5374 Velbe**

143-67-9

10119

 $C_{21}H_{28}ClN_3O_7S$

Vincalokoblastine sulfate.

Velsar; Belvan, VLB; Exal; Vincalokoblastine sulfate (1:1) (salt); VLB monosulfate; NSC-49842. Antineoplastic agent. mp = 284-285°; $[\alpha]_D^{26} = -28^\circ$ (c = 1.01 in MeOH). *Eli Lilly & Co.***5375 Vepesid**

33419-42-0

3931

 $C_{29}H_{32}O_{13}$ [5R-[5 α ,5 β ,8 α ,9 β (R*)]]-9-[(4,6-O-Ethylidene- β -D-glucopyranosyl)oxy]-5,8,8a,9-tetrahydro-5-(4-hydroxy-3,5-dimethoxyphenyl)-furo[3',4':6,7]naphtho[2,3-d]-1,3-dioxol-6(5aH)-one.

Toposar; VP-16-213; NSC-141540; Demethyl-epipodophyllotoxin, ethylidene glucoside; Epipodophyllotoxin VP-16213; Etoposide; EPE; etoposide;

Vepesid; Vepesid J; VP 16-213; VP-16. mp = 236-251°; $[\alpha]_D^{20} = +110.5^\circ$ (c = 0.6 in $CHCl_3$). *Bristol-Myers Oncology*.**5376 Vercyte**

54-91-1

7634

 $C_{10}H_{16}Br_2N_2O_2$

1,4-Bis(3-bromopropionyl)-piperazine.

Amedel; pipobroman; NSC-25154; A-1803; A-8103. Antineoplastic agent. mp = 106-107°. *Abbott Labs*.**5377 Verteporfin**

129497-78-5

 $C_{14}H_{22}N_2O.HCl.H_2O$

2-(Diethylamino)-N-(2,6-dimethylphenyl)acetamide hydrochloride monohydrate.

Lignocaine hydrochloride; Versicane; Lidesthesin; Lignavet; Odontalg; Sedagul; Xylocard; Xyloneural. Local anesthetic. May & Baker Ltd.; Rhône-Poulenc Rorer Pharmaceuticals Inc.

5378 Vinblastine

865-21-4

10119

 $C_{46}H_{58}N_4O_9$

Vincalokoblastine.

vinblastine; NSC-49842. Antineoplastic agent. mp = 211-216°; $[\alpha]_D^{26} = 42^\circ$ ($CHCl_3$); insoluble in H_2O , soluble in organic solvents. *Eli Lilly & Co.***5379 Vinblastine Sulfate**

143-67-9

10119

205-606-0

 $C_{46}H_{60}N_4O_{13}S$

Vincalokoblastine sulfate.

vinblastine sulfate; 29060-LE; Velsar; Belvan, VLB; Exal; Vincalokoblastine sulfate (1:1) (salt); VLB monosulfate; Velbe; NSC-49842. Antineoplastic agent. mp = 284-285°; $[\alpha]_D^{26} = -28^\circ$ (c = 1.01 in MeOH). *Eli Lilly & Co.***5380 Vincamine**

1617-90-9

10120

216-576-3

 $C_{21}H_{26}N_2O_3$ (3 α ,14 β ,16 α)-14,15-Dihydro-14-hydroxyburnamenine-14-carboxylic acid methyl ester.Angiopac; Arteriovinca; Devincan; Equipur; Novicet; Ocu-vinc; Oxygeron; Perval; Pervincamine; Pervone; Sostetil; Tripervan; NSC-91998; Vincadar; Vincafarm; Vincafolina; Vincafor; Vincagil; Vincalen; Vincamidol; Vincapront; Vinvasaunier; Vincimax; Vinodrel Retard; Vraap. Antineoplastic agent. Alkaloid isolated from *vinca minor*. mp = 232-233°; $[\alpha]_D^{23} = 41^\circ$ (C_5H_5N); $\lambda_m = 225, 278$ nm (log ϵ 4.14, 3.61); LD₅₀ (mus orl) = 1000 mg/kg.**5381 Vincristine Sulfate**

2068-78-2

10124

218-190-0

 $C_{46}H_{56}N_4O_{10}.H_2SO_4$

22-Oxo-vincalokoblastinesulfate (1:1) (salt) (9Cl).

Kyocristine; Leurocristine sulfate; Lilly 37231; LCR; Oncovin; Onkovin; Vincristine sulfate; Vincristine, sulfate; Vincrisul; VCR sulfate; 37231; NSC-67574. Antineoplastic agent. *Eli Lilly & Co.***5382 Vindesine**

53643-48-4

10125

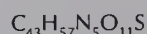
 $C_{43}H_{55}N_5O_7$

3-Carbamoyl-4-deacetyl-3-de(methoxycarbonyl)vincalokoblastine.

Compound 112531; NSC-245467. Antineoplastic agent.
mp= 230-232°; $[\alpha]_D^{25} = 39.4^\circ$ (MeOH c = 1); $\lambda_m = 214$,
266, 288, 296 nm (ϵ 53400, 17450, 13950, 12500
MeOH). *Eli Lilly & Co.*

5383 Vindesine Sulfate

59917-39-4 10125



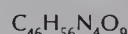
3-Carbamoyl-4-deacetyl-3-

de(methoxycarbonyl)vincal leukoblastine sulfate.

Eldisine; LY-099094; NSC-245467. Antineoplastic agent.

mp > 250°; LD₅₀ (mus iv) = 6.3 mg/kg, 8.8 mg/kg, (rat iv)
= 2.0 mg/kg. *Eli Lilly & Co.***5384 Vinepidine**

68170-69-4



(4'S)-4'-Deoxyeurocristine.

LY-119863. Antineoplastic agent. *Eli Lilly & Co.***5385 Vinepidine Sulfate**

83200-11-7



(4'S)-4'-Deoxyeurocristine sulfate.

Antineoplastic agent. *Eli Lilly & Co.***5386 Vinflunine**

162652-95-1

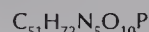


20',20'-Difluoro-3',4'-dihydrovinorelbine.

A fluorinated Vinca alkaloid. Antineoplastic.

5387 Vinfosiltine

123286-00-0

[23(S)]-4-Deacetyl-3-de(methoxycarbonyl)-3-[(2-methyl-
1-phosphonopropyl)carbamoyl]vincal leukoblastine diethyl
ether.

S-12363. Vinca alkaloid derivative. Antineoplastic.

5388 Vinglycinat

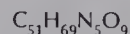
865-24-7

4-Deacetylvincal leukoblastine 4-(N,N-dimethylglycinate)
(ester).Antineoplastic agent. *Eli Lilly & Co.***5389 Vinglycinat Sulfate**

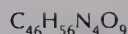
7281-31-4

4-Deacetylvincal leukoblastine 4-(N,N-dimethylglycinate)
(ester) sulfate (2:3) salt.Antineoplastic agent. *Eli Lilly & Co.***5390 Vinleucinol**

81571-28-0

[23(1S,2S)]-4-Deacetyl-3-[(1-carboxy-2-methylbutyl)-
carbamoyl]-3-de(methoxycarbonyl)vincal leukoblastine
ethyl ether.VileE; vinblastine-isoleucinate. Vinca alkaloid derivative.
Antineoplastic.**5391 Vinleurosine**

23360-92-1



Leurosine.

Leurosine; Lilly 32645; NSC-528004. Antineoplastic
agent. Alkaloid isolated from Madagascar periwinkle. *Eli
Lilly & Co.***5392 Vinleurosine Sulfate**

1404-95-1



Leurosine sulfate.

Leurosine sulfate; Lilly 32645; NSC-528004.
Antineoplastic agent. Sulfate salt of alkaloid isolated from
Madagascar periwinkle. *Eli Lilly & Co.***5393 Vinorelbine**

71486-22-1

10127



3',4'-Didehydro-4'-deoxy-8'-norvincal leukoblastine.

Antineoplastic agent. $[\alpha]_D^{20} = 52.4^\circ$ (CHCl₃ c = 0.3); $\lambda_m =$
215, 268, 282, 293, 310 nm (ϵ 3700, 11000, 9500, 7600,
4400 EtOH). *Glaxo Wellcome Inc.***5394 Vinorelbine Tartrate**

125317-39-7

10127

3',4'-Didehydro-4'-deoxy-8'-norvincal leukoblastine L-(+)-
tartrate.Navelbine. Antineoplastic agent. Soluble in H₂O, EtOH.
*Glaxo Wellcome Inc.***5395 Vinrosidine**

15228-71-4



4'-Deoxy-3'-hydroxy vincal leukoblastine.

Antineoplastic agent. Alkaloid isolated from Vinca rosea
Linne. *Eli Lilly & Co.***5396 Vinrosidine Sulfate**

18556-44-0



4'-Deoxy-3'-hydroxy vincal leukoblastine sulfate.

36781. Antineoplastic agent. Sulfate salt of alkaloid
isolated from Vinca rosea Linne. *Eli Lilly & Co.***5397 Vintriptol**

81600-06-8

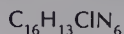
[23(S)]-4-Deacetyl-3-[(1-carboxy-2-indol-3-
ylethyl)carbamoyl]-3-de(methoxycarbonyl)vinca-
leukoblastine diethyl ether.Vinblastine tryptophan ester. Vinca alkaloid derivative; a
tryptophan ester of vinblastine. Antineoplastic.**5398 Vinzolidine Sulfate**

67699-41-6

Methyl (3R,5S,7R,9S)-9-[3'-(2-chloroethyl)-6,7-didehydro-
4β-hydroxy-16-methoxy-1-methyl-2',4'-dioxo-
2β,3β,5α,12β,19α-spiro[aspidospermidine-3,5'-
oxazolidin]-15-yl]-5-ethyl-1,4,5,6,7,8,9,10-octahydro-5-
hydroxy-2H-3,7-methanoazacycloundecino[5,4-b]indole-
9-carboxylate -4'-acetate (ester) sulfate (1:1) (salt).
LY-104208. Antineoplastic agent. *Eli Lilly & Co.*

5399 Vorozole

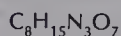
129731-10-8

(+)-(S)-6-(p-Chloro- α -1H-1,2,4-triazol-1-ylbenzyl)-1-methyl-1H-benzotriazole.R-83842. Antineoplastic agent. *Janssen Pharmaceutical Inc.***5400 Zanosar**

18883-66-4

8991

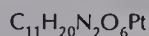
242-646-8



2-deoxy-2-[[[(Methylnitrosoamino)carbonyl]amino]-D-glucose.

NSC-37917; NSC-85998; Streptozotocin; Streptozotocin, Pure; STZ; U-9889; Zanosar. Antineoplastic agent. mp = 115° (dec); soluble in H_2O , lower alcohols, ketones; λ_m = 228 nm (ϵ 6360); LD₅₀ (mus ip) = 360 mg/kg. *Pharmacia & Upjohn, Inc.***5401 Zeniplatin**

111490-36-9



cis-[2,2-Bis(aminomethyl)-1,3-propanediol](1,1-cyclobutanedicarboxylato)platinum.

CL-286558. Antineoplastic agent.

5402 Zinostatin

9014-02-2

Neocarzinostatin.

Antineoplastic agent. Polypeptide derived from *Streptomyces carzinostaticus* var. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.***5403 Zinostatin Stimalamer**

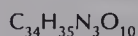
123760-07-6

Neocarzinostatin stimalamer.

Antineoplastic agent. Derivative of polypeptide derived from *Streptomyces carzinostaticus* var. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.***5404 Zorubicin**

54083-22-6

10326



Benzoic acid hydrazide 3-hydrazone with daunorubicin.

Antineoplastic agent. *Rhône-Poulenc.***5405 Zorubicin Hydrochloride**

36508-71-1

10326



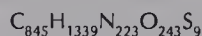
Benzoic acid hydrazide 3-hydrazone with daunorubicin monohydrochloride.

RP-22050 hydrochloride; NSC-164011. Antineoplastic agent. $[\alpha]_D^{20}$ = -50°; λ_m = 232.5, 253, 480, 495 nm (ϵ 40225, 35300, 10480, 10300 MeOH); LD₅₀ (mus sc) = 13.66 mg/kg, (mus ip) = 4.42 mg/kg, (mus iv) = 8.50 mg/kg. *Rhône-Poulenc.*

arginine-32-L-asparagine-37-L-proline-42-L-serine-45-L-methionine-51-L-arginine-55-L-threonine-59-L-leucine-62-L-valine-67-L-histidine-69-L-glutamic acid-73-glycine-76-L-alanine-79-L-arginine-82-L-glutamine.

Hematopoietic stimulant, antineutropenic. *Searle, G.D., & Co.***5407 Filgrastim**

121181-53-1



N-L-Methionyl-colony-stimulating factor (human clone 1034).

Neupogen; r-methuG-CSF. Hematopoietic stimulant, antineutropenic. *Amgen, Inc.***5408 Granulocyte Colony Stimulating Factor**

4558

CSF- β ; G-CSF; GM-DF; MGI-2; pluripoiectin. Hematopoietic stimulant, antineutropenic.**5409 Granulocyte-Macrophage Colony Stimulating Factor**

4559

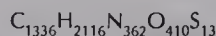
Colony-stimulating factor 2.

CSF-2; CSF α ; GM-CSF; NIF-T. Hematopoietic stimulant, antineutropenic.**5410 Lenograstim**

135968-09-1

rG-CSF. Hematopoietic stimulant, antineutropenic. Component 1 [135968-09-1] and component 2 [130120-54-6]. *Chugai Pharmaceutical Co., Ltd.***5411 Milodistim**

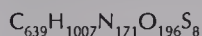
137463-76-4



Colony stimulating factor 2 (human clone pHG25 protein moiety reduced).

Pixykin; PIXY321. Hematopoietic stimulant, antineutropenic. *Immunex Corp.***5412 Molgramostim**

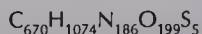
99283-10-0



Colony stimulating factor 2 (human clone pHG25 protein moiety reduced).

Sch-39300. Hematopoietic stimulant, antineutropenic. *Schering-Plough HealthCare Products.***5413 Muplestim**

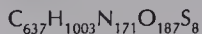
148641-02-5



Human interleukin 3.

SDZ ILE 964. Hematopoietic stimulant, antineutropenic. *Sandoz Pharmaceuticals Corp.***5414 Regramostim**

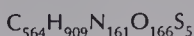
127757-91-9



Colony stimulating factor 2 (human clone pCSF-1 protein moiety reduced), glycoform GMC 89-107.

GMC-89-107; GM-CSF; rhGm-CSF. Hematopoietic stimulant, antineutropenic. *Sandoz Pharmaceuticals Corp.***Antineutropenics****5406 Daniplestim**

161753-30-6



14-L-Alanine-18-L-isoleucine-25-L-histidine-29-L-

5415 Sargramostim
123774-72-1
 $C_{639}H_{1002}N_{168}O_{196}S_8$
Colony stimulating factor 2 (human clone pHG₂₅ protein moiety), 23-L-leucine.
Leukine; B161.012; rhu GM-CSF. Hematopoietic stimulant, antineutropenic. *Immunex Corp.*

Antisteoporotics

5416 Alendronic Acid
66376-36-1 228
 $C_4H_{13}NO_7P_2$
(4-Amino-1-hydroxybutylidene)bisphosphonic acid.
ABDP. Calcium regulator. mp = 233-235° (dec). *Merck & Co., Inc.; Inst. Gentili S.p.A.*

5417 Alendronic Acid Trisodium Salt
121268-17-5 228
 $C_4H_{12}NNaO_7P_2 \cdot 3H_2O$
Sodium trihydrogen (4-amino-1-hydroxybutylidene)-diphosphonate trihydrate.
Fosamax; MK-217; G-704650; Adronat; Alendros; Onclast. Calcium regulator. *Merck & Co., Inc.; Inst. Gentili S.p.A.*

5418 Clodronic Acid
10596-23-3 2432 234-212-1
 $CH_4ClO_6P_2$
(Dichloromethylene)diphosphonic acid.
Cl₂MDP; DMDP. Calcium regulator. mp = 249-251°. *Procter & Gamble Pharmaceuticals, Inc.*

5419 Clodronic Acid Disodium Salt
22560-50-5 2432 245-078-9
 $CH_2ClNa_2O_6P_2$
Sodium (dichloromethylene)diphosphonate.
DCIMDP; Bonafos; Clasteon; Difoafonal; Loron; Mebonat; Ossiten; Ostac. Calcium regulator. *Procter & Gamble Pharmaceuticals, Inc.*

5420 Etidronic Acid
2809-21-4 3908 220-552-8
 $C_2H_8O_7P_2$
(1-Hydroxyethylidene)diphosphonic acid.
EHDP. Calcium regulator. Very soluble in H₂O, insoluble in AcOH. *Procter & Gamble Pharmaceuticals, Inc.*

5421 Etidronic Acid Disodium Salt
7414-83-7 3908 231-025-7
 $C_2H_6Na_2O_7P_2$
Disodium dihydrogen (1-hydroxyethylidene)diphosphonate.
Didronel; Calcimux; Diphos; Etidron. Calcium regulator. Bone resorption inhibitor. Soluble in H₂O. *Procter & Gamble Pharmaceuticals, Inc.*

5422 Idoxifene
116057-75-1
 $C_{28}H_{30}INO$
1-[2-[p-[(E)-β-Ethyl-α-(p-iodophenyl)styryl]phenoxy]ethyl]pyrrolidine.
CB-7432; SB-223030. Antineoplastic; hormone

(replacement therapy, estrogen receptor antagonist). Used to treat and prevent osteoporosis. *SmithKline Beecham Pharmaceuticals.*

5423 Olpadronic Acid
63132-39-8
 $C_5H_{15}NO_7P_2$
[3-(Dimethylamino)-1-hydroxypropylidene]diphosphonic acid.
An N-containing bisphosphonate that suppresses bone resorption by inhibiting isopentenyl pyrophosphate isomerase/farnesyl pyrophosphate synthase activity. Antisteoporotic.

5424 Pamidronic Acid
40391-99-9 7135 254-905-2
 $C_3H_{11}NO_7P_2$
(3-Amino-1-hydroxypropylidene)diphosphonic acid.
ADP; AHPBP. Bone resorption inhibitor. *Ciba-Geigy Corp.*

5425 Pamidronic Acid Disodium Salt
57248-88-1 7135 260-647-1
 $C_3H_9NNa_2O_7P_2 \cdot 5H_2O$
Disodium dihydrogen (3-amino-1-hydroxypropylidene)-diphosphonate pentahydrate.
Aredia; CGP-23339AE; Aminomux. Bone resorption inhibitor. *Ciba-Geigy Corp.*

5426 Raloxifene
84449-90-1 8281
 $C_{28}H_{27}NO_4S$
6-Hydroxy-2-(p-hydroxyphenyl)benzo[b]thien-3-yl-p-(2-piperidinoethoxy)phenyl ketone.
LY-139481; keoxifene. Anti-estrogen; used to treat osteoporosis. mp = 143-147°; λ_m = 290 nm (ε 34000 EtOH). *Eli Lilly & Co.*

5427 Raloxifene Hydrochloride
82640-04-8 8281
 $C_{28}H_{28}ClNO_4S$
6-Hydroxy-2-(p-hydroxyphenyl)benzo[b]thien-3-yl-p-(2-piperidinoethoxy)phenyl ketone hydrochloride.
LY-156758. Anti-estrogen; used to treat osteoporosis. mp = 258°; λ_m = 286 nm (ε 32800 EtOH). *Eli Lilly & Co.*

5428 Risedronic Acid
105462-24-6 8396
 $C_7H_{11}NO_7P_2$
[1-Hydroxy-2-(3-pyridyl)ethylidene]diphosphonic acid.
Calcium regulator. *Procter & Gamble Pharmaceuticals, Inc.*

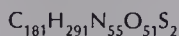
5429 Risedronic Acid Monosodium Salt
115436-72-1 8396
 $C_7H_{10}NNaO_7P_2$
Sodium trihydrogen [1-hydroxy-2-(3-pyridyl)ethylidene]-diphosphonate.
NE-58095. Calcium regulator. *Procter & Gamble Pharmaceuticals, Inc.*

5430 Sodium Fluoride
7681-49-4 8762 231-667-8
FNa
Hydrofluoric acid sodium salt.
Florinse; Minute-Gel; Neutra-Care; Pediaflor; Chemifluor;

Dentalfluoro; Duraphat; Fluoror; Luride-SF; Villiumite; Florocid; Flura-Drops; Karidium; Lemoflur; Ossalin; Ossin; Osteo-F; Osteoflur; Slow-Fluoride; Zymafluor. Dental caries prophylactic. $d = 2.78$; mp = 993°; bp = 1704°; soluble in H_2O (4.0 g/100 ml at 15°, 4.3 g/100 ml at 25°, 5.0 g/100 ml at 100°), insoluble in EtOH; LD₅₀ (rat orl) = 180 mg/kg. *Ross Products*.

5431 Teriparatide

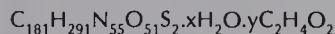
52232-67-4



L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl-L-methionyl-L-histidyl-L-asparaginy-L-leucylglycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L-seryl-L-methionyl-L- α -glutamyl-L-arginyl-L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L-arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutamyl-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L-phenylalanine. LY-333334; H-Ser-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe-OH. Bone resorption inhibitor. Osteoporosis therapy adjunct. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5432 Teriparatide Acetate

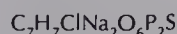
99294-94-7 9309



L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl-L-methionyl-L-histidyl-L-asparaginy-L-leucylglycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L-seryl-L-methionyl-L- α -glutamyl-L-arginyl-L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L-arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutamyl-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L-phenylalanine acetate (salt) hydrate. Parathar; hPTH 1-34 (acetate salt); H-Ser-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe-OH. $xH_2O \cdot yCH_3COOH$. Bone resorption inhibitor. Osteoporosis therapy adjunct. Used as a diagnostic aid. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5433 Tiludronate Disodium

149845-07-8



Disodium dihydrogen [(p-chlorophenyl)thio]methylene]diphosphonate. SR-41319B. Used for treatment of and intervention in osteoporosis and treatment of Paget's disease. *Sanofi, Inc.*

5434 Tiludronic Acid

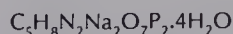
89987-06-4 9582



[(p-Chlorophenyl)thio]methylene]diphosphonic acid. SR-41319; ACPMD; Cl-TMBP; ME-3737; Skelid. Used for treatment of and intervention in osteoporosis and treatment of Paget's disease. [di-tert-butylamine salt]: mp = 253° (dec). *Sanofi, Inc.*

5435 Zoledronate Disodium

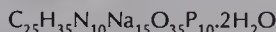
165800-07-7



Sodium dihydrogen (1-hydroxy-2-imidazol-1-ylethylidene)diphosphonate tetrahydrate. CGP-42446A. Osteoporosis therapy adjunct. *Ciba-Geigy Corp.*

5436 Zoledronate Trisodium

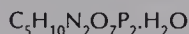
165800-08-8



Trisodium hydrogen (1-hydroxy-2-imidazol-1-ylethylidene)diphosphonate hydrate (5:2). CGP-42446B. Osteoporosis therapy adjunct. *Ciba-Geigy Corp.*

5437 Zoledronic Acid

165800-06-6

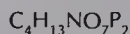


(1-Hydroxy-2-imidazol-1-ylethylidene)diphosphonic acid monohydrate. CGP-42446. Osteoporosis therapy adjunct. *Ciba-Geigy Corp.*

Antipagetics

5438 Alendronic Acid

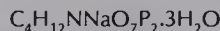
66376-36-1 228



(4-Amino-1-hydroxybutylidene)bisphosphonic acid. ABDP. Calcium regulator. mp = 233-235° (dec). *Merck & Co., Inc.; Inst. Gentili S.p.A.*

5439 Alendronic Acid Trisodium Salt

121268-17-5 228



Sodium trihydrogen (4-amino-1-hydroxybutylidene)diphosphonate trihydrate. Fosamax; MK-217; G-704650; Adronat; Alendros; Onclast. Calcium regulator. *Merck & Co., Inc.; Inst. Gentili S.p.A.*

5440 Elcatonin

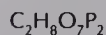
60731-46-6 3578 262-393-7



1-Butyric acid-7-(L-2-aminobutyric acid)-26-L-aspartic acid-27-L-valine-29-L-alaninocalcitonin (salmon). carbocalcitonin; HC-58; Calcinil; Carbicalcin; Elcitonin; Turbocalcin. Calcium regulator. Used to treat Paget's disease.

5441 Etidronic Acid

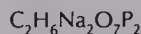
2809-21-4 3908 220-552-8



(1-Hydroxyethylidene)diphosphonic acid. EHDP. Calcium regulator. Very soluble in H_2O , insoluble in AcOH. *Procter & Gamble Pharmaceuticals, Inc.*

5442 Etidronic Acid Disodium Salt

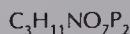
7414-83-7 3908 231-025-7



Disodium dihydrogen (1-hydroxyethylidene)diphosphonate. Didronel; Calcimux; Diphos; Etidron. Calcium regulator. Bone resorption inhibitor. Ssoluble in H_2O . *Procter & Gamble Pharmaceuticals, Inc.*

5443 Pamidronic Acid

40391-99-9 7135 254-905-2



(3-Amino-1-hydroxypropylidene)diphosphonic acid. ADP; AHPBP. Bone resorption inhibitor. *Ciba-Geigy*

Corp.

5444 Pamidronic Acid Disodium Salt

57248-88-1 7135 260-647-1
 $C_3H_9NNa_2O_7P_2 \cdot 5H_2O$
 Disodium dihydrogen (3-amino-1-hydroxypropylidene)-diphosphonate pentahydrate.
 Aredia; CGP-23339AE; Aminomux. Bone resorption inhibitor. *Ciba-Geigy Corp.*

5445 Teriparatide

52232-67-4
 $C_{181}H_{291}N_{55}O_{51}S_2$
 L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl-L-methionyl-L-histidyl-L-asparaginy-L-leucylglycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L-seryl-L-methionyl-L- α -glutaminy-L-arginyl-L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L-arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L-phenylalanine. LY-333334; H-Ser-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe-OH. Bone resorption inhibitor. Osteoporosis therapy adjunct. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5446 Teriparatide Acetate

99294-94-7 9309
 $C_{181}H_{291}N_{55}O_{51}S_2 \cdot xH_2O \cdot yC_2H_4O_2$
 L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl-L-methionyl-L-histidyl-L-asparaginy-L-leucylglycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L-seryl-L-methionyl-L- α -glutaminy-L-arginyl-L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L-arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L-phenylalanine acetate (salt) hydrate.
 Parathar; hPTH 1-34 [as acetate salt]; H-Ser-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe-OH. $xH_2O \cdot yCH_3COOH$; hPTH 1-34 acetateMN-10T; Parathar. Bone resorption inhibitor. Osteoporosis therapy adjunct. Used as a diagnostic aid. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5447 Tiludronate Disodium

149845-07-8
 $C_7H_7ClNa_2O_6P_2S$
 Disodium dihydrogen [[(p-chlorophenyl)thio]methylene]-diphosphonate.
 SR-41319B. Used for treatment of and intervention in osteoporosis and treatment of Paget's disease. *Sanofi, Inc.*

5448 Tiludronic Acid

89987-06-4 9582
 $C_7H_9ClO_6P_2S$
 [[(p-Chlorophenyl)thio]methylene]diphosphonic acid.
 SR-41319; ACPMD; Cl-TMBP; ME-3737; Skelid. Used for treatment of and intervention in osteoporosis and treatment of Paget's disease. [di-tert-butylamine salt]; mp = 253° (dec). *Sanofi, Inc.*

5449 Zoledronate Disodium

165800-07-7
 $C_5H_8N_2Na_2O_7P_2 \cdot 4H_2O$
 Disodium dihydrogen (1-hydroxy-2-imidazol-1-ylethylidene)diphosphonate tetrahydrate.
 CGP-42446A. Osteoporosis therapy adjunct. *Ciba-Geigy*

Corp.

5450 Zoledronate Trisodium

165800-08-8
 $C_{25}H_{35}N_{10}Na_3O_{35}P_{10} \cdot 2H_2O$
 Trisodium hydrogen (1-hydroxy-2-imidazol-1-ylethylidene)diphosphonate hydrate (5:2).
 CGP-42446B. Osteoporosis therapy adjunct. *Ciba-Geigy Corp.*

5451 Zoledronic Acid

165800-06-6
 $C_5H_{10}N_2O_7P_2 \cdot H_2O$
 (1-Hydroxy-2-imidazol-1-ylethylidene)diphosphonic acid monohydrate.
 CGP-42446. Osteoporosis therapy adjunct. *Ciba-Geigy Corp.*

Antiparkinsonians

5452 Amantadine

768-94-5 389 212-201-2
 $C_{10}H_{17}N$
 Tricyclo[3.3.1.1^{3,7}]decan-1-amine.
 Antiviral agent. Antiparkinsonian. mp = 160-190°, 180-192°; sparingly soluble in H_2O . *Apothecon; Solvay Pharmaceuticals; E. I. Du Pont de Nemours Inc.*

5453 Amantadine Hydrochloride

665-66-7 389 211-560-2
 $C_{10}H_{18}ClN$
 Tricyclo[3.3.1.1^{3,7}]decan-1-amine hydrochloride.
 Symmadine; Symmetrel. Antiviral agent. Antiparkinsonian. Dec 360°; soluble in H_2O (> 5 g/100 ml), insoluble in Et_2O ; LD_{50} (mus orl) = 700 mg/kg, (rat orl) = 1275 mg/kg. *Apothecon; Solvay Pharmaceuticals; E. I. Du Pont de Nemours Inc.*

5454 Benserazide

322-35-0 1079
 $C_{10}H_{15}N_3O_5$
 DL-Serine 2-[(2,3,4-trihydroxyphenyl)hydrazide]. component of: Madopa. Decarboxylase inhibitor. Antiparkinsonian. Used in combination with levodopa to treat Parkinson's disease. *Hoffmann-LaRoche Inc.*

5455 Benserazide Hydrochloride

14919-77-8 1079 238-991-9
 $C_{10}H_{16}ClN_3O_5$
 DL-Serine 2-[(2,3,4-trihydroxyphenyl)hydrazide] hydrochloride.
 Ro-4-4602. Decarboxylase inhibitor. Antiparkinsonian. mp = 146-148°; soluble in H_2O . *Hoffmann-LaRoche Inc.*

5456 Benztropine

86-13-5
 $C_{21}H_{25}NO$
 3 α -(Diphenylmethoxy)-1 α H,5 α H-tropane.
 Anticholinergic. Antiparkinsonian. *Apothecon; Merck & Co., Inc.*

5457 Benztropine Mesylate

132-17-2 1156 205-048-8
 $C_{22}H_{29}NO_4S$

3 α -(Diphenylmethoxy)-1 α H,5 α H-tropane
methanesulfonate.

Cogentin; Cogentinol; Cobrentin methanesulfonate. Anti-
cholinergic. Antiparkinsonian. mp = 143°; λ_m = 259 nm
(E_M = 437); soluble in H₂O. *Apothecon; Merck & Co.,
Inc.*

5458 Bietanautine

6888-11-5 1253

C₃₅H₄₁N₉O₉

1,2,3,6-Tetrahydro-1,3-dimethyl-2,6-dioxo-7H-purine-7-
acetic acid compound With 2-(diphenylmethoxy)-N,N-
dimethylethanamine (2:1).

Nautamine; etanautine. Antihistaminic, antiemetic and
antiparkinsonian. mp = 168-170°; soluble in EtOH,
sparingly soluble in H₂O. *Delagrangé.*

5459 Biperiden

514-65-8 1274 208-184-6

C₂₁H₂₉NO

α -5-Norbornen-2-yl- α -phenyl-1-piperidinepropanol.

KL-373; Biperiden; 3-piperidino-1-phenyl-1-
bicycloheptenyl-1-propanol; Akineton. Anticholinergic.
Antiparkinsonian. mp = 112-116°, 101°; slightly soluble
in H₂O, EtOH; readily soluble in MeOH. *Knoll
Pharmaceutical Co.*

5460 Biperiden Hydrochloride

1235-82-1 1274 214-976-2

C₂₁H₃₀ClNO

α -5-Norbornen-2-yl- α -phenyl-1-piperidinepropanol
hydrochloride.

Akineton hydrochloride; Akineton; Akinophyl.
Anticholinergic. Antiparkinsonian. mp = 275° (dec), 238°;
LD₅₀ (mus orl) = 545 mg/kg, (mus iv) = 56 mg/kg. *Knoll
Pharmaceutical Co.*

5461 Biperiden Lactate

7085-45-2 1274 230-388-9

C₂₄H₃₅NO₄

α -5-Norbornen-2-yl- α -phenyl-1-piperidinepropanol
lactate.

Akineton lactate. Anticholinergic. *Knoll Pharmaceutical
Co.*

5462 Bromocriptine

25614-03-3 1437 247-128-5

C₃₃H₄₀BrN₅O₅

2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-methyl-
propyl)-5' α -ergotaman-3',6',18-trione.

CB-154. Prolactin inhibitor. Antiparkinsonian. mp = 215-
218° (dec); [α]_D²⁰ = -195° (c = 1 CH₂Cl₂); LD₅₀ (rbt orl) >
1000 mg/kg, (rbt iv) = 12 mg/kg. *Sandoz Pharmaceuticals
Corp.*

5463 Bromocriptine Methanesulfonate

22260-51-1 1437 244-881-1

C₃₃H₄₄BrN₅O₈S

2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-methyl-
propyl)-5' α -ergotaman-3',6',18-trione methanesulfonate.

CB-154 mesylate; Parlodel; Bagren; Pravidel. Prolactin
inhibitor. Antiparkinsonian. mp = 192-196° (dec); [α]_D²⁰ =
95° (c = 1 MeOH/CH₂Cl₂); soluble in MeOH (91 g/100
ml); EtOH (2.3 g/100 ml), H₂O (0.08 g/100 ml), CHCl₃

(0.045 g/100ml)C₆H₆ (< 0.01 g/100 ml). *Sandoz
Pharmaceuticals Corp.*

5464 Budipine

57982-78-2 1491 261-062-4

C₂₁H₂₇N

1-tert-Butyl-4,4-diphenylpiperidine.

Antiparkinsonian. *Byk Gulden.*

5465 Budipine Hydrochloride

63661-61-0 1491 264-388-5

C₂₁H₂₈ClN

1-tert-Butyl-4,4-diphenylpiperidine hydrochloride.

Parkinsan. Antiparkinsonian. LD₅₀ (mmus orl) = 120
mg/kg, (mmus iv) = 33 mg/kg, (rat orl) = 165 mg/kg, (rat
iv) = 28 mg/kg. *Byk Gulden.*

5466 Carbidopa

28860-95-9 1843 249-271-9

C₁₀H₁₄N₂O₄·H₂O

(-)-L- α -Hydrazino-3,4-dihydroxy- α -methylhydrocinnamic
acid monohydrate.

Lodosyn; Lodosin; HMD; MK-486; component of:
Sinemet. Decarboxylase inhibitor. Antiparkinsonian. mp
= 203-205° (dec), 208°; [α]_D = -17.3 (MeOH); [DL-form]:
mp = 206-208° (dec); λ_m = 282.5 nm (ϵ 2940 MeOH).
DuPont Merck Pharmaceutical Co.; Lemmon Co.

5467 Carmantadine

38081-67-3 253-774-9

C₁₄H₂₁NO₂

1-(1-Amantadiny)-2-azetidinedicarboxylic acid.

Sch-15427. Antiparkinsonian. *Schering Corp.*

5468 Ciladopa

80109-27-9

C₂₁H₂₆N₂O₄

(-)-(S)-2-[4-(β -Hydroxy-3,4-dimethoxyphenethyl)-1-
piperazinyl]-2,4,6-cycloheptatrien-1-one.

Dopaminergic agent. Antiparkinsonian. *Wyeth-Ayerst
Labs.*

5469 Ciladopa Hydrochloride

83529-09-3

C₂₁H₂₇ClN₂O₄

(-)-(S)-2-[4-(β -Hydroxy-3,4-dimethoxyphenethyl)-1-
piperazinyl]-2,4,6-cycloheptatrien-1-one hydrochloride.

Tremese; AY-27110. Dopaminergic agent.
Antiparkinsonian. *Wyeth-Ayerst Labs.*

5470 Dextimide

21888-98-2 2987

C₂₃H₂₆N₂O₂

(+)-2-(1-Benzyl-4-piperidyl)-2-phenylglutarimide.

dextrobenzetimide; dexbenzetimide. Anticholinergic and
anti-Parkinsonian. mp = 181-183°; [α]_D²⁰ = 125° (CHCl₃).
Janssen Pharmaceutical, Belgium.

5471 Dextimide Hydrochloride

21888-96-0 2987 244-633-2

C₂₃H₂₇ClN₂O₂

(+)-2-(1-Benzyl-4-piperidyl)-2-phenylglutarimide
hydrochloride.

R-16470; Tremblex. Anticholinergic and anti-
Parkinsonian. mp = 270-275°; [α]_D²⁰ = 125° (MeOH); LD₅₀

(rat iv) = 45 mg/kg. *Janssen Pharmaceutical, Belgium.*

5472 Diethazine

60-91-3 3157 200-491-3
 $C_{18}H_{22}N_2S$
 10-(2-Diethylaminoethyl)phenothiazine.
 RP-2987; Deparkin; Dinezin; Dolisina; Eazaminum;
 Ethylemin; Parkazin. Anticholinergic and anti-
 Parkinsonian. $bp_{4.5} = 192-198^\circ$, $bp_{0.4-0.5} = 167-175^\circ$.
Rhône-Poulenc Rorer Pharmaceuticals Inc.

5473 Diethazine Hydrochloride

341-70-8 3157 206-437-5
 $C_{18}H_{23}ClN_2S$
 10-(2-Diethylaminoethyl)phenothiazine hydrochloride.
 RP-2987; Antipar; Aparkazin; Casantin; Diparcol;
 Latibon; Thiantan; Thiontan. Anticholinergic and anti-
 Parkinsonian. mp = 184-186°; soluble in H_2O (20 g/100
 ml), EtOH (16.7 g/100 ml), $CHCl_3$ (20 g/100 ml);
 insoluble in Et_2O ; LD_{50} (mus orl) = 450 mg/kg. *Rhône-
 Poulenc Rorer Pharmaceuticals Inc.*

5474 Diprobutine

61822-36-4
 $C_{10}H_{23}N$
 1,1-Dipropylamine.
 Antiparkinsonian.

5475 Dopamantine

39907-68-1 254-697-3
 $C_{19}H_{25}NO_3$
 N-(3,4-Dihydroxyphenyl)ethyl)-1-
 adamantanecarboxamide.
 5ch-15507. Antiparkinsonian. *Schering Corp.*

5476 Doreptide

90104-48-6
 $C_{17}H_{24}N_4O_3$
 (2S)-N-[(α R)- α -[(Carbamoylmethyl)carbamoyl]- α -
 ethylbenzyl]-2-pyrrolidinecarboxamide.
 Antiparkinsonian.

5477 Droxidopa

23651-95-8 3513
 $C_9H_{11}NO_5$
 (-)-Threo-3-(3,4-dihydroxyphenyl)-L-serine.
 L-threo-DOP5; L-DOP5; 5M-5688; Dops.
 Antiparkinsonian. mp = 232-235°, 229-232°; $[\alpha]_D^{20} = -39^\circ$
 (c = 1 in 1N HCl), -42.0° (c = 1 in 1N HCl). *Parke-Davis.*

5478 Endomide

4582-18-7
 $C_{17}H_{28}N_2O_2$
 (1R,2S,3S,4S)-N,N,N',N'-Tetraethyl-5-norbornene-2,3-
 dicarboxamide.
 Antiparkinsonian.

5479 Entacapone

130929-57-6
 $C_{14}H_{15}N_3O_5$
 (E)- α -Cyano-N,N-diethyl-3,4-dihydroxy-5-
 nitrocinnamamide.
 Antiparkinsonian.

5480 Ethopropazine

522-00-9 3793 208-320-4
 $C_{19}H_{24}N_2S$
 10-[2-(Diethylamino)propyl]phenothiazine.
 RP-3356; W-483; Isothazine; Isothiazine; Parkin.
 Anticholinergic and anti-Parkinsonian. mp = 53-55°; LD_{50}
 (mus orl) = 650 mg/kg. *Parke-Davis.*

5481 Ethopropazine Hydrochloride

1094-08-2 3793 214-134-4
 $C_{19}H_{25}ClN_2S$
 10-[2-(Diethylamino)propyl]phenothiazine
 hydrochloride.
 Dibutil; Lysivane; Pardisol; Parphezein; Parphezin;
 Parsidol; Parsitan; Parsotil; Rodipal. Anticholinergic and
 anti-Parkinsonian. mp = 223-225°; soluble in H_2O (0.25
 g/100 ml at 20°, 5 g/100 ml at 40°), EtOH (3.3 g/100 ml at
 25°); sparingly soluble in Me_2CO ; insoluble in Et_2O ,
 C_6H_6 . *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5482 Ethylbenzhydramine

642-58-0 3813
 $C_{19}H_{25}NO$
 2-(Diphenylmethoxy)-N,N-diethylethanamine.
 etanautine. Anticholinergic; anti-Parkinsonian. $bp_{0.15} =$
 140-142°. *Parke-Davis.*

5483 Ethylbenzhydramine Hydrochloride

86-24-8 3813
 $C_{19}H_{26}ClNO$
 2-(Diphenylmethoxy)-N,N-diethylethanamine
 hydrochloride.
 Antiparkin. Anticholinergic and anti-Parkinsonian. mp =
 140°; freely soluble in H_2O ; soluble in EtOH, Me_2CO ,
 $CHCl_3$; slightly soluble in C_6H_6 , Et_2O . *Parke-Davis.*

5484 Ethylbenzhydramine Methyl Iodide

5982-52-5 3813 227-792-2
 $C_{20}H_{28}INO$
 2-(Diphenylmethoxy)-N,N-diethylethanamine methyl
 iodide.
 Metropin. Anticholinergic and anti-Parkinsonian. *Parke-
 Davis.*

5485 Ipidacrine

62732-44-9
 $C_{12}H_{16}N_2$
 9-Amino-2,3,5,6,7,8-hexahydro-1H-cyclopent[b]-
 quinoline.
 Antiparkinsonian.

5486 Lazabemide

103878-84-8 5407
 $C_8H_{10}ClN_3O$
 N-(2-Aminoethyl)-5-chloropicolinamide.
 Antiparkinsonian. *Hoffmann-LaRoche Inc.*

5487 Lazabemide Hydrochloride

103878-83-7 5407
 $C_8H_{11}Cl_2N_3O$
 N-(2-Aminoethyl)-5-chloropicolinamide hydrochloride.
 Ro-19-6327/000. Antiparkinsonian. mp = 193-195°; LD_{50}
 (mus orl) = 1000-2000 mg/kg. *Hoffmann-LaRoche Inc.*

5488 Levodopa

59-92-7 5490 200-445-2
 (-)-3-(3,4-Dihydroxyphenyl)-L-alanine.
 Bendopa; Dopar; Larodopa; Levopa; Deadopa; Dopaflex;
 Dopal; Dopaidan; Dopalina; Doparkine; Doparl;
 Dopasol; Dopaston; Dopastral; Cidandopa; Doprin;
 Eldopal; Eldopar; Eldopatec; Eurodopa; Maipedopa;
 Laradopa; Maipedopa; Ledopa; Parda; Levopa; Veldopa;
 Weldopa; component of: Madopa, Sinemet.
 Antiparkinsonian. mp = 276-278° (dec), 284-286°; $[\alpha]_D^{13}$ =
 -13.1° (c = 5.12 in 1N HCl); λ_m = 220.5, 280 nm (log ϵ
 3.79, 3.42 0.001N HCl); soluble in H₂O (0.165 g/100 ml);
 insoluble in EtOH, C₆H₆, EtOAc, CHCl₃; LD₅₀ (mus orl) =
 3650 mg/kg, (rat orl) = 4000 mg/kg, (rbt orl) = 609 mg/kg.
*Roberts Pharmaceutical Corp.; DuPont Merck
 Pharmaceutical Co.; Hoffmann-LaRoche Inc.; ICN
 Pharmaceuticals, Inc.; Lemmon Co.; SmithKline Beecham
 Pharmaceuticals.*

5489 Lometraline

39951-65-0
 C₁₃H₁₈ClNO
 8-Chloro-1,2,3,4-tetrahydro-5-methoxy-N,N-dimethyl-1-
 naphthylamine.
 Antipsychotic. Antiparkinsonian. *Pfizer Inc.*

5490 Lometraline Hydrochloride

34552-78-8
 C₁₃H₁₉Cl₂NO
 8-Chloro-1,2,3,4-tetrahydro-5-methoxy-N,N-dimethyl-1-
 naphthylamine hydrochloride.
 CP-14368-1. Antipsychotic. Antiparkinsonian. *Pfizer Inc.*

5491 Mazaticol

42024-98-6
 C₂₁H₂₇NO₃S₂
 6,6,9-Trimethyl-9-azabicyclo[3.3.1]non-3 β -yl
 di-2-thienylglycolate.
 PG-501. Potent inhibitor of muscarinic receptor binding.
 Anticholinergic; antiparkinsonian.

5492 Mofegiline

119386-96-8 6313
 C₁₁H₁₃F₂N
 (E)-2-(Fluoromethylene)-4-(p-fluorophenyl)butylamine.
 Antiparkinsonian. *Marion Merrell Dow Inc.*

5493 Mofegiline Hydrochloride

120635-25-8 6313
 C₁₁H₁₄ClF₂N
 (E)-2-(Fluoromethylene)-4-(p-fluorophenyl)butylamine
 hydrochloride.
 MDL-72974A. Antiparkinsonian. mp = 131°. *Marion
 Merrell Dow Inc.*

5494 Naxagolid

88058-88-2
 C₁₅H₂₁NO₂
 (+)-(4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-4-propyl-2H-
 naphth[1,2-b]1,4-oxazin-9-ol.
 Dopamine agonist. Antiparkinsonian. *Merck & Co., Inc.*

5495 Naxagolide Hydrochloride

99705-65-4
 C₁₅H₂₂ClNO₂
 (+)-(4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-4-propyl-2H-

naphth[1,2-b]1,4-oxazin-9-ol hydrochloride.
 MK-458; L-647339. Dopamine agonist. Antiparkinsonian.
Merck & Co., Inc.

5496 Pareptide

61484-38-6
 C₁₄H₂₆N₄O₃
 N-[D-1-[(Carbamoylmethyl)carbamoyl]-3-methylbutyl]-
 N-methyl-L-2-pyrrolidinecarboxamide.
 Antiparkinsonian. *Wyeth-Ayerst Labs.*

5497 Pareptide Sulfate

61484-39-7
 C₂₈H₅₄N₈O₁₀S
 N-[D-1-[(Carbamoylmethyl)carbamoyl]-3-methylbutyl]-
 N-methyl-L-2-pyrrolidinecarboxamide sulfate (2:1).
 AY-24856. Antiparkinsonian. *Wyeth-Ayerst Labs.*

5498 Pergolide

66104-22-1 7304
 C₁₉H₂₆N₂S
 8 β -[(Methylthio)methyl]-6-propylergoline.
 Dopamine agonist. Antiparkinsonian. mp = 206-209°. *Eli
 Lilly & Co.*

5499 Pergolide Methanesulfonate

66104-23-2 7304
 C₂₀H₃₀N₂O₃S₂
 8 β -[(Methylthio)methyl]-6-propylergoline
 monomethanesulfonate.
 Permax; Celance; LY-127809. Dopamine agonist.
 Antiparkinsonian. mp = 225°; λ_m = 279 nm (ϵ 6980 H₂O),
 281 nm (ϵ 6993 EtOH); $[\alpha]_D^{20}$ = -18.0° to -23.0° (c = 1
 DMF); sparingly soluble in DMF, MeOH; slightly soluble
 in H₂O, 0.01N HCl, CHCl₃, CH₃CN, CH₂Cl₂, EtOH; very
 slightly slightly soluble in Me₂CO; insoluble in Et₂O. *Eli
 Lilly & Co.*

5500 Piroheptine

16378-21-5 7658
 C₂₂H₂₅N
 3-(10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-
 ylidene)-1-ethyl-2-methylpyridine.
 Antiparkinsonian. bp₄ = 167°; λ_m = 240 nm (ϵ 12100
 EtOH). *Fujisawa USA, Inc.*

5501 Piroheptine Hydrochloride

16378-22-6 7658
 C₂₂H₂₆ClN
 3-(10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-
 ylidene)-1-ethyl-2-methylpyridine hydrochloride.
 Trimol. Antiparkinsonian. mp = 250-253°; LD₅₀ (mmus
 orl) = 253 mg/kg, (mmus iv) = 19 mg/kg, (mmus ip) = 95
 mg/kg, (mmus sc) = 109 mg/kg, (mrat orl) = 600 mg/kg,
 (mrat iv) = 17 mg/kg, (mrat ip) = 110 mg/kg, (mrat sc) =
 330 mg/kg. *Fujisawa USA, Inc.*

5502 Pramipexole

104632-26-0 7885
 C₁₀H₁₇N₃S
 (S)-2-Amino-4,5,6,7-tetrahydro-6-
 (propylamino)benzothiazole.
 U-98528E; SUD919CL2Y. Dopamine agonist,
 antischizophrenic, antidepressant. Antiparkinsonian.

Boehringer Ingelheim GmbH.

5503 Pramipexole Hydrochloride

104632-25-9 7885

 $C_{10}H_{18}ClN_3S$

(S)-2-Amino-4,5,6,7-tetrahydro-6-

(propylamino)benzothiazole hydrochloride.

SND-19. Dopamine agonist, antischizophrenic, antidepressant. Antiparkinsonian. mp = 296-298°; $[\alpha]_D^{20} = -67.2^\circ$ (c = 1 MeOH). *Boehringer Ingelheim GmbH.***5504 Pridinol**

511-45-5 7922 208-128-0

 $C_{20}H_{25}NO$ α,α -Diphenyl-1-piperidinepropanol.ridinol; C-238. Anticholinergic and anti-Parkinsonian. mp = 120-121°; soluble in Me_2CO . *Glaxo Wellcome Inc.***5505 Pridinol Hydrochloride**

968-58-1 7922 213-529-9

 $C_{20}H_{26}ClNO$ α,α -Diphenyl-1-piperidinepropanol hydrochloride.Parks 12. Dec 238°; soluble in EtOH; LD_{50} (mus iv) = 35 mg/kg, (mus ip) = 131°, (rat iv) = 33 mg/kg, (rat ip) = 91 mg/kg. *Glaxo Wellcome Inc.***5506 Pridinol Methanesulfonate**

6856-31-1 7922 229-953-2

 $C_{21}H_{29}NO_4S$ α,α -Diphenyl-1-piperidinepropanol

monomethanesulfonate.

Konlax; Loxeen; Lyseen; Mitanoline. mp = 152.5-155°; sparingly soluble in H_2O . *Glaxo Wellcome Inc.***5507 Procyclidine**

77-37-2 201-023-0

 $C_{19}H_{29}NO$ α -Cyclohexyl- α -phenyl-1-pyrrolidinepropanol.Skeletal muscle relaxant. Antiparkinsonian. *Glaxo Wellcome Inc.***5508 Procyclidine Hydrochloride**

1508-76-5 216-141-8

 $C_{19}H_{30}ClNO$ α -Cyclohexyl- α -phenyl-1-pyrrolidinepropanol hydrochloride.Kemadrin. Skeletal muscle relaxant. Antiparkinsonian. *Glaxo Wellcome Inc.***5509 Prodipine**

31314-38-2 7949

 $C_{20}H_{25}N$

1-Isopropyl-4,4-diphenylpiperidine.

Antiparkinsonian. $bp_{0.01} = 117-125^\circ$. *Byk Gulden.***5510 Prodipine Hydrochloride**

31314-39-3 7949

 $C_{20}H_{26}ClN$

1-Isopropyl-4,4-diphenylpiperidine hydrochloride.

Anthen. Antiparkinsonian. mp = 267°. *Byk Gulden.***5511 Quinelarone**

97466-90-5

 $C_{14}H_{22}N_4$

(-)-(5aR,9aR)-2-Amino-5,5a,6,7,8,9,9a,10-octahydro-6-propylpyrido-2,3-g]quinazoline.

Antihypertensive Antiparkinsonian. *Eli Lilly & Co.***5512 Quinelarone Hydrochloride**

97548-97-5

 $C_{14}H_{23}ClN_4$

(-)-(5aR,9aR)-2-Amino-5,5a,6,7,8,9,9a,10-octahydro-6-propylpyrido-2,3-g]quinazoline dihydrochloride.

LY-163502. Antihypertensive; antiparkinsonian. *Eli Lilly & Co.***5513 Rasagiline**

136236-51-6

 $C_{12}H_{13}N$

(R)-N-2-Propynyl-1-indanamine.

Antiparkinsonian. *Lemmon Co.***5514 Rasagiline Methanesulfonate**

161735-79-1

 $C_{13}H_{17}NO_3S$

(R)-N-2-Propynyl-1-indanamine monomethanesulfonate.

TVP-1012. Antiparkinsonian. *Lemmon Co.***5515 Ropinirole**

91374-21-9 8416

 $C_{16}H_{24}N_2O$

4-[2-(Dipropylamino)ethyl]-2-indolinone.

SKF-101468. A D_2 receptor agonist. Antiparkinsonian. *SmithKline Beecham Pharmaceuticals.***5516 Ropinirole Hydrochloride**

91374-20-8 8416

 $C_{16}H_{25}ClN_2O$

4-[2-(Dipropylamino)ethyl]-2-indolinone hydrochloride.

SKF-101468-A. A D_2 receptor agonist. Antiparkinsonian. mp = 241-243°. *SmithKline Beecham Pharmaceuticals.***5517 Selegiline**

14611-51-9 8569

 $C_{13}H_{17}N$ (-)-(R)-N- α -Dimethyl-N-2-propynylphenethylamine.(-)-deprenil; L-deprenyl. Antiparkinsonian. $bp_{0.08} = 92-93^\circ$; $[\alpha]_D^{20} = -11.2^\circ$; [(±)-form (deprenyl)]: $bp_5 = 103-110^\circ$. *Somerset Pharmaceuticals Inc.***5518 Selegiline Hydrochloride**

14611-52-0 8569

 $C_{13}H_{18}ClN$ (-)-(R)-N- α -Dimethyl-N-2-propynylphenethylamine hydrochloride.Eldepryl; Déprényl; Eldéprine; Eldepryl; Jumex; Movergan; Plurimen. Antidyskinetic. Antiparkinsonian. mp = 141-142°; $[\alpha]_D^{25} = -10.8^\circ$ (c = 6.48 H_2O); LD_{50} (rat iv) = 81 mg/kg, (rat sc) = 280 mg/kg; [(±)-form hydrochloride (E-250)]: LD_{50} (rat iv) = 63 mg/kg, (rat sc) = 126 mg/kg, (rat orl) = 385 mg/kg. *Somerset Pharmaceuticals Inc.***5519 Talipexole**

101626-70-4 9209

 $C_{10}H_{15}N_3S$

6-Allyl-2-amino-5,6,7,8-tetrahydro-4H-thiazolo[4.5-d]azepine.

Antiparkinsonian. *Boehringer Ingelheim GmbH.*

5520 Talipexole Hydrochloride

36085-73-1 9209

 $C_{10}H_{16}ClN_3S$

6-Allyl-2-amino-5,6,7,8-tetrahydro-4H-thiazolo[4.5-d]azepine hydrochloride.

B-HT-920; Domin. Antiparkinsonian. mp = 245° (dec). *Boehringer Ingelheim GmbH*.**5521 Terguride**

37686-84-3 9308 253-624-2

 $C_{20}H_{28}N_4O$ 1,1-Diethyl-3-(6-methylergolin-8 α -yl)urea.TDHL. Antiparkinsonian. mp = 203-204° (dec), 205-207° (dec); [α]_D²⁰ = 30° (c = 1 C_5H_5N); 29° (c = 0.2 C_5H_5N); λ_m = 292, 281, 224 nm (log ϵ 3.72, 3.81, 4.42 C_5H_5N); insoluble in H_2O . *SPOFA*.**5522 Terguride Hydrogen Maleate**

37686-85-4 9308 253-625-8

 $C_{24}H_{32}N_4O_5$ 1,1-Diethyl-3-(6-methylergolin-8 α -yl)urea maleate.SH-406; VUFB-6638; ZK-31224; Dironyl; Mysalfon. Antihyperprolactinemic and antiparkinsonian. mp = 190-191°; [monohydrate]: mp = 150-153°; [α]_D²⁰ = -15.0° (c = 0.1 H_2O); soluble in H_2O (1.26 g/100 ml). *SPOFA*.**5523 Tolcapone**

134308-13-7

 $C_{14}H_{11}NO_5$

3,4-Dihydroxy-4'-methyl-5-nitrobenzophenone.

Ro-40-7592. Antihyperprolactinemic and antiparkinsonian.

5524 Tricyclamol Chloride

3818-88-0 223-311-5

 $C_{20}H_{32}ClNO$

(±)-1-(3-Cyclohexyl-3-hydroxy-3-phenylpropyl)-1-methylpyrrolidinium chloride.

Anticholinergic; antiparkinsonian.

5525 Trihexyphenidyl

144-11-6 9823 205-614-4

 $C_{20}H_{31}NO$ α -Cyclohexyl- α -phenyl-1-piperidinepropanol.

Anticholinergic and anti-Parkinsonian. mp = 114.3-115°;

[l form]: mp = 112-113°; [α]_D²⁰ = -25° (c = 0.4 EtOH).*Glaxo Wellcome Inc.***5526 Trihexyphenidyl Hydrochloride**

52-49-3 9823 200-142-5

 $C_{20}H_{32}ClNO$ α -Cyclohexyl- α -phenyl-1-piperidinepropanol hydrochloride.Antitrem; Artane; benzhexol chloride; Aparkane; Broflex; Cyclodol; Pacitane; Paralest; Pargitan; Parkinane; Parkopan; Peragit; Pipanol; Sedrina; Tremin; Triphedinon; Triphenidyl; Tsiklodol. Anticholinergic and antiparkinsonian. mp = 258.5° (dec); soluble in H_2O (1.0 g/100 ml), EtOH (6 g/100 ml), $CHCl_3$ (5 g/100 ml), soluble in MeOH; slightly soluble in C_6H_6 , Et_2O ; [l form]; mp = 264°; [α]_D²⁰ = -30° (c = 0.4 $CHCl_3$). *Glaxo Wellcome Inc.*

Antipheochromocytoma Agents

5527 Isaxonine

4214-72-6 5118

 $C_7H_{11}N_3$

2-(Isopropylamino)pyrimidine.

Accelerates rate of peripheral nerve regeneration. Studied as a nerve-regenerating drug in treatment of peripheral neuropathy, but dropped because it is associated with onset of hepatitis. mp = 27-28°; bp₁₂ = 92-93°.**5528 Metyrosine**

672-87-7 6248 211-599-5

 $C_{10}H_{13}NO_3$ (-)- α -Methyl-L-tyrosine.Demser; L- α -MT; MK-781. A tyrosine hydroxylase inhibitor used as an antihypertensive in pheochromocytoma. mp = 310-315°. *Merck & Co., Inc.***5529 dl-Metyrosine**

620-30-4 6248 210-635-7

 $C_{10}H_{13}NO_3$ (±)- α -Methyl-L-tyrosine.Demser. A tyrosine hydroxylase inhibitor used as an antihypertensive in pheochromocytoma. Dec 320°, 330-332°; soluble in H_2O (0.057 g/100 ml at 25°). *Merck & Co., Inc.***5530 Phenoxybenzamine**

59-96-1 7409 200-446-8

 $C_{18}H_{22}ClNO$

N-(2-Chloroethyl)-N-(1-methyl-2-phenoxyethyl)-benzylamine.

bensyllyt; 688-A. Antihypertensive; antipheochromocytoma. mp = 38-40°; soluble in C_6H_6 . *SmithKline Beecham Pharmaceuticals*.**5531 Phenoxybenzamine Hydrochloride**

63-92-3 7409 200-569-7

 $C_{18}H_{23}Cl_2NO$

N-(2-Chloroethyl)-N-(1-methyl-2-phenoxyethyl)-benzylamine hydrochloride.

Dibenzyllyne; Dibenzylin; Dibenzyllyne; Dibenzylran. Antihypertensive. Antipheochromocytoma. mp = 137.5-140°; soluble in EtOH, propylene glycol; sparingly soluble in H_2O . *SmithKline Beecham Pharmaceuticals*.**5532 Phentolamine**

50-60-2 7417 200-053-1

 $C_{17}H_{19}N_3O$

m-[N-(2-Imidazolin-2-ylmethyl)-p-toluidino]phenol.

Regitine; C-7337. Antiadrenergic with antihypertensive properties. Used in the diagnosis and treatment of pheochromocytoma. mp = 174-175°. *Ciba-Geigy Corp.***5533 Phentolamine Hydrochloride**

73-05-2 7417 200-793-5

 $C_{17}H_{20}ClN_3O$

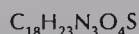
m-[N-(2-Imidazolin-2-ylmethyl)-p-toluidino]phenol hydrochloride.

Regitine hydrochloride. Antiadrenergic with antihypertensive properties. Used in the diagnosis and treatment of pheochromocytoma. mp = 239-240°; soluble in H_2O (2 g/100 ml), EtOH (1.43 g/100 ml); slightly

soluble in CHCl_3 ; insoluble in Me_2CO , EtOAc ; LD_{50} (rat iv) = 75 mg/kg, (rat sc) = 275 mg/kg, (rat orl) = 1250 mg/kg. *Ciba-Geigy Corp.*

5534 Phentolamine Methanesulfonate

65-28-1 7417 200-604-6



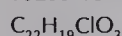
m-[N-(2-Imidazolin-2-ylmethyl)-p-toluidino]phenol monomethanesulfonate.

Regitine mesylate; Rogitine. Antiadrenergic with antihypertensive properties. Used in the diagnosis and treatment of pheochromocytoma. mp = 177-181°; soluble in H_2O (2 g/100 ml), EtOH 4.3 g/100 ml, CHCl_3 (0.17 g/100 ml). *Ciba-Geigy Corp.*

Antipneumocystis

5535 Atovaquone

95233-18-4 898

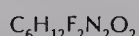


2-[trans-4-(p-Chlorophenyl)cyclohexyl]-3-hydroxy-1,4-naphthoquinone.

Mepron; 566C80; 566C; BW-566C; BW-556C-80; Acuvel; Wellvone. Antiprotozoal (toxoplasma) and antimalarial. Used to treat pneumocystitis. mp = 216-219°. *Glaxo Wellcome Inc.*

5536 Eflornithine

67037-37-0 3564

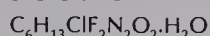


2-(Difluoromethyl)-DL-ornithine.

DFMO; RFI-71782. Antipneumocystic. Antineoplastic; antiprotozoal (trypanosoma). *Marion Merrell Dow Inc.*

5537 Eflornithine Hydrochloride Monohydrate

96020-91-6 3564

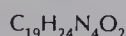


2-(Difluoromethyl)-DL-ornithine hydrochloride monohydrate.

Ornidyl; MDL-71782A. Antipneumocystic. Antineoplastic and antiprotozoal (trypanosoma). mp = 183°. *Marion Merrell Dow Inc.*

5538 Pentamidine

100-33-4 7254 202-841-0

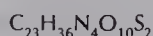


4,4'-(Pentamethylenedioxy)dibenzamidine.

Antipneumocystic. Dec 186°. *Fujisawa USA, Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5539 Pentamidine Dimethanesulfonate

6823-79-6 7254 229-898-4



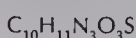
4,4'-(Pentamethylenedioxy)dibenzamidine isethionate.

Nebupent; Pentacarinat; Pentam 300; MB-800; RP-2512; M&B-800; Aeropent; Banambax; NebuPent; Pneumopent.

Antipneumocystic. mp = 180°; soluble in H_2O (10 g/100 ml at 25°, 25 g/100 ml at 100°); soluble in glycerol; slightly soluble in EtOH ; insoluble in Et_2O , Me_2CO , CHCl_3 . *Fujisawa USA, Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5540 Sulfamethoxazole

723-46-6 9086 211-963-3



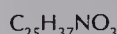
N^1 -(5-Methyl-3-isoxazolyl)sulfanilamide.

Gantanol; Ro-4-2130; Sinomin; sulfisomezole; component of: Azo Gantanol, Bactrim, Cotrim, Septra, SMZ/TMP, Sulfatrim. Antibacterial, used in the treatment of pneumocystitis. mp = 167°; LD_{50} (mus orl) = 3662 mg/kg. *Apothecon; Glaxo Wellcome Inc.; Hoffmann-LaRoche Inc.; Lemmon Co.*

Anti-BPH Agents

5541 Epristeride

119169-78-7 3668

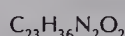


17 β -(tert-Butylcarbamoyl)androsta-3,5-diene-3-carboxylic acid.

SK&F-105657. A 5 α -reductase inhibitor. Used in treatment of benign prostatic hypertrophy. mp = 242-249°. *SmithKline Beecham Pharmaceuticals.*

5542 Finasteride

98319-26-7 4125

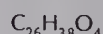


N-tert-Butyl-3-oxo-4-aza-5 α -androst-1-ene 17 β -carboxamide.

Propecia; Proscar; MK-906; Chibro-Proscar; Finastid; Prostate. A 5 α -reductase inhibitor (testosterone $\rightarrow$ dihydrotestosterone converting enzyme). Formerly used as a treatment for benign prostatic hypertrophy. Also reported to have anti-alopecia properties and is now used to treat alopecia. mp = 257°, 252-254°; $[\alpha]_D = -59^\circ$ (c = 1 MeOH); freely soluble in CHCl_3 , DMSO, MeOH, EtOH , n-PrOH; sparingly soluble in propylene glycol, polyethylene glycol 400; very slightly soluble in H_2O , acids, bases. *Merck & Co., Inc.*

5543 Gestonorone Caproate

1253-28-7 4422 215-010-2



17-Hydroxy-19-norpregn-4-ene-3,20-dione hexanoate.

SH-582; NSC-84054; gestronol caproate; Depostat. Progestogen Used in treatment of benign prostatic hypertrophy. mp = 123-124°; $[\alpha]_D = 13^\circ$ (CHCl_3); $\lambda_m = 239$ nm (le 17540). *Schering Corp.*

5544 Mepartricin

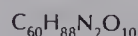
11121-32-7 5891

mixture ($\cong$ 1:1) of mepartricin A and mepartricin B.

SPA-S-160; SN-654; Patricin methyl ester; methylpatricin; Iptrofan; Orofungin; Tricandil; Tricangine. Antifungal and antiprotozoal (trichomonas); also used to treat benign prostatic hypertrophy. $\lambda_m = 401, 378, 359, 340$ nm; slightly soluble in H_2O , Et_2O , C_6H_6 , petroleum ether; soluble in ROH, $\text{C}_5\text{H}_5\text{N}$, DMF, DMSO, Me_2CO ; LD_{50} (mus orl) > 2000 mg/kg, (mus ip) = 200 mg/kg.R74.

5545 Mepartricin A

62534-68-3 5891



40-Demethyl-3,7-dideoxo-3,7-dihydroxy- N^{47} -methyl-5-oxocandicidin D methyl ester cyclic 15,19-hemiacetal gedamycin methyl ester.

Antifungal and antiprotozoal (trichomonas); also used to treat benign prostatic hypertrophy. mp = 145-149° (dec); $\lambda_m = 400, 377, 357, 339, 287, 240, 234, 204$ nm (e

79326, 92454, 68094, 51685, 14199, 24612, 26505, 16092 MeOH).

5546 Mepartricin B

62534-69-4

5891

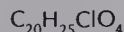


[sodium lauryl sulfate complex]: SPA-S-222; Montricin. Antifungal and antiprotozoal (trichomonas); also used to treat benign prostatic. mp = 154-158°; λ_m = 402, 379, 359, 340, 285, 233, 204 nm (ϵ 81101, 94729, 64171, 41558, 16196, 23835, 21696 MeOH).

5547 Osaterone

105149-04-0

7019



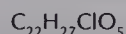
(+)-6-Chloro-17-hydroxy-2-oxapregna-4,6-diene-3,2-dione.

Anti-androgen (androgen receptor antagonist). Used in treatment of benign prostatic hypertrophy. mp = 218-221°. *Teikoku Hormone*.

5548 Osaterone Acetate Ester

105149-00-6

7019



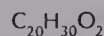
(+)-6-Chloro-17-hydroxy-2-oxapregna-4,6-diene-3,2-dione acetate (ester).

2-oxochlormadinone acetate; TZP-4238. Anti-androgen (androgen receptor antagonist). Used in treatment of benign prostatic hypertrophy. mp = 253-255°. *Teikoku Hormone*.

5549 Oxendolone

33765-68-3

7065

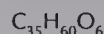


16 β -Ethyl-17 β -hydroxyestr-4-en-3-one.

TSAA-291. Anti-androgen (androgen receptor antagonist). Used in treatment of benign prostatic hypertrophy. mp = 152-153°; $[\alpha]_D$ = 41° (c = 1.0 EtOH); λ_m = 240 nm (ϵ 15800 EtOH); LD₅₀ (rat mus orl) > 10000 mg/kg, (rat mus im) = 5000-10000 mg/kg, (rat mus ip) = 5000 - 10000 mg/kg. *Takeda*.

5550 Sitogluside

474-58-8



3 β -(α -D-Glucopyranosyloxy)stigmast-5-ene.

BSSG; EU-4906; AW-10; WA-184. Antiprostatic hypertrophy.

5551 Tamsulosin

106133-20-4

9217



(-)-(R)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzenesulfonamide.

amsulosin. Specific α_1 -adrenoceptor antagonist. Used in treatment of benign prostatic hypertrophy. *Boehringer Ingelheim Pharmaceuticals, Inc.; Yamanouchi U.S.A. Inc.*

5552 dl-Tamsulosin Hydrochloride

80223-99-0

9217



($\pm$)-(R)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzenesulfonamide hydrochloride.

Specific α_1 -adrenoceptor antagonist. Used in treatment of benign prostatic hypertrophy. mp = 254-256°. *Boehringer*

Ingelheim Pharmaceuticals, Inc.; Yamanouchi U.S.A. Inc.

5553 (R)-Tamsulosin Hydrochloride

106463-17-6

9217



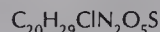
(-)-(R)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzenesulfonamide hydrochloride.

LY-253351; R(-)-YM-12617; YM-12617-1; YM-617; Harnal. Specific α_1 -adrenoceptor antagonist. Used in treatment of benign prostatic hypertrophy. mp = 228-230°; $[\alpha]_D^{24}$ = -4.0° (c = 0.35 MeOH). *Boehringer Ingelheim Pharmaceuticals, Inc.; Yamanouchi U.S.A. Inc.*

5554 (S)-Tamsulosin Hydrochloride

106463-19-8

9217



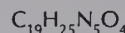
(+)-(S)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzenesulfonamide hydrochloride.

YM-12617-2. Specific α_1 -adrenoceptor antagonist. Used in treatment of benign prostatic hypertrophy. mp = 228-230°; $[\alpha]_D^{24}$ = +4.2° (c = 0.36 MeOH). *Boehringer Ingelheim Pharmaceuticals, Inc.; Yamanouchi U.S.A. Inc.*

5555 Terazosin

63590-64-7

9297



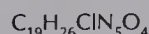
1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(tetrahydro-2-furoyl)piperazine.

An α_1 -adrenergic blocker Used to treat hypertension and benign antiprostatic hypertrophy. mp = 272.6-274°; λ_m = 214, 245 330 nm (a = 65.7, 127,5 24,0 H₂O); soluble in MeOH (3.37 g/100 ml), H₂O (2.97 g/100 ml), EtOH (0.41 g/100 ml), 0.1N HCl (0.38 g/100 ml), CHCl₃ (0.12 g/100 ml), Me₂CO (0.001 g/100 ml). *Abbott Labs*.

5556 Terazosin Hydrochloride Dihydrate

70024-40-7

9297



1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(tetrahydro-2-furoyl)piperazine hydrochloride dihydrate.

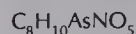
Abbott-45975; Heitrin; Hytracin; Hytrin; Hytrinex; Itrin; Urodie; Vasocard; Vasomet; Vicard. An α_1 -adrenergic blocker. Used to treat hypertension and benign antiprostatic hypertrophy. mp = 271-274°; soluble in H₂O (7.62 g/100 ml); LD₅₀ (mrat iv) = 277 mg/kg, (frat iv) = 293 mg/kg. *Abbott Labs*.

Antiprotozoals**5557 Acetarsone**

97-44-9

49

202-582-3



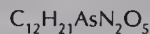
N-Acetyl-4-hydroxy-m-arsanilic acid.

Stovarsol; acetarsol; acetphenarsine; Ehrlich 594; Fournau 190; F-190; Amarsan; Arsaphen; Dynarsan; Goyl; Kharophen; Limarsol; Malagride; Gynoplix; Oralcid; Devegane; Orarsan; Osarsal; Osvarsan; Paroxyl; Sanogyl; Spirocid; S.V.C.; Monargan; Ginarsol; Stovarsolan. Antiprotozoal against Trichomonas. Dec 240-250°; slightly soluble in H₂O; MLD (rbt orl) = 125-150 mg/kg, (cat orl) = 150-175 mg/kg. *Abbott Labs.*

Rhône-Poulenc Rorer Pharmaceuticals Inc.

5558 Acetarsonic Diethylamine Salt

534-33-8 49 208-597-1



N-Acetyl-4-hydroxy-m-arsanilic acid diethylamine salt.
Acetarsin; Acetilarsano; Acetylarsan; Arsaphenan;
Golarsyl; Syntharsol. Antiprotozoal against Trichomonas.
Abbott Labs.; Rhône-Poulenc Rorer Pharmaceuticals Inc.

5559 Acranil

1684-42-0 123 216-868-0



1-[(6-Chloro-2-methoxy-9-acridinyl)amino]-3-
(diethylamino)-2-propanol dihydrochloride.
SKF-16214-A2; SN-186. Antiprotozoal against Giardia.
mp = 237-239° (dec); soluble in H₂O; [free base
(C₂₁H₂₆ClN₃O₂)]: mp = 105-107°; sparingly soluble in
Et₂O. SmithKline Beecham Pharmaceuticals.

5560 Aminitroazole

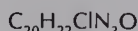
140-40-9 430 205-414-7



N-(5-Nitro-2-thiazolyl)acetamide.
CL-5279; acinitrazole; Tritheon; Trichorad; Trichoral;
Gynofon; Enheptin-A; Pleocide. Antiprotozoal against
Trichomonas. mp = 264-265°; soluble in aqueous NH₃,
NaOH. American Cyanamid.

5561 Amodiaquine

86-42-0 609 201-669-3



4-[(7-Chloro-4-quinolinyl)amino]-α-(diethylamino)-o-
cresol.
SN-10751. Antimalarial and antiprotozoal against
Toxoplasma. mp = 208° (dec). Parke-Davis.

5562 Amodiaquine Hydrochloride

69-44-3 609 200-706-0



4-[(7-Chloro-4-quinolinyl)amino]-α-(diethylamino)-o-
cresol hydrochloride.
Camaquin hydrochloride; CAM-AQ1; Flavoquine,
Miaquin. Antimalarial and antiprotozoal against
Toxoplasma. Dec 150-160°; λ_m = 342 nm (E_{1cm}^{1%} 349
MeOH), 341.5 nm (E_{1cm}^{1%} 389 H₂O), 342 nm (E_{1cm}^{1%} 396
0.1N HCl); soluble in H₂O; sparingly soluble in EtOH;
very slightly soluble in C₆H₆, CHCl₃, Et₂O;
[dihydrochloride hemihydrate]: mp = 243°, slightly
soluble in H₂O, EtOH. Parke-Davis.

5563 Anisomycin

22862-76-6 708 245-269-7



1,4,5-Trideoxy-1,4-imino-5-(4-methoxyphenyl)-D-xylo-
pentitol 3-acetate.
Flagecidin. Antiprotozoal against Trichomonas. mp =
140-141°; [α]_D²³ = -30° (MeOH); λ_m = 224, 277, 283 nm (ε
10800, 1800, 1600); soluble in H₂O, EtOH, MeOH,
EtOAc, Me₂CO, CHCl₃; insoluble in C₆H₆; [hydrochloride
(C₁₄H₂₀ClO₄)]: mp = 187-188°; very soluble in H₂O;
[deacetylanisomycin (C₁₂H₁₇NO₃)]: mp = 176-179°; [α]_D²⁵

= -20.0° (MeOH). Pfizer Inc.

5564 Atovaquone

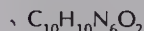
95233-18-4 898



2-[trans-4-(p-Chlorophenyl)cyclohexyl]-3-hydroxy-1,4-
naphthoquinone.
Mepron; 566C80; BW-566C; BW-566C-80; Acuvcl;
Wellvone. Antimalarial and antipneumocystic.
Antiprotozoal against Toxoplasma. mp = 216-219°. Glaxo
Wellcome Inc.

5565 Azanidazole

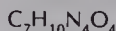
62973-76-6 930



(E)-2-Amino-4-[2-(1-methyl-5-nitroimidazol-2-
yl)vinyl]pyrimidine.
nitromidine; F-4; Triclose. Antiprotozoal against
Trichomonas. mp = 232-235°; soluble in DMF, DMSO;
slightly soluble in dioxane, Me₂CO; LD₅₀ (mus orl) =
5100 mg/kg, (mus ip) = 590 mg/kg, (rat orl) = 7600
mg/kg, (rat ip) = 860 mg/kg. Chemoterapico.

5566 Bamnidazole

31478-45-2 250-650-6



2-Methyl-5-nitroimidazole-1-ethanol carbamate.
RP-20578. Antiprotozoal against Trichomonas. Rhône-
Poulenc Rorer Pharmaceuticals Inc.

5567 Benznidazole

22994-85-0 1114



N-Benzyl-2-nitroimidazole-1-acetamide.
Ro-7-1051; Radanil. Antiprotozoal against Trypanosoma.
mp = 188.5-190°; λ_m = 313 nm (ε 7600 EtOH); soluble in
H₂O (0.04 g/100ml at 37°). Hoffmann-LaRoche Inc.

5568 Carnidazole

42116-76-7 1897 255-663-0



O-Methyl [2-(2-methyl-5-nitroimidazol-1-yl)ethyl]-
thiocarbamate.
R-25831; Spartrix. Antiprotozoal against Trichomonas.
mp = 142.4°. Janssen Pharmaceutical, Belgium.

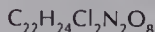
5569 Chlortetracycline Bisulfate

2245

7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-
octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-
dioxo-2-naphthacenecarboxamide bisulfate.
Antibacterial and antiamebic.

5570 Chlortetracycline Hydrochloride

64-72-2 2245 200-591-7



7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-
octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-
dioxo-2-naphthacenecarboxamide monohydrochloride.
Aureomycin; Fermycin Soluble. Antibacterial and
antiamebic. Dec > 210°; [α]_D²³ = 240°; soluble in H₂O
(0.86 g/100 ml), MeOH (1.74 g/100 ml), EtOH (0.17
g/100 ml); insoluble in Me₂CO, Et₂O, CHCl₃, dioxane;
LD₅₀ (rat orl) = 10300 mg/kg. Fermenta Animal Health
Co.; Lederle Labs.

5571 Doxycycline Calcium

94088-85-4 3496 302-088-9
 $C_{44}H_{46}CaN_2O_8$
 [4S-(4 α ,4a α ,5 α ,5a α ,6 α ,12a α)]-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene-carboxamide calcium (2:1) (salt).
 Antibacterial and antiamebic.

5572 Eflornithine

67037-37-0 3564
 $C_6H_{12}F_2N_2O_2$
 2-(Difluoromethyl)-L-ornithine.
 Antiprotozoal against Trypanosoma. *Marion Merrell Dow Inc.*

5573 Eflornithine Hydrochloride Monohydrate

96020-91-6 3564
 $C_6H_{13}ClF_2N_2O_2 \cdot H_2O$
 2-(Difluoromethyl)-L-ornithine monohydrochloride monohydrate.
 Ornidyl; MDL-71782A. Antiprotozoal against Trypanosoma. mp = 183°. *Marion Merrell Dow Inc.*

5574 Ethylstibamine

1338-98-3 3896
 $C_{10}H_{19}N_2O_3Sb$
 Dihydroxyphenylstibine oxide compound with diethylamine.
 Bayer 693; Neostibosan; Stibosamine; Astaril.
 Antiprotozoal against Trypanosoma. Freely soluble in H_2O .

5575 Flubendazole

31430-15-6 4154 250-624-4
 $C_{16}H_{12}FN_3O_3$
 Methyl 5-(p-fluorobenzoyl)-2-benzimidazolecarbamate.
 R-17889; Flubenol; Flumoxal; Flumoxane; Fluvermal.
 Anthelmintic and antiprotozoal. mp = 260°; LD₅₀ (mus, rat, gpg orl) > 2560 mg/kg. *Janssen Pharmaceutical, Belgium.*

5576 Flunidazole

4548-15-6
 $C_{11}H_{10}FN_3O_3$
 2-(p-Fluorophenyl)-5-nitroimidazole-1-ethanol.
 Anthelmintic and antiprotozoal. *Merck & Co., Inc.*

5577 Furazolidone

67-45-8 4320 200-653-3
 $C_8H_7N_3O_5$
 3-[(5-Nitrofurfurylidene)amino]-2-oxazolidinone.
 Fiurox Aerosol Powder; Furoxone. Antiprotozoal against Trichomonas. mp = 256-257°; soluble in H_2O (0.004 g/100 ml). *Roberts Pharmaceutical Corp.; Solvay Animal Health, Inc.*

5578 Hachimycin

1394-02-1 4616
 Trichomycin; Cabimicina; Trichonat. Heptaene macrolide antibiotic produced by *Streptomyces hachijoensis*.
 Antifungal and antiprotozoal against Trichomonas.
 Yellow crystals; forms a water-soluble sodium salt; LD₅₀ (mus ip) = 5 mg/kg.

5579 Halofuginone Hydrobromide

64924-67-0 4627
 $C_{16}H_{18}Br_2ClN_3O_3$
 (±)-trans-7-Bromo-6-chloro-3-[3-(3-hydroxy-2-piperidyl)-acetyl]-4(3H)-quinazolinone monohydrobromide.
 Stenorol; RU-19110. Antiprotozoal; coccidiostat. mp = 247° (dec). *Roussel-UCLAF.*

5580 Hydroxystilbamidine

495-99-8 4892 207-811-0
 $C_{16}H_{16}N_4O$
 2-Hydroxy-4,4'-stilbenedicarboxamidine.
 Antiprotozoal against Leishmania. mp = 235°; LD₅₀ (mus iv) = 27 mg/kg, (mus sc) = 140 mg/kg. *May & Baker Ltd.*

5581 Hydroxystilbamidine Isethionate

533-22-2 4892 208-557-3
 $C_{20}H_{28}N_4O_9S$
 2-Hydroxy-4,4'-stilbenedicarboxamidine bis((2-hydroxyethanesulfonate) (salt).
 Antiprotozoal against Leishmania. mp = 286° (dec); soluble in H_2O , EtOH (1.0 g/100 ml); insoluble in Et_2O .
May & Baker Ltd.

5582 Imidocarb

27885-92-3 4951 248-711-7
 $C_{19}H_{20}N_6O$
 3,3'-di-2-Imidazolin-2-ylcarbanilide.
 Antiprotozoal against Babesia. *Wander Pharma.*

5583 Imidocarb Hydrochloride

5318-76-3 4951 226-179-7
 $C_{19}H_{21}ClN_6O$
 3,3'-di-2-Imidazolin-2-ylcarbanilide hydrochloride.
 4A65; imizol [dipropionate]; Imizad Equine Injection [dipropionate]. Antiprotozoal against Babesia. mp = 350° (dec); LD₅₀ (mus sc) = 107 mg/kg, (rat sc) = 150 mg/kg. *Wander Pharma.*

5584 Iprnidazole

14885-29-1 5095 238-957-3
 $C_7H_{11}N_3O_2$
 2-Isopropyl-1-methyl-5-nitroimidazole.
 Ipropan; Ro-7-1554; NSC-109212. Antiprotozoal against Histomonas. mp = 60°; LD₅₀ (poult orl) = 640 ± 25 mg/kg; [hydrochloride]: mp = 177-182°; soluble in H_2O .
Hoffmann-LaRoche Inc.

5585 Lauroguadine

135-43-3 5398
 $C_{20}H_{36}N_6O$
 1,1'-[4-(Dodecyloxy)-m-phenylene]diguanidine.
 P7. Antiprotozoal against Trichomonas. [dihydrochloride monohydrate ($C_{20}H_{38}Cl_2N_6O \cdot 2H_2O$; P-7; Farmidril)]: dec 250°; soluble in H_2O (0.2 g/100 ml at 25°, 10 g/100 ml at 100°), MeOH (84.2 g/100 at 25°). *Farmitalia.*

5586 Levofuraltadone

3795-88-8
 $C_{13}H_{16}N_4O_6$
 (-)-5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)amino]-2-oxazolidinone.
 NF-602; NSC-527986. Antiprotozoal and antibacterial.

5587 Melarsomine

128470-15-5

$C_{13}H_{21}AsN_6S_2$
bis(2-Aminoethyl) p-[(4,6-diamino-s-triazin-2-yl)amino]-
dithiobenzenearsonite.
RM 340 [as dihydrochloride]; Cymelarsan [as
dihydrochloride]; CyMel [as dihydrochloride]. An
melaminophenyl arsenical trypanocide (veterinary).
Antiprotozoal.

5588 Melarsonyl

37526-80-0

$C_{13}H_{13}AsN_6O_4S_2$
2-[p-[(4,6-Diamino-s-triazin-2-yl)amino]phenyl]-1,3,2-
dithiarsolane-4,5-dicarboxylic acid.
An melaminophenyl arsenical trypanocide (veterinary).
Antiprotozoal.

5589 Melarsonyl Potassium

13355-00-5

236-405-6

$C_{13}H_{11}AsK_2N_6O_4S_2$
Potassium 2-[p-[(4,6-diamino-s-triazin-2-yl)amino]-
phenyl]-1,3,2-dithiarsolane-4,5-dicarboxylate.
RP-9955; mel W; trimelarsan. An melaminophenyl
arsenical trypanocide (veterinary). Antiprotozoal.

5590 Melarsoprol

494-79-1

5856

207-793-4

$C_{12}H_{15}AsN_6OS_2$
2-[p-(4,6-Diamino-s-triazin-2-ylamino)phenyl]-1,3,2-
dithiarsolane-4-methanol.
RP-3854; Mel B; Arsobal. Antiprotozoal against
Trypanosoma. Soluble in propylene glycol; insoluble in
 H_2O , MeOH, EtOH.

5591 Mepartricin

11121-32-7

5891

mixture ($\cong$ 1:1) of mepartricin A and mepartricin B; SPA-S-
160; SN-654; Partricin methyl ester; methylpartricin;
Ipertrofan; Orofungin; Tricandil; Tricangine.
Antiprotozoal against Trichomonas. $\lambda_m = 401, 378, 359,$
340 nm; slightly soluble in H_2O , Et_2O , C_6H_6 , petroleum
ether; soluble in ROH, C_5H_5N , DMF, DMSO, Me_2CO ;
 LD_{50} (mus orl) > 2000 mg/kg, (mus ip) = 200 mg/kg.

5592 Mepartricin A

62534-68-3

5891

263-584-8

$C_{60}H_{88}N_2O_{10}$
40-Demethyl-3,7-dideoxo-3,7-dihydroxy- N^{47} -methyl-5-
oxocandicidin D methyl ester cyclic 15,19-hemiacetal
gedamycin methyl ester.
Antiprotozoal against Trichomonas. mp = 145-149° (dec);
 $\lambda_m = 400, 377, 357, 339, 287, 240, 234, 204$ nm (ϵ
79326, 92454, 68094, 51685, 14199, 24612, 26505,
16092 MeOH).

5593 Mepartricin B

62534-69-4

5891

$C_{59}H_{86}N_2O_{19}$
SPA-S-222 [sodium lauryl sulfate complex]; Montricin
[sodium lauryl sulfate complex]. Antiprotozoal.
Antifungal and antiprotozoal; also used to treat benign
prostatic hypertrophy. mp = 154-158°; $\lambda_m = 402, 379,$
359, 340, 285, 233, 204 nm (ϵ 81101, 94729, 64171,

41558, 16196, 23835, 21696 MeOH).

5594 Metronidazole

443-48-1

6242

207-136-1

$C_6H_9N_3O_3$
2-Methyl-5-nitroimidazole-1-ethanol.
Metro Cream & Gel; Protostat; Satric; Bayer 5360; RP-
8823; NSC-50364; Arilin; Clont; Deflamon; Elyzol;
Flagyl; Fossyol; Gineflavir; Klion; MetroGel; Metrolag;
Metrolyl; Metrotop; Orvagil; Rathimed; Sanatrichom;
Trichazol; Tricocet; Trichocide; Tricho Cordes; Tricho-
Gynaedron; Trivazol; Vagilen; Vagimid; Zadstat;
component of: Flagyl I.V. RTU, Metro I.V. Antiprotozoal
against Trichomonas. Anti-amebic and antibacterial. mp
= 158-160°; soluble in H_2O (1.0 g/100 ml), EtOH (0.5
g/100 ml), Et_2O (< 0.05 g/100 ml), $CHCl_3$ (< 0.05 g/100
ml); sparingly soluble in DMF. Bayer Corp.,
Pharmaceutical Div.; Elkins-Sinn; Galderma Labs., Inc.;
Lemmon Co.; Kendall McGaw Inc.; Ortho
Pharmaceutical Corp.; Savage Labs.; SCS
Pharmaceuticals.

5595 Metronidazole Hydrochloride

69198-10-3

6242

$C_6H_{10}ClN_3O_3$
2-Methyl-5-nitroimidazole-1-ethanol.
Flagyl I.V.; SC-326421. Antiprotozoal against
Trichomonas. Anti-amebic and antibacterial. SCS
Pharmaceuticals.

5596 Metronidazole Phosphate

73334-05-1

$C_6H_{10}N_3O_6P$
2-Methyl-5-nitroimidazole-1-ethanol dihydrogen
phosphate (ester).
U-54555. Antiprotozoal against Trichomonas. Anti-
amebic and antibacterial.

5597 Misonidazole

13551-87-6

236-931-6

$C_7H_{11}N_3O_4$
 α -(Methoxymethyl)-2-nitroimidazole-1-ethanol.
Ro-7-0582. Antiprotozoal against Trichomonas.
Hoffmann-LaRoche Inc.

5598 Monensin

17090-79-8

6329

241-154-0

$C_{36}H_{62}O_{11}$
2-[2-Ethyl-octahydro-3'-methyl-5'-[tetrahydro-6-hydroxy-
6-(hydroxymethyl)-3,5-dimethyl-2H-pyran-2-yl][2,2'-
bifuran-5-yl]]-9-hydroxy- β -methoxy- $\alpha,\sigma,2,8$ -tetramethyl-
1,6-dioxapsiro[4.5]decan-7-butanoic acid.
A-3823A; 63714; monensic acid. Antibiotic produced by
Streptomyces cinnamonensis. Antifungal, antibiotic and
antiprotozoal. mp = 103-105°; $[\alpha]_D = 47.7^\circ$; slightly
soluble in H_2O , more soluble in hydrocarbons, very
soluble in organic solvents; LD_{50} (mus orl) = 43.8 ± 5.2
mg/kg, (chicks orl) = 284 $\pm$ 47 mg/kg. Eli Lilly & Co.

5599 Monensin Sodium

22373-78-0

6329

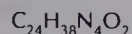
244-941-7

$C_{36}H_{61}NaO_{11}$
Sodium 2-[2-ethyl-octahydro-3'-methyl-5'-[tetrahydro-6-
hydroxy-6-(hydroxymethyl)-3,5-dimethyl-2H-pyran-2-yl]-
[2,2'-bifuran-5-yl]]-9-hydroxy- β -methoxy- $\alpha,\sigma,2,8$ -
tetramethyl-1,6-dioxapsiro[4.5]decan-7-butanoate.

Rumensin; Romensin; Coban. Antibiotic produced by *Streptomyces cinnamomensis*. Antifungal, antibiotic and antiprotozoal. mp = 267-269°; $[\alpha]_D = 57.3^\circ$; slightly soluble in H₂O, more soluble in hydrocarbons, very soluble in organic solvents. *Eli Lilly & Co.*

5600 Moxipraquine

23790-08-1



4-[6-[(6-Methoxy-8-quinolyl)amino]hexyl]- α -methyl-1-piperazinepropanol.

349-C59. A novel 8-aminoquinolone compound with antitrypanosomal activity and significant fetal toxicity in rats and rabbits. Antiprotozoal.

5601 Moxnidazole

52279-59-1



3-[[[1-Methyl-5-nitroimidazol-2-yl)methylene]amino]-5-(morpholinomethyl)-2-oxazolidinone.

SH-240. Antiprotozoal against *Trichomonas*. *Schering AG*.

5602 Nifuratel

4936-47-4

6623

225-576-2



5-[(Methylthio)methyl]-3-[(5-nitrofurfurylidene)amino]-2-oxazolidinone.

Macmiror; Magmilor; Polmiror; Tydantil; Omnes; methylmercadone; Inimur. Antibacterial, antifungal and antiprotozoal, against *Trichomonas*. mp = 182°. *Polichimica Sap*.

5603 Nifuroxime

6236-05-1

6627

228-349-6

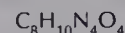


5-Nitro-2-furaldehyde oxime.

Mycofur. Antiprotozoal against *Trichomonas*. mp = 156°, 163-164°; soluble in H₂O (0.1 g/100 ml at 25°), MeOH (8.9 g/100 ml), EtOH (3.9 g/100 ml). *Norwich Eaton*.

5604 Nifursemizone

5579-89-5



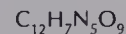
5-Nitro-2-furaldehyde 2-ethylsemicarbazone.

NF-161. Antihistomonad. Used for poultry.

5605 Nifursol

16915-70-1

240-963-6



3,5-Dinitrosalicylic acid (5-nitrofurfurylidene(hydrazide)).

Antihistomonad. Used for poultry.

5606 Nifurtimox

23256-30-6

6630

245-531-0



4-[(5-Nitrofurfurylidene)amino]-3-methylthiomorpholine 1,1-dioxide.

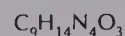
Bayer 2502; Lampit. Antiprotozoal against *Trypanosoma*. mp = 180-182°; LD₅₀ (mus gav) = 3720 mg/kg, (rat gav) = 4050 mg/kg. *Bayer AG*.

5607 Nimorazole

6506-37-2

6644

229-394-4



4-[2-(5-Nitroimidazol-1-yl)ethyl]morpholine.

K-1900; Acterol; Esclama; Naxofem; Naxogin; Nulogyl.

Antiprotozoal against *Trichomonas*. mp = 110-111°;

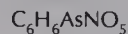
soluble in H₂O, EtOH, Me₂CO, CHCl₃; LD₅₀ (mus orl) = 1530 mg/kg. *Merck & Co., Inc.*

5608 Nitarson

98-72-6

6659

202-695-8



p-Nitrobenzenearsonic acid.

NSC-5085. Antihistomonad. Dec 298-300°; slightly soluble in H₂O, EtOH at 25°; more soluble in warm H₂O, EtOH. *U.S. Government*.

5609 N-Methylglucamine Antimonate

133-51-7

6154

228-506-9



1-Deoxy-1-(methylamino)-D-glucitol antimonate.

RP-2168; Glucantim; Glucantime; Protostib.

Antiprotozoal against *Leishmania*. Soluble in H₂O (35 g/100 ml); insoluble in EtOH, Et₂O, CHCl₃. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5610 Oxophenarsine Hydrochloride

538-03-4

7082

208-682-3



2-Amino-4-arsenosphenol hydrochloride.

Mapharsen; Ehrlich 5; Arseno 39; Arsenoxide; Maspharside; Mapharsal; Fontarsan; Arsenosan; Oxiarsolan. Antiprotozoal against *Trypanosoma*. Soluble in H₂O, EtOH, MeOH. *Parke-Davis*.

5611 Partricin

11096-49-4

7181

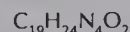
Ayfactin; SPA-S-132. Heptaene macrolide antibiotic complex produced by *Streptomyces Aureofaciens* NRRL 3878. Antiprotozoal. *SPA*.

5612 Pentamidine

100-33-4

7254

202-841-0



4,4'-(Pentamethylenedioxy)dibenzamidine.

Antipneumocystic. Antifungal and antiprotozoal, targets *Leishmania*, *Trypanosoma*. Dec 186°; [dihydrochloride (C₁₉H₂₆Cl₂N₄O₂): mp = 232-234°; LD₅₀ (mus iv) = 28 mg/lg, (mus sc) = 64 mg/kg. *Fujisawa USA, Inc.*; *May & Baker Ltd.*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5613 Pentamidine Dimethanesulfonate

6823-79-6

7254

229-898-4



4,4'-(Pentamethylenedioxy)dibenzamidine dimethanesulfonate.

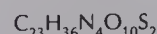
pentamidine mesylate; Lomodine. Antipneumocystic. Antifungal and antiprotozoal, targets *Leishmania*, *Trypanosoma*. *Fujisawa USA, Inc.*; *May & Baker Ltd.*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5614 Pentamidine Isethionate

140-64-7

7254

205-424-1



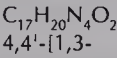
4,4'-(Pentamethylenedioxy)dibenzamidine isethionate.

M&B-800, RP-2512; Aeropent; Banambax; NebuPent; Pentacarinat; Pentam; Pneumopent. Antipneumocystic. Antifungal and antiprotozoal, targets *Leishmania*,

Trypanosoma. mp = 180°; soluble in H₂O (10 g/100 ml at 25°, 25 g/100 ml at 100°); soluble in glycerol; slightly soluble in EtOH; insoluble in Et₂O, Me₂CO, CHCl₃. *Fujisawa USA, Inc.; May & Baker Ltd.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5615 Propamidine

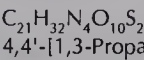
104-32-5 7981 203-195-2



Propanediylbis(oxy)]bisbenzenecarboximidamide. Topical anti-infective. Used as an antiprotozoal against Trypanosoma and Babesia and an anti-amebic. *May & Baker Ltd.*

5616 Propamidine Isethionate

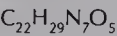
140-63-6 7981 205-423-6



bisbenzenecarboximidamide isethionate. M&B-782; Brolene Drops. Topical anti-infective. Used as an antiprotozoal against Trypanosoma and Babesia and an anti-amebic. mp → 235°; soluble in H₂O (20 g/100 ml), EtOH (3 g/100 ml), glycerol; insoluble in Et₂O, CHCl₃. *May & Baker Ltd.*

5617 Puromycin

53-79-2 8130



(S)-3'-[[2-Amino-3-(4-methoxyphenyl)-1-oxopropyl]amino]-3'-deoxy-N,N-dimethyladenosine. CL-13900; P-638; 3123-L; Stylomycin. Antineoplastic. Antiprotozoal against Trypanosoma. mp = 175.5-177°; [α]_D²⁵ = -11° (EtOH); λ_m = 275 nm (ε 20300 0.13N NaOH), 267.5 nm (ε 19500 0.1N HCl); LD₅₀ (mus iv) = 350 mg/kg, (mus ip) = 525 mg/kg, (mus orl) = 675 mg/kg. *American Cyanamid.*

5618 Pyrimethamine

58-14-0 8169 200-364-2



2,4-Diamino-5-(p-chlorophenyl)-6-ethylpyrimidine. Daraprim; Chloridin; Malocide; Tinduring; RP-4753; component of: Fansidar. Antimalarial and antiprotozoal, targeting Toxoplasma. mp = 233-234°, 240-242°; insoluble in H₂O; soluble in EtOH (0.9 g/100 ml at 25°, 2.5 g/100 ml at 75°), dilute HCl (0.5 g/100 ml); sparingly soluble in propylene glycol, dimethylacetamide at 70°. *Glaxo Wellcome Inc.; Hoffmann-LaRoche Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5619 Quinapyramine

20493-41-8 8234



4-Amino-6-[(2-amino-1,6-dimethyl-4(1H)-pyrimidinylidene)amino]-1,2-dimethylquinolinium conjugate monoacid. M-7555; Antrycide. Antiprotozoal against Trypanosoma. *ICI.*

5620 Quinapyramine Chloride

23609-65-6 8234 245-784-7

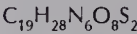


4-Amino-6-[(2-amino-1,6-dimethyl-4(1H)-pyrimidinylidene)amino]-1,2-dimethylquinolinium dichloride.

Antiprotozoal against Trypanosoma. Trypanosoma. mp = 316-317° (dec); LD₅₀ (mus iv) = 10-15 mg/kg. *ICI.*

5621 Quinapyramine Sulfate

23609-66-7 8234



4-Amino-6-[(2-amino-1,6-dimethyl-4(1H)-pyrimidinylidene)amino]-1,2-dimethylquinolinium dimethosulfate. Antiprotozoal against Trypanosoma. Trypanosoma. mp = 255-256°; freely soluble in H₂O; LD₅₀ (mus iv) = 10-15 mg/kg. *ICI.*

5622 Ronidazole

7681-76-7 8413 231-675-1



1-Methyl-7-nitroimidazole-2-methanol carbamate ester. MCMN; Dugro; Ridzol. Antimicrobial, antiprotozoal. mp = 167-169°; soluble in H₂O (0.29 g/100 ml at 25°); freely soluble in Me₂CO; soluble in MeOH, EtOH, CHCl₃, EtOAc. *Merck & Co., Inc.*

5623 Secnidazole

3366-95-8 8562 222-134-0



α,2-Dimethyl-5-nitroimidazole-1-ethanol. PM-185184; RP-14539; Flagentyl. Antiamebic and antiprotozoal against Trichomonas. mp = 76°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5624 Silver Picrate

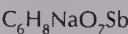
146-84-9 8670 205-682-5



2,4,6-Trinitrophenol silver salt. silver trinitrophenolate; Picragol; Picrotol. Antiprotozoal against Trichomonas. Soluble in H₂O (2 g/100 ml), sparingly soluble in EtOH, Me₂CO, glycerol; insoluble in CHCl₃, Et₂O.

5625 Sodium Antimonylgluconate

16307-91-5



Sodium salt of a trivalent antimony derivative of gluconic acid. Triostam. Sodium salt of a trivalent antimony derivative of gluconic acid. Antileishmanial (antiprotozoal); antischistosomal (anthelmintic).

5626 Sodium Stibogluconate

16037-91-5 742



2,4:2',4'-O-(Oxydistibylidene)bis[D-gluconic acid] Sb,Sb'-dioxide trisodium salt nonahydrate. Pentostam; Solustibosan. Antiprotozoal against Leishmania. Freely soluble in H₂O. *Glaxo Wellcome Inc.*

5627 Stilbamidine

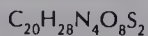
122-06-5 8970 204-519-5



4,4'-(1,2-Ethanediyl)bisbenzenecarboximidamide. 4,4'-stilbenedicarboximidine. Antiprotozoal against Leishmania and Trypanosoma. [dihydrochloride (C₁₆H₁₈Cl₂N₄)]; LD₅₀ (mus iv) = 31 mg/kg, (mus sc) = 180 mg/kg. *May & Baker Ltd.*

5628 Stilbamidine Isethionate

140-59-0 8970



4,4'-(1,2-Ethanediy)bisbenzenecarboximidamide isethionate.

M&B-744. Antiprotozoal against Leishmania and Trypanosoma. Dec 290°; $\lambda_m = 330$ nm ($E_{1\%}^{1\text{cm}} = 750$); soluble in H_2O (33-40 g/100 ml), MeOH (1.5 g/100 ml). *May & Baker Ltd.***5629 Sulnidazole**

51022-76-5



O-Methyl [2-(2-ethyl-5-nitroimidazol-1-yl)ethyl]-thiocarbamate.

R-26412. Antiprotozoal against Trichomonas. *Cilag-Chemie.***5630 Suramin Sodium**

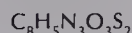
129-46-4 9181 204-949-3



Hexasodium 8,8'-[ureylenebis(m-phenylenecarbonylimino(4-methyl-m-phenylene)carbonylimino)]di-1,3,5-naphthalenetrisulfonate.

Bayer 205; Fourneau 309; Antrypol; Germanin; Moranyl; Naganol; Naphuride. Antineoplastic and antiviral. Anthelmintic against nematodes and antiprotozoal against Trypanosoma. Freely soluble in H_2O ; sparingly soluble in EtOH; insoluble in C_6H_6 , Et_2O , $CHCl_3$; LD_{50} (mus iv) = 620 mg/kg. *Parke-Davis.***5631 Tenonitroazole**

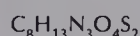
3810-35-3 9292 223-282-9



N-(5-Nitro-2-thiazolyl)-2-thiophenecarboxamide.

TC-109; Atrican; Moniflagon. Antifungal and antiprotozoal against Trichomonas. mp = 255-256°. *Chantereau.***5632 Tinidazole**

19387-91-8 9588 243-014-4



1-[2-(Ethylsulfonyl)ethyl]-2-methyl-5-nitroimidazole.

Fasigyn; Simplotan; CP-12574. Antiamebic, antifungal and antiprotozoal against Giardia and Trichomonas. mp = 127-128°; LD_{50} (mus orl) > 3600 mg/kg, (mus ip) > 2000 mg/kg. *Pfizer Inc.***5633 Trypan Red**

574-64-1 9924 209-372-0

4,4'-[(3-Sulfo[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[3-amino-2,7-naphthalenedisulfonic acid] pentasodium salt. CI-22850. Antiprotozoal against Trypanosoma. Has been used as a trypanocide. Soluble in H_2O , insoluble in EtOH.**5634 Tryparsamide**

554-72-3 9925 209-070-9

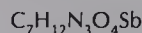


[4-[(2-Amino-2-oxoethyl)amino]phenyl]arsonic acid monosodium salt.

Glyphenarsine; Tryparsone; Tryponarsyl; Trypothane. Antiprotozoal against Trypanosoma. Trypanosoma

Soluble in H_2O (50 g/100 ml); slightly soluble in EtOH; insoluble in Et_2O , $CHCl_3$.**5635 Urea Stibamine**

1340-35-8 10010



sym-Diphenylcarbamido-4,4-distibinic acid.

Carbstibamide. Anthelmintic, targeting nematodes and Schistosoma; antiprotozoal against Leishmania. Chemical composition uncertain. Soluble in H_2O ; partially soluble in EtOH, Et_2O .

Antipruritics

5636 Ammonium Lactate

515-98-0 561 208-214-8



2-Hydroxypropanoic acid monoammonium salt.

BMS-186091. Antipruritic. mp = 91-94°; soluble in H_2O , glycerol, MeOH; insoluble in higher alcohols, Et_2O , Me_2CO , EtOAc. *Westwood-Squibb Pharmaceuticals, Inc.***5637 Camphor**

76-22-2 1779 200-945-0



1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one.

2-bornanone; 2-camphanone; norcamphane; gum camphor; Japan camphor; Formosa camphor; laurel camphor; component of: Campho-Phenique Cold Sore Gel, Campho-Phenique Liquid, Heet, Minut-Rub, Pazo Ointment, Sarna. Topical antipruritic. mp = 179.75°; bp = 204°; $[\alpha]_D^{25} = 41^\circ - 43^\circ$ (c = 10 EtOH); $d_4^{25} = 0.992$; soluble in H_2O (0.125 g/100 ml), EtOH (100 g/100 ml), Et_2O (100 g/100 ml), $CHCl_3$ (200 g/100 ml), C_6H_6 (250 g/100 ml), Me_2CO (250 g/100 ml); LD_{50} (mus ip) = 3000 mg/kg. *Bristol-Myers Squibb Co.; Sterling Health U.S.A.; Stiefel Labs., Inc.; Whitehall Labs.***5638 Cyproheptadiene**

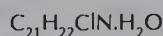
129-03-3 2842 204-928-9



4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-1-methylpiperidine.

Antipruritic. mp = 112.3-113.3°. *Merck & Co., Inc.***5639 Cyproheptadiene Hydrochloride Monohydrate**

6032-06-0 2842



4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-1-methylpiperidine hydrochloride monohydrate.

Antipruritic. mp = 214-216°; soluble in H_2O (0.5 g/100 ml). *Merck & Co., Inc.***5640 Cyproheptadiene Hydrochloride Sesquihydrate**

41354-29-4 2842



4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-1-methylpiperidine hydrochloride sesquihydrate.

Anarexol; Antegan; Ifrasarl; Nuran; Periactin; Vimicon; Cipractin; Peritol; Periactin. Antipruritic. Dec 252.6-

253.6°; λ_m = 224, 285 nm ($\epsilon_{1\text{ cm}}^{1\%}$ 1656 355 0.1N H_2SO_4); soluble in MeOH (66.6 g/100 ml), CHCl_3 (6.25 g/100 ml), EtOH (2.88 g/100 ml), H_2O (0.36 g/100 ml); insoluble in Et_2O ; LD_{50} (mus orl) = 74.2 mg/kg. *Merck & Co., Inc.*

5641 Dichlorisone

7008-26-6 3099 230-283-8
 $\text{C}_{21}\text{H}_{26}\text{Cl}_2\text{O}_4$
 9 α ,11 β -Dichloro-17 α ,21-dihydroxypregna-1,4-diene-3,20-dione.
 Diloderm; Disoderm. Topical antipruritic. Dec 238-241°; $[\alpha]_D^{20}$ = 134° ($\text{C}_5\text{H}_5\text{N}$); λ_m = 237 nm (ϵ 15400 MeOH). *Schering Corp.*

5642 Dichlorisone 21-Acetate

79-61-8 3099 201-213-3
 $\text{C}_{23}\text{H}_{28}\text{Cl}_2\text{O}_5$
 9 α ,11 β -Dichloro-17 α ,21-dihydroxypregna-1,4-diene-3,20-dione 21-acetate.
 Astroderm. Topical antipruritic. Dec 246-253°; $[\alpha]_D^{25}$ = 162° (dioxane); λ_m = 237 nm (ϵ 15000 MeOH). *Schering Corp.*

5643 Glycine

56-40-6 4500 200-272-2
 $\text{C}_2\text{H}_5\text{NO}_2$
 Aminoacetic acid.
 Gly; G; Glycolixir; glycoll; Gyn-Hydralin; Glycosthène; component of: Corilin. Antipruritic. mp = 290°; d = 1.1607; soluble in H_2O (25.0 g/100 ml at 25°, 39.1 g/100 ml at 50°, 54.4 g/100 ml at 75°, 67.2 g/100 ml at 100°), EtOH (0.06 g/100 ml, $\text{C}_5\text{H}_5\text{N}$ (0.60 g/100 ml); insoluble in Et_2O . *Bristol-Myers Squibb Co.; Kendall McGaw Inc.; Schering Corp.*

5644 Halometasone

50629-82-8 4628 256-664-9
 $\text{C}_{22}\text{H}_{27}\text{ClF}_2\text{O}_5$
 2-Chloro-6 α ,9-difluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione.
 C-48401-Ba; 2-chloroflumeasone; [monohydrate]; Sicorten. Antipruritic. mp = 220-222° (dec). *Ciba-Geigy Corp.*

5645 3-Hydroxycamphor

10373-81-6 4862
 3-Hydroxy-1,7,7-trimethylbicyclo[2.2.1]heptan-2-one.
 oxycamphor; Oxaphor. Antipruritic. mp = 205-206°; soluble in H_2O (2 g/100 ml); very soluble in EtOH, CHCl_3 , Et_2O .

5646 Levomenthol

2216-51-5 218-690-9
 $\text{C}_{10}\text{H}_{20}\text{O}$
 (-)-(1R,3R,4S)-Menthol.
 Antipruritic.

5647 Menthol

89-78-1 5882 201-939-0
 $\text{C}_{10}\text{H}_{20}\text{O}$
 5-Methyl-2-(1-methylethyl)cyclohexanol.
 Fisherman's Friend Lozenges; Therapeutic Mineral Ice; hexahydrothymol; peppermint camphor; component of: Dermoplast, Minut-Rub, Robitussin Cough Drops, Sarna,

Theragesic. Antipruritic. mp = 41-43°; bp = 212°; $[\alpha]_D^{18}$ = -50° (c = 10 EtOH); slightly soluble in H_2O ; very soluble in EtOH, CHCl_3 , Et_2O , petroleum ether; LD_{50} (rat orl) = 3180 mg/kg. *Bristol-Myers Squibb Co.; Robins, A.H. Co.; Mission Pharmacal Co.; Stiefel Labs., Inc.*

5648 Mesulfen

135-58-0 5977 205-202-4
 $\text{C}_{14}\text{H}_{12}\text{S}_2$
 2,7-Dimethylthianthrene.
 mesulphen; Mitigal; Odylen; Sudermo; Peligal; Neopsulfine. Scabicide and antipruritic. mp = 123°; bp₃ = 184°; bp₁₄ = 228-231°; freely soluble in Me_2CO , CHCl_3 , Et_2O , petroleum ether; moderately soluble in EtOH, EtOAc; insoluble in H_2O .

5649 Methdilazine

1982-37-2 6034 217-841-6
 $\text{C}_{18}\text{H}_{20}\text{N}_2\text{S}$
 10[(1-Methyl-3-pyrrolidinyl)methyl]phenothiazine.
 Tacaryl. Antipruritic. mp = 87-88°. *Westwood-Squibb Pharmaceuticals, Inc.*

5650 Methdilazine Hydrochloride

1229-35-2 6034 214-967-3
 $\text{C}_{18}\text{H}_{21}\text{ClN}_2\text{S}$
 10[(1-Methyl-3-pyrrolidinyl)methyl]phenothiazine hydrochloride.
 Tacaryl hydrochloride; Dilosyn; Disyncran. Antipruritic. mp = 187.5-189°; LD_{50} (rat orl) = 320 mg/kg. *Westwood-Squibb Pharmaceuticals, Inc.*

5651 Phenol

108-95-2 7390 203-632-7
 $\text{C}_6\text{H}_6\text{O}$
 Hydroxybenzene.
 Carboic acid; phenic acid; phenylic acid; phenyl hydroxide; oxybenzene; component of: Anbesol, Campho-Phenique Cold Sore Gel, Campho-Phenique Gel, Campho-Phenique Liquid. Antipruritic. mp = 40.85°; bp = 812°; d = 1.071; soluble in H_2O (6.6 g/100 ml), C_6H_6 (8.3 g/100 ml); very soluble in EtOH, CHCl_3 , Et_2O , CS_2 ; insoluble in petroleum ether; LD_{50} (rat orl) = 530 mg/kg. *Robins, A.H. Co.; Sterling Health U.S.A.*

5652 Polidocanol

3055-99-0 7717 221-284-4
 $\text{C}_{12}\text{H}_{35}(\text{OCH}_2\text{CH}_2)_n\text{OH}$ (average polymer, n = 9)
 α -Dodecyl- ω -hydroxypoly(oxy-1,2-ethanediyl).
 polyethylene glycol (9) monododecyl ether; dodecyl alcohol polyoxyethylene ether; hydroxypolyethoxydodecane; laureth 9; polyoxyethylene lauryl ether; polyethylene glycol monododecyl ether; Aethoxysklerol; Aetoxisklerol; Atlas G-4829; Hetoxol L-9; Lipal 9LA; Thesit. Also used as a solvent, non-ionic emulsifier, pharmaceutical aid (surfactant), spermicide. Sclerosing agent; antipruritic; anesthetic (topical). Soluble in H_2O , EtOH, C_7H_8 ; miscible with hot mineral, natural and synthetic oils; miscible with fats and fatty alcohols; LD_{50} (mus orl) = 1170 mg/kg, (mus iv) 125 mg/kg. *Kreussler, Chemische Fabrik.*

5653 Spirit of Camphor

76-22-2 8907 200-945-0

A solution of camphor in EtOH (10 g/100 ml).
Antipruritic.

5654 Thenalidine

86-12-4 9413 201-651-5

$C_{17}H_{22}N_2S$

1-Methyl-4-N-2-thenylanilinopiperidine.

Antipruritic; the tartrate is used as an antihistaminic. mp = 95-97°; bp_{0.02} = 158-160°; [tartrate]: mp = 170-172°.

5655 Tolpropamine

5632-44-0 9662 227-071-2

$C_{18}H_{23}N$

N,N-Dimethyl-3-phenyl-3-p-tolylpropylamine.

Antipruritic. [hydrochloride C₁₈H₂₄ClN; Pragman Gelee]: mp = 182-184°. *Hoechst*.

5656 Trimeprazine

84-96-8 9834 201-577-3

$C_{18}H_{22}N_2S$

10-[3-(Dimethylamino)-2-methylpropyl]phenothiazine.

alimemazine; methylpromazine; Bayer 1219. Antipruritic. mp = 68°; bp_{0.3} = 150-175°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5657 Trimeprazine Tartrate

4330-99-8 9834 224-368-9

$C_{40}H_{50}N_4O_6S_2$

10-[3-(Dimethylamino)-2-methylpropyl]phenothiazinetartrate.

Temaril16; Panectyl; Repeltin; Temaril; Theralene; Vallergan. Antipruritic. Soluble in H₂O, slightly soluble in EtOH. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

Antipsoriatics

5658 Acitretin

55079-83-9 114 259-474-4

$C_{21}H_{26}O_3$

(all E)-9-(4-Methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatrienoic acid.

Soriatane; etretin; Neotigason; Ro-10-1670/000.

Antipsoriatic. mp = 228-230°; LD₅₀ (mus ip) > 400 mg/kg (1 day), = 700 (10days), = 700 (20 days). *Hoffmann-LaRoche Inc.*

5659 Ammonium Salicylate

528-94-9 584 208-444-9

$C_7H_9NO_3$

2-Hydroxybenzoic acid monoammonium salt.

Salicyl-Vasogen. Analgesic and antipsoriatic. Soluble in H₂O (100 g/100 ml), EtOH (33 g/100 ml).

5660 Anthralin

1143-38-0 723 214-538-0

$C_{14}H_{10}O_3$

1,8-Dihydroxy-9-anthrone.

Anthra-Derm; DrithoCreme; Drithoscalp; Lasan; dithranol; Batidrol; Cignolin; Cigthranol; Psodadrate; Psoriacide. Antipsoriatic. mp = 176-181°; insoluble in H₂O; freely soluble in CHCl₃; soluble in Me₂CO, C₆H₆, C₅H₅N, oils; slightly soluble in EtOH, Et₂O, AcOH.

Dermik Labs., Inc.; Stiefel Labs., Inc.

5661 Anthralin Triacetate

16203-97-7 723 240-333-0

$C_{20}H_{16}O_6$

1,8,9-Triacetoxanthracene.

Exolan; 1,8,9-triacetoxanthracene. Antipsoriatic. *Dermik Labs., Inc.; Stiefel Labs., Inc.*

5662 Azaribine

2169-64-4 937

$C_{14}H_{17}N_3O_9$

2-β-D-Ribofuranosyl-as-triazine-3,5(2H,4H)-dione

2',3',5'-triacetate.

Triazure; CB-304; NSC-67239. Antipsoriatic. LD₅₀ (mus orl) = 7800 mg/kg, (rat orl) = 12000 mg/kg; [free alcohol]: mp = 160-161°; [α]_D²⁴ = -132° (C₅H₅N); λ_m = 262 nm (ε 6100 H₂O). *Grünenthal*.

5663 6-Azauridine

54-25-1 937 200-199-6

$C_8H_{11}N_3O_6$

2-β-D-Ribofuranosyl-1,2,4-triazine-3,5(2H,4H)-dione.

AzUR; Rib-Azauracil. Antipsoriatic. The better antipsoriatic is the triacetate (azaribine). mp = 160-161°; [α]_D²⁴ = -132° (C₅H₅N); λ_m 262 nm (ε 6100 H₂O).

5664 Bergaptene

484-20-8 1196 207-604-5

$C_{12}H_8O_4$

4-Methoxy-7H-furo[3,2-g][1]benzopyran-7-one.

bergapten; bergaptan; heraclin; majudin; 5-MOP; Psoraderm. Antipsoriatic. mp = 188°; insoluble in H₂O; slightly soluble in AcOH, CHCl₃, C₆H₆; soluble in absolute EtOH (1.66 g/100 ml).

5665 Butantrone

75464-11-8

$C_{18}H_{16}O_4$

10-Butyryl-1,8-dihydroxyanthrone.

An antipsoriatic drug.

5666 Calcipotriene

112965-21-6 1679

$C_{27}H_{40}O_3$

91α,3β,5Z,7E,22E,24S)-24-Cyclopropyl-9,10-secochola-

5,7,10(19),22-tetraene-1,3,24-triol.

MC-903; Daivonex; Dovonex. Antipsoriatic. mp = 166-

168°; λ_m 264 nm (ε 17200 EtOH).

5667 Cedefingol

35301-24-7

$C_{20}H_{41}NO_3$

N-[(1S,2S)-2-Hydroxy-1-

(hydroxymethyl)heptadecyl]acetamide.

SPC-101210. Antineoplastic (adjunct), antipsoriatic. *Sphinx Pharmaceutical Corp.*

5668 Chrysarobin

491-59-8 2312

$C_{15}H_{12}O_3$

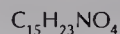
1,8-Hydroxy-3-methyl-9-anthrone.

purified Goa powder; purified araroba. Formerly used as an antipsoriatic. mp = 203.4-204°; slightly soluble in

H₂O; soluble in EtOH (0.26 g/100 ml), C₆H₆ (3.3 g/100 ml), CHCl₃ (66.6 g/100 ml), Et₂O (0.62 g/100 ml), CS₂ (0.55 g/100 ml).

5669 Cycloheximide

66-81-9 2797

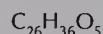


3-[(R)-2-[(1S,3S,5S)-3,5-Dimethyl-2-oxocyclohexyl]-2-hydroxyethyl]glutarimide.

U-4527. Antipsoriatic. mp = 119.5-121°, 115-116°; [α]_D²⁹ = -3.38° (c = 9.47 MeOH), [α]_D²⁵ = 6.8° (c = 2 H₂O); soluble in H₂O (2.1 g/100 ml), amyl alcohol (7 g/100 ml), CHCl₃, Et₂O, Me₂CO; MeOH, EtOH; LD₅₀ (mus iv) = 150 mg/kg. *Pharmacia & Upjohn, Inc.*

5670 Domoprednate

66877-67-6



11α,17α-Dihydroxy-D-homopregna-1,4-diene-3,20-dione.

Antipsoriatic.

5671 Enazadrem Phosphate

132956-22-0

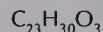


4,6-Dimethyl-2-[(6-phenylhexyl)amino]-5-pyrimidinol phosphate.

CP-70490-09. Antipsoriatic. *Pfizer Inc.*

5672 Etretnate

54350-48-0 3935 259-119-3



Ethyl (all E)-9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonateraeoate.

Ro-10-9359; Tegison; Tigason. Antipsoriatic. mp = 104-105°; LD₅₀ (mus ip 1 day) > 4000 mg/kg, (mus ip 20 day) = 1176 mg/kg, (rat ip 20 day) > 2000 mg/kg, (mus orl 20 day) > 2000 mg/kg, (rat orl 20 day) > 4000 mg/kg. *Hoffmann-LaRoche Inc.*

5673 Lexacalcitol

131875-08-6



(5Z,7E,20R)-20-[(4-Ethyl-4-hydroxyhexyl)oxy]-9,10-secopregna-5,7,10(19)-tiene-1α,3β-diol.

KH-1060. Vitamin D analog with antiproliferative properties. Antipsoriatic.

5674 Liarozole Fumarate

145858-52-2



(±)-5-(m-Chloro-α-imidazol-1-ylbenzyl)benzimidazole fumarate (2:3).

Liaza; R-85246. Antipsoriatic. *Janssen Pharmaceutical Inc.*

5675 Lonapalene

91431-42-4 5595

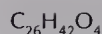


6-Chloro-2,3-dimethoxy-1,4-naphthalenediol diacetate.

RS-43179. Antipsoriatic. mp = 93-94°, 87.5-89.5°. *Syntex International, Ltd.*

5676 Maxacalcitol

103909-75-7

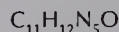


1α-25-Dihydroxy-22-oxacalcitriol.

Vitamin D analog with antiproliferative properties. Antipsoriatic.

5677 Peldesine

133432-71-0

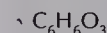


2-Amino-3,5-dihydro-7-(3-pyridylmethyl)-4H-pyrrolo[3,2-d]pyrimidin-4-one.

BCX-34. Antipsoriatic. *BioCryst Pharmaceuticals, Inc.*

5678 Pyrogallol

87-66-1 8184 201-762-9



1,2,3-Benzenetriol.

pyrogallol acid. Antipsoriatic. mp = 131-133°; bp = 309°; d = 1.45; soluble in H₂O (58.8 g/100 ml), EtOH (76.9 g/100 ml), Et₂O (62.5 g/100 ml); slightly soluble in C₆H₆, CHCl₃, CS₂; LD₅₀ (rbt orl) = 1600 mg/kg.

5679 Pyrogallol Monoacetate

1330-51-4 8184

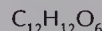


1-Acetoxy-2,3-dihydroxybenzene.

Eugallol. Antipsoriatic. Soluble in H₂O, EtOH, CHCl₃, Et₂O, Me₂CO, castor oil.

5680 Pyrogallol Triacetate

525-52-0 8184 208-374-9

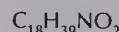


1,2,3-Triacetoxybenzene.

acetpyrogall; Lenigallol. Antipsoriatic. mp = 165°; soluble in EtOH, slightly soluble in H₂O.

5681 Safingol

15639-50-6



(2S,3S)-2-Amino-1,3-octadecanediol.

Antipsoriatic. *Sphinx Pharmaceutical Corp.*

5682 Safingol Hydrochloride

139755-79-6

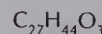


(2S,3S)-2-Amino-1,3-octadecanediol hydrochloride.

Antineoplastic (adjunct), antipsoriatic. *Sphinx Pharmaceutical Corp.*

5683 Tacalcitol

57333-96-7 9197

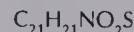


(+)-(5Z,7E,24R)-9,10-Secocholesta-5,7,10(19)-triene-1α,3β,24-triol.

Bonalfa; TV-02. Antipsoriatic. λ_m = 265 nm (EtOH).

5684 Tazarotene

118292-40-3 9249

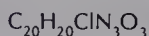


Ethyl 6-[(4,4-dimethylthiochroman-6-yl)-ethynyl]nicotinate.

Zorac; AGN-190168. Antipsoriatic and antiacne. White solid. *Allergan, Inc.*

5685 Tepoxalin

103475-41-8



5-(p-Chlorophenyl)-1-(p-methoxyphenyl)-N-methylpyrazole-3-propionohydroxamic acid.

ORF-20485; RWJ-20485. Antipsoriatic. *Ortho Pharmaceutical Corp.; R. W. Johnson.***5686 Ticolubant**

154413-61-3



(E)-6-[[[(2,6-Dichlorophenyl)thio]methyl]-3-(phenethyloxy)-2-pyridineacrylic acid.

SB-209247. Antipsoriatic. *SmithKline Beecham Pharmaceuticals.***Antipsychotics****5687 Acetophenazine**

2752-68-0

70

2751-68-0



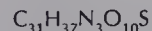
10-[3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl]-phenothiazin-2-yl methyl ketone.

Antipsychotic. A phenothiazine. *Schering Corp.***5688 Acetophenazine Maleate**

5714-00-1

70

227-202-3



10-[3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl]-phenothiazin-2-yl methyl ketone maleate (1:2).

acetophenazine dimaleate; Sch-6673; NSC-70600; Tindal. Antipsychotic. A phenothiazine. mp = 167-168.5°; LD₅₀ (rat orl) = 433 mg/kg. *Schering Corp.***5689 Alentemol**

112891-97-1

(+)-2-(Dipropylamino)-2,3-dihydrophenalen-5-ol. Antipsychotic. A dopamine agonist. *Upjohn Ltd.***5690 Alentemol Hydrobromide**

112892-81-6



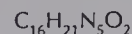
(+)-2-(Dipropylamino)-2,3-dihydrophenalen-5-ol hydrobromide.

U-68553B. Antipsychotic. A dopamine agonist. *Upjohn Ltd.***5691 Alizapride**

59338-93-1

246

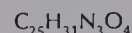
261-710-6



6-Methoxy-N-[[1-(2-propenyl)-2-pyrrolidinyl]methyl]-1H-benzotriazole-5-carboxamide.

Antipsychotic; antiemetic. A benzamide. mp = 139°; LD₅₀ (mus iv) = 92.7 mg/kg.**5692 Alpertine**

27076-46-6



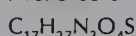
Ethyl-5,6-dimethoxy-3-[2-(4-phenyl-1-piperazinyl)-ethyl]indole-2-carboxylate.

Win-31665. Antipsychotic. *Sterling Health U.S.A.***5693 Amisulpride**

71675-85-9

508

275-831-7



4-Amino-N-[(1-ethyl-2-pyrrolidinyl)methyl]-5-(ethylsulfonyl)-o-anisamide.

aminosultopride; DAN-2163; Socian; Solian. Antipsychotic. A neuroleptic agent, analog of sulpiride, sultopiride, a benzamide. mp = 126-127°; LD₅₀ (mus iv) 56 mg/kg, (mus ip) 175 mg/kg, (mus sc) 1030 mg/ks.**5694 Azaperone**

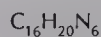
1649-18-9

931

216-715-8

4'-Fluoro-4-[4-(2-pyridinyl)-1-piperazinyl]butyrophenone. R-1929; Stresnil; Suicalm. Sedative (veterinary); tranquilizer (veterinary). mp = 73-75°. *Janssen Pharmaceutical, Ltd.***5695 Batelapine**

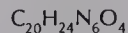
95634-82-5



2-Methyl-5-(4-methyl-1-piperazinyl)-11H-s-triazolo[1,5-c]benzodiazepine.

Antipsychotic. *Ciba-Geigy Corp.***5696 Batelapine Maleate**

120360-10-3



2-Methyl-5-(4-methyl-1-piperazinyl)-11H-s-triazolo[1,5-c]benzodiazepine maleate (1:1).

CGS-13429A. Antipsychotic. *Ciba-Geigy Corp.***5697 Benperidol**

2062-84-2

1077

218-172-2



1-[1-[4-(4-Fluorophenyl)-4-oxobutyl]-4-piperidinyl]-1,3-dihydro-2H-benzimidazol-2-one.

McN-JR-4584; R-4584; Anquil; Frenactyl; Frénactil; Glianimon. Antipsychotic. A butyrophenone. mp = 170-172°. *Janssen Pharmaceutical, Ltd.***5698 Benperidol Hydrochloride**

74298-73-0

1077

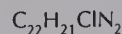
277-807-1



1-[1-[4-(4-Fluorophenyl)-4-oxobutyl]-4-piperidinyl]-1,3-dihydro-2H-benzimidazol-2-one monohydrochloride.

Antipsychotic. A butyrophenone. [hydrochloride hydrate]: mp = 134-142°. *Janssen Pharmaceutical, Ltd.***5699 Benzindopyrine Hydrochloride**

5585-71-7



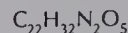
1-Benzyl-3-[2-(4-pyridyl)ethyl]indole monohydrochloride.

IN-461; NSC-17789. Antipsychotic.

5700 Benzquinamide

63-12-7

1154



2-(Acetoxy)-N,N-diethyl-1,3,4,6,7,11b-hexahydro-9,10-dimethoxy-2H-benzo[a]quinolizine-3-carboxamide.

BZQ; NSC-64375; P-2647; Emete-Con; Emeticon; Promecon; Quantril. Antipsychotic. A tricyclic. mp = 130-131.5°; LD₅₀ (rat orl) = 990 mg/kg, (mus ip) = 376 mg/kg. *Roerig Div., Pfizer Pharmaceuticals; Pfizer*

International.

5701 Biriperone

41510-23-0

 $C_{24}H_{26}FN_3O$

(±)-4'-Fluoro-4-(3,4,6,7,12,12a-hexahydropyrazino-[1',2':1,6]pyrido[3,4-b]indol-2(1H)-yl)butyrophenone. Centbutindole. Antipsychotic; comparable to trifluoperazine.

5702 Blonanserin

132810-10-7

 $C_{23}H_{30}FN_3$

2-(4-Ethyl-1-piperazinyl)-4-(p-fluorophenyl)-5,6,7,8,9,10-hexahydrocycloocta[b]pyridine. Antipsychotic agent.

5703 Brofloxine

21440-97-1

244-389-7

 $C_{10}H_{10}BrN_2$

6-Bromo-1,4-dihydro-4,4-dimethyl-2H-3,1-benzoxazin-2-one.

FI-6820. Antipsychotic. *Farmitalia, Societa Farmaceutici*.

5704 Bromerguride

83455-48-5

 $C_{20}H_{25}BrN_4O$

3-(2-Bromo-9,10-didehydro-6-methylergolin-8α-yl)-1,1-diethylurea.

A dopamine-antagonistic ergot derivative with antipsychotic properties.

5705 Bromperidol

10457-90-6

1466

233-943-3

 $C_{21}H_{23}BrFNO_2$

4-[4-(p-Bromophenyl)-4-hydroxypiperidino]-4'-fluorobutyrophenone.

R-11333; Azurene; Impromen; Tesoprel. Antipsychotic. A bromine analog of haloperidol. mp = 155-158°; λ_m = 245 mμ; pKa = 8.6-8.7; soluble in H₂O, 0.1M acids. *Cilag-Chemie*.

5706 Bromperidol Decanoate

75067-66-2

1466

278-065-1

 $C_{31}H_{41}BrFNO_3$

4-[4-(p-Bromophenyl)-4-hydroxypiperidino]-4'-fluorobutyrophenone decanoate.

R-46541. Antipsychotic. Bromine analog of haloperidol. *Janssen Pharmaceutical, Ltd.*

5707 Buramate

4663-83-6

1525

 $C_{10}H_{13}NO_3$

2-Hydroxyethyl benzylcarbamate.

AC-601; NSC-30223; glycol benzylcarbamate; 2-hydroxyethyl benzylcarbamate; mono(benzylcarbamate); Hyamate. Antipsychotic; anticonvulsant. mp = 40°. *Xttrium Labs., Inc.*

5708 Butaclamol

51152-91-1

 $C_{25}H_{31}NO$

(±)-3α-tert-Butyl-2,3,4,4aβ,8,9,13bα,14-octahydro-1H-benzo[6,7]-cyclohepta[1,2,3-de]pyrido[2,1-]isoquinolin-3-ol.

Antipsychotic.

5709 Butaclamol Hydrochloride

36504-94-6

 $C_{25}H_{32}ClNO$

(±)-3α-tert-Butyl-2,3,4,4aβ,8,9,13bα,14-octahydro-1H-benzo[6,7]-cyclohepta[1,2,3-de]pyrido[2,1-]isoquinolin-3-ol hydrochloride.

AY-23038. Antipsychotic.

5710 Butaperazine

653-03-2

1543

211-493-9

 $C_{24}H_{31}N_3OS$

1-[10-[3-(4-Methyl-1-piperazinyl)propyl]phenothiazin-2-yl]-1-butanone.

AHR-3000; Bayer-1362; Riker-595; butyrylperazine; Repoise; Tyrylen. Antipsychotic. A phenothiazine. bp_{0.05} = 270-280°. *3M Pharmaceuticals; Bayer AG*.

5711 Butaperazine Maleate

1063-55-4

1543

213-900-5

 $C_{32}H_{39}N_3O_8S$

1-[10-[3-(4-Methyl-1-piperazinyl)propyl]phenothiazin-2-yl]-1-butanone dimaleate (1:2).

Randolectil. Antipsychotic. A phenothiazine. *3M Pharmaceuticals; Bayer AG*.

5712 Carphenazine

2622-30-2

1910

220-072-9

 $C_{24}H_{31}N_3O_2S$

1-[10-[3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl]phenothiazin-2-yl]-1-propanone.

Proketazine. Antipsychotic. A phenothiazine. *American Home Products; Schering Corp.; Wyeth Labs*.

5713 Carphenazine Maleate

2975-34-0

1910

221-019-2

 $C_{32}H_{39}N_3O_{10}S$

1-[10-[3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl]phenothiazin-2-yl]-1-propanone dimaleate (1:2).

Wy-2445; NSC-71755. Antipsychotic. A phenothiazine. mp = 175-177°. *American Home Products; Schering Corp.; Wyeth Labs*.

5714 Carpipramine

5942-95-0

1911

227-700-0

 $C_{28}H_{38}N_4O$

1'-[3-(10,11-Dihydro-5H-dibenz[b,f]azepin-5-yl)propyl]-(1,4'-bipiperidine)-4'-carboxamide.

Bay-b-4343-b. Antipsychotic. A tricyclic. *Yoshitomi*.

5715 Carpipramine Dihydrochloride

7075-03-8

1911

230-372-1

 $C_{28}H_{41}Cl_2N_4O_2$

1'-[3-(10,11-Dihydro-5H-dibenz[b,f]azepin-5-yl)propyl]-(1,4'-bipiperidine)-4'-carboxamide dihydrochloride monohydrate.

PZ-1511; Defekton; Prazinil. Antipsychotic. A tricyclic. mp = 260°; sparingly soluble in H₂O; LD₅₀ (rat iv) = 37 mg/kg, (rat ip) 76 mg/kg; (rat orl) 1025 mg/kg. *Yoshitomi*.

5716 Chlorproethazine

84-01-5

2236

225-018-8

 $C_{19}H_{23}ClN_2S$

2-Chloro-10-(3-diethylaminopropyl)phenothiazine.

Muscle relaxant; antipsychotic. A phenothiazine. bp₁ =

225-240°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5717 Chlorproethazine Hydrochloride

84-01-5 2236 201-510-8

$C_{19}H_{24}Cl_2N_2S$

2-Chloro-10-(3-diethylaminopropyl)phenothiazine hydrochloride.

RP-4909; Neurilege. Muscle relaxant; antipsychotic. A phenothiazine. mp = 178°; sensitive to light; soluble in H_2O , EtOH, $CHCl_3$; practically insoluble in Me_2CO , Et_2O , C_6H_6 ; pH (1% aq) = 4.8. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5718 Chlorpromazine

50-53-3 2238 200-045-8

$C_{17}H_{19}ClN_2S$

2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine.

2601-A; HL-5746; RP-4560; SKF-2601-A; Aminazine; Ampliactil; Amplictil; Chlordazine; Chlorpromados; Elmarin; Esmind; Fenactil; Novomazina; Promactil; Promazil; Proma; Prozil; Plegomazin; Sanopron; Wintermin. Antiemetic; antipsychotic. A phenothiazine. Oily liquid; bp0.8 = 200-205°. *KV Pharmaceutical; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Labaz S.A.*

5719 Chlorpromazine Hydrochloride

69-09-0 2238 200-701-3

$C_{17}H_{20}Cl_2N_2S$

2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine monohydrochloride.

Chloractil; Chlorazin; Hebanil; Hibanil; Hibernall; Klorpromex; Largactil; Largaktyl; Marazine; Megaphen; Promacid; Propaphenin; Sonazine; Taroctyl; Thorazine; Torazina. Antiemetic; antipsychotic. A phenothiazine. Dec 179-180°; pH (5% aq) = 4.0-5.5; soluble in H_2O , EtOH; practically insoluble in organic solvents; LD₅₀ (rat orl) = 2225 mg/kg. *KV Pharmaceutical; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Labaz S.A.*

5720 Chlorprothixene

113-59-7 2241 204-032-8

$C_{18}H_{18}ClNS$

(Z)-2-Chloro-N,N-dimethylthioxanthene-8^{9,γ}-propylamine.

N-714; Ro-4-04033; Taractan; Truxal; Truxaletten; Tarasan. Antipsychotic. A thioxanthene. mp = 97-98°; insoluble in H_2O ; soluble in organic solvents; LD₅₀ (rat orl) = 380 mg/kg. *American Cyanamid; Hoffmann-LaRoche Inc.; Kissei.*

5721 Cinperene

14796-24-8

$C_{25}H_{28}N_2O_2$

2-(1-Cinnamyl-4-piperidyl)-2-phenylglutarimide.

R-5046. Antipsychotic. *Janssen Pharmaceutical, Ltd.*

5722 Cintriamide

5588-21-6

$C_{12}H_{15}NO_4$

3,4,5-Trimethoxycinnamamide.

Cintramide. Antipsychotic. *Lederle Labs.*

5723 Cinuperone

82117-51-9

$C_{23}H_{24}FN_3O$

4'-Fluoro-4-[4-(3-isoquinolyl)-1-piperazinyl]-butyrophenone.

Sigma antagonist, used as an antipsychotic.

5724 Clozapamine

5588-21-6 2427

$C_{28}H_{37}ClN_4O$

1'-[3-(3-Chloro-10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)propyl][1,4'-bipiperidine]-4'-carboxamide.

3-chlorocarpipramine; clozapramine; CCP. Antipsychotic. A tricyclic. *Yoshitomi.*

5725 Clozapamine Dihydrochloride Monohydrate

60789-62-0 2427

$C_{28}H_{40}Cl_2N_4O_2$

1'-[3-(3-Chloro-10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)propyl][1,4'-bipiperidine]-4'-carboxamide dihydrochloride monohydrate.

Y-4153; Clofekton. Antipsychotic. A tricyclic. mp = 267°; soluble in H_2O , AcOH; practically insoluble in Et_2O , Me_2CO ; LD₅₀ (mus ip) = 160 mg/kg, (rat ip) = 125 mg/kg, (mus orl) = 2550 mg/kg, (rat orl) = 6800 mg/kg. *Yoshitomi.*

5726 Clomacran

5310-55-4 2441

$C_{18}H_{21}ClN_2$

2-Chloro-9-[3-(dimethylamino)propyl]acridan phosphate (1:1).

SK&F-14336D. Antipsychotic. A tricyclic. *SmithKline Beecham Pharmaceuticals.*

5727 Clomacran Phosphate

22199-46-8 2441

$C_{18}H_{24}ClN_2O_4P$

2-Chloro-9-[3-(dimethylamino)propyl]acridan.

SK&F-14336; Devryl; Olaxin. Antipsychotic. A tricyclic. LD₅₀ (mus orl) = 222 mg/kg, (rat orl) = 350 mg/kg. *SmithKline Beecham Pharmaceuticals.*

5728 Clopenthixol

982-24-1 2455 213-566-0

$C_{22}H_{25}ClN_2OS$

4-[3-(2-Chlorothioxanthene-9-ylidene)propyl]-1-piperazineethanol.

NSC-64087; α-clopenthixol [cis(Z)-form]; zuclopenthixol [cis(Z)-form]. Antipsychotic. A thioxanthene neuroleptic. Colorless syrup; sparingly soluble in Et_2O ; readily soluble in MeOH. *Kefalas A/S.*

5729 Clopenthixol Dihydrochloride

633-59-0 2455 211-194-3

$C_{22}H_{27}Cl_2N_2OS$

4-[3-(2-Chlorothioxanthene-9-ylidene)propyl]-1-piperazineethanol dihydrochloride.

AY-62021; N-746; Ciatyl; Cisordinol [cis(Z)-form]; Clopixol [cis(Z)-form]; Sordenac; Sordinol. Antipsychotic. A thioxanthene neuroleptic. mp = 250-260°; mp (cis(Z)-form) = 250-260°; soluble in H_2O , sparingly soluble in EtOH; LD₅₀ (mus iv) = 111 mg/kg. *Kefalas A/S.*

5730 Clopimozide

53179-12-7



1-[1-[4,4-Bis(p-fluorophenyl)butyl]-4-piperidyl]-5-chloro-2-benzimidazolinone.

R-29764. Antipsychotic. *Janssen Pharmaceutical, Ltd.***5731 Clopipazan**

60085-78-1



4-(2-Chlorozanthen-9-ylidene)-1-methylpiperidine.

Antipsychotic. *SmithKline Beecham Pharmaceuticals.***5732 Clopipazan Mesylate**

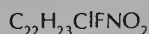
60086-22-8



4-(2-Chlorozanthen-9-ylidene)-1-methylpiperidine methanesulfonate.

SK&F-69634. Antipsychotic. *SmithKline Beecham Pharmaceuticals.***5733 Cloroperone**

61764-61-2

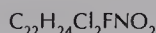


4-[4-(p-Chlorobenzoyl)piperidino]-4'-fluorobutyrophenone.

Antipsychotic.

5734 Cloroperone Hydrochloride

55695-56-2

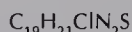


4-[4-(p-Chlorobenzoyl)piperidino]-4'-fluorobutyrophenone hydrochloride.

AHR-6134. Antipsychotic.

5735 Clorotepine

13448-22-1



1-(8-Chloro-10,11-dihydrodibenzo[b,f]thiepin-10-yl)-4-methylpiperazine.

Antipsychotic agent.

5736 Clospirazine

24527-27-3

2474

246-298-8



8-[3-(2-Chloro-10H-phenothiazin-10-yl)propyl]-1-thia-4,8-diazaspiro[4.5]decan-3-one.

spiclomazine. Antipsychotic. A phenothiazine. mp = 154-156°. *Yoshitomi.***5737 Clospirazine Hydrochloride**

27007-85-8

2474



8-[3-(2-Chloro-10H-phenothiazin-10-yl)propyl]-1-thia-4,8-diazaspiro[4.5]decan-3-one hydrochloride.

APY-606; Diceplon; Disperon. Antipsychotic. A phenothiazine. mp = 262-264°; sparingly soluble in MeOH, H₂O; slightly soluble in CHCl₃; LD₅₀ (rat ip) = 2950 mg/kg, (rat sc) > 5490 mg/kg, (rat orl) = 4000 mg/kg. *Yoshitomi.***5738 Clothiapine**

2058-52-8

2476

218-162-8



2-Chloro-11-(4-methyl-1-piperazinyl)dibenzo[b,f][1,4]thiazepine.

HF-2159; Entumine; Etumine. Antipsychotic. A tricyclic. mp = 118-120°. *Sandoz Pharmaceuticals Corp.***5739 Clothixamide**

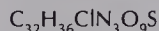
4177-58-6



4-[3-(2-Chlorothioxanthen-9-ylidene)propyl]-N-methyl-1-piperazinepropionamide.

Antipsychotic. *Pfizer Inc.***5740 Clothixamide Maleate**

4434-20-2



4-[3-(2-Chlorothioxanthen-9-ylidene)propyl]-N-methyl-1-piperazinepropionamide maleate.

P-4385B; NSC-78714. Antipsychotic. *Pfizer Inc.***5741 Cloxypendyl**

15311-77-0



4-[3-(3-Chloro-10H-pyrido[3,2-b][1,4]benzothiazin-10-yl)propyl]-1-piperazineethanol.

Antipsychotic agent.

5742 Clozapine

5786-21-0

2484

227-313-7



8-Chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e][1,4]diazepine.

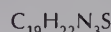
HF-1854; Clozaril; Leponex. Antipsychotic. A tricyclic.

mp = 183-184°; λ_m 215,230, 261,297 nm (ε 27400, 25800, 16800, 10500 MeOH); LD₅₀ (rat iv) = 58 mg/kg, (rat orl) = 260 mg/kg. *Sandoz Pharmaceuticals Corp.***5743 Cyamemazine**

3546-03-0

2753

222-594-2

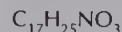


10-[3-Dimethylamino)-2-methylpropyl]phenothiazine-1-carbonitrile.

RP-7204; TH-2602; cyamepromazine; Kyamepromazine; Ciamatil; Tercian. Antipsychotic. A phenothiazine.

Yellow oil: bp_{0.2-0.5} = 205-220°; yellow powder: mp = 89-96°; practically insoluble in H₂O; soluble in EtOH and organic solvents. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***5744 Cyclophenazine**

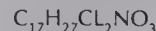
17692-26-1



10-[3-(4-Cyclopropyl-1-piperazinyl)propyl]-2-(trifluoromethyl)phenothiazine.

Antipsychotic. *Eli Lilly & Co.***5745 Cyclophenazine Hydrochloride**

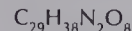
15686-74-5



10-[3-(4-Cyclopropyl-1-piperazinyl)propyl]-2-(trifluoromethyl)phenothiazine dihydrochloride.

Antipsychotic. *Eli Lilly & Co.***5746 Dextromoramide Tartrate**

2922-44-3

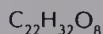


(±)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)-butyl]morpholine bitartrate.

Neurotropic. Used as an antipsychotic.

5747 Didrovaltrate

18296-45-2



1,4a,5,7a-Tetrahydro-16,-
dihydroxyspiro[cyclopenta[c]pyran-7(6H)-,2'-oxirane]-4-
methanol 6-acetate 1,4-diisovalerate.
Sedative, antispasmodic.

5748 Dixyrazine

2470-73-7 3450 219-591-3



2-[2-[4-[2-Methyl-3-(10H-phenothiazin-10-yl)propyl]-1-
piperazinyl]ethoxy]ethanol.
UCB-3412; Esocalm; Esucos. Antipsychotic. A
phenothiazine.

5749 Droperidol

548-73-2 3505 208-957-8



1-[1-[3-(p-Fluorobenzoyl)propyl]-1,2,3,6-tetrahydro-4-
pyridyl]-2-benzimidazolinone.
McN-JR-4749; R-4749; dehydrobenzperidol; Dridol;
Droleptan; Inapsine; component of: Innovar, Thalamonal.
Antipsychotic; Tranquilizer (veterinary). A
Butyrophenone. mp = 145-146.5°; λ_m = 245, 280 nm (ϵ
15600, 7500); soluble in CHCl_3 and DMF; barely soluble
in C_6H_6 , EtOH, H_2O ; pKa = 7.64; heat and light sensitive;
LD₅₀ (mus sc) 125 mg/kg, (mus ip) = 43 mg/kg. Astra
USA, Inc.; DuPont Merck Pharmaceutical Co.; Janssen
Pharmaceutical, Ltd.

5750 Etazolate

51022-77-6



Ethyl 1-ethyl-4-(isopropylidenehydrazino)-1H-pyrazolo-
[3,4-b]pyridine-5-carboxylate.
Antipsychotic. Bristol-Myers Squibb Co.

5751 Etazolate Hydrochloride

35838-58-5



Ethyl 1-ethyl-4-(isopropylidenehydrazino)-1H-pyrazolo-
[3,4-b]pyridine-5-carboxylate monohydrochloride.
SQ-20009. Antipsychotic. Bristol-Myers Squibb Co.

5752 Fananserine

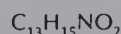
127625-29-0



2-[3-[4-(p-Fluorophenyl)-1-piperazinyl]propyl]-2H-
naphtho-[1,8-cd]-isothiazole 1,1-dioxide.
RP-62203. Rhône-Poulenc Rorer Pharmaceuticals Inc.

5753 Fenimide

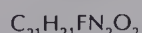
60-45-7



3-Ethyl-2-methyl-2-phenylsuccinimide.
CI-419; PM-1807. Antipsychotic. Parke-Davis.

5754 Fluanisone

1480-19-9 4150 216-038-8



4'-Fluoro-4-[4(o-methoxyphenyl)-1-piperazinyl]-
butyrophenone.

MD-2028; R-2028; R2167; haloanisone; Sedalande.
Antipsychotic. A Butyrophenone. mp = 67-68°; insoluble
in H_2O , soluble in organic solvents; LD₅₀ (mus ip) = 200
mg/kg.

5755 Flucindole

40594-09-0

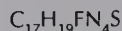


3-(Dimethylamino)-6,8-difluoro-1,2,3,4-tetra-
hydrocarbazole.

Win-35150. Antipsychotic. Sterling Winthrop, Inc.

5756 Flumezapine

61325-80-2

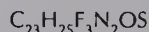


7-Fluoro-2-methyl-4-(4-methyl-1-piperazinyl)-10H-
thieno[2,3-b][1,5]benzodiazepine.

LY-120363. Antipsychotic. Eli Lilly & Co.

5757 Flupentixol

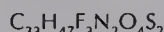
2709-56-0 4224 220-304-9



2-Trifluoromethyl-9-[3-[4-(2-hydroxyethyl)piperazin-1-
yl]propylidene]thioxanthene.
N-7009; LC-44; flupentixol. Antipsychotic. A
neuroleptic agent related structurally to thiothixene, a
thioxanthene. Kefalas A/S; SmithKline Beecham
Pharmaceuticals.

5758 Flupentixol Decanoate

30909-51-4 4224 250-385-6



2-Trifluoromethyl-9-[3-[4-(2-hydroxyethyl)piperazin-1-
yl]propylidene]thioxanthene decanoate.
LU-5-110; Depixol; Fluanxol, Dépot; Viscoleo.
Antipsychotic. A neuroleptic agent related structurally to
thiothixene, a thioxanthene. Kefalas A/S; SmithKline
Beecham Pharmaceuticals.

5759 Flupentixol Dihydrochloride

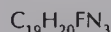
2413-38-9 4224 219-321-4



2-Trifluoromethyl-9-[3-[4-(2-hydroxyethyl)piperazin-1-
yl]propylidene]thioxanthene dihydrochloride.
Emergil; Fluanxol; Siplarol; Metamin. Antipsychotic. A
neuroleptic agent related structurally to thiothixene, a
thioxanthene. Kefalas A/S; SmithKline Beecham
Pharmaceuticals.

5760 Fluperlapine

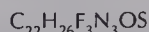
67121-76-0



3-Fluoro-6-(4-methyl-1-piperazinyl)morphanthridine.
Antipsychotic.

5761 Fluphenazine

69-23-8 4226 200-702-9



4-[3-[2-(Trifluoromethyl)-10H-phenothiazin-10-yl]-
propyl]-1-piperazineethanol.
S-94; SQ-4918. Antipsychotic. A phenothiazine. Viscous
oil; b_{0.5} = 268274°; bp_{0.3} = 250-252°. Bristol-Myers
Squibb Co.; Olin Research Ctr.; SmithKline Beecham
Pharmaceuticals.

5762 Fluphenazine Decanoate

5002-47-1 4226 225-672-4



4-[3-[2-(Trifluoromethyl)-10H-phenothiazin-10-yl]-propyl]-1-piperazineethanol decanoate.
SQ-10733; QD-10733; Dapotum D; Lyogen; Depot; Modecate; Prolixin Decanoate; Squaline. Antipsychotic. A phenothiazine. Viscous liquid; mp = 30-32°; insoluble in H₂O; very soluble in organic solvents. *SmithKline Beecham Pharmaceuticals*.

5763 Fluphenazine Enanthate

2746-81-8 4226 220-385-0



2-[4-[3-[2-(Trifluoromethyl)phenothiazin-10-yl]propyl]-1-piperazinyl]ethyl heptanoate.
SQ-16144; Moditen Enanthate; Prolixin Enanthate. Antipsychotic. A phenothiazine. Viscous liquid or oily solid. *Bristol-Myers Squibb Co.; Pfizer Inc.; SmithKline Beecham Pharmaceuticals*.

5764 Fluphenazine Hydrochloride

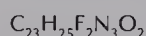
146-56-5 4226 205-674-1



4-[3-[2-(Trifluoromethyl)-10H-phenothiazin-10-yl]-propyl]-1-piperazineethanol dihydrochloride.
Anatensol; Dapotum; Lyogen; Moditen; Omca; Pacinol; Permitil; Prolixin; Squalone; Tensofin; Valamina. Antipsychotic. A phenothiazine. mp = 235-237°. *Bristol-Myers Squibb Co.; Schering Corp.; SmithKline Beecham Pharmaceuticals*.

5765 Fluspiroperone

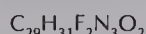
54965-22-9



8-[3-(p-Fluorobenzoyl)propyl]-1-(p-fluorophenyl)-1,3,8-triazaspiro[4.5]decan-4-one.
R-28930. Antipsychotic. *Janssen Pharmaceutical, Ltd.*

5766 Fluspirilene

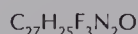
1841-19-6 4241 217-418-6



8-[4,4-Bis(p-fluorophenyl)butyl]-1-phenyl-1,3,8-triazaspiro[4.5]decan-4-one.
McN-JR-6218; R-6218; Imap; Redeptin. Antipsychotic. mp = 187.5-190°; soluble in H₂O (0.015 mg/ml); LD₅₀ (rat im) 146 mg/kg. *Janssen Pharmaceutical, Ltd.*

5767 Flutroline

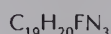
70801-02-4



(±)-8-Fluoro-α,5-bis(p-fluorophenyl)-1,3,4,5-tetrahydro-2H-pyrido[4,3-b]indole-2-butanol.
CP-36584. Antipsychotic. *Pfizer Inc.*

5768 Gevotroline

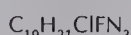
107266-06-8



8-Fluoro-2,3,4,5-tetrahydro-2-[3-(3-pyridyl)propyl]-1H-pyrido[4,3-b]indole.
Antipsychotic. *Wyeth-Ayerst Labs.*

5769 Gevotroline Hydrochloride

112243-58-0

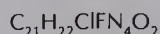


8-Fluoro-2,3,4,5-tetrahydro-2-[3-(3-pyridyl)propyl]-1H-

pyrido[4,3-b]indole monohydrochloride.
WY-47384. Antipsychotic. *Wyeth-Ayerst Labs.*

5770 Halopemide

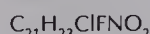
59831-65-1



N-[2-[4-(Chloro-2-oxo-1-benzimidazolyl)-piperidino]ethyl]-p-fluorobenzenamide.
R-34301. Antipsychotic. *Janssen Pharmaceutical, Ltd.*

5771 Haloperidol

52-86-8 4629 200-155-6



4-[4-(p-Chlorophenyl)-4-hydroxypiperidino]-4'-fluorobutyrophenone.
R-1625; McN-JR-1625; Aloperidin; Bioperidol; Brotopon; Dozic; Einalon S; Eukystol; Haldol; Halosten; Keselan; Linton; Peluces; Serenace; Serenase; Sigaperidol. Antidyskinetic (in Gilles de la Tourette's disease); antipsychotic. A Butyrophenone. mp = 148-150°; λ_m = 247, 221 nm (ε 13300, 15000 HCl/MeOH); soluble in H₂O 1.4 mg/100 ml, more soluble in organic solvents; LD₅₀ (rat orl) = 165 mg/kg, (mus ip) = 60 mg/kg. *Janssen Pharmaceutical, Belgium*.

5772 Haloperidol Decanoate

74050-97-8 4629 277-679-7



4-(4-Chlorophenyl)-1-[4-(4-fluorophenyl)-4-oxobutyl]-4-piperidyl decanoate.
KD-16; R-13762; Haldol Decanoate; Halomonth; Neoperidole. Antidyskinetic (in Gilles de la Tourette's disease); antipsychotic. A Butyrophenone. *Janssen Pharmaceutical, Belgium*.

5773 Iloperidone

133454-47-4



4'-[3-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)piperidino]-propoxy]-3'-methoxyacetophenone.
HP-873. Antipsychotic. *Hoechst-Roussel Pharmaceuticals Inc.; Ilon Las.*

5774 Imiclopazine

7224-08-0 4945



1-[2-[4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazinyl]ethyl]-3-methyl-2-imidazolidinone chlorimpiphenine. Antipsychotic. A phenothiazine. bp_{0.01} = 260°. *Astra Sweden*.

5775 Imiclopazine Dihydrochloride

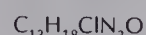
7414-95-1 4945



1-[2-[4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazinyl]ethyl]-3-methyl-2-imidazolidinone dihydrochloride.
P-4241; Ponsital. Antipsychotic. A phenothiazine. *Astra Sweden*.

5776 Imidoline

7303-78-8



1-(m-Chlorophenyl)-3-[2-(dimethylamino)ethyl]-2-imidazolidinone.

Antipsychotic. *Lederle Labs.***5777 Imidoline Hydrochloride**

7303-78-8



1-(m-Chlorophenyl)-3-[2-(dimethylamino)ethyl]-2-imidazolidinone monohydrochloride.

CL-48156. Antipsychotic. *Lederle Labs.***5778 Lenperone**

24678-13-5

246-399-7



4'-Fluoro-4-(p-fluorobenzoyl)piperidino]butyrophenone.

AHR-2277 [as hydrochloride]. Antipsychotic. *Robins, A.H. Co.***5779 Lithium Carbonate**

554-13-2

5552

209-062-5



Dilithium carbonate.

Camcolit; Carbolith; Carbolithium; Ceglution; Eskalith; Hypnorex; Limas; Liskonum; Lithane; Lithicarb; Lithobid; Lithonate; Lithotabs; Phasal; Plenur; Priadel; Quilonorm-retard; Quilonum-retard; Téralithe. Antimanic. mp = 720°; d = 2.11; soluble in H₂O (12-25 mg/ml); practically insoluble in EtOH; LD₅₀ (rat orl) = 0.71 g/kg. *Ciba-Geigy Corp.; Miles; SmithKline Beecham Pharmaceuticals; Solvay Pharmaceuticals.*

5780 Lithium Citrate

6080-58-6

5555



Trilithium citrate tetrahydrate.

Cibalith-S; Litarex; Lithonate S. Antimanic; antidepressant. Deliquesces on exposure to moist air; loses H₂O at 105°; soluble in H₂O; pH 8. *Ciba-Geigy Corp.*

5781 Lithium Hydroxide

1310-66-3

5560



Lithium hydroxide monohydrate.

Antimanic. d₄²⁰ = 1.51; soluble in H₂O; slightly soluble in EtOH; strongly alkaline, caustic.

5782 Lometraline

39952-65-0



8-Chloro-1,2,3,4-tetrahydro-5-methoxy-N,N-dimethyl-1-naphthylamine.

Antipsychotic; antiparkinsonian. *Pfizer Inc.***5783 Lometraline Hydrochloride**

34552-78-8



8-Chloro-1,2,3,4-tetrahydro-5-methoxy-N,N-dimethyl-1-naphthylamine hydrochloride.

CP-14368-1. Antipsychotic; antiparkinsonian. *Pfizer Inc.***5784 Lorapride**

68677-06-5

272-057-1



5-Chloro-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2-methoxysulfanylamide.

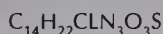
Sulpiride derivative. Antipsychotic; antidepressant;

antiemetic.

5785 Lorapride

68677-06-5

272-057-1



5-Chloro-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2-methoxysulfanylamide.

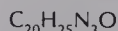
Sulpiride derivative. Antipsychotic; antidepressant; antiemetic.

5786 Lysergide

50-37-3

5665

200-033-2



N,N-Diethyllysergamide.

delysid; D-lysergic acid diethylamide; Ergine; LSA; LSD; LSD-25; Lysergsaure diethylamid; Lysergamide; Lysergide; Lysergic acid amide; Lysergic acid diethylamide. Used in biochemical research as an antagonist to serotonin. Has been used experimentally as an adjunct in the study and treatment of mental disorders.

A controlled substance (hallucinogen). mp = 80-85°; [α]_D²⁰ = +17° (c = 0.5 in C₅H₅N); λ_m (in EtOH) = 311 nm; LD₅₀ (rat iv) = 16.5 mg/kg. *Eli Lilly & Co.; Farmitalia, Società Farmaceutici.*

5787 Mazindol

22232-71-9

5801

244-857-0



5-(p-Chlorophenyl)-2,5-dihydro-3H-imidazo[2,1-a]isoindol-5-ol.

SaH-42548; Magrilon; Mazanor; Mazildene; Sanorex; Terenac; Teronac. Anorexic; CNS stimulant. A federally controlled substance. mp = 215-217° (also reported as 198-199°); λ_m = 223,268.5, 272 (ε 19000, 4400, 4400 in 95% EtOH); soluble in EtOH; insoluble in H₂O. *American Home Products; Sandoz Pharmaceuticals Corp.; Wyeth-Ayerst Labs.*

5788 Melperone

3757-80-2

5870



4'-Fluoro-4-(-methylpiperidino)butyrophenone.

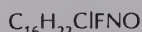
FG-5111; methylperone; flubuperone. Antipsychotic. A neuroleptic agent related structurally to haloperidol, a butyrophenone antipsychotic. bp_{0.1} = 120-125°. *A/S Ferrosan.*

5789 Melperone hydrochloride

1622-79-3

5870

216-599-9



4'-Fluoro-4-(-methylpiperidino)butyrophenone monohydrochloride.

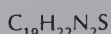
FG-5111; Buronil; Eunerpan. Antipsychotic. A neuroleptic agent related structurally to haloperidol, a butyrophenone antipsychotic. mp = 209-211°; LD₅₀ (rat orl) 330 mg/kg, (rat iv) = 35 mg/kg. *A/S Ferrosan.*

5790 Mepazine

60-89-9

5892

200-490-8



10-[1-(Methyl-3-piperidyl)methyl]phenothiazine.

mesapin; pecazine; MPMP; P-391; III-2318; Paxital; Lacumin; Pacatal; Nothiazine; Pacatol. Antipsychotic. A phenothiazine. bp₄ = 230-235°. *Promonta.*

5791 Mepazine Acetate

24360-97-2 5892 246-207-1

 $C_{21}H_{26}N_2S$

10-[1-(Methyl-3-piperidyl)methyl]phenothiazine acetate (1:1).

Pecazine. Antipsychotic. Tranquilizer (veterinary). A phenothiazine. *Promonta*.**5792 Mesoridazine**

5588-33-0 5970

 $C_{21}H_{26}N_2OS_2$

10-[2-(1-Methyl-2-piperidyl)ethyl]-2-methylsulfinyl-phenothiazine.

TPS-23; thioridazine-2-sulfoxide. Antipsychotic. A dopamine receptor blocking agent, a phenothiazine antipsychotic; analog of thioridazine. Oily product. *Sandoz Pharmaceuticals Corp.***5793 Mesoridazine Besylate**

32672-69-8 5970

 $C_{27}H_{32}N_2O_4S_3$

10-[2-(1-Methyl-2-piperidyl)ethyl]-2-methylsulfinyl-phenothiazine monobenzenesulfonate.

mesoridazine bezenesulfonate; NC-123; Lidanar; Lidanil; Serentil. Antipsychotic. A dopamine receptor blocking agent, a phenothiazine antipsychotic; analog of thioridazine. LD₅₀ (mus iv) = 33 mg/kg, (mus orl) = 360 mg/kg. *Sandoz Pharmaceuticals Corp.***5794 Methoxypromazine**

61-01-8 6080 200-497-6

 $C_{18}H_{22}N_2OS$

2-Methoxy-N,N-dimethyl-10H-phenothiazine-10-propanamine.

methopromazine; RP-4632. Antipsychotic. A phenothiazine. mp = 44-48°.

5795 Methoxypromazine Maleate

3403-42-7 6080 222-277-9

 $C_{22}H_{26}N_2O_5S$

2-Methoxy-N,N-dimethyl-10H-phenothiazine-10-propanamine maleate (1:1).

Mopazine; Tentone; Vetomazine. Antipsychotic. A phenothiazine. mp = 141-145°; somewhat soluble in H₂O; more soluble in MeOH, CHCl₃, dimethylformaldehyde; less soluble in EtOH, C₆H₆, Et₂O.**5796 Metiapine**

5800-19-1

 $C_{19}H_{21}N_3S$

2-Methyl-11-(4-methyl-1-piperazinyl)dibenzo-[b,f][1,4]thiazepine.

Antipsychotic. *Marion Merrell Dow Inc.***5797 Metofenazate**

388-51-2 6228

 $C_{31}H_{36}ClN_3O_5S$

2-[4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazinyl]ethyl 3,4,5-trimethoxybenzoate.

methophenazine; perphenazine 3,4,5-trimethoxybenzoate. Antipsychotic. A phenothiazine.

5798 Metofenazate Fumarate

522-23-6 6228

 $C_{39}H_{44}ClN_3O_{13}S$

2-[4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-

piperazinyl]ethyl 3,4,5-trimethoxybenzoate difumarate. Frenolon. Antipsychotic. A phenothiazine. mp = 107-107°.

5799 Milenperone

59831-64-0 261-947-5

 $C_{22}H_{23}ClFN_3O_2$

5-Chloro-1-[3-[4-(p-fluorobenzoyl)piperidino]propyl]-2-benzimidazolinone.

R-34009. Antipsychotic. *Janssen Pharmaceutical Inc.***5800 Milipertine**

24360-55-2

 $C_{24}H_{31}N_3O_3$

5,6-Dimethoxy-3-[2-[4-(o-methoxyphenyl)-1-piperazinyl]ethyl]-2-methylindole.

Win-18935. Antipsychotic. *Sterling Research Labs.***5801 Molindone**

7416-34-4 6315

 $C_{16}H_{24}N_2O_2$

3-Ethyl-6,7-dihydro-2-methyl-5-(morpholinomethyl)indol-4(5H)-one.

Antipsychotic. mp = 180-181°. *Endo*.**5802 Molindone Hydrochloride**

15622-65-8 6315

 $C_{16}H_{25}ClN_2O_2$

3-Ethyl-6,7-dihydro-2-methyl-5-(morpholinomethyl)indol-4(5H)-one monohydrochloride.

EN-1733A; Lindone; Moban. Antipsychotic. LD₅₀ (rat orl) = 261 mg/kg. *Abbott Labs.; DuPont Merck Pharmaceutical Co.; Endo*.**5803 Moperone**

1050-79-9 6343 213-887-6

 $C_{22}H_{26}FNO_2$

4'-Fluoro-4-(4-hydroxy-4-p-tolylpiperidino)-butyrophenone.

R-1658. Antipsychotic. A butyrophenone. mp = 118-119.5°; λ_m = 246.5 (ε 12200). *Janssen Pharmaceutical Inc.***5804 Moperone Hydrochloride**

3871-82-7 6343 223-392-7

 $C_{22}H_{27}ClFNO_2$

4'-Fluoro-4-(4-hydroxy-4-p-tolylpiperidino)-butyrophenone monohydrochloride.

Luvatren. Antipsychotic. A butyrophenone. mp = 216-218°. *Janssen Pharmaceutical Inc.***5805 Mosapramine**

89419-57-7 6365

 $C_{28}H_{35}ClN_4O$

(±)-1'-[3-(3-Chloro-10,11-dihydro-5H-dibenz[b,f]azepine-5-yl)propyl]hexahydrospiro[imidazo[1,2-a]pyridine-3(2H),4'-piperidin]-2-one.

clospipramine. Antipsychotic. A dopamine receptor antagonist with adrenoceptor blocking activity, metabolite of clozapamine, a tricyclic antipsychotic. *Yoshitomi*.**5806 Mosapramine Dihydrochloride**

98043-60-8 6365

 $C_{28}H_{37}Cl_2N_4O$

(±)-1'-[3-(3-Chloro-10,11-dihydro-5H-dibenz[b,f]azepine-5-yl)propyl]hexahydrospiro[imidazo[1,2-a]pyridine-

3(2H),4'-piperidin]-2-one dihydrochloride.

Y-516; Cremin. Antipsychotic. A dopamine receptor antagonist with adrenoceptor blocking activity, metabolite of clocapramine, a tricyclic antipsychotic. mp = 271°; LD₅₀ (mus orl) = 1008 mg/kg, (mus ip) = 74 mg/kg, (mus sc) = 1147 mg/kg. *Yoshitomi*.

5807 Naranol

22292-91-7

C₁₈H₂₁NO₂

8,9,10,11,11a,12-Hexahydro-8,10-dimethy-7aH-naphthol[1',2':5:6]pyranol[3,2-c]pyridin-7a-ol.

Antipsychotic. *Parke-Davis*.

5808 Naranol Hydrochloride

34256-91-2

C₁₈H₂₂ClNO₂

8,9,10,11,11a,12-Hexahydro-8,10-dimethy-7aH-naphthol[1',2':5:6]pyranol[3,2-c]pyridin-7a-ol hydrochloride.

W-5494A. Antipsychotic. *Parke-Davis*.

5809 Neflumozide

86636-93-3

C₂₂H₂₃FN₄O₂

1-[1-[3-(6-Fluoro-1,2-benzisoxazole-3-yl)propyl]-4-piperidyl]-2-benzimidazolinone.

Antipsychotic. *Hoechst-Roussel Pharmaceuticals Inc.*

5810 Neflumozide Hydrochloride

86015-38-5

C₂₂H₂₄ClFN₄O₂

1-[1-[3-(6-Fluoro-1,2-benzisoxazole-3-yl)propyl]-4-piperidyl]-2-benzimidazolinone monohydrochloride.

HRP-913; P79-3913. Antipsychotic. *Hoechst-Roussel Pharmaceuticals Inc.*

5811 Nemonapride

93664-94-9

6533

C₂₁H₂₆ClN₃O₂

cis-5-Chloro-2-methoxy-4-(methylamino)-N-[2-methyl-2-(phenylmethyl)-3-pyrrolidinyl]benzamide.

emonapride; YM-09151-2; Emilace. Antipsychotic. A selective dopamine D₂ receptor antagonist; a bezamide antipsychotic. mp = 152-153°. *Yamanouchi U.S.A. Inc.*

5812 Nerisopam

102771-12-0

C₁₈H₁₉N₃O₂

1-(4-Aminophenyl)-4-methyl-7,8-dimethoxy-5H-2,3-benzodiazepine.

GYKI-52322. A psychoactive 5H-2,3-benzodiazepine with unique neuroleptic properties. Anxiolytic; antipsychotic.

5813 Ocaperidone

129029-23-8

C₂₄H₂₅FN₄O₂

3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)piperidino]ethyl]-2,9-dimethyl-4H-pyrido[1,2-a]pyridin-4-one.

Antipsychotic. A benzisoxazole.

5814 Olanzapine

132539-06-1

6959

C₁₇H₂₀N₄S

2-Methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-

b][1,5]benzodiazepine.

LY-170053; Lanzac. Antipsychotic. A serotonin and dopamine receptor antagonist with anticholinergic activity; a tricyclic antipsychotic. mp = 195°. *Eli Lilly & Co.*

5815 Opipramol

315-72-0

6985

206-254-0

C₂₃H₂₉N₃O

4-[3-(5H-Dibenz[b,f]azepin-5-yl)propyl]-1-piperazine-ethanol.

Antidepressant; antipsychotic. mp = 100-101°. *Ciba-Geigy Corp.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5816 Opipramol Hydrochloride

909-39-7

6985

213-000-2

C₂₃H₃₁Cl₂N₃O

4-[3-(5H-Dibenz[b,f]azepin-5-yl)propyl]-1-piperazine-ethanol dihydrochloride.

G-33040; Dinsidon; Ensidon; Insidon; Nisidana. Antidepressant; antipsychotic. mp = 229-230°; soluble in H₂O, EtOH; sparingly soluble in Me₂CO. *Ciba-Geigy Corp.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5817 Oxaflumazine

16498-21-8

7040

C₂₆H₃₂F₂N₃O₂S

10-[3-[4-(2-m-Dioxanylethyl)-1-piperazinyl]propyl]-2-(trifluoromethyl)phenothiazine.

Antipsychotic. A phenothiazine. *S.I.F.A.*

5818 Oxaflumazine Disuccinate

7450-97-7

7040

231-219-1

C₃₄H₄₄F₂N₃O₁₀S

10-[3-[4-(2-m-Dioxanylethyl)-1-piperazinyl]propyl]-2-(trifluoromethyl)phenothiazine disuccinate.

SD-270-31; Oxaflumine. Antipsychotic. A phenothiazine. mp = 136-138°; λ_m (MeOH) = 259, 310 nm (log ε 4.53, 3.58); LD₅₀ (mus iv) = 94 mg/kg, (mus ip) = 175 mg/kg, (mus orl) = 919 mg/kg. *S.I.F.A.*

5819 Oxiperomide

5322-53-2

C₂₀H₂₃N₃O₃

1-[1-(2-Phenoxyethyl)-4-piperidyl]-2-benzimidazolinone.

R-4714. Antipsychotic. *Janssen Pharmaceutical, Ltd.*

5820 Panamesine

139225-22-2

C₂₃H₂₆N₂O₆

(5S)-(-)-[4-Hydroxy-4-(3,4-benzodioxol-5-yl)piperidin-1-ylmethyl]-3-(4-methoxyphenyl)-oxazolidin-2-one.

EMD-57445. A high affinity sigma ligand with the profile of an atypical antipsychotic.

5821 Penfluridol

26864-56-2

7213

248-074-5

C₂₈H₂₇ClF₅NO

1-[4,4-Bis(p-fluorophenyl)butyl]-4-(4-chloro-α,α,α-trifluoro-m-tolyl)-4-piperidinol.

McN-JR-16341; R-16341; Semap. Antipsychotic. mp = 105-107°; slightly soluble in H₂O; LD₅₀ (rat orl) = 87 mg/kg. *Janssen Pharmaceutical, Belgium; McNeil Pharmaceutical.*

5822 Pentiapine Maleate

81382-52-7

 $C_{19}H_{21}N_5O_4S$

5-(4-Methyl-1-piperazinyl)imidazo[2,1-b][1,3,5]-benzothiadiazepine maleate (1:1).

CGS-10746B. Antipsychotic. *Ciba-Geigy Corp.***5823 Perazine**

84-97-9

7294

201-578-9

 $C_{20}H_{27}N_3S$

10-[3-(4-Methyl-1-piperazinyl)propyl]-10H-phenothiazine.

P-725. Antipsychotic. A phenothiazine. mp = 51-53°;

bp_{0.001} = 160-170°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***5824 Pericyazine**

2622-26-6

7306

220-071-3

 $C_{21}H_{23}N_3OS$

10-[3-(4-Hydroxypiperidino)propyl]-phenothiazine-2-carbonitrile.

pericazine; propericazine; RP-8909; SKF-20716; Aolept; Nelactil; Neuleptil. Antipsychotic. A psychotherapeutic

phenothiazine. mp = 116-117°; λ_m = 232.5, 271.5 (ϵ 4319, 4503); LD₅₀ (rat orl) = 395 mg/kg. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***5825 Perimethazine**

13093-88-4

7309

236-009-3

 $C_{22}H_{28}N_2O_2S$

1-[3-(2-Methoxyphenothiazin-10-yl)-2-methylpropyl]-4-piperidinol.

perimetazine; AN-1317; RP-9159; Leptryl. Antipsychotic.

A phenothiazine. mp = 137-138°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***5826 Perospirone**

150915-41-6

 $C_{23}H_{30}N_4O_2S$

N-[4-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]butyl]-1,2-cis-cyclohexanedicarboximide.

SM-9018. A novel serotonin 5-HT₂, dopamine D₂ antagonist. Antipsychotic.**5827 Perphenazine**

58-39-3

7323

200-381-5

 $C_{21}H_{26}ClN_3OS$

4-[3-(2-Chlorophenothiazin-10H-phenothiazine-10-yl)-propyl]-1-piperazineethanol.

chloriprozine; PZC; Sch-3940; Decentan; Fentazin; Perphenan; Trilafon; Trilifan; component of: Etrafon, Triavil. Antipsychotic. mp = 94-100°; bp_{0.15} = 214-218°;insoluble in H₂O, soluble in organic solvents. *Schering AG.***5828 Pimozide**

2062-78-4

7589

218-171-7

 $C_{28}H_{29}F_2N_3O$

1-[1-[4,4-Bis(p-Fluorophenyl)butyl]-4-piperidyl]-2-benzimidazolinone.

McN-JR-6238; R-6238; Orap. Antipsychotic. mp = 214-218°; insoluble in H₂O, soluble in acids. *Janssen Pharmaceutical, Ltd.; Lemmon Co.***5829 Pinoxepin**

14008-66-3

 $C_{23}H_{27}ClN_2O_2$

(Z)-4-[3-(2-Chlorodibenz[b,e]oxepin-11-(6H)-ylidene)propyl]-1-piperazineethanol.

Antipsychotic. *Pfizer Inc.***5830 Pinoxepin Hydrochloride**

14008-46-9

 $C_{23}H_{29}Cl_3N_2O_2$

(Z)-4-[3-(2-Chlorodibenz[b,e]oxepin-11-(6H)-ylidene)propyl]-1-piperazineethanol dihydrochloride.

P-5227. Antipsychotic. *Pfizer Inc.***5831 Pipamperone**

1893-33-0

7608

 $C_{21}H_{30}FN_3O_2$

1'-[3-(p-Fluorobenzoyl)propyl][1,4'-bipiperidine]-4'-carboxamide.

R-3345; floropipamide. Antipsychotic. A buterophenone. *Janssen Pharmaceutical, Belgium.***5832 Pipamperone Hydrochloride**

244-68-2

7608

 $C_{21}H_{32}Cl_2FN_3O_2$

1'-[3-(p-Fluorobenzoyl)propyl][1,4'-bipiperidine]-4'-carboxamide dihydrochloride.

Dipiperon; Piperonil; Propitan. Antipsychotic. A buterophenone. mp = 124.5-126.0°. *Janssen Pharmaceutical, Belgium.***5833 Piperacetazine**

3819-00-9

7615

223-312-0

 $C_{24}H_{30}N_2O_2S$

1-[10-[3-[4-(2-Hydroxyethyl)-1-piperidinyl]propyl]-10H-phenothiazin-2-yl]ethanone.

PC-1421; Psymod; Quide. Antipsychotic. A phenothiazine. [hydrochloride]: mp = 100-110°. *Marion Merrell Dow Inc.; Searle, G.D., & Co.***5834 Pipotiazine**

39860-99-6

7636

254-659-6

 $C_{24}H_{33}N_3O_3S_2$

10-[3-[4-(2-Hydroxyethyl)piperidino]propyl]-N,N-dimethylphenothiazine-2-sulfonamide.

RP-19366; pipothiazine; Piportil. Antipsychotic. A phenothiazine. LD₅₀ (mus ip) = 108 mg/kg, (mus sc) = 360 mg/kg, (mus orl) = 440 mg/kg. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***5835 Pipotiazine Palmitate**

37517-26-3

7636

253-536-4

 $C_{40}H_{63}N_3O_4S_2$

10-[3-[4-(2-Hydroxyethyl)piperidino]propyl]-N,N-dimethylphenothiazine-2-sulfonamide palmitate (ester).

RP-19552; IL-19552; pipotiazine palmitic ester; Piportil L4. Antipsychotic. A phenothiazine. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***5836 Pipotiazine Undecylenate**

22178-11-6

7636

244-819-3

 $C_{35}H_{51}N_3O_4S_2$

10-[3-[4-(2-Hydroxyethyl)piperidino]propyl]-N,N-dimethylphenothiazine-2-sulfonamide undecylenate (ester).

RP-19551; pipotiazine undecylenic ester; Piportil M2.

Antipsychotic. A phenothiazine. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5837 Piquindone

78541-97-6

 $C_{15}H_{22}N_2O$

(±)-trans-3-Ethyl-1,4s,5,6,7,8,8a,9-octahydro-2,6-dimethyl-4H-pyrrolo[2,3-g]isoquinolin-4-one.

Antipsychotic. *Hoffmann-LaRoche Inc.***5838 Piquindone Hydrochloride**

83784-19-4

 $C_{15}H_{27}ClN_2O_3$

(±)-trans-3-Ethyl-1,4s,5,6,7,8,8a,9-octahydro-2,6-dimethyl-4H-pyrrolo[2,3-g]isoquinolin-4-one monohydrochloride dihydrate.

Ro-22-1319/003. Antipsychotic. *Hoffmann-LaRoche Inc.***5839 Preclamol**

85966-89-8

 $C_{14}H_{21}NO$

(-)-(S)-m-(1-Propyl-3-piperidyl)phenol.

3-PPP. Partial dopamine autoreceptor agonist. Antipsychotic.

5840 Prochlorperazine

58-38-8

7942

200-379-4

 $C_{20}H_{24}ClN_3S$

2-Chloro-10-[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine.

chlormepazine; prochlorpemazine; prochlorperazine; Bayer A173; RP-6140; SKF-4657. Antiemetic; antipsychotic. A phenothiazine, used in treatment of vertigo. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *SmithKline Beecham Pharmaceuticals.***5841 Prochlorperazine Edisylate**

1257-78-9

7942

215-019-1

 $C_{22}H_{30}ClN_3)_2S_3$

2-Chloro-10-[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine 1,2-ethanedisulfonate (1:1).

prochlorperazine ethanedisulfonate. Antiemetic; antipsychotic. A phenothiazine, used in treatment of vertigo. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *SmithKline Beecham Pharmaceuticals*; *Wyeth-Ayerst Labs.***5842 Prochlorperazine Maleate**

84-02-6

7942

201-511-3

 $C_{28}H_{32}ClN_3O_8S$

2-Chloro-10-[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine maleate (1:2).

Buccastem; Compazine; Meterazine; Stemetil; Vertigon; component of Combid; component of: Combid. Antiemetic; antipsychotic. A phenothiazine, used in treatment of vertigo. mp = 228°; soluble in H_2O ; slightly soluble in EtOH; practically insoluble in organic solvents; LD₅₀ (mus sc) = 120 mg/kg, (mus ip) = 90 mg/kg, (mus orl) = 400 mg/kg. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *SmithKline Beecham Pharmaceuticals.***5843 Prochlorperazine Mesylate**

51888-09-6

7942

257-495-3

 $C_{22}H_{30}ClN_3)_2S_3$

2-Chloro-10-[3-(4-methyl-1-piperazinyl)propyl]-phenothiazine methanesulfonate (2:1).

prochlorperazine dimethanesulfonate; Novamin; Tementil. Antiemetic; antipsychotic. A phenothiazine, used in treatment of vertigo. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *SmithKline Beecham Pharmaceuticals.***5844 Promazine**

58-40-2

7966

200-382-0

 $C_{17}H_{20}N_2S$

10-[3-(Dimethylamino)propyl]phenothiazine.

RP-3276; Wy-1094. Antipsychotic; tranquilizer (veterinary). A phenothiazine. Oily liquid; bp_{0.3} = 203-210°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***5845 Promazine Hydrochloride**

53-601

7966

200-179-7

 $C_{17}H_{21}ClN_2S$

10-[3-(Dimethylamino)propyl]phenothiazine monohydrochloride.

Liranol; Promwill; Prazine; Prolactyl; Sparine; Talofen; component of: Ketaset Plus (veterinary). Antipsychotic; tranquilizer (veterinary). A phenothiazine. Dec 181°; hygroscopic; soluble in H_2O , EtOH, $CHCl_3$, practically insoluble in Et_2O , C_6H_6 ; incompatible with alkalis, oxidizing agents, heavy metals. *DuPont Merck Pharmaceutical Co.*; *Forest Pharmaceuticals Inc.*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *Wyeth-Ayerst Labs.***5846 Prothipendyl**

303-69-5

8073

 $C_{16}H_{19}N_3S$

N,N-Dimethyl-10H-pyrido[3,2-b][1,4]benzothiazine-10-propanamine.

Antipsychotic. A tricyclic. bp_{0.7} = 217-219°; bp_{0.5} = 195-198°. *Olin Research Ctr.***5847 Prothipendyl Hydrochloride**

1225-65-6

8073

214-958-4

 $C_{16}H_{20}ClN_3S$

N,N-Dimethyl-10H-pyrido[3,2-b][1,4]benzothiazine-10-propanamine monohydrochloride.

D-206; Dominal; Tolnate. Antipsychotic. A tricyclic. mp = 108-112°; freely soluble in H_2O , MeOH; practically insoluble in Et_2O . *Olin Research Ctr.***5848 Prothixene**

2622-24-4

 $C_{18}H_{19}NS$ N,N-Dimethylthioxanthene- $\Delta^{9,7}$ -propylamine.prooxin. Ataraxic; tranquilizer; antipsychotic. LD₅₀ (mus iv) = 280 mg/kg.**5849 Psilocybin**

520-52-5

8111

208-294-4

3-(2-Dimethylaminoethyl)indol-4-yl dihydrogen phosphate.

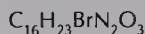
psylocybin; psilocybine; indocybin; CY-39.

Psychomimetic. The major component of *Tenacis catl*, the mushroom *itPsilocybe mexicana* Heim, *Agaricaceae*. A federally controlled substance (hallucinogen). mp = 220-228°, 185-195°; λ_m = 220, 267, 290 nm (Log ϵ 4.6, 3.8, 3.6 MeOH); pH (50% aqueous EtOH) = 5.2; somewhat soluble in hot H_2O , MeOH; barely soluble in EtOH; nearly insoluble in C_6H_6 , $CHCl_3$. *Sandoz*

Pharmaceuticals Corp.

5850 Remoxipride

80125-14-0 8301

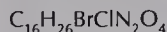


(-)-(S)-3-Bromo-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2,6-dimethoxybenzamide.

Antipsychotic. A specific dopamine D_2 -receptor antagonist; a benzamide antipsychotic. $[\alpha]_{\text{D}}^{20} = -64^\circ$ (c = 2 EtOH). Astra USA, Inc.

5851 Remoxipride Hydrochloride Monohydrate

82935-42-0 8301

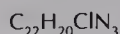


(-)-(S)-3-Bromo-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2,6-dimethoxybenzamide monohydrochloride monohydrate.

A-33547; FLA-731; Roxiam. Antipsychotic. A specific dopamine D_2 -receptor antagonist; a benzamide antipsychotic. Loss of H_2O at 105° ; mp = 107° ; $[\alpha]_{\text{D}}^{20} = -11^\circ$ (c = 2 in H_2O); λ_{m} (H_2O) = 286 nm (ϵ 2280); soluble in H_2O , EtOH, CH_2Cl_2 , Me_2CO ; LD_{50} (rat ip) = 338 mg/kg. Astra USA, Inc.

5852 Rilapine

79781-95-6



(Z)-2-Chloro-10-(4-methyl-1-piperazinyl)-5H-dibenzo-

[a,d]cycloheptene- $\Delta^{5,\alpha}$ -acetonitrile.

Has high affinity for the serotonin 5-HT_{1C} receptor. Neuroleptic; atypical antipsychotic.

5853 Rimcazole

75859-04-0



9-[3-cis-3,5-Dimethyl-1-piperazinyl]propyl]carbazole.

Antipsychotic.

5854 Rimcazole Hydrochloride

75859-03-9



9-[3-cis-3,5-Dimethyl-1-piperazinyl]propyl]carbazole dihydrochloride.

BW-234U. Antipsychotic.

5855 Risperidone

106266-06-2 8397



3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)piperidino]ethyl]-6,7,8,9-tetrahydro-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one.

R-64766; Risperdal. Antipsychotic. A combined serotonin and dopamine receptor antagonist, a benzisoxazole antipsychotic. mp = 170° ; LD_{50} (rat iv) = 29.7 mg/kg, (dog iv) = 14.1 mg/kg, (rat orl), 82.1 mg/kg, (dog orl) = 18.3 mg/kg. Janssen Pharmaceutical, Ltd.

5856 Seperidol

10457-91-7

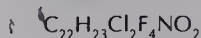


4-[4-(4-Chloro- α,α,α -trifluoro-m-tolyl)-4-hydroxypiperidinol-4'-fluorobutyrophenone.

Antipsychotic. Janssen Pharmaceutical, Belgium.

5857 Seperidol Hydrochloride

17230-87-4



4-[4-(4-Chloro- α,α,α -trifluoro-m-tolyl)-4-hydroxypiperidinol-4'-fluorobutyrophenone hydrochloride.

R-9298. Antipsychotic. Janssen Pharmaceutical, Belgium.

5858 Setoperone

86487-64-1



6-[2-[4-p-Fluorobenzoyl]piperidinyl]ethyl]-2,3-dihydro-7-methyl-5H-thiazolo[3,2- α]pyrimidin-5-one.

R-52245. Antipsychotic. Janssen Pharmaceutical, Belgium.

5859 Spiperone

749-02-0

8903

212-024-0



8-[3-(p-Fluorobenzoyl)propyl-1-phenyl-1,3,8-triazaspiro[4.5]decan-4-one.

R-5147; Spiropitan. Antipsychotic. A butyrophenone. mp = 190 - 193.6° . Janssen Pharmaceutical, Belgium.

5860 Sulforidazine

14759-06-9

9137

238-818-7



10-[2-(1-Methyl-2-piperidinyl)ethyl]-2-methylsulfonylphenothiazine.

TPN-12; thioridazine-2-sulfone; Imagotan; Inofal. Antipsychotic. A dopamine receptor blocker; metabolite of thioridazine and mesoridazine; a phenothiazine antipsychotic. mp = 121 - 123° . Sandoz Pharmaceuticals Corp.

5861 Sultopride

53583-79-2

9168

258-641-9



N-[(1-Ethyl-2-pyrrolidinyl)methyl]-5-(ethylsulfonyl)-o-anisamide.

Antipsychotic. A dopamine D_2 -receptor antagonist; a benzamide antipsychotic.

5862 Sultopride Hydrochloride

23694-17-9

9168

245-829-0

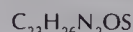


N-[(1-Ethyl-2-pyrrolidinyl)methyl]-5-(ethylsulfonyl)-o-anisamide monohydrochloride.

LIN-1418; Barnetil; Barnotil. Antipsychotic. A dopamine D_2 -receptor antagonist; a benzamide antipsychotic. mp = 181 - 182° .

5863 Teflutixol

55837-23-5

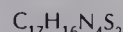


4-[3-[6-Fluoro-2-(trifluoromethyl)-9H-thioxanthen-9-yl]propyl]-1-piperazineethanol.

Lu-10-022. Thioxanthene derivative. Antipsychotic.

5864 Tenilapine

82650-83-7

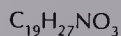


(E)-5-(4-Methyl-1-piperazinyl)-9H-dithieno[3,4-b:3',4'-3]-azepine- $\Delta^{9,\alpha}$ -acetonitrile.

An atypical neuroleptic. Antipsychotic.

5865 Tetrabenazine

58-46-8 9325 200-383-6



1,2,4,6,7,11b-Hexahydro-3-isobutyl-9,10-dimethoxy-2H-benzo[a]quinolizin-2-one.

Ro-1-9569. Antidyskinetic; antipsychotic. A dopamine depleting agent; a tricyclic. mp = 125-126°. *Hoffmann-LaRoche Inc.*

5866 Tetrabenazine Methanesulfonate

804-53-5 9325



1,2,4,6,7,11b-Hexahydro-3-isobutyl-9,10-dimethoxy-2H-benzo[a]quinolizin-2-one methanesulfonate.

Nitoman. Antidyskinetic; antipsychotic. A dopamine depleting agent; a tricyclic. mp = 126-130°; sparingly soluble in H_2O ; soluble in EtOH, practically insoluble in Et_2O . *Hoffmann-LaRoche Inc.*

5867 Thiopropazate

84-06-0 9493 201-513-4

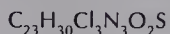


4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazineethanol acetate.

Antipsychotic. A phenothiazine. bp_{0.1} = 214-218°; soluble in Et_2O .

5868 Thiopropazate Hydrochloride

146-28-1 9493 205-666-8

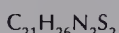


4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazineethanol acetate dihydrochloride.

Dartal; Dartalan. Antipsychotic. A phenothiazine. Dec 223-229°; freely soluble in H_2O ; less soluble in organic solvents.

5869 Thioridazine

50-52-2 9497 200-044-2

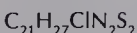


10-[2-(1-Methyl-2-piperidyl)ethyl]-2-(methylthio)phenothiazine.

Antipsychotic; sedative. A dopamine receptor blocker; parent compound of sulforidazine and mesoridazine. mp = 72-74°; bp_{0.02} = 230°; λ_m = 263, 314 nm (ϵ 38172, 4595 95% EtOH); insoluble in H_2O , soluble in organic solvents; LD₅₀ (rat orl) 995 mg/kg. *Sandoz Pharmaceuticals Corp.*

5870 Thioridazine Hydrochloride

130-61-0 9497 204-992-8

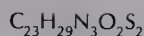


10-[2-(1-Methyl-2-piperidyl)ethyl]-2-(methylthio)phenothiazine monohydrochloride.

TP-21; Aldazine; Mallorol; Mellaril; Melleretten; Melleril; Novoridazine; Orsanil; Ridazine; Stalleril. Antipsychotic; sedative. A phenothiazine. mp = 158-160°; λ_m = 262, 310 nm (ϵ 41598, 3256 H_2O); soluble in H_2O (1.1 g/ml), EtOH, MeOH, CHCl_3 ; insoluble in Et_2O . *Sandoz Pharmaceuticals Corp.*

5871 Thiothixene

5591-45-7 9503 227-001-0

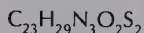


N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl)propylidene]thioxanthene-2-sulfonamide.

P-4657B; NSC-108165; thiothixene; Navane; Orbinamon. Antipsychotic. Available as the cis isomer, the trans isomer or the mixture of isomers; a thioxanthene. [cis isomer]: mp = 147-149°; λ_m = 228, 260, 310 nm (log ϵ 4.6, 4.3, 3.9 MeOH); more potent than the trans isomer; LD₅₀ (rat ip) = 55 mg/kg; [trans isomer]: mp = 123-125°; λ_m = 229, 252, 301 nm (log ϵ 4.5, 4.2, 3.9 MeOH); LD₅₀, Lemmon Co.; Roerig Div., Pfizer Pharmaceuticals; Pfizer Inc.

5872 Thiothixene [z]

3313-26-6 9503

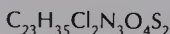


(Z)-N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl)propylidene]thioxanthene-2-sulfonamide.

Antipsychotic. A thioxanthene. *Roerig Div., Pfizer Pharmaceuticals; Pfizer Inc.*

5873 Thiothixene Hydrochloride

22189-31-7 9503

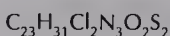


N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl)propylidene]thioxanthene-2-sulfonamide dihydrochloride dihydrate.

CP-12252-1; Navane Hydrochloride. Antipsychotic. A thioxanthene. *Roerig Div., Pfizer Pharmaceuticals; Pfizer Inc.*

5874 Thiothixene Hydrochloride [anhydrous (z)]

49746-04-5 9503

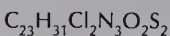


(Z)-N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl)propylidene]thioxanthene-2-sulfonamide dihydrochloride.

Antipsychotic. A thioxanthene. *Pfizer Inc.*

5875 Thiothixene Hydrochloride [anhydrous]

58513-59-0 9503

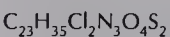


N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl)propylidene]thioxanthene-2-sulfonamide dihydrochloride.

Antipsychotic. A thioxanthene. *Pfizer Inc.*

5876 Thiothixene Hydrochloride [z]

49746-09-0 9503

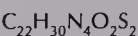


(Z)-N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl)propylidene]thioxanthene-2-sulfonamide.

Antipsychotic. A thioxanthene. *Pfizer Inc.*

5877 Thioproperazine

316-81-4 9494 206-262-4

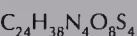


N,N-Dimethyl-10-[3-(4-methyl-1-piperazinyl)propyl]phenothiazine-2-sulfonamide.

Antipsychotic; antiemetic. A phenothiazine. mp = 140°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

5878 Thioproperazine Mesylate

2347-80-0 9494 219-074-2



N,N-Dimethyl-10-[3-(4-methyl-1-piperazinyl)propyl]phenothiazine-2-sulfonamide methanesulfonate (1:2).

thiopropazine dimethanesulfonate; Majepetil; Vontil. Antipsychotic; antiemetic. A phenothiazine. *Rhône-*

Poulenc Rorer Pharmaceuticals Inc.; SmithKline Beecham Pharmaceuticals.

5879 Timelotem

96306-34-2

 $C_{17}H_{18}FN_3S$

(±)-10-Fluoro-1,2,3,4,4a,5-hexahydro-3-methyl-7-(2-thienyl)pyrazino[1,2-a][1,4]benzodiazepine.

An atypical neuroleptic. Antipsychotic.

5880 Timeperone

57648-21-2

9584

260-880-9

 $C_{22}H_{24}FN_3OS$

4-Fluoro-4-[4-(2-thioxo-1-benzimidazolyl)-piperidino]butyrophenone.

DD-3480; Tolopelon. Antipsychotic. A butyrophenone derivative with neuroleptic activity. mp = 201-203°; λ_m (EtOH) = 226.5, 246, 309 nm; slightly soluble in H_2O ; LD₅₀ (rat orl) = 232 mg/kg, (mus orl) = 478 mg/kg. *Daichi Pharmaceutical Corp.***5881 Tioperidone**

52618-67-4

 $C_{25}H_{32}N_4O_2S$

3-[4-[4-[o-(Propylthio)phenyl]-1-piperazinyl]butyl]-2,4(1H,3H)-quinazolidinedione.

Antipsychotic. *Parke-Davis.***5882 Tioperidone Hydrochloride**

52618-68-5

 $C_{25}H_{33}ClN_4O_2S$ 3-[4-[4-[o-(Propylthio)phenyl]-1-piperazinyl]butyl]-2,4(1H,3H)-quinazolidinedione monohydrochloride. Cl-787. Antipsychotic. *Parke-Davis.***5883 Tiospirone**

87691-91-6

 $C_{24}H_{32}N_4O_2S$

N-[4-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]butyl]-1,1-cyclopentanediacetamide.

Antipsychotic.

5884 Tiospirone Hydrochloride

87691-92-7

 $C_{24}H_{33}ClN_4O_2S$

N-[4-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]butyl]-1,1-cyclopentanediacetamide monohydrochloride.

BMV-13859-1. Antipsychotic.

5885 Trifluoperazine

117-89-5

9811

204-219-4

 $C_{21}H_{24}F_3N_3S$

10-[3-(4-Methyl-1-piperazinyl)propyl]-2-(trifluoromethyl)phenothiazine.

Antipsychotic; sedative. A phenothiazine. bp_{0.6} = 202-210°; λ_m = 258, 307.5 nm (log ϵ 4.50, 3.5); LD₅₀ (rat orl) = 542.7, (mus orl) = 424.0. *Labaz S.A.***5886 Trifluoperazine Hydrochloride**

440-17-5

9811

207-123-0

 $C_{21}H_{26}Cl_2F_3N_3S$

10-[3-(4-Methyl-1-piperazinyl)propyl]-2-(trifluoromethyl)phenothiazine dihydrochloride. tiftazin; triphthasine; Eskaziny; Eskazine; Jatroneural; Modalina; Stelazine; Terfluzine. Antipsychotic; sedative.

A phenothiazine. mp = 242-243°; soluble in H_2O ; insoluble in base, Et_2O , C_6H_6 ; pK₁ = 3.9; pK₂ = 8.1. *Labaz S.A.***5887 Trifluoperidol**

749-13-3

9813

749-13-3

 $C_{22}H_{23}F_4NO_2$ 4'-Fluoro-4-[4-hydroxy-4-(α,α,α -trifluoro-m-tolyl)piperidino]butyrophenone.McN-JR-2498; flumoperone. Antipsychotic. A butyrophenone. *Janssen Pharmaceutical, Belgium; McNeil Pharmaceutical.***5888 Trifluoperidol Hydrochloride**

2062-77-3

9813

218-170-1

 $C_{22}H_{23}F_4NO_2$ 4'-Fluoro-4-[4-hydroxy-4-(α,α,α -trifluoro-m-tolyl)piperidino]butyrophenone.R-2489; Psicoperidol; Psychoperidol; Triperidol. Antipsychotic. A butyrophenone. mp = 200-201°; soluble in H_2O ; LD₅₀ (rat sc) = 70 mg/kg. *Janssen Pharmaceutical, Belgium; McNeil Pharmaceutical.***5889 Triflupromazine**

146-54-3

9814

205-673-6

 $C_{18}H_{19}F_3N_2S$

10-[3-(Dimethylamino)propyl]-2-(trifluoromethyl)phenothiazine.

fluopromazine. Antipsychotic. A phenothiazine. bp_{0.7} = 162-164°; n_D^{23} = 1.580. *SmithKline Beecham Pharmaceuticals.***5890 Triflupromazine Hydrochloride**

440-17-5

9814

214-149-6

 $C_{18}H_{20}ClF_3N_2S$

10-[3-(Dimethylamino)propyl]-2-(trifluoromethyl)phenothiazine monohydrochloride.

Adazine; Fluorofen; Psyquil; Syquil; Vespral; Vesprin; Vetame. Antipsychotic. A phenothiazine. Dec 173-174°; λ_m = 255, 305 nm (E 700, 90); soluble in H_2O , EtOH, Me_2CO . *SmithKline Beecham Pharmaceuticals.***5891 Zetidoline**

51940-78-4

 $C_{16}H_{22}ClN_3O$

1-(m-Chlorophenyl)-3-[2-(3,3-dimethyl-1-azetidyl)-ethyl]-2-imidazolidinone.

DL-308-IT. Specific dopamine D2 receptor antagonist. Antipsychotic.

5892 Ziprasidone

146939-27-7

10304

 $C_{21}H_{21}ClN_4OS$ 5-[2-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]ethyl]-6-chloro-1,3-dihydro-2H-indol-2-one. CP-88059. Antipsychotic. *Pfizer Inc.***5893 Ziprasidone Hydrochloride Monohydrate**

138982-67-9

10304

 $C_{21}H_{24}Cl_2N_4O_2S$

5-[2-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]ethyl]-6-chloro-1,3-dihydro-2H-indol-2-one monohydrochloride monohydrate.

CP-88059-1. Antipsychotic. [hemihydrate]: mp > 300°.

Pfizer Inc.

5894 Zotepine

26615-21-4

10327

 $C_{18}H_{18}ClNOS$

2-[(8-Chlorodibenzo[b,f]thiepin-10-yl)oxy]-N,N-dimethylethylamine.

Lodopin; Nipolept. Antipsychotic. A tricyclic enol-ether compound with psychotropic and neuroleptic activity. mp = 90-91°; λ_m (95% EtOH) = 266 nm; LD₅₀ (mus orl) = 108 mg/kg, (rat orl) = 458 mg/kg, (mus iv) = 43.3 mg/kg, (mus ip) = 40.0 mg/kg, (mus sc) = 84.9 mg/kg. *Fujisawa USA, Inc.*

Antipyretics**5895 Acetaminophen**

103-90-2

45

203-157-5

 $C_8H_9NO_2$

4'-Hydroxyacetanilide.

p-hydroxyacetanilide; p-acetamidophenol; p-aceaminophenol; N-acetyl-p-aminophenol; paracetamol; Abensanil; Acamol; Acetalgin; Alpin; Amadil; Anaflon; Anhiba; Apamide; APAP; Banesein; Ben-u-ron; Bickie-mol; Calpol; Captin; Claratal; Cetadol; Dafalgan; Datriil; Dirox; Disprol; Doliprane; Dolprone; Dymadon; Enelfa; Eneril; Eu-Med; Exdol; Febrilex; Finimal; Gelocatil; Hedex; Homoolan; Korum; Momentum; Naprinol; Nebs; Nobedon; Ortensan; Pacemol; Paldesic; Panadol; Panaleve; Panasorb; Panets; Panodil; Parelant; Paraspem; Parmol; Pasolind N; Phenaphen; Salzone; Tabalgin; Tapar; Tempa; Tralgon; Tylenol; Valadol; component of: Actifed Plus, Allerest Sinus Pain Formula, Anexsia, Aspirin-Free Anacin, Children's Tylenol Cold Tablets, Contac Cough & Sore Throat Formula, Contac Jr Non-drowsy Formula, Contac Nighttime Cold Medicine, Contac Severe Cold Formula, Coricidin, Darvoset-N, Dristan Cold (Multisymptom), Dristan Cold (No Drowsiness), Empracet, Endecon, Gemnisyn, Headache Strength Allerest, Hycomine Compound, Hy-Phen, Intensin, Liquiprin, Maximum Strength Sine-Aid, Midol, Midol Maximum Strength, Midol PMS, Naldegescic, Naldetuss, Ornex, Percocet, Percogesic with Codeine, Propacet, Quiet World, Rhinex D-Lay Tablets, Sinarest, Sine-Off Maximum Strength Allergy/Sinus, Sine-Off Maximum Strength No Drowsiness Formula Caplets, Sinubid, St Joseph's Cold Tablets for Children, Sudafed Sinus, Supac, Teen Midol, TheraFlu, Tylenol Allergy Sinus, Tylenol Cold and Flu Multi-Symptom, Tylenol Cold Medication Caplets, Liquid and Tablets, Tylenol Cold Night Time Liquid, Tylenol Cold No Drowsiness, Tylenol PM Tablets and Caplets, Tylenol with Codeine, Tylox, Vanquish, Vicodin, Wygesic, Zydone. Analgesic, antipyretic, anti-inflammatory. mp = 169-170.5°; d_4^{21} = 1.293; λ_m = 250 nm (ϵ 13800 in EtOH); slightly soluble in cold H_2O , Et_2O ; more soluble in hot H_2O ; soluble in alcohol, dimethylformamide, ethylene dichloride, Me_2CO , EtOAc; nearly insoluble. *Bristol-Myers Squibb Co.; Robins, A.H. Co.; Forest Pharmaceuticals Inc.; McNeil Pharmaceutical; Mead Johnson Nutritionals; Novo Nordisk Pharmaceuticals Inc.; Parke-Davis; Sterling Health U.S.A.; Warner Lambert.*

5896 Acetaminosalol

118-57-0

46

204-261-3

 $C_{15}H_{13}NO_4$

4'-Hydroxyacetanilide salicylate.

p-acetamidophenyl salicylate; p-acetylaminophenol salicylic acid ester; phenestal; Phenosal; Salophen. Analgesic, antipyretic, anti-inflammatory. mp = 187°; nearly insoluble in petroleum ether, cold H_2O ; more soluble in warm H_2O ; soluble in alcohol, Et_2O , C_6H_6 ; incompatible with alkalis and alkaline solutions.

5897 Acetanilide

103-84-4

47

203-150-7

 $C_8H_9NO_2$

N-phenylacetamide.

antifebrin; acetylaniline; acetylaminobenzene. Antipyretic, analgesic. mp = 113-115°; bp = 304-305°; d_4^{15} = 1.219; pK (28°) = 13.0; soluble in H_2O , alcohol, $CHCl_3$, Me_2CO , glycerol, dioxane, Et_2O , C_6H_6 ; nearly insoluble in petroleum ether; LD₅₀ (rat ig) = 800 mg/kg.

5898 Aconite

118

Monkshood; Wolf's Bane; Friar's Cowl; Mouse Bane. Antipyretic. Dried tuberous root of *Aconitum napellus* L. *Ranunculaceae*. Contains aconine, napelline, picroaconitine; aconitic acid, itaconic acid, succinic and malonic acids, levulose and fats. Quite toxic. Used as antipyretic.

5899 Acopyrin

520-07-0

757

Antipyrine Acetylsalicylate.

Antipyretic.

5900 Alclofenac

22131-79-9

220

244-795-4

 $C_{11}H_{11}ClO_3$

3-Chloro-4-(2-propenyloxy)benzeneacetic acid.

W-7320; Allopydin; Epinal; Medifenac; Mervan; Neoston; Prinalgin; Reufenac; Zumaril. Analgesic, antipyretic, anti-inflammatory. Arylacetic acid derivative. mp = 92-93°; LD₅₀ (rat orl) = 1050 mg/kg, (rat sc) = 600 mg/kg, (rat ip) = 555 mg/kg. *Continental Pharma.*

5901 Aluminum Bis(acetylsalicylate)

23414-80-1

338

 $C_{18}H_{15}AlO_9$

Bis[2-(acetyloxy)benzoato-O']hydroxyaluminum.

aluminum diacetylsalicylate; acetylsalicylate aluminum; aluminum diaspirin; aluminum aspirin; monohydroxyaluminum diacetylsalicylate; monohydroxyaluminum bis(acetylsalicylate); Rumasal. Analgesic; antipyretic. See dihydroxyaluminum acetylsalicylate. Nearly insoluble in H_2O , alcohol, Et_2O ; decomposes in dilute acids or alkalis and alkali carbonates.

5902 Aminochlorthenoxazin

3567-76-8

455

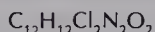
 $C_{12}H_{11}ClN_2O_2$

6-Amino-2-(2-chloroethyl)-2,3-dihydro-4H-1,3-benzoxazin-4-one.

component of: Dereuma. Antipyretic, analgesic. mp = 164°; nearly insoluble in H_2O ; LD₅₀ (mus ip) 1950 mg/kg, (mus orl) 10000 mg/kg.

5903 Aminochlorthenoxazin Hydrochloride

455

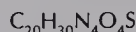


6-Amino-2-(2-chloroethyl)-2,3-dihydro-4H-1,3-benzoxazin-4-one monohydrochloride.

A-350; ICI-350. Antipyretic, analgesic. mp = 209-210°; soluble in H₂O; LD₅₀ (mus ip) 920 mg/kg, (mus orl) 2250 mg/kg, (mus iv) 290.**5904 Aminophenazone Cyclamate**

747-30-8

495



4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one cyclohexylsulfamate.

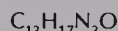
aminopyrine cyclohexylsulfamate. Analgesic; antipyretic.

5905 Aminopyrine

58-15-1

495

200-365-8



4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one.

amidopyrine; aminophenazone; dimethylaminophenyl-dimethylpyrazone; Amidofebri; Amidopyrazoline; Ana-febrina; Brufaneuxol; Dimapyrin; Dipirin; Febrina; Itamidone; Mamallet-A; Netsusarin; Novamidon; Piridol; Polinalin; Pyradone; Pyramidon. Analgesic; antipyretic. CAUTION: may cause agranulocytosis. mp = 107-109°; soluble in alcohol (1 g/1.5 ml), C₆H₆ (1 g/12 ml), CHCl₃ (1 g/1 ml), Et₂O (1g/13 ml), H₂O (1g/18 ml); LD₅₀ (rat orl) = 1700 mg/kg.**5906 Aminopyrine Bicamphorate**

94442-12-3

495



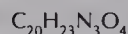
4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one bicamphorate.

Pyramidon bicamphorate. Analgesic; antipyretic. mp = 94°; soluble in H₂O with gradual decomposition; soluble in alcohol.**5907 Aminopyrine Salicylate**

603-57-6

495

210-049-1



4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one salicylate.

Pyramidon salicylate. Analgesic; antipyretic. mp = 70°; soluble in H₂O (1 g/16 ml), alcohol (1 g/6 ml).**5908 Aspirin**

50-78-2

886

200-064-1



Acetylsalicylic acid.

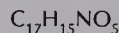
o-carboxyphenyl acetate; 2-(acetyloxy)benzoic acid; acetate salicylic acid; salicylic acid acetate; Acenterline; Acetyl; Acetosol; Acetosalic Acid; Acetosalin; Acetylin; Acetyl-SAL; Acimetten; Acylpyrin; Arthrisin, A.S.A.; Asatard; Aspro; Asteric; Caprin; Claradin; Colfarit; Contrheuma retard; Duramax; ECM; Ecotrin; Empirin; Encaprin; Endydol; Entrophen; Enterosarine; Helicon; Levius; Longasa; Measurin; Neuronika; Platet; Rhodine; Salacetin; Salcetogen; Saletin; Solrin; Solpyron; Xaxa; Alka-seltzer; Anacin; Ascriptin; Bufferin; Coricidin D; Darvon compound; Excedrin; Gelprin; Robaxisal; Vanquish; Ascoden-30; Coricidin; Norgescic; Persistin; Supac; Triaminicin; acetophen; acidum acetylsalicylicum; acetilum acidulatum; Acetonyl; Adiro; acenterine;

acetosal; acetosalic acid; acetosalin; acetylin; acetylsal; acylpyrin; asteric; caprin; colfarit; entrophen; enterosarine; rhodine; salacetin; salcetogen; saletin; acesal; acetilsalicylico; acetisal; acetonyl; asagran; asatard; aspalon; aspergum; aspidrops; AC 5230; benaspir; entericin; extren; bialpirinia; contrheuma retard; Crystar; Delgesic; Dolean ph 8; enterophen; globoid; idragin. Analgesic; antipyretic; anti-inflammatory. Also has platelet aggregation inhibiting, antithrombotic, and antirheumatic properties. See acetylsalicylic acid. mp = 135; d = 1.40; λ_m = 229, 277 nm (E_{1cm}^{1%} 484, 68 in 0.1N H₂SO₄); pH (25°) = 3.49; somewhat soluble in H₂O (1 g/300 ml at 25°, 1 g/100 ml at 37°); soluble in alcohol (1 g/5 ml), CHCl₃ (1 g/17 ml), Et₂O (1 g/10 ml). Boots Pharmaceuticals Inc.; Bristol-Myers Squibb Co.; Eli Lilly & Co.; Parke-Davis; Schering-Plough HealthCare Products; SmithKline Beecham Pharmaceuticals; Sterling Health U.S.A.; Sterling Winthrop, Inc.; Upjohn Ltd.**5909 Benorylate**

5003-48-5

1074

225-674-5



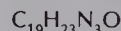
4-Acetamidophenyl salicylate acetate.

benorilate; fenasprate; WIN-11450; Benoral; Benortan; Quinexin; Salipran. Analgesic, antipyretic, anti-inflammatory. Derivative of salicylic acid. mp = 175-176°; LD₅₀ (mus orl) = 2000 mg/ml, (rat orl) = 10000 mg/ml, (mus ip) = 1255 mg/ml, (rat ip) = 1830 mg/ml. Sterling Winthrop, Inc.**5910 Benzydamine**

642-72-8

1157

211-388-8



1-Benzyl-3-[3-(dimethylamino)propoxy]-1H-indazole.

benzindamine. Analgesic, antipyretic, anti-inflammatory. bp_{0.05} = 160°. Angelini Pharmaceuticals, Inc.**5911 Benzydamine Hydrochloride**

132-69-4

1157

205-076-0



1-Benzyl-3-[3-(dimethylamino)propoxy]-1H-indazole monohydrochloride.

AF-864; Afloben; Andolex; Benalgin; Benzyrin; Diffam; Dorinamin; Enzamin; Imotryl; Ririlim; Riripen; Salyzoron; Saniflor; Tamas; Tantum; Verax. Analgesic, antipyretic, anti-inflammatory. mp = 160°; λ_m = 306 nm (E_{1cm}^{1%} 160); soluble in H₂O, EtOH, CHCl₃, n-butanol; LD₅₀ (mus ip) = 110 mg/kg, (rat ip) = 100 mg/kg, (mus orl) = 515 mg/kg, (rat orl) = 1050 mg/kg. Angelini Pharmaceuticals, Inc.**5912 Berberine**

2086-83-1

1192

218-229-1



5,6-Dihydro-9,10-dimethoxybenzo[g]-1,3-benzodioxolo[5,6-a]quinolizinium.

umbellatine. Antipyretic; antimalarial; antibacterial. Bitter stomachic. Alkaloid isolated from *Hydrastis canadensis* L., *Berberidaceae*; also found in other plants. mp = 145°.**5913 Bermopufen**

72619-34-2

1199



(±)-10,11-Dihydro-α,8-dimethyl-11-oxodibenz[b,f]-oxepin-2-acetic acid.

AD-1590; AJ-1590; Dibenon. Anti-inflammatory; analgesic; antipyretic. Prostaglandin synthetase inhibitor;

a derivative of arylpropionic acid derivative. mp = 128-129°; LD₅₀ (mus orl) = 500 mg/kg, (rat orl) = 147 mg/kg. *Dainippon Pharmaceutical Co.*

5914 Bromoacetanilide

103-88-8 1420 203-154-9

C₈H₈BrNO

N-(4-Bromophenyl)acetamide.

p-bromoacetanilide; monobromoacetanilide; bromo-analide; Antiseptin; Asepsin; Bromoantifebrin. Analgesic; antipyretic. mp = 168°; d = 172; nearly insoluble in cold H₂O; slightly soluble in hot H₂O; soluble in C₆H₆; CHCl₃, EtOAc; moderately soluble in alcohol.

5915 Bufexamac

2438-72-4 1497 219-451-1

C₁₂H₁₇NO₃

2-(p-Butoxyphenyl)acetohydroxamic acid.

CP-1044-J3; Droloxarol; Feximac; Malipuran; Mofenar; Norfemac; Parfenac; Parfenal. Anti-inflammatory; analgesic; antipyretic. Arylacetic acid derivative. mp = 153-155°; nearly insoluble in H₂O; LD₅₀ (mus orl) > 8 g/mg. *Pfizer Inc.*

5916 Bumadizone

3583-64-0 1507 222-710-1

C₁₉H₂₂N₂O₃

Butylmalonic acid mono(1,2-diphenylhydrazide).

bumadizon. Analgesic; antipyretic; anti-inflammatory. Main product of hydrolysis of phenylbutazone. mp = 116-117° (also as 77-79°); λ_m = 234,264 nm (ε 16200, 3700 in 0.1 N NaOH). *Ciba-Geigy Corp.*

5917 Bumadizone Calcium Salt Hemihydrate

69365-73-7 1507

C₃₈H₄₂CaN₄O₆·1/2H₂O

Butylmalonic acid mono(1,2-diphenylhydrazide) calcium salt (2:1) hemihydrate.

Bumaflex; Eumotol; Rheumatol. Analgesic; antipyretic; anti-inflammatory. Dec 154°; soluble in CHCl₃; alcohol, Et₂O; slightly soluble in H₂O; LD₅₀ (mus orl) = 2500 mg/kg, (rat orl) = 1250 mg/kg, (mus iv) = 258 mg/kg, (rat iv) = 263 mg/kg. *Ciba-Geigy Corp.*

5918 Calcium Acetylsalicylate

69-46-5 1684 200-707-6

C₁₈H₁₄CaO₈

2-(Acetyloxy)benzoic acid calcium salt.

salicylic acid acetate calcium salt; acetylsalicylic acid calcium salt; calcium aspirin; soluble aspirin; Ascal; Cal-Aspirin; Dispril; Disprin; Kalmopyrin; Kalsetal; Solaspin; Tylcalsin. Analgesic; antipyretic; anti-inflammatory. Derivative of salicylic acid. Soluble in H₂O (1 g/6 ml), EtOH (1 g/80 ml). *Lee Labs.*

5919 Calcium Acetylsalicylate Carbamide

5749-67-7 1684

C₁₉H₁₈CaN₂O₉

2-(Acetyloxy)benzoic acid calcium salt complex with urea.

carbaspirin calcium; carbasalate calcium; acetylsalicylic acid calcium salt complex with urea; urea calcium acetylsalicylate; carbaspirin calcium; Alcacyl; Calurin; Solupsan. Analgesic; antipyretic; anti-inflammatory. Derivative of salicylic acid. Dec 243-245°; soluble in

H₂O (231 mg/ml at 37°), pH = 4.8.

5920 Chlorthenoxazine

132-89-8 2247 205-082-3

C₁₀H₁₀ClNO₂

2-(2-Chloroethyl)-2,3-dihydro-4H-1,3-benzoxazin-4-one.

chlorthenoxazin; AP-67; Apirazin; Ossapirina; Ossazone; Piroxina; Reumagrip; Valmorin; Valtorin; component of: Trigatan, Fiobrol. Antipyretic, analgesic. mp = 146-147° (dec); λ_m = 297.5 nm; soluble in CHCl₃.

5921 Choline Salicylate

2016-36-6 2265 217-948-8

C₁₂H₁₉NO₄

2-(Hydroxyethyl)trimethylammonium salicylate.

choline salicylic acid salt; salicylic acid choline salt; Actasal; Arthropan; Artrobione; Audax; Mundisal. Analgesic; antipyretic. 527 mp = 49-50°; soluble in H₂O, polar organic solvents, insoluble in non-polar organic solvents.

5922 Clidanac

34148-01-1 2411

C₁₆H₁₉ClO₂

6-Chloro-5-cyclohexyl-1-indancarboxylic acid.

TAI-284; Britai; Indanal. Anti-inflammatory; antipyretic. Arylcarboxylic acid derivative. mp = 150.5-152.5°; LD₅₀ (rat orl) = 41 mg/kg. *Bristol-Myers Squibb Co.*

5923 Dihydroxyaluminum Acetylsalicylate

53230-06-1 3226

C₉H₉AlO₆

Dihydroxy(acetylsalicylate)aluminum.

dihydroxyaluminum aspirin. Analgesic; antipyretic. May contain one or more molecules of Al(OH)₃. Stable in aqueous suspension at neutral pH; decomposes below pH 4. *Keystone Chemurgic.*

5924 Dipyrrocetyl

486-79-3 3413 207-641-7

C₁₁H₁₀O₆

2,3-Bis(acetyloxy)benzoic acid.

2,3-diacetoxybenzoic acid; Artromialgina; Movirene. Analgesic; antipyretic. mp = 148-150° (also as 146-170°); soluble in organic solvents; nearly insoluble in H₂O. *Hoechst-Roussel Pharmaceuticals Inc.*

5925 Dipyrone

5907-38-0 3414

C₁₃H₁₈N₃NaO₅S

Sodium (antipyrinylmethylamino)methanesulfonate monohydrate.

methylnelubrin; methampyrone; metamizol; analgin; sulpyrin; Alginodia; Algocalmin; Bonpyrin; Conmel; Divarine; Dolazon; D-Pron; Dya-Tron; Espyre; Farmolisina; Feverall; Fevonil; Keyprone; Metilon; Minalgin; Narone; Nartate; Nevalgina; Nolotil; Novacid; Novaldin; Novalgin; Novemina; Novil; Paralgin; Pyralgin; Pylil; Pylilgin; Pyrojec; Tega-Pyrone; Unagen. Analgesic; antipyretic. Soluble in H₂O; less soluble in EtOH; nearly insoluble in Et₂O, Me₂CO, C₆H₆, CHCl₃. *Hoechst-Roussel Pharmaceuticals Inc.; Farmitalia, Societa Farmaceutici; Sterling Winthrop, Inc.*

5926 Dipyrone Anhydrous

68-89-3 3414



Sodium (antipyrinylmethylamino)methanesulfonate.

Analgesic; antipyretic. *Hoechst-Roussel Pharmaceuticals Inc.; Farmitalia, Societa Farmaceutici; Sterling Winthrop, Inc.***5927 Dipyrone Magnesium Salt**

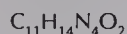
6150-97-6 3414



Sodium (antipyrinylmethylamino)methanesulfonate magnesium salt (2:1).

Magnopyrol. Analgesic; antipyretic. *Hoechst-Roussel Pharmaceuticals Inc.; Farmitalia, Societa Farmaceutici; Sterling Winthrop, Inc.***5928 Epirizole**

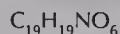
18694-40-1 3659 242-507-1



4-Methoxy-2-(5-methoxy-3-methylpyrazol-1-yl)-6-methylpyrimidine.

mepirizole; DA-398; Mebron. Analgesic; anti-inflammatory; antipyretic. mp = 90-92°; slightly soluble in H₂O; soluble in dilute acids, EtOH, C₆H₆, dichloroethane, Et₂O, Me₂CO; LD₅₀ (mus orl) = 820 mg/kg. *Daiichi Pharmaceutical Corp.***5929 Etersalate**

62992-61-4 3759 263-780-3

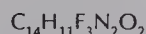


2-(Acetyloxy)benzoic acid

2-[4-(acetylamino)phenoxy]ethyl ester.

eterilate; etherylate; eterylate; Daital. Analgesic; anti-inflammatory; antipyretic. Derivative of salicylic acid. mp = 139-141°; LD₁₀ (rat orl) = 7000 mg/kg.**5930 Flunixin**

38677-85-9 4182



2-(2-Methyl-3-trifluoromethylanilino)nicotinic acid.

Sch-14714. Analgesic; anti-inflammatory; antipyretic. Cyclooxygenase inhibitor. mp = 226-228°; pKa¹ = 5.28. *Schering Corp.***5931 Flunixin Meglumine**

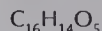
42461-84-7 4182 255-836-0



2-(2-Methyl-3-trifluoromethylanilino)nicotinic acid compound with 1-deoxy-1-(methylamino)-D-glucitol (1:1).

Banamine; Finadyne. Analgesic; anti-inflammatory; antipyretic. Cyclooxygenase inhibitor. mp = 135-139°; soluble in H₂O. *Schering Corp.***5932 Guacetisal**

55482-89-8 886 259-663-1

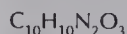


2-(Acetyloxy)benzoic acid 2-methoxyphenyl ester.

Broncaspin; Guaiaspir. Analgesic; antipyretic; anti-inflammatory. See aspirin.

5933 Imidazole Salicylate

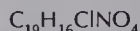
36364-49-5 4949



Salicylic acid compound with imidazole (1:1).

salizolo; IFT-182; Flogozen; Selezen. Anti-inflammatory; analgesic; antipyretic. Derivative of salicylic acid. Also used in heat-sensitive copying materials. mp = 123-124°; λ_m = 300 nm (E_{1cm}^{1%} 182.5); soluble in H₂O (>100 mg/ml); LD₅₀ (mmus sc) = 763 mg/kg, (mmus iv) = 422 mg/kg, (mmus orl) = 1121 mg/kg. *Italfarmaco.***5934 Indomethacin**

53-86-1 4998 200-186-5



1-(p-Chlorobenzoyl)-5-methoxy-2-methylindol-3-acetic acid.

Amuno; Argun; Artracin; Artrinovo; Bonidin; Catlep; Chibro-Amuno; Chrono-Indicid; Confortid; Dolcidium; Durametacin; Elmetacin; Idomethine; Imbrilon; Inacid; Indacin; Indocid; Indocin; Indomed; Indomee; Indomethine; Indomod; Indo-Phlogont; Indoptic; Indoptol; Indorektal; Indo-Tablinen; Indoxen; Inflazon; Infrocin; Inteban SP; Lausit; Mezzolin; Miametan; Mobilan; Rhemacin LA; Tannex; Vonum; Liometacen [as meglumine salt]. Anti-inflammatory; analgesic; antipyretic. Arylacetic acid derivative. mp = 155-162°; λ_m = 230, 260, 319 nm (ε 10800, 16200, 6290 in EtOH); pKa = 4.5; soluble in EtOH, Et₂O, Me₂CO, castor oil; nearly insoluble in H₂O; decomposes in strong alkali; LD₅₀ (rat ip) = 13 mg/kg. *Lemmon Co.; Merck & Co., Inc.; Gruppo Lepetit S.p.A.; Sumitomo.***5935 Indomethacin Sodium Trihydrate**

74252-25-8 4998



Sodium 1-(p-chlorobenzoyl)-5-methoxy-2-methylindol-3-acetic acid trihydrate.

Indocin IV; Osmosin. Anti-inflammatory; analgesic; antipyretic. Arylacetic acid derivative. pH (1% aqueous solution) = 8.4; soluble in MeOH, H₂O; slightly soluble in CHCl₃, Me₂CO. *Merck & Co., Inc.***5936 Isofezolac**

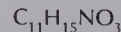
50270-33-2 5188 256-512-1



1,3,4-Triphenylpyrazole-5-acetic acid.

LM-22102; Sofenac. Anti-inflammatory; analgesic; antipyretic. Arylacetic acid derivative. mp = 200°; LD₅₀ (mus orl) = 215 mg/kg, (rat orl) = 13 mg/kg.**5937 p-Lactophenetide**

539-08-2 5355 208-708-3



N-(4-Ethoxyphenyl)-2-hydroxypropanamide.

4'-ethoxylactanilide; Fenolactine; Lactophenin; Phenolactine. Analgesic; antipyretic mp = 117-118°; somewhat soluble in H₂O (1 g/330 ml cold, 1 g/55 ml hot); more soluble in alcohol (1 g/8.5 ml); slightly soluble in Et₂O, petroleum ether.**5938 Lofemizole**

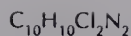
65571-68-8 265-818-4



4-(p-Chlorophenyl)-5-methylimidazole.

Anti-inflammatory; analgesic; antipyretic. *Farmatis S.R.L.***5939 Lofemizole Hydrochloride**

70169-80-1

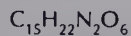


4-(p-Chlorophenyl)-5-methylimidazole monohydrochloride.

Anti-inflammatory; analgesic; antipyretic. *Farmatis S.R.L.*

5940 Lysine Acetylsalicylate

62952-06-1 5668 263-769-3



DL-Lysine mono[2-(acetyloxy)benzoate].

aspirin DL-lysine; aspirin lysine salt; lysine monosalicylate acetate; LAS; Aspidol; Delgesic; Flectadol; Lysal; Quinvet; Venopirin; Vetalgina. Analgesic; antipyretic; anti-inflammatory. H_2O soluble, injectable aspirin derivative. mp = 154-156°; soluble in H_2O ; slightly soluble in EtOH; insoluble in organic solvents.

5941 Magnesium Acetylsalicylate

132-49-0 5689 205-062-4



2-(Acetyloxy)benzoic acid magnesium salt.

magnesium aspirin; Apyron; Fyracyl; Magisal; Magnespirin; Novacetyl. Analgesic; anti-inflammatory.

Soluble in H_2O ; less soluble in organic solvents.

5942 Meclofenamate Sodium

6385-02-0

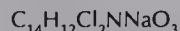


[4S-(4 α ,4a α ,5 α ,5a α ,12a α)]-7-chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-penta-hydroxy-6-methylene-1,11-dioxo-2-naphthacene-carboxamide.

Meclan; Mecloderm; Meclosorb; Meclutin; Traumatociclina. Analgesic; anti-inflammatory; antipyretic. Aminoarylcarboxylic acid derivative. *Parke-Davis*.

5943 Meclofenamate Sodium

6385-02-0 5819 228-983-3



2-[(2,6-Dichloro-3-methylphenyl)amino]benzoate sodium salt monohydrate.

Lenidolor; Meclodol; Meclomen; Movens. Anti-inflammatory; antipyretic. Aminoarylcarboxylic acid derivative. mp = 289-291°; soluble in H_2O (15 mg/ml), pH = 8.7. *Parke-Davis*.

5944 Meclofenamic Acid

644-62-2 5819 211-419-5

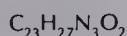


2-[(2,6-Dichloro-3-methylphenyl)amino]benzoic acid.

meclophenamic acid; Cl-583; INF-4668; Arquel. Anti-inflammatory; antipyretic. Aminoarylcarboxylic acid derivative. mp = 257-259° (also as 248-250°); slightly soluble in H_2O (0.03 mg/ml); more soluble in 0.1N NaOH (28 mg/ml); pH (saturated aqueous solution) 6.9. *Parke-Davis*.

5945 Morazone

6536-18-1 6349 229-447-1



4-[(3-Methyl-2-phenyl-4-morpholino)methyl]antipyrine.

R-445; Tarugan. Analgesic; anti-inflammatory; antipyretic. A pyrazolone. mp = 149-150°; soluble in CHCl_3 , MeOH, Me_2CO ; slightly soluble in Et_2O .

Ravensberg.

5946 Morazone Hydrochloride

50321-35-2 6349 256-540-4



4-[(3-Methyl-2-phenyl-4-morpholino)methyl]antipyrine monohydrochloride.

Analgesic; anti-inflammatory; antipyretic. A pyrazolone. mp = 171-172° (dec); soluble in H_2O . *Ravensberg*.

5947 Morpholine

110-91-8 6362 203-815-1

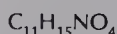


Tetrahydro-2H-1,4-oxazine.

diethylene oximide; diethylene imidoxide. Analgesic; antipyretic, anti-inflammatory. Also used as solvent for resins, waxes, casein, dyes. CAUTION: Overexposure may cause visual disturbance, nose irritation, coughing, respiratory irritation, eye and skin irritation, liver and kidney damage. Liquid; mp = -4.9°; bp₇₆₀ = 128.9°; bp₆ = 20.0°; d_4^{20} = 1.007; n_D^{20} = 1.4540; miscible with H_2O , many organic solvents, oils; LD₅₀ (fem rat orl) = 1050 mg/kg.

5948 Morpholine Salicylate

147-90-0 6362 205-703-8



Tetrahydro-2H-1,4-oxazine salicylate.

Retacryl; Deposal. Analgesic; antipyretic, anti-inflammatory. mp = 110-111°; soluble in H_2O , alcohols, EtOAc, Me_2CO , C_6H_6 , CHCl_3 ; nearly insoluble in C_7H_8 , xylene, petroleum ether, Et_2O , CCl_4 .

5949 Naproxen

22204-53-1 6504 244-838-7

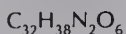


(+)-6-Methoxy- α -methyl-2-naphthaleneacetic acid.

MNPA; RS-3540; Bonyl; Diocodal; Dysmenalgit; Equiproxen; Floginax; Laraflex; Laser; Naixan; Napren; Naprium; Naprius; Naprosyn; Naprosyne; Naprux; Naxen; Nycopren; Panoxen; Prexan; Proxen; Proxine; Reuxen; Veradol; Xenar. Anti-inflammatory; analgesic; antipyretic. Arylpropionic acid derivative. mp = 152-154°; $[\alpha]_D^{25}$ = +66° (c = 1 in CHCl_3); nearly insoluble in H_2O ; soluble in organic solvents; LD₅₀ (mus orl) = 1234 mg/kg, (rat orl) = 534 mg/kg, (rat ip) = 575 mg/kg. *Syntex Labs. Inc.*

5950 Naproxen Piperazine

70981-66-7 6504

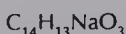


(+)-6-Methoxy- α -methyl-2-naphthaleneacetate piperazine salt (2:1).

piproxen; Numidan. Anti-inflammatory; analgesic; antipyretic. Arylpropionic acid derivative. *Syntex Labs. Inc.*

5951 Naproxen Sodium

26159-34-2 6504 247-486-2



(-)-Sodium 6-methoxy- α -methyl-2-naphthaleneacetate.

RS-3560; Aleve; Anaprox; Apranax; Axer; Alfa; Flanax; Gynestrel; Miranax; Primeral; Synflex. Anti-inflammatory; analgesic; antipyretic. Arylpropionic acid derivative. mp

= 244-246°; $[\alpha]_D = -11^\circ$ (in MeOH). *Syntex Labs. Inc.*

5952 Naproxol

26159-36-4

$C_{14}H_{16}O_2$

(-)-6-Methoxy- β -methyl-2-naphthaleneethanol.

RS-4034. Anti-inflammatory; analgesic; antipyretic. *Syntex Labs. Inc.*

5953 Nifenazone

2139-47-1

6619

218-387-1

$C_{17}H_{16}N_4O_2$

N-Antipyrinylnicotinamide.

N-nicotinoylaminoantipyrine; Dolongan; Nicopyron; Nikofezon; Niprazine; Phenicazone; Reupiron; Thylin. Analgesic; antipyretic. mp = 252-253° (also as 256-258°); slightly soluble in H_2O , Me_2CO , ethylacetate, Et_2O ; soluble in hot H_2O , alcohol, $CHCl_3$, dilute acids.

5954 5'-Nitro-2'-propoxyacetanilide

553-20-8

6726

$C_{11}H_{14}N_2O_4$

N-(5-Nitro-2-propoxyphenyl)acetamide.

Falimint. Antipyretic; analgesic. mp = 102.5-103.5°. *Schwartz's Essencefabriken.*

5955 Phenacetin

62-44-2

7344

200-533-0

$C_{10}H_{13}NO_2$

N-(4-Ethoxyphenyl)acetamide.

p-acetophenetidine; p-ethoxyacetanilide; para-acetphenetidin; acetophenetidin; acetphenetidin; Phenin; component of: P-A-C compound, APC Tablets. Analgesic; antipyretic. CAUTION: may be a carcinogen. mp = 134-135°; soluble in H_2O (1 g in 1310 ml cold, 82 ml boiling), EtOH (1 g in 15 ml cold, 2.8 ml boiling), Et_2O (1 g/90 ml), $CHCl_3$ (1 g/14 ml); LD_{50} (rat orl) = 1650 mg/kg. *Monsanto Co.; Marion Merrell Dow Inc.; Upjohn Ltd.*

5956 Phenicarbazide

103-03-7

7378

203-072-3

1-Phenylsemicarbazide.

2-phenylhydrazinecarboxamide; Cryogenine; Kryogenin. Antipyretic. mp = 172°; soluble in hot H_2O , alcohol, MeOH, Me_2CO ; very slightly soluble in cold H_2O , Et_2O , C_6H_6 , ligroin.

5957 Phenocoll

103-97-9

7388

203-163-8

$C_{10}H_{14}N_2O_2$

2-Amino-4'-ethoxyacetanilide.

phenokoll; Phenamine. Antipyretic; analgesic. mp = 100.5°. *Schering Corp.*

5958 Phenocoll Salicylate

140-47-6

7388

$C_{17}H_{20}N_2O_5$

2-Amino-4'-ethoxyacetanilide salicylate.

Salocoll. Antipyretic; analgesic. Soluble in H_2O (0.5% cold, 5% hot). *Schering Corp.*

5959 Phenoprazone

3426-01-5

7401

222-324-3

$C_{15}H_{12}N_2O_2$

1,4-Diphenylpyrazolidine-3,5-dione.

Analgesic; antipyretic. mp = 233-234°. *Knoll Pharmaceutical Co.*

5960 Phenyl Acetylsalicylate

134-55-4

7424

205-147-6

$C_{15}H_{12}O_4$

2-(Acetyloxy)benzoic acid phenyl ester.

acetylphenylsalicylate; Acetylsalol; Spiroform; Vesipyrin.

Analgesic, anti-inflammatory; antipyretic. mp = 97°; bp₁₁ = 198°; insoluble in H_2O ; soluble in alcohol, Et_2O .

5961 Phenyl Salicylate

118-55-8

7464

204-259-2

$C_{13}H_{10}O_3$

2-Hydroxybenzoic acid phenyl ester.

Salol. Analgesic, anti-inflammatory; antipyretic. Also used in the manufacture of plastics, laquers, adhesives, waxes, polishes; used in suntan oils and creams. Has some light absorbing and plasticizer properties. mp = 41-43°; bp₁₂ = 173°; d = 1.25; slightly soluble in H_2O (1 g/6670 ml); more soluble in alcohol (1 g/6 ml), C_6H_6 (1 g/1.5 ml), amyl alcohol (1 g/5 ml), liquid paraffin (1 g/10 ml), almond oil (1 g/4 ml); soluble in Me_2CO , $CHCl_3$, e.

5962 Pipebuzone

27315-91-9

7610

248-398-7

$C_{25}H_{32}N_4O_2$

4-Butyl-4-[(4-methyl-1-piperazinyl)methyl]-1,2-diphenyl-3,5-pyrazolidinedione.

LD-4644; Elarzone. Anti-inflammatory; analgesic; antipyretic. Derivative of phenylbutazone, an anti-inflammatory agent. A pyrazolone. mp = 129°.

5963 Pirfenidone

53179-13-8

$C_{12}H_{11}NO$

5-Methyl-1-phenyl-2(1H)pyridone.

AMR-69. Analgesic, anti-inflammatory; antipyretic.

5964 Propacetamol

66532-85-2

7976

266-390-1

$C_{14}H_{20}N_2O_3$

N,N-Diethylglycine 4-(acetylamino)phenyl ester.

4-acetamidophenyl (diethylamino)acetate; 4'-hydroxyacetanilide. Analgesic; antipyretic. Injectable prodrug of acetaminophen. Oil. *Hexachemie.*

5965 Propacetamol Hydrochloride

66532-86-3

7976

$C_{14}H_{22}ClN_2O_3$

N,N-Diethylglycine 4-(acetylamino)phenyl ester hydrochloride.

UP-34101; Pro-Dafalgan. Analgesic; antipyretic. Injectable prodrug of acetaminophen. mp = 228°; soluble in H_2O . *Hexachemie.*

5966 Propyphenazone

479-92-5

8056

207-539-2

$C_{14}H_{18}N_2O$

4-Isopropyl-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one.

4-isopropylphenazone; isopropylphenazone; Budirol; Causyth; Cibalgina; Eufibron; Isopropchin. Analgesic; antipyretic; anti-inflammatory. A pyrazolone. mp = 103°; soluble in H_2O (0.24 g/100 g at 16.5°), organic solvents.

Hoffmann-LaRoche Inc.

5967 Ramifenazone

3615-24-5 8282 222-791-3



4-Isopropylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one.

4-isopropylaminoantipyrine; isopropylaminophenazone; isopyrin; component of: Tomanol (with phenylbutazine). Analgesic, anti-inflammatory; antipyretic. A pyrazolone. mp = 80°; LD₅₀ (mus ip) = 843 mg/kg, (mus orl) = 1070 mg/kg.**5968 Salacetamide**

487-48-9 8471 207-656-9



N-Acetyl-2-hydroxybenzamide.

N-acetylsalicylamide; acetsalicylamide; Actylamide. Analgesic, anti-inflammatory; antipyretic. Derivative of salicylic acid. mp = 148°.

5969 Salcolex

28038-04-2



Choline salicylate (salt) compound with magnesium sulfate (2:1).

Analgesic, anti-inflammatory; antipyretic. *Wallace Labs.***5970 Salcolex Anhydrous**

54194-00-2



Choline salicylate (salt) compound with magnesium sulfate (2:1) tetrahydrate.

Analgesic, anti-inflammatory; antipyretic. *Wallace Labs.***5971 Salicylamide O-Acetic Acid**

25359-22-6 8481



[2-(Aminocarbonyl)phenoxy]acetic acid.

o-(carbamylphenoxy)acetic acid. Analgesic, anti-inflammatory; antipyretic. Derivative of salicylic acid. mp = 221°; soluble in aqueous alkali.

5972 Salicylamide O-Acetic Acid Sodium Salt

3785-82-8 8481



[2-(Aminocarbonyl)phenoxy]acetate sodium salt (1:1).

Salizell ampules. Analgesic, anti-inflammatory; antipyretic. Derivative of salicylic acid. mp = 212-215°.

5973 Sodium Salicylate

54-21-7 8819 200-198-0



2-Hydroxybenzoic acid monosodium salt.

Alysine; Idocyl; Enterosalicyl; Enterosalil. Analgesic; antipyretic. Used as a preservative. Soluble in H₂O (1.1 g/ml), less soluble in organic solvents; incompatible with ferric salts, lime H₂O, spirit nitrous Et₂O, mineral acids, iodine, lead acetate, silver nitrate, sodium phosphate; LD₅₀ (rat ip) = 780 mg/kg.**5974 Talmecatin**

67489-39-8

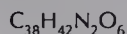


(+)-1-(p-Chlorobenzoyl)-5-methoxy-2-methylindole-3-

acetic acid ester with 3-hydroxyphthalide.

BA-7605-06. Analgesic, anti-inflammatory; antipyretic. *Lab. Bago, S.A.; Resfar S.R.L.***5975 Tetrandrine**

518-34-3 9369



(β)-6,6',7,12-Tetramethoxy-2,2'-dimethylberbaman.

Phaenthine (l-form). Analgesic; antipyretic. Found in root of *Staphania tetandra* s. Moore, *Menispermaceae*. Present in Chinese drug han-fang-chi. mp = 217-218°; mp (l-form) = 210°; [α]_D²⁶ = +252.4° (in CHCl₃); [α]_D²⁶ (l-form) = -278° (in CHCl₃); nearly insoluble in H₂O, petroleum ether; soluble in some other organic solvents.**5976 Tetrydamine**

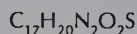
17289-49-5



4,5,6,7-Tetrahydro-2-methyl-3-(methylamino)-2H-indazol.

POLI-67. Analgesic; anti-inflammatory. *Polichimica Sap.***5977 Tinoridine**

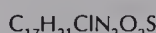
24237-54-5 9590 246-102-0



Ethyl 2-amino-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-c]-pyridine-3-carboxylate.

Y-3642. Analgesic, anti-inflammatory; antipyretic. Arylcarboxylic acid derivative. mp = 112-113°; slightly soluble in H₂O; LD₅₀ (mus orl) = 5400 mg/kg, (rat orl) > 10200 mg/kg, (mus ip) = 1600 mg/kg, (rat ip) = 1250 mg/kg. *Yoshitomi.***5978 Tinoridine Hydrochloride**

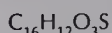
25913-34-2 9590



Ethyl 2-amino-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-c]-pyridine-3-carboxylate hydrochloride.

Dimaten; Noflamin. Analgesic, anti-inflammatory; antipyretic. Arylcarboxylic acid derivative. mp = 234-235° (dec); slightly soluble in MeOH; less soluble in H₂O, Et₂O, Me₂CO, C₆H₆; LD₅₀ (mus orl) = 1601 mg/kg. *Yoshitomi.***5979 Tiopinac**

61220-69-7



6,11-Dihydro-11-oxodibenzo[b,e]thiepin-3-acetic acid.

RS-40974. Analgesic, anti-inflammatory; antipyretic. *Syntex Labs. Inc.*

Antirickettsials

5980 p-Aminobenzoic Acid

150-13-0 443



4-Aminobenzoic acid.

para-aminobenzoic acid; vitamin B₉; bacterial vitamin H¹; chromotrichia factor; antichromotrichia factor; trichochromogenic factor; anticant vitamin; PABA; Amben; Paraminol; Sunbrella; component of: Pabanol, PreSun. Ultra-violet screen; antirickettsial (formerly). A naturally occurring B complex factor. Found in baker's yeast (5-6 ppm) and brewer's yeast (10-100 ppm). mp =

187.0-187.5°; pKa = 4.65, 4.80; pH (0.5%) = 3.5; λ_m = 2.66 nm ($E_{1\text{ cm}}^{1\%}$ 1070 H₂O); soluble in H₂O, alcohol, Et₂O, EtOAc, glacial acetic acid; slightly soluble in C₆H₆; nearly insoluble in petroleum ether; LD₅₀ (mus orl) = 2.85 g/kg, (rat orl) > 6.0 g/kg, (rbt orl) = 1.83 g/kg, (rbt iv) = 2.0 g/kg. *California Research Co.; DuPont Merck Pharmaceutical Co.; Heyden Chemical.*

5981 Chloramphenicol

56-75-7 2120 200-287-4

C₁₁H₁₂Cl₂N₂O₅
[R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide.
Ak-Chlor; Amphicol; Anacetin; Aquamycetin; Chemicetina; Chloramex; Chlorasol; Chloricol; Chlorocid; Chloromycetin; Chloroptic; Cloramfen; Clorocyn; ; Enicol; Farmicetina; Fenicol; Globenicol; Intramycetin; Kemicetine; Leukomycin; Micoclorina; Mychel; Mycinol; Novomycetin; Ophthochlor; ; Pantovernil; Paraxin; Quemisetina; Ronphenil; Sintomicetina; Sno Phenicol; Synthomycetin; Tenvocin; Tifomycine; Veticol; Viceton. Antibacterial; antirickettsial. A broad spectrum antibiotic obtained from cultures of the soil bacterium *streptomyces venezuelae*. mp = 150.5-151.5°; sublimes in high vacuum; [α_D^{27}] = +18.6° (c = 4.86 in EtOH); [α_D^{25}] = -25.5° (EtOAc); λ_m = 278 nm (E 298); fairly soluble in H₂O, propylene glycol, Et₂O; very soluble in alcohol. *Allergan, Inc.; Chinoïn; Parke-Davis; TechAmerica.*

5982 Chloramphenicol Arginine Succinate

982-57-0 2120

C₂₁H₃₀Cl₂N₆O₁₀
[R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide monosuccinate arginine.
chloramphenicol monosuccinate arginine salt; Paraxin Succinate A. Antibacterial; antirickettsial. A broad spectrum antibiotic obtained from cultures of the soil bacterium *streptomyces venezuelae*. mp = 135-145° (dec). *Chinoïn.*

5983 Chloramphenicol Palmitate

530-4308 2120 208-477-9

C₂₇H₄₂Cl₂N₂O₆
[R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl) propyl ester hexadecanoic acid.
Chlorambon; Chloropal; Chlorolifarina. Antibacterial; antirickettsial. A broad spectrum antibiotic obtained from cultures of the soil bacterium *streptomyces venezuelae*. mp = 90°; [α_D^{27}] = +24.6° (c = 5 EtOH); λ_m (EtOH) = 271 nm (E 179); very slightly soluble in H₂O, petroleum ether; freely soluble in alcohol, CHCl₃, Et₂O, C₆H₆. *Chinoïn.*

5984 Chloramphenicol Pantothenate Complex

313342-36-6 2120

C₆₂H₈₀CaCl₈N₁₀O₃₀
N-(2,4-Dihydroxy-3,3-dimethyl-1-oxobutyl)-β-alanine calcium salt (2:1) with [R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide (1:4).
chloramphenicol pantothenate calcium complex (4:1); Pantofenicol. Antibacterial; antirickettsial. A broad spectrum antibiotic obtained from cultures of the soil bacterium *streptomyces venezuelae*. *Chinoïn;*

Pluriquímica.

5985 Chloramphenicol Sodium Succinate [sterile]

982-57-0 2120 213-568-1

C₁₅H₁₅Cl₂N₂NaO₈
[R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide monosuccinate sodium.
chloramphenicol monosuccinate sodium salt; Protophenicol. Antibacterial; antirickettsial. A broad spectrum antibiotic obtained from cultures of the soil bacterium *streptomyces venezuelae*. Freely soluble in H₂O. *Chinoïn.*

5986 Oxytetracycline Hydrochloride

2058-46-0 7111 218-161-2

C₂₂H₂₅ClN₂O₉
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide monohydrochloride.
Alamycin; Aquacycline; Bio-Mycin; Duphacycline; Engemycin; Geomycin; Gynamousse; Macocyn; Medamycin; Occrycetin; Oxlopar; Oxybiocycline; Oxybiotic; Oxycyclin; Oxy-Dumocyclin; Oxyject; Oxylag; Oxypan; Oxytetracid; Oxytetrin; Terrafungine; Terraject; Terramycin Hydrochloride; Tetramel; Tetran; Tetra-Tabilinen; Toxinal; Vendarcin; component of: Terra-Cortril. Antibacterial; antirickettsial. Very soluble in H₂O; soluble in absolute ethanol; 95% EtOH. *Fermenta Animal Health Co.; Parke-Davis; Pfizer Inc.; TechAmerica.*

5987 Tetracycline

60-54-8 9337 200-481-9

C₂₂H₂₄N₂O₈
(4S,4aS,5aS,6S,12aS)-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide.
Liquamycin; Mystecilin-F; Talsutin; tsiklomitsin; Abricycline; Ambramycin; Bio-Tetra; Cyclomycin; Dumocyclin; Tetradeclin. Antiamebic, antibacterial and antirickettsial. mp = 170-175° (dec); [α_D^{25}] = -257.9° (0.1 N HCl), -239° (MeOH); λ_m = 220, 268, 355 nm (ϵ 13000, 18040, 13320 0.1N HCl); soluble in H₂O (1.7 mg/ml), MeOH (> 20 mg/ml); LD₅₀ (rat orl) = 707mg/kg, (mus orl) = 808 mg/kg. *Pfizer Inc.; Bristol-Myers Squibb Co.*

Antiseborrheics**5988 Chloroxine**

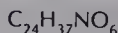
773-76-2 2227 212-258-3

C₉H₅Cl₂NO
5,7-Dichloro-8-quinolinol.
Capitol. Antiseborrheic. mp = 179-180°; soluble in C₆H₆, Me₂CO; slightly soluble in cold alcohol, AcOH; readily soluble in sodium and potassium hydroxides and in acids, forming yellow solutions. *Westwood-Squibb Pharmaceuticals, Inc.*

5989 3-O-Lauroylpyroxidoxol Diacetate

1562-13-6

5401

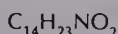


5-Lauroyloxy-6-methyl-3,4-pyridinedimethanol diacetate. Epixine; Rosamit. Antiseborrheic. mp = 44°; practically insoluble in H₂O; soluble in Et₂O, CHCl₃, EtOH, ethylene dichloride. Soc. *Belge des Labs. Labaz.*

5990 Piroctone

50650-76-5

7657



1-Hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)-2(1H)-pyridone.

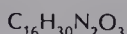
Antiseborrheic. mp = 108°. *Hoechst.*

5991 Piroctone Olamine

68890-66-4

7657

272-574-2



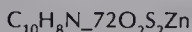
1-Hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)-2(1H)-pyridone compound with 2-aminoethanol (1:1). piroctone ethanolamine salt; Octopirox. Antiseborrheic. *Hoechst.*

5992 Pyrithione Zinc

13463-41-7

8178

236-671-3



Bis[1-hydroxy-2(1H)-pyridinethionato]zinc. zinc pyrithione; zinc pyridinethione; bis(2-pyridylthio)zinc 1,1'-dioxide; Desquamant; Ingredient in: Head & Shoulders. Antibacterial; antifungal; antiseborrheic. *Herbert; Lederle Labs.; Olin Research Ctr.; Westwood-Squibb Pharmaceuticals, Inc.*

5993 Resorcinol

1008-46-3

8323

203-585-2



1,3-Benzenediol.

m-dihydroxybenzene; resorcin; component of: Acnomel, Rezamid, Sulfocin. Keratolytic; antiseborrheic. CAUTION: Irritating to skin, mucous membranes; absorption can cause methemoglobinemia, cyanosis, convulsions, death. mp = 109-111°; soluble in H₂O, alcohol; freely soluble in Et₂O, glycerol; slightly soluble in CHCl₃; protect from light; incompatible with acetanilide, albumin, alkalies, antipyrine, camphor, ferric salts, menthol, spirit nitrous ether, urethan. *Dermik Labs., Inc.; Menley & James Labs., Inc.*

5994 Resorcinol Monoacetate

102-29-4

8323

203-022-0



1,3-Benzendiol monoacetate.

acetylresorcinol; Euresol. Keratolytic; antiseborrheic. CAUTION: Irritating to skin, mucous membranes; absorption can cause methemoglobinemia, cyanosis, convulsions, death. Oily liquid; bp 283° with decomposition; miscible with alcohol, C₆H₆, CHCl₃, Me₂CO; soluble in solutions of alkali hydroxides. *Knoll Pharmaceutical Co.*

5995 Selenium Disulfide

7488-56-4

8580

231-303-8



Selenium sulfide.

Exsel; Seleen; Selsun; Selsun 8blue. Antiseborrheic

(topical). Insoluble in H₂O; LD₅₀ (rat orl) = 138 mg/kg. *Abbott Labs.; Herbert; Ross Products.*

5996 Tioxolone

4991-65-5

9600

225-653-0



6-Hydroxy-1,3-benzoxathiol-2-one.

thioxalone; Camyna; Stepin. Antiseborrheic; antiacne. mp = 160°; practically insoluble in H₂O; soluble in EtOH, iPrOH, propylene glycol, Et₂O, C₆H₆, C₇H₈; hydrolyzed by alkali. *Tillots Labs.; Winthrop.*

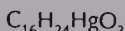
Antiseptics

5997 Acetomerocetol

584-18-9

63

209-534-0



(Acetato-O)[2-hydroxy-5-(1,1,3,3-tetramethylbutyl)-pheylyl]mercury.

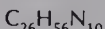
Merbak. Antiseptic; topical anti-infective. Phenol. mp = 158°; nearly insoluble in H₂O; soluble in alcohol, CHCl₃; sparingly soluble in C₆H₆.

5998 Alexidine

22573-93-9

231

245-096-7



1,1-Hexamethylenebis[5-(2-ethylhexyl)biguanide].

Win-21904; compound 904; Sterwin 904; Bisguanidine. Antibacterial; antiseptic. A guanidine. mp = 220.6-223.4°. *Sterling Research Labs.*

5999 Aluminum Acetate Solution

139-12-8

332

205-354-1



Acetic acid aluminum salt.

Burow's solution; Buro-Sol Concentrate; Domeboro; component of: Otic Domeboro. Antiseptic (topical); astringent. Colorless liquid; d 1.002; pH (1:20 aqueous solution) = 4.2. *Doak Pharmacal Co.; Miles.*

6000 Aluminum Subacetate Solution

142-03-0

380

205-518-2



8is(acetato-O)hydroxyaluminum.

Essigsäure Tonerde; basic aluminum acetate. Antiseptic (topical); astringent. Also used as mordant in fabric dyeing, fireproofing, and printing; used in antiperspirants and embalming fluids. CAUTION: Ingestion may cause severe nausea, vomiting, diarrhea, melena, hematemesis. Colorless liquid; d = 1.045; gradually becomes turbid and colloidal; basic salt precipitates out.

6001 Aluminum Sulfate

10043-01-3

381

233-135-0



Aluminum sulfate (2:3).

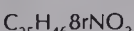
alunogenite; cake alum [as octadecahydrate]; patent alum [as octadecahydrate]; component of: 8luboro. Antiseptic.

Soluble in H₂O; nearly insoluble in alcohol. *Herbert.*

6002 Amantanum Bromide

58158-77-3

390



Decyl(2-hydroxyethyl)dimethylammonium bromide 1-

adamantanecarboxylate.

Amantol. Antiseptic. Quaternary ammonium compound.
mp = 182-184°; LD₅₀ (mus orl) = 910 mg/kg. *Lever Brothers; Rotta Pharm.*

6003 Ambazone

6011-12-7 395 208-713-0

C₈H₁₁N₇S

p-Benzoquinone amidinohydrazone thiosemicarbazone hydrate.

Inversal; Primal; Promassol. Antibacterial; antiseptic. Guanidine. Dec 195°; sparingly soluble in H₂O; moderately soluble in alcohol, Me₂CO; freely soluble in DMF, dilute acids. *Bayer AG.*

6004 3-Amino-4-hydroxybutyric Acid

589-44-6 463

C₄H₉NO₃

γ-Hydroxy-β-aminobutyric acid.

GOBAB. Antiseptic; anti-inflammatory; antifungal. mp = 216°, 228°, 233°. *Kaken.*

6005 Aminoquinuride

3811-56-1 496

C₂₁H₂₀N₆O

1,3-Bis(4-amino-2-methyl-6-quinolyl)urea.

aminoquincarbamide; aminochinuride; aminokinuride; Surfen. Antiseptic. Quinoline. Dec 255° (effervescence). *I.G. Farben.*

6006 Ammonium Benzoate

1863-63-4 521 217-468-9

C₇H₉NO₂

Benzoic acid ammonium salt.

Used in medicine as a urinary anti-infective. Also used as a preservative for latex and glue. mp = 198°; d = 1.26; soluble in H₂O (0.21 g/ml), less soluble in organic solvents; incompatible with ferric salts, alkali hydroxides, carbamates. *Hooker Chemical.*

6007 Balsam of Peru

8007-00-9 232-352-8

Peruvian balsam; Indian balsam; China oil; Black balsam; Honduras balsam, Surinam balsam. An oleoresin obtained from the bark of *Myroxylon pereinaeg*. It contains esters of cinnamic and benzoic acids. Antiseptic, used in medicine and perfumery.

6008 Benzalkonium Chloride

8001-54-5 1086 264-151-6

Alkylbenzyltrimethylammonium chloride.

Benirol; BTC; Capitol; Cequartyl; Drapolene; Drapox; Enuclen; Germinol; Germitol; ; Osvan; Paralkan; Roccal; Rodalon; Zephiran Chloride; Zephirol. Antiseptic. A mixture of alkyltrimethylbenzylammonium chlorides used as a topical antiseptic and udder wash (veterinary). Very soluble in H₂O, alcohol, Me₂CO; slightly soluble in C₆H₆; almost insoluble in Et₂O; LD₅₀ (rat orl) = 400 mg/kg; incompatible with anionic detergents and nitrates. *Alcon Labs.; Ortho Pharmaceutical Corp.; Sterling Winthrop, Inc.*

6009 Benzethonium Chloride

121-54-0 1103 204-479-9

C₂₇H₄₂ClNO₂

Benzyltrimethyl[2-[2-[p-(1,1,3,3-

tetramethylbutyl)phenoxy]ethoxy]ethyl]ammonium chloride.

Phemerol Chloride. Topical antiseptic (veterinary); topical anti-infective. Quaternary ammonium compound. CAUTION: Ingestion may cause vomiting, collapse, convulsions, coma. mp = 164-166°; soluble in H₂O, alcohol, Me₂CO, CHCl₃; incompatible with soap, anionic detergents; LD₅₀ (rat) = 420 mg/kg. *Parke-Davis.*

6010 Benzoxiquine

86-75-9 1143 201-697-6

C₁₆H₁₁NO₂

8-Quinolol benzoate.

benzoxoquine; NSC-3951; Dioxyline. Antiseptic. Quinoline. mp = 118-120°; soluble in alcohol, Et₂O. *UCB.*

6011 Benzoxonium Chloride

19379-90-9 1144 243-008-1

C₂₃H₄₂ClNO₂

Benzyltridecylbis(2-hydroxyethyl)ammonium chloride.

D-301; ZY-15021; Absonal V; Bialcol; Bradophen; Orofar. Antiseptic. Quaternary ammonium compound.

mp = 107-109°; soluble in H₂O, alcohol, C₆H₆, C₇H₈, C₆H₆. LD₅₀ (rat orl) = 750 mg/kg. *Ciba plc.*

6012 Bisdiquinium Chloride

52951-36-7 1288

C₄₀H₅₈Cl₂N₄

1,1'-Decamethylene-4,4'-(1,10-decamethylenedimino)bis[quinadinium chloride].

Salvizol. Antiseptic; disinfectant. Quaternary ammonium compound.

6013 Bismuth Iodide Oxide

7787-63-5 1309 232-126-9

BiO

Bismuth oxyiodide.

basic bismuth iodide; bismuthyl iodide; bismuth subiodide; iodoxobismuthine. Antiseptic. Halogen containing compound. Reddish powder or crystals; d = 7.92; nearly insoluble in H₂O, alcohol, CHCl₃; soluble in HCl.

6014 Bismuth Iodosubgallate

138-58-9 1310 205-333-7

C₇H₆BiO₆

Hydroxyiodo[(3,4,5-trihydroxybenzoyl)oxy]bismuthine.

(gallato)hydroxyiodobismuth; bismuth oxyiodogallate; Airoform; Airogen. Antiseptic; anti-infective. Halogen containing compound. Decomposed by H₂O, acids; nearly insoluble in alcohol, Et₂O, CHCl₃; soluble in solutions of alkali hydroxides; light sensitive.

6015 Bismuth Tribromophenate

5175-83-7 1333 225-958-9

C₁₈H₆BiBr₃O₃

Bismuth tris(2,4,6-tribromophenoxy)oxide).

bismuth tribromophenol; tribromophenobismuth; Sigmaform; Xeroform. Antiseptic; anti-infective. Halogen containing compound. Stable below 120°; slightly soluble in H₂O, alcohol, CHCl₃, vegetable oils; decomposed by strong alkalis and strong acid.

6016 Bithionol

97-18-7 1343 202-565-0
 $C_{12}H_6Cl_4O_2S$
 2,2'-Thiobis(4,6-dichlorophenol).
 XL-7; Actamer; Bithin; Lorotheidol. Topical anti-infective, used in veterinary medicine as an anthelmintic and antiseptic. mp = 188°; $d_4^{25} = 1.73$; insoluble in H_2O , soluble in organic solvents. *I.G. Farben; Sterling Winthrop, Inc.*

6017 Bithionol Sodium

6385-58-6 1343
 $C_{12}H_6Cl_4Na_2O_2S$
 2,2'-Thiobis(4,6-dichlorophenol) sodium salt.
 bithionate sodium; Vancide BN. Topical anti-infective. *I.G. Farben.*

6018 Bithionol Sulfoxide

1343

$C_{12}H_6Cl_4O_2S$
 2,2'-Thiobis(4,6-dichlorophenol) sulfoxide.
 BTS; Bitin-s; Disto-5. Topical anti-infective. *I.G. Farben.*

6019 Boric Acid

10043-35-3 1364 233-139-2
 H_3BO_3
 Orthoboric acid.
 boracic acid; Borofax. Antiseptic; astringent. mp 171°; somewhat soluble in H_2O ; more soluble in alcohol; LD_{50} (rat orl) = 5.14 g/kg.

6020 Bornyl Chloride

464-41-5 1369 207-350-5
 $C_{10}H_{17}Cl$
 endo-2-Chloro-1,7,7-trimethylbicyclo[2.2.1]heptane.
 pinene hydrochloride; terpene hydrochloride; turpentine camphor. Antiseptic. Halogen containing compound. mp = 132°; bp = 207-208°; nearly insoluble in H_2O ; soluble in alcohol, Et_2O .

6021 Broxyquinoline

521-74-4 1474 208-317-8
 $C_9H_5Br_2NO$
 5,7-Dibromoquinolin-8-ol.
 Brodiar; Broxykinolin; Colepur; Fenilor; Intensopan. Antiseptic. Quinoline. mp = 196°; d = 2.189; soluble in $CHCl_3$, alcohol, C_6H_6 , AcOH; slightly soluble in Et_2O ; nearly insoluble in H_2O .

6022 Cadexomer Iodine

94820-09-4 1646
 Iodosorb. Antiseptic; antiulcerative; vulnerary. Product of reaction of dextrin with epichlorohydrin coupled with ion-exchange groups and iodine. *Perstorp AB.*

6023 Cadmium Salicylate

19010-79-8 1661 242-749-8
 $C_{14}H_{10}CdO_6$
 Cadmium disalicylate.
 Antiseptic. Phenol. mp = 242° (dec); slightly soluble in cold H_2O , MeOH, EtOH; soluble in boiling H_2O .

6024 Calcium Iodate

7789-80-2 1719 232-191-3

 CaI_2O_6

Iodic acid calcium salt.

Laurarite. Antiseptic. Nutritional source of iodine in foods and feedstuffs. Stable below 540°; $d_4^{14} = 4.519$; sensitive to reducing agents; slightly soluble in H_2O ; more soluble in aqueous solutions of iodides and amino acids; soluble in nitric acid; insoluble in alcohol.

6025 Calcium Peroxide

1305-79-9 1736 215-139-4

 CaO_2

Calcium dioxide.

Antiseptic. Peroxide. Also used as a stabilizer for rubber. Commercial product usually contains 60% CaO_2 with some $Ca(OH)_2$ and $CaCO_3$. Dec in moist air; slightly soluble in H_2O ; soluble in acids with formation of H_2O . Dupont.

6026 Camphor

76-22-2 1779 200-945-Q

 $C_{10}H_{16}O$

1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one.

gum camphor; 2-camphanone; 2-bornanone; 2-keto-1,7,7-trimethyl norcamphane; Japan camphor; Formosa camphor; laurel camphor; component of: Campho-Phenique, Sarna. Antipruritic; antiseptic (topical). Medicine, plasticizer for cellulose nitrate, other explosives and lacquers, insecticides, moth and mildew proofing, tooth powders, flavoring, embalming, pyrotechnics, intermediate. CAUTION: Ingestion or injection may cause nausea, vomiting, vertigo, mental confusion, delirium, clonic convulsions, coma, respiratory failure, death. mp = 179.75°; bp = 204°; $d_4^{25} = 0.992$; $[\alpha]_D^{25} = 41^\circ$ (c=10, EtOH); soluble in H_2O (1 g/800 ml), soluble in organic solvents; LD_{50} (mus ip) = 3000 mg/kg. *Sterling Winthrop, Inc.; Stiefel Labs., Inc.*

6027 Carvacrol

499-75-2 1923 207-889-6

 $C_{10}H_{14}O$

2-Methyl-5-(1-methylethyl)-phenol.

isothymol. Antiseptic. Phenol found in the oil of origanum, thyme, marjoram, and summer savory. An essential oil. mp 0°; bp₇₆₀ = 237-238°; bp₁₈ = 118-122°; bp₃ = 93°; $d_4^{20} = 0.976$; $d_{25}^{25} = 0.9751$; $n_D^{20} = 1.52295$; $\lambda_m = 277.5$ (log ϵ 3.262 in EtOH); volatile with steam; nearly insoluble in H_2O ; soluble in alcohol, Et_2O ; LD_{50} (rbt orl) = 100 mg/kg.

6028 Cetalkonium Chloride

122-18-9 2059 204-526-3

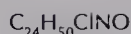
 $C_{25}H_{46}ClN$

Benzylhexadecyldimethylammonium chloride.

cetyldimethylbenzylammonium chloride; Acetoquate CDAC; Acquat CDAC; Ammonyx G; Ammonyx T; Banicol; Cetol; Zetyn. Anti-infective, topical. Quaternary ammonium compound. mp = 59°; soluble in H_2O , alcohol, Me_2CO , EtOAc, propylene glycol, sorbitol solutions, glycerol, Et_2O , CCl_4 ; pH of aqueous solutions 7.2. *I.G. Farben; ICI; Sterling Winthrop, Inc.; Zeeland Chemicals.*

6029 Cethexonium Chloride

58703-78-9

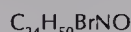


Hexadecyl(2-hydroxycyclohexyl)dimethylammonium chloride.

Antiseptic. Quaternary ammonium compound.

6030 Cethexonium Bromide

1794-74-7 2061



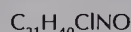
Hexadecyl(2-hydroxycyclohexyl)dimethylammonium bromide.

Biocidan. Antiseptic. Quaternary ammonium compound.

mp = 75°; soluble in H_2O , alcohol, CHCl_3 ; practically insoluble in petroleum ether.

6031 Cetylpyridinium Chloride

6004-24-6 2074

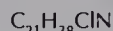


1-Hexadecylpyridinium chloride monohydrate.

Halset. Antiseptic (topical); disinfectant. Quaternary ammonium compound. mp = 77-78°; soluble in H_2O , alcohol, CHCl_3 ; slightly soluble in C_6H_6 , Et_2O ; LD_{50} (rat sc) = 250 mg/kg, (rat ip) = 6 mg/kg, (rat iv) = 30 mg/kg, (rat oral) = 200 mg/kg.

6032 Cetylpyridinium Chloride [anhydrous]

123-03-5 2074 204-593-9

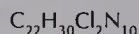


1-Hexadecylpyridinium chloride.

Ceepryn; Cepacol; Dobendan; Medilave; Merocet; Pristacin; Pyrisept. Antiseptic; disinfectant. Quaternary ammonium compound. *Mauvernay; Marion Merrell Dow Inc.*

6033 Chlorhexidine

77146-42-0 2140 200-238-7



1,1-Hexamethylenebis[5-(p-chlorophenyl)biguanide].

Antiseptic; disinfectant. A bisbiguanide with bacteriostatic activity. mp = 134°; strong alkaline reaction; soluble in H_2O at 20°. *ICI.*

6034 Chlorhexidine Acetate

56-95-1 2140 200-302-4

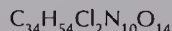


1,1-Hexamethylenebis[5-(p-chlorophenyl)biguanide] diacetate.

Chlorasept 2000; Nolvasan. Antiseptic; disinfectant. A bisbiguanide with bacteriostatic activity. mp = 154-155°; neutral reaction; soluble in H_2O at 20° (1.9 g/100 ml); aqueous solutions decompose above 70°; soluble in alcohol, glycerol; propylene glycol; polyethylene glycols; LD_{50} (mus oral) = 2 g/kg. *ICI.*

6035 Chlorhexidine Gluconate

18472-51-0 2140 242-354-0



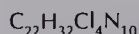
1,1-Hexamethylenebis[5-(p-chlorophenyl)biguanide] di-D-gluconate.

Chlorhexamed; Bacticlens; Corsodyl; Gingisan; Hibiclens; Hibidil; Hibiscrub; Hibital; Hibitane; Peridex; pHiso-Med; Plac Out; Rotersept; Secalan; Sterilon; Unisept; component of: Hibistat. Antiseptic; disinfectant. A bisbiguanide with bacteriostatic activity. soluble in H_2O at 20°; LD_{50} (mus iv) 22 mg/kg, (mus oral) 1800

mg/kg. *Boots Pharmaceuticals Inc.; Stuart; ICI.*

6036 Chlorhexidine Hydrochloride

3697-42-5 2140 223-026-6



1,1-Hexamethylenebis[5-(p-chlorophenyl)biguanide] dihydrochloride.

AY-5312; Lisium. Anti-infective (topical). Dec 260-262°; soluble in H_2O at 20° (0.06 g/100 ml). *ICI.*

6037 Chlorazodin

502-98-7 2171 207-955-4



$\text{N}_2\text{N}'$ -Dichlorodiazenedicarboximidamide.

chlorazodin; dichloroazodicarbonamidine; Azochloramine. Antiseptic. Local anesthetic (veterinary).

Dec explosively at 155°; sparingly soluble in H_2O , alcohol; slightly soluble in other organic solvents; all solutions decompose on exposure to light.

6038 Chlorocresol

59-50-7 2184 200-431-6



4-Chloro-m-cresol.

3-methyl-4-chlorophenol; parachlorometacresol; 6-chloro-m-cresol. Antiseptic; disinfectant. mp = 55.5°; bp = 235°; somewhat soluble in H_2O ; more soluble in hot H_2O ; Freely soluble in organic solvents. *Kalle B.V.*

6039 Chloroxylenol

88-04-0 2228 201-793-8

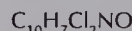


4-Chloro-3,5-xyleneol.

parametaxyleneol; Benzitol; Dettol. Antiseptic (topical). Phenol. mp = 115°; bp = 246°; volatile with steam; slightly soluble in H_2O ; more soluble in organic solvents.

6040 Chlorquinaldol

72-80-0 2243 200-789-3



5,7-Dichloro-2-methylquinolin-8-ol.

hydroxydichloroquinaldinol; chloroquinaldol; Afungil; Quesil; Siogène; Gyno-Sterosan; Gynotherax; Saprozan; Sterosan; Steroxin; Siosteran. Antiseptic. Quinoline. mp = 114-115° (with slight decomposition); $\lambda_m = 326 \text{ nm}$ ($A_{1\text{cm}}^{1\%}$ 170 EtOH); nearly insoluble in H_2O ; more soluble in organic solvents. *Ciba-Geigy Corp.*

6041 Clofucarban

369-77-7 2438 206-724-5



N-(4-Chlorophenyl)-N'-[4-chloro-3-(trifluoromethyl)-phenyl]urea.

halocarban; Irgasan CF3; Irgosan CF3. Antiseptic; disinfectant. Halogen containing compound. mp = 214-215°; insoluble in H_2O ; soluble in organic solvents. *American Cyanamid; Ciba-Geigy Corp.*

6042 Clorophene

120-32-1 2469 204-385-8



2-Benzyl-4-chlorophenol.

clorofene; NSC-59989; Septiphen; Santophen 1. Antiseptic. Phenol. Used in disinfectant preparations. mp

= 48.5°; bp_{3.5} = 160-162°; d_{15.5}⁵⁵ = 1.186-1.190. *Deutsche Hydrierwerke*.

6043 Cloxyquin

130-16-5 2483 204-978-1
C₉H₆ClNO
5-Chloroquinolin-8-ol.
cloxiquine; Chlorisept. Antiseptic; antifungal; antibacterial. Quinoline. mp = 130°; sparingly soluble in dilute HCl.

6044 Creosote, Coal Tar

8001-58-9 2641 232-287-5
Coal tar creosote.
coal tar; wash oil. Disinfectant. Also used as a wood preservative and insecticide. Distillate of coal tar produced by the high temperature carbonization of bituminous coal. It consists primarily of aromatic hydrocarbons, tar acids and tar bases. CAUTION: Readily absorbed through GI tract and skin. Overexposure can cause GI irritation and congestion. Direct contact may cause irritation, burning, itching, erythema, papular and vesicular eruptions, keratoconjunctivitis. Systemic poisoning can cause salivation, vomiting, respiratory difficulties, vertigo, headache, loss of pupillary reflexes, hypothermia, cyanosis, mild convulsions. Carcinogenic. Translucent brown to black oily liquid; flammable; flash point = 165°F (75°C); ignition temperature = 637°F (335°C); practically insoluble in H₂O.

6045 Creosote, Wood

8021-39-4 2642 232-419-1
Wood creosote.
wood creosote; beechwood creosote; Creosote. Antiseptic; expectorant. Liquid obtained from wood tars by distillation; composed mainly of guaiacol and creosol. Colorless or yellow oily liquid; D₂₅²⁵ > 1.076; bp 203-220°; somewhat soluble in H₂O; soluble in glycerol, glacial acetic acid, fixed alkali hydroxide solutions; incompatible with acacia, albumin, oxidizers, and cupric, ferric, gold and silver salts.

6046 Cresol

1319-77-3 2645 215-293-2
C₇H₈O
Cresylic acid.
cresylol; tricresol. Antiseptic; disinfectant. A mixture of three isomeric cresols in which the m-isomer predominates. Obtained from coal tar. CAUTION: Poisonous Has corrosive action on tissues. Potential symptoms of overexposure are CNS effects; skin and eye burns; dermatitis; liver, kidney and lung damage. Acute exposure can lead to muscular weakness, gastroenteric disturbances, severe depression, collapse, and death. Liquid; d₂₅²⁵ = 1.030-1.038; distills between 195-205°; slightly soluble in H₂O; miscible with alcohol, C₆H₆, Et₂O, glycerol, petroleum ether; soluble in fixed alkali hydroxide solutions; [m-cresol]: LD₅₀ (rat orl) = 2.02 g/kg.

6047 m-Cresyl Acetate

112-46-3 2651
C₉H₁₀O₂
Acetic acid 3-methylphenyl ester.
m-tolyl acetate; acetic acid ester; acetic acid m-cresol ester; acetylmetacresol; metacresol acetate; Cresatin; Cresatin Metacresylacetate; Cresatin-Sulzberger;

Metacresylacetate-Sulzberger; Kresatin. Antiseptic (topical); antifungal. Oily liquid; bp = 212°; bp₁₃ = 99°; d₄²⁶ = 1.048; volatile with steam; λ_m + 262.5, 269.5 nm (in MeOH); practically insoluble in H₂O, glycerol; miscible with alcohol, H₂O, CHCl₃, petroleum ether, C₆H₆; soluble in petrolatum (5%), cottonseed oil.

6048 Cupric Sulfate

7758-99-8 2722
H₁₀CuO₉S
Copper (II) sulfate (1:1) pentahydrate.
Antiseptic; antifungal (topical); antidote to phosphorus. Occurs as the mineral hydrocyanite. Dec > 560°; d = 3.6; hygroscopic; soluble in H₂O; practically insoluble in alcohol.

6049 Cupric Sulfate [anhydrous]

7798-98-7 2722
CuO₄S
Copper (II) sulfate (1:1).
bluestone; blue vitriol; Roman vitriol; Salzburg vitriol. Antiseptic; antifungal (topical); antidote to phosphorus. Occurs as the mineral chalcantite. Loses 2H₂O at 30°, 2 more at 110°, and becomes anhydrous by 250°; d₄^{15.6} = 2.286; soluble in H₂O, MeOH, glycerol; slightly soluble in EtOH; LD₅₀ (rat orl) = 960 mg/kg.

6050 Dequalinium Chloride

522-51-0 2959 208-330-9
C₃₀H₄₀Cl₂N₄
1,1'-(1,10-Decanediyl)bis[4-amino-2-methylquinolinium chloride].
BADQ-10; decamine; dekamiln; Decatylen; Dekadin; Dequadin Chloride; Dequafungen; Dequavet; Dequavagyn; Eriosept; Evazol; Grocreme; Labosept; Optipect; Phylletten; Polycidine; Sorot; component of: Efisol, Gargilon, Gramipan, Hexalyse, Micrin. Antiseptic; disinfectant. Quaternary ammonium compound. mp = 326° (dec); soluble in H₂O (1 g/200 ml at 25°). *Allen & Hanbury*.

6051 Dibromopropamidine

496-00-4 3073
C₁₇H₁₈Br₂N₄O₂
4,4'-(Trimethylenedioxy)bis(3-bromobenzamidine).
dibromopropamidine. Antiseptic; antiamebic. Used as a preservative in cosmetics. *May & Baker Ltd*.

6052 Dibromopropamidine Isethionate

614-87-9 3073 210-399-5
C₂₁H₃₀Br₂N₄O₁₀S₂
2-Hydroxyethanesulfonic acid compound with 4,4'-[1,3-propanediylbis(oxy)]bis[3-bromobenzenecarboximidamide] (2:1).
dibromopropamidine isetionate; Brolene Ointment; Brulidine. Antiseptic; antiamebic. Used as a preservative in cosmetics. mp = 226°; soluble in H₂O, glycerol; practically insoluble in Et₂O, CHCl₃, liquid petrolatum, fixed oils; incompatible with chlorides, sulfates, organic anions. *May & Baker Ltd*.

6053 Disiquonium Chloride

68959-20-6 273-403-4



Didecylmethyl[3-(trimethoxysilyl)propyl]ammonium chloride.

Antiseptic. Quaternary ammonium compound.

6054 Dodecarbocation Chloride

100-95-8 3466 202-904-2



N-[2-(Dodecylamino)-2-oxoethyl]-N,N-dimethylbenzenemethanaminium chloride.

Straminol; Urolocide. Antiseptic; disinfectant. Quaternary ammonium compound. mp = 147-148°; soluble in H₂O, alcohol; insoluble in Et₂O, Me₂CO, C₆H₆; LD₅₀ (rat orl) = 100 mg/kg. *Sola/Barnes-Hind*.**6055 Domiphen Bromide**

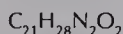
538-71-6 3474 208-702-0



Dodecyldimethyl(2-phenoxyethyl)ammonium bromide.

NSC-39415; PDDDB; phenododecinium bromide; Bradosol Bromide; Oradol; Modicare; Neo-Bradoral. Antiseptic; anti-infective (topical). Quaternary ammonium compound. mp = 112-113°; Freely soluble in warm H₂O; Soluble in EtOH, Me₂CO, EtOAc, CHCl₃; very slightly soluble in C₆H₆; incompatible with soap. *Ciba plc*.**6056 Ethylhydrocupreine**

522-60-1 3855 208-333-5

(8 α ,9R)-6'-Ethoxy-10,11-dihydrocinchon-9-ol.hydrocupreine ethyl ether; Numoquin, Optoquine. Antiseptic. Quinoline. mp = 123-128°; [α]_D²⁵ = -136°(EtOH); insoluble in H₂O; soluble in organic solvents.**6057 Ethylhydrocupreine Hydrochloride**

3413-58-9 3855 222-302-3

(8 α ,9R)-6'-Ethoxy-10,11-dihydrocinchon-9-ol monohydrochloride.Neumolisina. Antiseptic. Quinoline. mp = 252-1254sg; [α]_D²¹ = -123.6° (H₂O); soluble in H₂O, alcohol, CHCl₃; sparingly soluble in dry Me₂CO; practically insoluble in Et₂O; light sensitive.**6058 Ethylparaben**

120-47-8 3883 204-399-4



Ethyl p-hydroxybenzoate.

Nipagin A; Ethyl Parasept; Solbrol A. Antifungal; antiseptic. Used as a preservative for pharmaceuticals. mp = 116°; bp = 297-298°; soluble in alcohol, Et₂O, H₂O.**6059 Euprocine**

1301-42-4 3950

(8 α ,9R)-10,11-Dihydro-6'-(3-methylbutoxy)cinchon-9-ol.

hydrocupreine isopentyl ether; isoamylhydrocupreine; isopentylhydrocupreine; eucupreine; Eucupin. Antiseptic; local anesthetic. Quinoline. mp = 152°; soluble in

alcohol, Et₂O, CHCl₃; practically insoluble in H₂O.**6060 Euprocine Hydrochloride**

18984-80-0 3950

(8 α ,9R)-10,11-Dihydro-6'-(3-methylbutoxy)cinchon-9-ol dihydrochloride monohydrate.isopentylhydrocupreine-dihydrochloride; WI-287; component of: Otodyne. Antiseptic; local anesthetic. Quinoline. Soluble in 15 parts H₂O; freely soluble in alcohol. *Schering AG*.**6061 Fenticlor**

97-24-5 4046 202-568-7



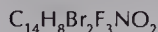
2,2'-Thiobis[4-chlorophenol].

S-7; NSC-4112; Novex. Anti-infective (topical). Phenol used as a fungicide, especially against *Monosporidium apiospermum*. mp = 175°; soluble in aqueous NaOH solutions, alcohol, hot C₆H₆. *I.G. Farben*.**6062 Fludazonium Chloride**

53597-28-7

1-[2,4-Dichloro- β -[(2,4-dichlorobenzyl)oxy]phenethyl]-3-(p-fluorophenacyl)imidazolium chloride.R-23633. Antiseptic. *Janssen Pharmaceutical Inc.***6063 Fluorosalan**

4776-06-1 4216 225-322-0

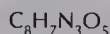


3,5-Dibromo-2-hydroxy-N-[3-(trifluoromethyl)phenyl]benzamide.

flusalan; Fluorophene. Antiseptic; disinfectant.

6064 Furazolidone

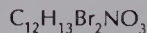
67-45-8 4320 200-653-3



3-[5-Nitrofurfurylideneamino]-2-oxazolidone.

NF-180; Furovag; Furox; Furoxane; Furoxone; Giarlam; Giardil; Medaron; Neftin; Nicolen; Nifulidone; Ortazol; Roptazol; Tikofuran; Topazone; component of: Tricofuron. Antiseptic (topical); nitrofurantoin antiprotozoal (topical) used against trichomonas. mp = 256-257°; soluble in H₂O; decomposed by alkali. *Norwich Eaton; SmithKline Beecham Animal Health*.**6065 Fursalan**

15686-77-8



3,5-Dibromo-N-(tetrahydrofurfuryl)salicylamide.

Disinfectant.

6066 Gallacetophenone

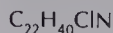
528-21-2 4360 208-430-2



1-(2,3,4-Trihydroxyphenyl)ethanone.

Alizarine yellow C. Antiseptic. mp = 173°; λ_m (MeOH) = 237,296 (ε 8560, 12500); soluble in H₂O, alcohol, Et₂O, solution of sodium acetate. *Eastman Kodak*.**6067 Halimide®**

19014-05-2 4624 242-754-5



Dodecylbenzyltrimethylammonium chloride.

Antiseptic; disinfectant; cationic surface active agent. Quaternary ammonium compound. *California Research Co.*

6068 Halquinol

8067-69-4 4637
5,7-Dichloro-8-quinolinol mixture with 5-chloro-8-quinolinol and 7-chloro-8-quinolinol. chlorquinol; SQ-16401; CHQ; Halquivet; Quinolor; Quixalin; Quixalud; Tarquinor. Anti-infective (topical). Quinoline. *Olin Mathieson.*

6069 Hexachlorophene

70-30-4 4716 200-733-8
 $C_{12}H_6Cl_6O_2$
2,2'-Methylenebis[3,4,6-trichlorophenol].
AT-7; G-11; Bilevon; Dermadex; Exofene; Hexosan; pHisohe; Soy-Dome; Surgi-Cen; Surofene. Antiseptic; disinfectant; anthelmintic (flukicide, veterinary). Phenol used mainly in the manufacture of soaps. mp = 164-165°; practically insoluble in H_2O ; soluble in common organic solvents; LD₅₀ (mrat orl) = 66 mg/kg, (frat orl) = 57 mg/kg. *Sterling Winthrop, Inc.; Miles.*

6070 Hydrargaphen

14235-86-0 4805 238-107-1
 $C_{33}H_{24}Hg_2O_6S_2$
Phenylmercuric 3,3'-methylenebis(2-naphthalenesulfonate).
phenylmercuric Fixtan; Conotrane; Fibrotan; Hydraphen; Penotrane; P.M.F.; Versotrane; Septotan. Antiseptic; anti-infective (topical). Mercurial compound. Practically insoluble in H_2O ; forms colloidal solutions in alkali methal dinaphthylmethane sulfonates; colloid tends to absorb at interfaces and form charged hydrated aggregates; LD₅₀ (mus orl) = 80 mg/kg. *Ward, Blenkinsop.*

6071 Hydrastine

118-08-1 4806 204-233-0
 $C_{21}H_{21}NO_6$
[S-(R*,S*)]-6,7-Dimethoxy-3-(5,6,7,8-tetrahydro-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-yl)-1(3H)-isobenzofuranone.
I-β-hydrastine. Antiseptic. A quinoline naturally occurring in I-β-form in *Hydrastis canadensis* L. *Ranunculaceae* together with berberine and canadine. Hydrochloride formerly used as a uterine hemostatic. mp = 132°; mp [hydrochloride] = 116°; $[\alpha]_D^{20}$ = -50° (c = 0.3 abs alcohol); λ_m = 202, 218, 238, 298, 316 nm (log ε 4.79, 4.53, 4.15, 3.86, 3.63 EtOH); pK = 7.8; soluble in Me_2CO , C_6H_6 ; insoluble in H_2O ; hydrochloride is very soluble in H_2O .

6072 Hydrogen Peroxide

7722-84-1 4839 231-765-0
 H_2O_2
Hydrogen dioxide.
hydroperoxide; Albone; Hioxyl; Lensen A; Mirasept; Oxysept; Pegasyl. Antiseptic (topical). Peroxide. Marketed as a solution in H_2O in concentrations of 3-90% by weight. Also used in rocket propulsion, as a dough conditioner, and as a maturing and bleaching agent in food. CAUTION: Symptoms of overexposure include irritation of eyes, nose and throat; corneal ulceration; erythema, vesicles on skin; bleaching of hair.

6073 8-Hydroxyquinoline

148-24-3 4890 205-711-1
 C_9H_7NO
8-Quinolol.
oxoquinoline; hydroxybenzopyridine; oxybenzopyridine; phenopyridine; oxychinolin; oxine. Antiseptic. Quinoline. Also used as a fungistat, a chelating agent in the determination of trace metals. mp = 76°; bp 267°; nearly insoluble in H_2O , Et_2O ; soluble in Me_2CO , alcohol, $CHCl_3$, C_6H_6 , aqueous mineral acids; LD₅₀ (mus ip) = 48 mg/kg.

6074 8-Hydroxyquinoline Sulfate

134-31-6 4890 205-137-1
 $C_{18}H_{16}N_2O_6S$
8-Quinolol sulfate (2:1) salt.
Chinosol. Antiseptic. Quinoline. Also used as a fungistat, a chelating agent in the determination of trace metals. mp = 175-178°; soluble in H_2O ; slightly soluble in glycerol, alcohol; insoluble in Et_2O .

6075 8-Hydroxyquinoline Aluminum Sulfate

153-77-5 4890
 $C_{27}H_{24}AlN_3O_{15}S_3$
8-Quinolol aluminum sulfate.
Nyxolan; Aloxylin. Anthelmintic. Used as antiperspirant, deoderant.

6076 Ichthammol

8029-68-3 4929 232-439-0
Ammonium bituminosulfonate.
ammonium bithiolcium; ammonium ichthosulfonate; ammonium sulfobituminate; ammonium sulfoichthyolate; bitumol; bituminol; ichthammol; ichthosulfol; Amsubit; Bitulan; Ichthosauran; Ichthymall; Hirathiol; Ichden; Ichthammon; Ichthadone; Ichthymall; Ichthyol; Ichthysalle; Ichthalam; Ichthium; Ichthosan; Ichthosauran; Ichthynat; Ichthyopon; Ichtopur; Leukochthol; Lithol; Petrosulpho; Perichthol; Piscarol; Pisciol; Adnexol [injectable form]. Antiseptic (topical). A product of a distillate from mineral deposits (bituminous schists); contains saturated and unsaturated hydrocarbons, nitrogenous acids, thiophene derivatives. Miscible with H_2O , glycerol, propylene glycol, fats, oils, carbowaxes, lanolin; partially soluble in alcohol, Et_2O . *Mallinckrodt, Inc.*

6077 Ictasol

12542-33-5
 $C_{28}H_{36}Na_2O_6S_3$ (tentative)
Ictasol.
Disinfectant. A product of a distillate from mineral deposits (bituminous schists).

6078 Iodic Acid

7782-68-5 5032 231-962-1
 HIO_3
Iodic acid.
Antiseptic. Halogen containing compound. mp = 110° (dec); d_4^{20} = 4.629; soluble in nitric acid, dilute alcohol; insoluble in absolute alcohol, Et_2O , $CHCl_3$; darkens on exposure to light.

6079 Iodine

7553-56-2 5034 231-442-4

 I_2

Iodine.

Antiseptic (topical); antyhyperthyroid. Halogen. CAUTION: Symptoms of overexposure include irritation of eyes and nose, lacrimation, headache, tight chest, skin burns or rash, cutaneous hypersensitivity. Highly corrosive on the GI tract. mp = 113.60°; bp = 185.24°; d (solid, 25°) = 4.93; incompatible with tannis, alkaloids, starch.

6080 Iodine Monochloride

7790-99-0 5038 232-236-7

ClI

Iodine chloride.

Wijs' chloride. Anti-infective (topical). Halogen containing compound. CAUTION: Attacks the skin, forming dark, painful patches. mp [α form]: = 27.2°; mp [β form]: = 13.9°; bp [β form]: = 97° (dec); d_4^{29} [β form]: = 3.10; soluble in H_2O , alcohol, Et_2O , CS_2 , AcOH.

6081 Iodine Trichloride

865-44-1 5041 212-739-8

 Cl_3I

Iodine chloride.

Anti-infective (topical). Halogen containing compound. Also used as a chlorinating and oxidizing agent. CAUTION: Corrosive to human skin. Concentrated solutions are strongly irritating. mp 33°; d_4^{25} = 3.203; volatile at room temperature.

6082 Iodochlorhydroxyquin

130-26-7 5052 204-984-4

 C_9H_5ClINO

5-Chloro-7-iodoquinolin-8-ol.

clioquinol; chloriodoquin; iodochlorhydroxyquinoline; iodochloroxyquinoline; Amebil; Alchloquin; Amoenol; Bactol; Barquinol; Budoform; Chinoform; Clioquinol; Cliquinol; Eccecidin; Enteroquinol; Entero-Septol; Entero-Vioform; Enterozol; Entrokin; Hi-Ente. Anti-infective (topical); antiamebic. Quinoline. Dec 178-179°; λ_m = 266 nm ($A_{1cm}^{1\%}$ 1120 in 0.1 N MeOHic NaOH), = 255 nm ($A_{1cm}^{1\%}$ 1570 EtOH); slightly soluble in $CHCl_3$, AcOH; nearly insoluble in H_2O , cold alcohol, Et_2O ; LD₅₀ (cat orl) = 400 mg/kg.

6083 Iodoform

75-47-8 5054 200-874-5

 CHI_3

Triiodomethane.

Antiseptic (topical). Halogen containing compound. mp 120°; dec at high temperature with the evolution of iodine; volatile with steam; slightly soluble in H_2O ; more soluble in common organic solvents; LD₅₀ (mus sc) = 1.6 mmoles/kg.

6084 Isomerol [a]

7256-12-6

 C_7H_6HgO

2-Methyl-7-oxa-8-mercurabicyclo[4.2.0]octa-1,3,5-triene. Parahydecin; component: of Unguentine. Antiseptic. *Norwich Eaton*.

6085 Isomerol [b]

7256-12-7

 C_7H_6HgO

4-Methyl-7-oxa-8-mercurabicyclo[4.2.0]octa-1,3,5-triene. Parahydecin; component: of Unguentine. Antiseptic. *Norwich Eaton*.

6086 Jothion

Calisaya bark; Peruvian bark; Cinchona bark. Dried stem or bark of various species of cinchona. Contains up to 35 alkaloids such as quinine, cinchotannic, quinic and quinovic acids. Used as an antimalarial.

6087 Lauralkonium Chloride

19486-61-4 205-351-5

 $C_{29}H_{44}ClNO_2$

Benzyl[2-[p-(lauroyl)phenoxy]ethyl]dimethylammonium chloride.

Antiseptic.

6088 Laurolinium Acetate

146-37-2 5399 205-668-9

 $C_{24}H_{38}N_2O_2$

4-Amino-1-dodecylquialdinium acetate.

Laurodin. Antiseptic. Quaternary ammonium compound.

mp = 170-171°; soluble in H_2O ; LD₅₀ (mus orl) = 131 ± 36.2 mg/kg, (mus sc) = 30.2 ± 5.6 mg/kg, (mus ip) = 2.3 ± 0.2 mg/kg. *Allen & Hanbury*.

6089 Magnesium Peroxide

14452-57-4 5717 238-438-1

 MgO_2

Magnesium dioxide.

Magnesium Perhydrol; Magnesium Superoxol. Antiseptic; antacid. Peroxide. The commercial product contains 15-25% MgO_2 , the balance being $Mg(OH)_2$. Insoluble in H_2O ; gradually dec in H_2O with liberation of O_2 ; soluble in dilute acids, forming H_2O_2 .

6090 Mecetronium Ethylsulfate

3006-10-8 221-106-5

 $C_{22}H_{49}NO_4S$

Ethylhexadecyldimethylammonium ethyl sulfate.

mecetronium etilsulfate. Antiseptic. *Bacillofabrik Dr. Bode & Co*.**6091 Meralein Sodium**

4386-35-0 5912 224-498-6

 $C_{19}H_{19}HgI_2NaO_5$

(3',6'-Dihydroxy-2',7'-diiodospiro[3H-2,1-benzoxathiole-3,9']-[9H]xanthen-4'-yl)hydroxymercury S,S-dioxide monosodium salt.

sodium meralein; Merodicein. Antiseptic (topical). Mercurial compound. Soluble in H_2O . *Hynson, Westcott & Dunning*.

6092 Merbromin

129-16-8 5914 204-933-6

 $C_{20}H_8Br_2HgNa_2O_6$

(2',7'-Dibromo-3',6'-dihydroxy-3-

oxospiro[isobenzofuran-1(3H),9']-[9H]xanthen-4'-yl)hydroxymercury disodium salt.

mercurochrome; dibromohydroxymercurifluorescein disodium salt; no. 220 sol; Mercurochrome-220 Soluble; Chromargyre; Planochrome; Flavulol; D.M.O.F.;

Mercurophage; Mercurocol; Gallochrome; Gynochrome; Mercurome; Ascepticchrome; Mercuranine. Antibacterial; antiseptic (veterinary). Mercurial compound. Soluble in H_2O ; incompatible with acids, alkaloidal salts, most local anesthetics. *Hynson, Westcott & Dunning*.

6093 Mercufenol Chloride

90-03-9 5920 201-962-6



Chloro(o-hydroxyphenyl)mercury.

2-chloromercuriophenol; U-7743; Myringacaine Drops; Salicresin Fluid; component of: Mercresin. Anti-infective (topical); disinfectant. CAUTION: poisonous. mp = 150152°; slightly soluble in cold H_2O ; moderately soluble in boiling H_2O ; freely soluble in alcohol, hot C_6H_6 ; sparingly soluble in $CHCl_3$. *Upjohn Ltd*.

6094 Mercuric Chloride

7487-94-7 5926 231-299-8



Mercury bichloride.

mercury chloride; mercury dichloride; corrosive sublimate; mercury perchloride; corrosive mercury chloride. Antiseptic (topical); disinfectant. Mercurial compound. CAUTION: *Violent poison*. May be fatal if swallowed. mp = 277°; d = 5.4; volatilizes at 300°; soluble in H_2O and many other common solvents; incompatible with formates, sulfites, albumin, gelatin, alkalies, alkaloid salts, ammonia, lime H_2O , antimony, arsenic, bromides, borax, carbonates, reduced iron, copper, iron, lead, silver salts, tannic acid, vegetable astringents.

6095 Mercuric Sulfide, Red

1344-48-5 5945 215-696-3



Mercury (II) sulfide.

vermillion; Chinese red; C.I. Pigment Red; C.I. 77766. Antiseptic. Mercurial compound that occurs in nature as the mineral cinnabar. Blackens on exposure to light; practically insoluble in H_2O .

6096 Mercurophen

52486-78-9 5947

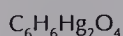


Sodium 4-(hydroxymercuri)-2-nitrophenolate.

Antiseptic; disinfectant. Mercurial compound. CAUTION: *Poisonous*. Soluble in hot H_2O .

6097 Mercurous Acetate

631-60-7 5948 211-161-3



Dimercury di(acetate).

mercury acetate. Antiseptic. Mercurial compound. Somewhat soluble in H_2O , dilute AcOH; insoluble in alcohol, Et_2O ; aqueous solutions decompose quickly in light and heat.

6098 Mercurous Chloride

10112-91-1 5951 233-307-5



Dimercury dichloride.

calomel; mild mercury chloride; mercury monochloride; mercury subchloride; précipité blanc; Calogreen. Antiseptic; cathartic; diuretic; antisyphilitic. Mercurial

compound. CAUTION: Excessive doses can cause mercury poisoning. Sublimes at 400-500°; d = 7.15; practically insoluble in H_2O ; insoluble in alcohol, Et_2O ; incompatible with bromides, iodides, alkali chlorides, sulfates, sulfites, carbonates, hydroxides, lime H_2O , acacia, ammonia, golden antimony sulfide, cocaine, suanides, copper salts, hydrogen peroxide, iodine, iodoform, lead salts, silver salts, soap, sulfides.

6099 Mercurous Iodide

15385-57-6 5953 239-409-6

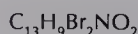


Dimercury diiodide.

yellow mercury iodide; mercury protoiodide. Antiseptic; antibacterial. Mercurial compound. CAUTION: Mercury yellow or green when combined with a soluble iodide forms a highly *poisonous* mercuric iodide. mp = 290°; d = 7.70; insoluble in H_2O , alcohol, Et_2O ; soluble in solutions of mercurous or mercuric nitrates; incompatible with soluble iodides; sensitive to light.

6100 Metabromsalan

2577-72-2 219-933-1

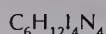


3,5-Dibromosalicylanilide.

NSC-526280. Disinfectant.

6101 Methenamine Tetraiodine

12001-65-9 6043



Hexamethylenetetramine tetraiodide.

Iodoformine; Mirion; Siomine. Antiseptic; iodine source.

Deflagrates at 138°; nearly insoluble in H_2O ; slightly soluble in alcohol, $CHCl_3$, Et_2O , carbon disulfide; soluble in aqueous solutions of sodium or potassium iodides, sodium thiosulfate, dilute HCl; decomposition likely in aqueous solution.

6102 2-(Methoxymethyl)-5-nitrofur

586-84-5 6075 209-586-4



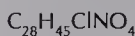
2-Nitro-2-furfurylmethyl ether.

Furbenal; Furaspor. Antiseptic; antifungal. Nitrofur.

Oily liquid; bp₃ = 104-105°; bp₄ = 114-117°; d₂₀²⁰ = 1.283; n_D²⁰ = 1.5325-1.5343; miscible with EtOH; soluble in H_2O .

6103 Methylbenzethonium Chloride

1320-44-1 6103 246-675-7



Benzyl dimethyl[2-[2-[[4-(1,1,3,3-tetramethylbutyl)-tolyl]ethoxy]ethyl]ammonium chloride monohydrate.

Delvan; Diaparene chloride; Hyamine 10X. Anti-infective (topical). Quaternary ammonium compound. mp = 161-163°; freely soluble in H_2O , alcohol, Cellosolve; $CHCl_3$; hot C_6H_6 . *Miles; Sterling Winthrop, Inc.*

6104 Myrtol

6423

Gelomyrtol.

Fraction of the volatile oil from *Myrtus communis* L, *Myrtaceae* distilling between 160-180°, consisting chiefly of eucalyptol and dextro-pinene with some camphor.

Liquid; d 0.895; [α]_D²⁰ = +10°; n_D²⁰ 1.465; freely soluble in

alcohol, Et₂O.

6105 1-Naphthyl Salicylate

550-97-0 6501

C₁₇H₁₂O₃

2-Hydroxybenzoic acid 1-naphthalenyl ester.

Alcohol. Antiseptic; anti-inflammatory. Phenol. mp = 83°; insoluble in H₂O; soluble in alcohol, Et₂O, oils.

6106 2-Naphthyl Salicylate

613-78-5 6502 210-355-5

C₁₇H₁₂O₃

2-Hydroxybenzoic acid 2-naphthalenyl ester.

Betol; Naphthalol; Naphthosalol; Salinaphthol. Antiseptic; anti-inflammatory. Phenol. mp = 95°; insoluble in H₂O, glycerol; sparingly soluble in cold alcohol; soluble in C₆H₆, Et₂O, boiling alcohol.

6107 Negatol®

9011-02-3 6531

Hydroxymethylbenzenesulfonic acid polymer with formaldehyde.

Albocresil; Albothyl; Negatan. Antiseptic. High molecular weight colloidal product prepared by reacting sulfonated m-cresol and formaldehyde. Soluble in H₂O forming colloidal solutions; pH (5% w/v) 1.0. *Eli Lilly & Co.*

6108 Nidroxyzone

405-22-1 6615 206-970-3

C₈H₁₀N₄O₅

5-Nitro-furaldehyde-2-(2-hydroxyethyl)semicarbazone.

NF-67; Furadroxy. Antiseptic. Nitrofurane. mp = 214-216° (dec); slightly soluble in H₂O (1:2000). *Norwich Eaton.*

6109 Nifuroxime

6236-05-1 6627 228-349-6

C₅H₄N₂O₄

5-Nitro-2-furaldehyde oxime.

Micofur; component of: Tricofuron. Topical anti-infective; antiprotozoal (trichomonas). Nitrofurane. mp = 156°, 163-164°; soluble in H₂O, MeOH, 95% EtOH. *Norwich Eaton.*

6110 Nitrofurazone

59-87-0 6697 200-443-1

C₆H₆N₄O₄

5-Nitro-2-furaldehyde semicarbazone.

Aldomycin; Amifur; Chemofuran; Coxistat; Furacin; Furacinetten; Furacocid; Furaplast; Furazol W; Furesol; Mammex; Nefco; Nifuzon; Nitrozone; Vabrocid; component of: Furacort, Furadex, Furea. Anti-infective (topical). Nitrofurane. Dec 236-240°; λ_m = 260, 375 nm; slightly soluble in H₂O (1:4200), alcohol (1:590), propylene glycol (1:350); soluble in alkaline solutions; insoluble in Et₂O; pH (saturated aqueous solution) 6.0-6.5; LD₅₀ (rat orl) = 590 mg/kg, (rat sc) = 3000 mg/kg. *Norwich Eaton.*

6111 Nitromersol

133-58-4 6707 205-112-5

C₇H₅HgNO₃

5-Methyl-2-nitro-7-oxa-8-mercurobicyclo[4.2.0]octa-1,3,5-triene.

Metaphen. Antiseptic; anti-infective (topical). Mercurial

compound. Anhydride of 4-nitro-3-hydroxymercuri-o-cresol. Insoluble in H₂O; nearly insoluble in Me₂CO, alcohol, Et₂O, aqueous sodium carbonate solutions; soluble in alkali, ammonia by opening anhydride ring and forming a salt; soluble in boiling glacial acetic acid.

6112 Noxythiolin

15599-39-0 6822 239-679-5

C₃H₈OS

1-Hydroxymethyl-3-methyl-2-thiourea.

noxytiolin; Noxyflex-S. Antiseptic. mp = 88-90°; soluble in H₂O (10 g/100 ml); LD₅₀ (mus orl) > 3 g/kg. *E. Geistlich Sohne.*

6113 Octenidine

71251-02-0 6852

C₃₆H₆₄N₄

N,N'-(1,10-Decanediyldi-1(4H)-pyridinyl-4-ylidene)bis[1-octanamine].

Win-41464; Win-41464-6 [as disaccharin]. Antiseptic. *Sterling Winthrop, Inc.*

6114 Octenidine Hydrochloride

70775-75-6 6852 274-861-8

C₃₆H₆₄Cl₂N₄

N,N'-(1,10-Decanediyldi-1(4H)-pyridinyl-4-ylidene)bis[1-octanamine] dihydrochloride.

Win-41464-2; Neo Kodan; Octeniderm; Octenisept. Antiseptic. mp = 215-217°. *Sterling Winthrop, Inc.*

6115 Ornidazole

16773-42-5 7000 240-826-0

C₇H₁₀ClN₃O₃

α-(Chloromethyl)-2-methyl-5-nitro-1H-imidazole-1-ethanol.

Ro-7-0207; Madelen; Ornidal; Tiberol. Anti-infective. mp = 77-78°; λ_m = 288, 312 nm (ε 3720, 9150 in 2-propanol); pKa = 2.4 ± 0.1; LD₅₀ (mus orl) > 2000 mg/kg, (mus ip) > 2000 mg/kg. *Hoffmann-LaRoche Inc.*

6116 Oxychlorosene

8031-14-9 7090

C₂₀H₃₅ClO₄S

Monoxychlorosene.

Clorpactin; Clorpactin XC8. Antiseptic. A buffered organic hypochlorous acid derivative with slightly acid pH. Halogen containing compound. Aqueous solutions are unstable and should be freshly prepared. *3M Co.; Boehringer Ingelheim GmbH.*

6117 Oxychlorosene Sodium

52906-84-0 7090

C₂₀H₃₅ClO₄NaS

Monoxychlorosene Sodium.

Clorpactin WCS. Antiseptic. Halogen containing compound. *3M Co.Boehringer Ingelheim GmbH.*

6118 Parachlorophenol

106-48-9 2206 203-402-6

C₆H₅ClO

4-Chlorophenol.

p-chlorophenol. Antiseptic. CAUTION: Irritating to skin. May cause tremors, convulsions, dyspnea, coma. mp = 43.2-43.7°; bp = 220°; d₄⁷⁸ = 1.2238; n_D⁵⁰ = 1.5419; n_D⁴⁰ = 1.5579; sparingly soluble in H₂O, liquid petrolatum;

soluble in alcohol, glycerin, Et_2O , CHCl_3 , fixed and volatile oils; LD_{50} (rat orl) = 670 mg/kg. *Dow Chemical U.S.A.; Merrell Pharmaceuticals Inc.*

6119 Parachlorophenol, Camphorated

8003-18-7

Anti-infective, topical (dental).

6120 Phenotide

78-05-7

7389

201-078-0

$\text{C}_{27}\text{H}_{42}\text{ClNO}$

N,N-Diethyl-N-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-ethyl]benzenemethanaminium chloride.

Octaphen. Anti-infective (topical). Quaternary ammonium compound. mp = 112-114°, 95°. *Ward, Blenkinsop.*

6121 Phenoline

Carbolic camphor. Phenol with camphor (*phenol cum camphorae B.P.*).

6122 Phenosalyl

$\text{C}_{23}\text{H}_{29}\text{NO}_3 \cdot \text{HCl}$

1-(3-Hydroxy-3-phenylpropyl)-4-phenyl-4-piperidine carboxylic acid ethyl ester hydrochloride.

Lealgin; Operidine. Analgesic and narcotic.

6123 2-Phenoxyethanol

122-99-6

7410

204-589-7

$\text{C}_8\text{H}_{10}\text{O}_2$

1-Hydroxy-2-phenoxyethane.

ethylene glycol monophenyl ether; β -hydroxyethyl phenyl ether; Phenoxethol; Phenoxetol; Phenyl

Cellosolve. Antiseptic. Oily liquid; $d_{20}^{20} = 1.1094$; $d_4^{22} = 1.102$; mp = 14°; bp₈₀ = 165°; bp₂₅ = 137°; $n_D^{20} = 1.534$; flash point = 250°; soluble in H_2O ; freely soluble in alcohol, Et_2O , NaOH solutions; LD_{50} (rat orl) = 1.26 mg/kg.

6125 Phenylmercuric Borate

102-98-7

7455

203-068-1

$\text{C}_5\text{H}_7\text{BHgO}_3$

(Dihydrogen borato)phenylmercury.

phenylmercuric borate; phenylmercury borate; Famosept; Merfen. Antiseptic, topical. mp = 112-113°; soluble in H_2O , alcohol, glycerol.

6126 Phenylmercuric Nitrate

58-68-5

7455

$\text{C}_{12}\text{H}_{11}\text{Hg}_2\text{NO}_4$

Nitratophenylmercury.

merphenyl nitrate; Phe-Mer-Nite; Phenmerzyl Nitrate. Antiseptic. Pharmaceutical aid; bactericide; germicide. mp = 187-190° (dec); moderately soluble in H_2O , alcohol, glycerol; practically insoluble in organic solvents; LD_{50} = (mus sc) 0.045 mg/kg, (mus iv) 0.027 mg/kg. *Marion Merrell Dow Inc.; Schering AG.*

6127 Picloxydine

5636-92-0

7553

227-084-3

$\text{C}_{24}\text{H}_{24}\text{Cl}_2\text{N}_{10}$

1,1'-(1,4-Piperazinediyl-bis(imidocarbonyl))bis[3-(p-chlorophenyl)guanidine].

Antibacterial (topical); antiseptic. A heterocyclic

biguanidine with antibacterial activity. *Nicholas Labs. Ltd.*

6128 Plastosol

The specific substance derived from plasma. It is an inactive form of plasmin which, when activated, by natural activators such as streptokinase or urokinase, has the property of lysing fibrinogen, fibrin, and other proteins.

6129 Potassium Permanganate

7722-64-7

7824

231-760-3

KMnO_4

Permanganic potassium salt.

chameleon mineral. Anti-infective (topical). Permanganate. CAUTION: Explosive when brought into contact with organic or other readily oxidizable substances, either in solution or dry state. Dilute solutions are mildly irritating; concentrated solutions are caustic.

Dec 240°; d = 2.7; soluble in H_2O ; decomposed by alcohol and many other organic solvents, concentrated acids, reducing agents; incompatible with alcohol, arsenites, bromides, iodides, hydrochloric acid, charcoal, organic substances, ferrous or mercuric salts, hypophosphites, hyposulfites, sulfites, peroxides, oxalates; LD_{50} (rat orl) = 1090 mg/kg.

6130 Potassium Tetraiodomercurate(II)

7783-33-7

7862

231-990-4

HgI_4K_2

Dipotassium tetraiodomercurate.

mercuric potassium iodide. Anti-infective (topical); disinfectant. Mercurial compound. CAUTION: *Poisonous.* Soluble in H_2O , alcohol, Et_2O , Me_2CO .

6131 Potassium Triiodomercurate(II) Solution

22330-18-3

7870

244-913-4

Potassium triiodomercurate.

Mercuric potassium iodide solution; potassium mercuriodide solution; solution potassium iodohydrargyrate; Channing's solution; Thoulet's solution. Antiseptic. Mercurial compound. Also used reagent for alkaloids. CAUTION: *Poisonous.*

6132 Povidone-Iodine

25655-41-8

7880

$(\text{C}_6\text{H}_9\text{NO})_n \cdot \text{I}$

1-Vinyl-2-pyrrolidinone polymer compound with iodine. Betadine; Betaisodona; Braunol; Braunosan H Disadine DP; Disphex; Efodine; Inadine; Isodine; Proviodine; Traumasept; Videne; PVP-I; PVP-Iodine; PVP-Iodine, 30-06. Anti-infective, topical. An iodophor. Soluble in alcohol, H_2O ; practically insoluble in CHCl_3 , CCl_4 , Et_2O , solvent hexane, Me_2CO . *Uriach; International Specialty Products; Purdue Pharma L.P.*

6133 Propamidine

104-32-5

7981

203-195-2

$\text{C}_{17}\text{H}_{20}\text{N}_4\text{O}_2$

4,4'-(Trimethylenedioxy)dibenzamidine.

Antiprotozoal (Trypanosoma); antiamebic; anti-infective (topical, veterinary). *May & Baker Ltd.*

6134 Propamidine Isethionate

140-63-6

7981

205-423-6

$\text{C}_{21}\text{H}_{32}\text{N}_4\text{O}_{10}\text{S}_2$

4,4'-(Trimethylenedioxy)dibenzamidine ethanesulfonic

acid.

M&B-782; Brolene Drops. Antiprotozoal (Trypanosoma); antiamebic. mp 235°; soluble in H₂O, glycerol, 95% alcohol; practically insoluble in Et₂O, CHCl₃, oils. *May & Baker Ltd.*

6135 β-Propiolactone

57-57-8 8005 200-340-1

C₃H₄O₂

2-Oxetanone.

NSC-21626; hydracrylic acid β-lactone; β-propionolactone; propanolide; Betaprone. Disinfectant. A versatile reagent in organic synthesis. CAUTION: Overexposure can cause skin irritation, blistering and burns; corneal opacity; dysuria; hematuria. May be a carcinogen. Liquid; mp = -33.4°; bp₇₆₀ = 150° (dec); bp₂₀ = 60°; bp₁₀ = 51°; d₄²⁰ = 1.1420; n_D²⁰ = 1.4131; flash point = 70° (158°F); soluble in H₂O; miscible with alcohol, Me₂CO, Et₂O, CHCl₃. *Forest Pharmaceuticals Inc.*

6136 Silver Bromide

7785-23-1 8649 232-076-8

AgBr

Silver bromide.

Topical anti-infective; astringent. Silver compound. mp = 432°; d = 6.47; slightly soluble in H₂O (0.135 mg/l); insoluble in alcohol, most acids; sensitive to light.

6137 Silver Fluoride

7775-41-9 8657 231-895-8

AgF

Silver monofluoride.

argentous fluoride. Antiseptic. Silver compound. d = 5.852; mp = 435°; bp 1150°; soluble in H₂O when freshly prepared; becomes insoluble in moist air because of basic fluoride formaton; forms several hydrates; soluble in HF, NH₃, CH₃CN.

6138 Silver Lactate

128-00-7 8660

C₃H₅AgO₃

2-Hydroxypropanoic acid silver salt.

Topical anti-infective; astringent. Silver compound. Soluble in H₂O; slightly soluble in alcohol; light sensitive.

6139 Silver Nitrate

7761-88-8 8661 231-853-9

AgNO₃

Nitric acid silver salt.

Antiseptic. Silver compound. CAUTION: Poisonous. mp = 212°; d = 4.35; dec 440°; soluble in boiling H₂O, boiling alcohol, ammonia H₂O; slightly soluble in alcohol, Me₂CO, Et₂O; pH (aqueous solution) = 6.

6140 Silver Protein

9015-51-4 8671

Group of compounds characterized as colloidal combinations of silver and protein.

argentoproteinum; protargin; silver proteinate; silver nucleate; silver nucleinate; argentum vitellinum [mild]; Argyrol [mild]; Silvol [mild]; albumose silver [strong]; Protargol [strong]. Antiseptic. Silver compound(s) prepared from a silver salt with gelatin, serum albumin, casein or peptone. Soluble in H₂O; nearly insoluble in

alcohol, Et₂O, CHCl₃. *IoLab.*

6141 Silver Sulfadiazine

22199-08-2 244-834-5

Silvadene

N¹-2-Pyrimidinylsulfanilamide monosilver(1+) salt.

component of: Boots SSD. Anti-infective (topical). *Boots Pharmaceuticals Inc.; Marion Merrell Dow Inc.*

6142 Sodium Borate

1303-964 8733 232-160-4

B₄Na₂O₇

Sodium diborate.

sodium pyroborate; sodium tetraborate; component of: Collyrium Eye Wash. Antiseptic (vet); detergent (vet); astringent (vet); pharmaceutical aid (alkalizer). Bright orange crystals. Used as an oxidizing agent in synthetic chemistry. Also used as a topical anti-infective. Slowly soluble in H₂O. *Wyeth-Ayerst Labs.*

6143 Sodium Hypochlorite

8007-59-8 8773 231-668-3

ClNaO

Sodium hypochlorite.

aqueous solution: Eau de Labarraque, Clorox, Dazzle; diluted soda solution: modified Dakin's solution. Anti-infective; antiseptic, topical (vet). A diluted soda solution used as an antiseptic for wound irrigation (vet). Halogen containing compound. mp = 18°; decomposed by CO₂ in air; anhydrous form is explosive; soluble in H₂O; remarkably stable in aqueous solution.

6144 Sodium Iodate

7681-55-2 8776 231-672-5

INaO₃

Sodium iodate.

Antiseptic (mucous membranes). Halogen containing compound. d = 4.28; soluble in H₂O; insoluble in alcohol.

6145 Strontium Peroxide

1314-18-7 9010 215-224-6

O₂Sr

Strontium peroxide.

Antiseptic. Peroxide. Nearly insoluble in H₂O; forms hydrogen peroxide with dilute acids; gradually dec on exposure to air.

6146 Sulfadimethoxine

122-11-2 9073 204-523-7

C₁₂H₁₄N₄O₄S

N¹-(2,6-Dimethoxypyrimidin-4-yl)sulfanilamide.

Agribon; Albon; Arnosulfan; Bactrovet; Diasulfa; Madribon; Maxulvet; Neostreptal; Sudine; Suldixine; Sulfabon; Sulxin; Sumbio; Ultrasulfon; component of: Rofenaid, Maxutrim, Prazil, Trivalbon. Antibacterial. A sulfonamide. mp = 201-203°; soluble in dilute HCl, aqueous sodium carbonate solutions, H₂O, LD₅₀ (mus orl) > 10 g/kg. *Hoffmann-LaRoche Inc.; ICI; Oesterreiche Stickstoffwerke.*

6147 Symclosene

87-90-1 9188 201-782-8

C₃Cl₃N₃O₃

1,3,5-Trichloro-s-triazine-2,4,6(1H,3H,5H)-trione.

trichloroiminocyanuric acid; trichloroisocyanuric acid; NSC-405124; ACL-85; Chloreal. Anti-infective (topical). Halogen containing compound. A chlorinating agent, disinfectant, and industrial deodorant. component of: household cleaners. CAUTION: Irritating to eyes, skin, mucous membranes. mp = 246-247° (dec); pH 4.4; slightly soluble in H₂O; soluble in chlorinated and highly polar solvents. *Grace, W.R. & Co. Monsanto Co.*

6148 α-Terpineol

98-55-5 9316 202-680-6
C₁₀H₁₈O
α,α,4-Trimethyl-3-Cyclohexene-1-methanol.
p-menth-1-en-8-ol. Antiseptic. One of three isomers of terpineol. Liquid; [dl-form]: bp₃ = 85°; d¹⁵ = 0.9386; n₄²⁰ = 1.4831.

6149 Thimerfonate Sodium

5964-24-9 9450 227-741-4
C₈H₉HgNaO₃S₂
Ethyl(hydrogen p-mercaptobenzenesulfonato)mercury sodium salt.
Sulfo-Merthiolate. Anti-infective (topical). Mercurial compound. Soluble in H₂O. *Eli Lilly & Co.*

6150 Thimerosol

54-64-8 9451 200-210-4
C₉H₉HgNaO₃S
Ethyl(sodium o-mercaptobenzoato)mercury.
sodium ethylmercurithiosalicylate; thiomersalate; mercurothiolate; Merthiolate; Merzonin; Vitaseptol; component of: Collyrium Eye Wash. Anti-infective (topical); pharmaceutical aid (preservative). Mercurial compound. Soluble in H₂O; less soluble in alcohol; practically insoluble in Et₂O, C₆H₆. *Eli Lilly & Co.; Wyeth-Ayerst Labs.*

6151 Thiosalan

15686-78-9
C₁₃H₈Br₃NOS
3,4,5'-Tribromo-2-mercaptobenzanilide.
Disinfectant.

6152 Tibeazonium Iodide

54663-47-7 9565 259-284-1
C₂₈H₃₂IN₃S₂
Diethylmethyl[(2-[[4-[p-(phenylthio)phenyl]-3H-1,5-benzodiazepin-2-yl]thio]ethyl]ammonium iodide.
thiabenazonium iodide; Rec-15-0691; Antoral.
Antibacterial. Quaternary ammonium compound. mp = 162°; LD₅₀ (mus olr) > 10000 mg/kg, (rat olr) = 9000 mg/kg; (mus ip) = 42 mg/kg, (rat ip) = 35 mg/kg. *Recordati Industria Chimica.*

6153 Tibrofan

15686-72-3
C₁₁H₆Br₃NOS
4,4'-Tribromo-2-thiophenecarboxyanilide.
Disinfectant.

6154 2,4,6-Tribromo-m-cresol

118-79-6 9742 204-278-6
C₇H₅Br₃O
2,4,6-Tribromo-3-methylphenol.

Micatex. Antiseptic. Phenol. mp = 84°.

6155 Tribromsalan

87-10-5 9747 201-723-6
C₁₃H₈Br₃NO₂
3,4',5-Tribromosalicylanilide.
TBS; Temasept IV; Tuasol. Disinfectant; bacteriostat. mp = 227-228°; practically insoluble in H₂O; soluble in hot Me₂CO, DMF. *Dow Chemical U.S.A.; Lever Brothers; Unilever.*

6156 3',4',5'-Trichlorosalicylanilide

642-84-2 9775 211-391-4
C₁₃H₈Cl₃NO₂
5-Chloro-N-(3,4-dichlorophenyl)-2-hydroxybenzamide.
Anobial. Phenol used as an antiseptic and deodorant in soaps and cosmetics. mp = 246-248°; forms a H₂O soluble sodium salt. *Ciba-Geigy Corp.*

6157 Triclobisonium Chloride

79-90-3 9785 201-232-7
C₃₆H₇₄Cl₂N₂
N,N,N',N'-Tetramethyl-N,N'-bis[1-methyl-3-(2,2,6-trimethylcyclohexyl)propyl]-1,6-hexanediaminium dichloride.
Ro-5-0810/1; Triburon. Antiseptic. Quaternary ammonium compound. mp = 243-253° (dec); soluble in H₂O, CHCl₃, alcohol. *Hoffmann-LaRoche Inc.*

6158 Triclosan

3380-34-5 9790 222-182-2
C₁₂H₇Cl₃O₂
5-Chloro-2-(2,4-dichlorophenoxy)phenol.
CH-3635; Aquasept; Gamophen; Irgasan DP 300; Sapoderm; SterZac. Antiseptic; disinfectant. Halogen containing compound. mp = 54-57.3°; pKa = 7.9; insoluble in H₂O; soluble in alkaline solutions and many organic solvents. *Ciba-Geigy Corp.*

6159 Troclosen Potassium

2244-21-5 9896 218-828-8
C₃Cl₂KN₃O₃
1,3-Dichloro-s-triazine-2,4,6(1H,3H,5H)trione potassium salt.
potassium troclosen; potassium dichloroisocyanurate; potassium salt of dichloroisocyanuric acid; ACL-59. Anti-infective (topical). Halogen containing compound. Source of Cl in solid bleach and detergent formulations. *Monsanto Co.*

6160 Urea Hydrogen Peroxide

124-43-6 10007 204-701-4
CH₆N₂O₃
Urea compound with hydrogen peroxide.
carbamide peroxide; hydrogen peroxide carbamide; Debrox; Exterol; Gly-Oxide; Hyperol; Ortizon (obsolete); Perhydrit; Perhydrol-Urea. Antiseptic. Usually contains 35% H₂O₂. Dec in air to urea, oxygen and H₂O; soluble in H₂O; partly decomposed by alcohol or Et₂O to H₂O₂ and urea.

6161 Yellow Precipitate

21908-53-2 5936 244-654-7
HgO
Mercuric oxide.

mercuric oxide, yellow. Antiseptic, topical (ophthalmic). CAUTION: poisonous. Incompatible with reducing agents; light sensitive.

6162 Zinc Permanganate

23414-72-4 10281 245-646-6

$\text{Mn}_2\text{O}_8\text{Zn}$

Permanganic acid zinc salt.

Antiseptic; astringent. Permanganate. Deteriorates on exposure to light, air; soluble in H_2O ; decomposed by alcohol.

6163 Zinc Peroxide

1314-22-3 10282 215-226-7

O_2Zn

Zinc peroxide.

ZPO; zinc superoxide. Antiseptic (topical); astringent. Dec above 150° ; soluble in dilute acids, liberating H_2O_2 ; insoluble in but decomposed by H_2O .

6164 Zinc Salicylate

16283-36-6 10288 240-380-7

$\text{C}_{14}\text{H}_{10}\text{O}_6\text{Zn}$

2-Hydroxybenzoic acid zinc salt.

zinc disalicylate. Antiseptic (topical); astringent. Soluble in H_2O .

6165 Zinc Tannate

8011-65-2 10295 232-377-4

Zinc oxide and tannins.

sal barnit. Astringent; antiseptic. Practically insoluble in H_2O ; soluble in dilute acids.

Antispasmodics

6166 Alibendol

26750-81-2 243 247-960-9

$\text{C}_{13}\text{H}_{17}\text{NO}_4$

5-Allyl-N-(2-hydroxyethyl)-3-methoxysalicylamide.

EB-1856; FC-54; H-3774; Cebera. Choleric and antispasmodic. mp = 95° ; λ_m = 316, 218 nm (EtOH); LD₅₀ (mmus orl) > 3000 mg/kg, (mmus sc) > 2000 mg/kg, (mmus iv) = 217 mg/kg. *Roussel-UCLAF*.

6167 Ambucetamide

519-88-0 403 208-278-7

$\text{C}_{17}\text{H}_{28}\text{N}_2\text{O}_2$

2-(Diethylamino)-2-(p-methoxyphenyl)acetamide.

A-16; Dibutamide; Bersen; Meritin. Antispasmodic. mp = $125-127^\circ$, 134° ; insoluble in H_2O ; soluble in EtOH, iPrOH, AcOH.

6168 Aminopromazine

58-37-7 487 200-378-9

$\text{C}_{19}\text{H}_{25}\text{N}_3\text{S}$

10-[2,3-Bis(dimethylamino)propyl]phenothiazine.

proquamezine; RP-3828; Tetrameprozine. Antispasmodic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

6169 Aminopromazine Fumarate

3688-62-8 487 222-987-9

$\text{C}_{42}\text{H}_{54}\text{N}_6\text{O}_4\text{S}_2$

10-[2,3-Bis(dimethylamino)propyl]phenothiazine

fumarate (2:1).

Lispamol; Lorusil; Spamol. Antispasmodic. dec $166-170^\circ$; soluble in H_2O (9.0 g/100 ml), MeOH (5 g/100 ml), EtOH (0.5 g/100 ml); slightly soluble in iPrOH, Me_2CO ; insoluble in C_6H_6 , Et_2O . *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

6170 Apotatropine

500-55-0 780 207-906-7

$\text{C}_{17}\text{H}_{21}\text{NO}_2$

endo- α -Methylenebenzeneacetic acid

8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester.

atropamine; atropyltropine. Occurs in the root of *Atropa belladonna* L. *Solanaceae*. Antispasmodic. mp = 62° ;

insoluble in H_2O ; soluble in EtOH, Et_2O , CHCl_3 , C_6H_6 , CS_2 ; slightly soluble in petroleum ether, isoamyl alcohol; LD₅₀ (mus orl) = 160 mg/kg, (mus ip) = 14.1 mg/kg; [hydrochloride ($\text{C}_{17}\text{H}_{22}\text{ClNO}_2$)] : mp = 239° ; soluble in hot H_2O ; sparingly soluble in EtOH, Me_2CO ; insoluble in Et_2O ; [sulfate pentahydrate ($\text{C}_{34}\text{H}_{44}\text{N}_2\text{O}_8 \cdot 5\text{H}_2\text{O}$)] : sparingly soluble in H_2O .

6171 Bencianol

85443-48-7 287-240-1

$\text{C}_{28}\text{H}_{22}\text{O}_6$

(2R,3S)-3',4'-(Diphenylmethylene)dioxy]-3,5,7-flavan triol.

Anti-spasmodic.

6172 Bevonium Methyl Sulfate

5205-82-3 1239 226-001-8

$\text{C}_{23}\text{H}_{31}\text{NO}_7\text{S}$

2-(Hydroxymethyl)-1,1-dimethylpiperidinium methyl sulfate benzilate.

CG-201; Acabel. Anticholinergic and antispasmodic; also used as a bronchodilator. mp = $134-135^\circ$. *Grünenthal*.

6173 Bietamiverine

479-81-2 1252 207-538-7

$\text{C}_{19}\text{H}_{30}\text{N}_2\text{O}_2$

2-Diethylaminoethyl α -phenyl-1-piperidineacetate hydrochloride.

Antispasmodic. bp₁ - 65° ; d_4^{25} = 1.0184. *Nordmark*.

6174 Bietamiverine Dihydrochloride

2691-4-65 1252

$\text{C}_{19}\text{H}_{32}\text{Cl}_2\text{N}_2\text{O}_2$

2-Diethylaminoethyl α -phenyl-1-piperidineacetate dihydrochloride.

Antispasmodic. mp = $194-195^\circ$. *Nordmark*.

6175 Bietamiverine Hydrochloride

1477-10-7 1252

$\text{C}_{19}\text{H}_{31}\text{ClN}_2\text{O}_2$

2-Diethylaminoethyl α -phenyl-1-piperidineacetate monohydrochloride.

Novosparol. Antispasmodic. mp = $187-189^\circ$. *Nordmark*.

6176 Butaverine

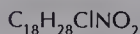
55837-14-4 1544

$\text{C}_{18}\text{H}_{27}\text{NO}_2$

Butyl 3-phenyl-3-(1-piperidyl)propionate. butamiverine. Antispasmodic.

6177 Butaverine Hydrochloride

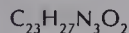
17824-89-4 1544

Butyl 3-phenyl-3-(1-piperidyl)propionate Hydrochloride.
Espasmo-Gemora; Gemora. Antispasmodic. mp = 170°.**6178 Butropium Bromide**

29025-14-7 1569 249-375-4

8-(p-Butoxybenzyl)-3 α -hydroxy-1 α H-tropanium bromide (-)-tropate.BHB; Coliopan. Anticholinergic and antispasmodic. mp = 166-168°, 158-160°; [α]_D²⁰ = -21.7° (c = 0.5 H₂O); freely soluble in AcOH; soluble in CHCl₃, DMF; slightly soluble in H₂O, 0.1N HCl, 0.1N NaOH; insoluble in Me₂CO, Et₂O, C₆H₆; LD₅₀ (mmus orl) = 1500 mg/kg, (mmus sc) = 66- mg/kg, (mmus iv) = 12.0 mg/kg. *Eisai*.**6179 Caroverine**

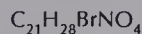
23465-76-1 1906



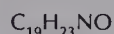
1-[2-(Dimethylamino)ethyl]-3-(p-methoxybenzyl)-2(1H)-quinoxalinone.

Spasium. Antispasmodic. mp = 69°; bp_{0.01} = 202°; (hydrochloride (C₂₂H₂₈ClN₃O₃)): dec 188°. *Donau Pharm*.**6180 Cimetropium Bromide**

51598-60-8 2338

[7(S)-(1 α ,2 β ,4 β ,5 α ,7 β)]-9-(Cyclopropylmethyl)-7-(3-hydroxy-1-oxo-2-phenylpropoxy)-9-methyl-3-oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane bromide.DA-3177; Alginor. Antispasmodic. mp = 174°; [α]_D²⁰ = -18.3° (c = 3). *DeAngeli*.**6181 Cinnamedrine**

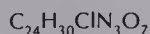
90-86-8 2357 202-021-2

 α -[1-(Cinnamylmethylamino)ethyl]benzyl alcohol.
Antispasmodic. mp = 72-78°; [dl-hydrochloride (C₁₉H₂₄ClNO)]: mp = 180-185°; soluble in H₂O (1.25 g/100 ml at 20°), EtOH (10 g/100 ml at 20°), CHCl₃ (2 g/100 ml); sparingly soluble in Et₂O, C₆H₆. *Sterling Winthrop, Inc*.**6182 Clebopride**

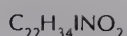
55905-53-8 2404 259-885-9

4-Amino-N-(1-benzyl-4-piperidyl)-5-chloro-o-anisamide.
Antispasmodic and antiemetic. mp = 194-195°; (hydrochloride monohydrate (C₂₀H₂₅Cl₂N₃O₂·H₂O)): mp = 217-219°; LD₅₀ (mus orl) > 1000 mg/kg. *Anphar*.**6183 Clebopride Malate**

57645-91-7 2404 260-874-6

4-Amino-N-(1-benzyl-4-piperidyl)-5-chloro-o-anisamide malate.
Amicos; Clanzol; Clast; Cleboril; Motilex. Antispasmodic and antiemetic. *Anphar*.**6184 Cyclonium Iodide**

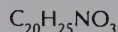
6577-41-9 2806



1-[(2-Cyclohexyl-2-phenyl-1,3-dioxolan-4-yl)methyl]-1-methylpiperidinium iodide.

oxapium iodide; ciclonium iodide; SH-100; Esperan. Antispasmodic. [α -form]: mp = 195-197°; [β -form]: mp = 150-152°; [both forms]: soluble in MeOH, EtOH, CHCl₃, poorly soluble in C₆H₆, C₇H₈, H₂O; LD₅₀ (mus ip) = 106 mg/kg. *Toyama*.**6185 Difemerine**

80387-96-8 3180



2-(Dimethylamino)-1,1-dimethylethyl benzilate.

Anticholinergic and antispasmodic. mp = 78-78.3°. *Labs. UPSA*.**6186 Difemerine Hydrochloride**

70280-88-5 3180 274-526-6



2-(Dimethylamino)-1,1-dimethylethyl benzilate hydrochloride.

Luostyl. Anticholinergic and antispasmodic. mp = 182°. *Labs. UPSA*.**6187 Diisopromine**

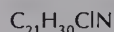
5966-41-6 3239 227-752-4



N,N-Diisopropyl-3,3-diphenylpropylamine.

dispromine. Antispasmodic. *Janssen Pharmaceutical, Belgium; N.V. Nederlandsche Comb. Chem. Ind.***6188 Diisopromine Hydrochloride**

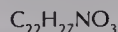
24358-65-4 3239 246-201-9



N,N-Diisopropyl-3,3-diphenylpropylamine hydrochloride.

Agofell; Bilagol. Antispasmodic. mp = 175-176°; λ_m = 254, 259.5, 268.8 nm; soluble in H₂O, MeOH, EtOH, CHCl₃; insoluble in Et₂O. *Janssen Pharmaceutical, Belgium; N.V. Nederlandsche Comb. Chem. Ind.***6189 Dioxaphetyl Butyrate**

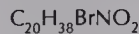
467-86-7 3354 207-402-7



Ethyl 4-morpholino-2,2-diphenylbutyrate.

Amidalgon; Spasmoxal; Spasmoxale. Antispasmodic and narcotic analgesic. (hydrochloride (C₂₂H₂₈ClNO₃)): mp = 168-169°. *Sterling Winthrop, Inc*.**6190 Diponium Bromide**

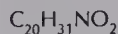
2001-81-2 3402 217-891-9



Triethyl(2-hydroxyethyl)ammonium bromide dicyclopentylacetate.

dipenine bromide; SA-267; Unospaston. Antispasmodic. mp = 185-186°; freely soluble in H₂O; LD₅₀ (mus orl) = 570 mg/kg, (mus ip) = 88 mg/kg, (mus iv) = 6.2 mg/kg, (rat orl) = 780 mg/kg, (rat iv) = 6.6 mg/kg. *Siegfried AG*.**6191 Drofenine**

1679-76-1 3501

2-(Diethylamino)ethyl α -phenylcyclohexaneacetate.hexahydroadiphenine. Antispasmodic. bp_{0.15} = 158°. *Ciba*

plc.

6192 Drofenine Hydrochloride

548-66-3 3501 208-954-1

 $C_{20}H_{32}ClNO_2$ 2-(Diethylamino)ethyl α -phenylcyclohexaneacetate hydrochloride.Trasentine-A; Trasentine 6-H. Antispasmodic. mp = 145-147°; freely soluble in H_2O ; sparingly soluble in EtOH, Et_2O ; LD₅₀ (mus iv) = 65.6 mg/kg. *Ciba plc.***6193 Emepronium Bromide**

3614-30-0 3598 222-786-6

 $C_{20}H_{28}BrN$

Ethylidimethyl(1-methyl-3,3-diphenylpropyl)ammonium bromide.

Cetiprin; Restenacht; Ripirin; Uro-Ripirin. Antispasmodic. mp = 204°. *Aktiebolaget. Recip.***6194 Ethaverine**

486-47-5 3773 207-633-3

 $C_{24}H_{29}NO_4$ 1-(3,4-Diethoxybenzyl)-6,7-diethoxyisoquinoline. ethylpapaverine; Dyscural. Antispasmodic. mp = 99-101°; insoluble in H_2O ; slightly soluble in EtOH, $CHCl_3$, Et_2O .**6195 Ethaverine Hydrochloride**

985-13-7 3773 213-573-9

 $C_{24}H_{30}ClNO_4$

1-(3,4-Diethoxybenzyl)-6,7-diethoxyisoquinoline hydrochloride.

Barbonin; Circubid; Diquinol; Ethabid; Isovex; Laverin; Perparin; Perperine. Antispasmodic. mp = 186-188°; soluble in H_2O (2.5 g/100 ml).**6196 Etomidoline**

21590-92-1 3928 244-463-9

 $C_{23}H_{29}N_3O_2$ 2-Ethyl-3-(β -piperidino-p-phenetidino)phthalimidine.K-2680; Smedolin. Anticholinergic and antispasmodic. mp = 106-107°; LD₅₀ (mus orl) = 176 mg/kg, (mus iv) = 44.8 mg/kg. *Farmitalia Carlo Erba SpA.***6197 Feclemine**

3590-16-7 3986

 $C_{24}H_{42}N_2$ 2-(α -Cyclohexylbenzyl)-N,N,N',N'-tetraethyl-1,3-propanediamine.UCB-1545; Licaran; Spasmexan. Antispasmodic. *UCB.***6198 Feclemine Hydrochloride**

115097-93-3 3986

 $C_{24}H_{43}ClN_2$ 2-(α -Cyclohexylbenzyl)-N,N,N',N'-tetraethyl-1,3-propanediamine hydrochloride.Licabile. Antispasmodic. mp < 70°; bp_{0.05} = 143°. *UCB.***6199 Fenalamide**

4551-59-1 3995 224-917-2

 $C_{19}H_{30}N_2O_3$

Ethyl N-[2-(diethylamino)ethyl]-2-ethyl-3-phenylmalonamate.

Spasmamide. Antispasmodic. bp₃ = 182-188°; insolublein H_2O , soluble in Me_2CO , MeOH, EtOH, EtOAc, C_6H_6 , $CHCl_3$, Et_2O , mineral acids; [hydrochloride ($C_{19}H_{31}ClN_2O_3$)]: mp = 71-74° (dec); [hydrobromide ($C_{19}H_{31}BrN_2O_3$)]: mp = 74-80° (dec). *Schering Corp.***6200 Fenoverine**

37561-27-6 4023 253-552-1

 $C_{26}H_{25}N_3O_3S$

10-[(4-Piperonyl-1-piperazinyl)acetyl]phenothiazine.

Spasmopriv. Antispasmodic. mp = 141-142°; LD₅₀ (mus orl) = 1500 mg/kg, (mus ip) = 2500 mg/kg.**6201 Fempiprane**

3540-95-2 4031

 $C_{20}H_{25}N$

1-(3,3-Diphenylpropyl)piperidine.

Antiallergic and antispasmodic. mp = 41-42.5°; bp₈ = 210-220°. *Sterling Winthrop, Inc.***6202 Fempiprane Hydrochloride**

3329-14-4 4031 222-049-9

 $C_{20}H_{26}ClN$

1-(3,3-Diphenylpropyl)piperidine hydrochloride.

component of: Aspasan. Antiallergic and antispasmodic. mp = 216-217°. *Sterling Winthrop, Inc.***6203 Fempiverinium Bromide**

125-60-0 4032 204-744-9

 $C_{22}H_{29}BrN_2O$

1-(3-Carbamoyl-3,3-diphenylpropyl)-1-methylpiperidinium bromide.

fempipramide methobromide; 12494 Hoechst; Resantin. Antispasmodic. mp = 177.5-178.5°, 216-216.5°; freely soluble in H_2O . *Hoechst.***6204 Fentonium Bromide**

5868-06-4 4048 227-520-2

 $C_{31}H_{34}BrNO_4$ 3 α -Hydroxy-8-(p-phenylphenacyl)-1 α H,5 α H-tropanium bromide (-)-tropate.phentonium bromide; FA-402; Z-326; Ketoscilium; Ulcesium. Anticholinergic and antispasmodic. mp = 203-205° (dec), 193-194°; [α]_D²³ = -5.68° (c = 5 DMF), [α]_D²⁵ = -4.7° (c = 5 DMF); LD₅₀ (mus iv) = 12.1 mg/kg, (mus sc) > 400 mg/kg, (mus orl) > 400 mg/kg. *Whitefin Hlodig.***6205 Flavoxate**

15301-69-6 4135 239-337-5

 $C_{24}H_{25}NO_4$

2-Piperidinoethyl 3-methyl-4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylate.

Antispasmodic. Soluble in H_2O 0.001 g/100 ml at 37°, EtOH, $CHCl_3$; LD₅₀ (rat orl) = 1110 mg/kg, (rat iv) = 20.8 mg/kg. *Seceph; Recordati Industria Chimica.***6206 Flavoxate Hydrochloride**

3717-88-2 4135 223-066-4

 $C_{24}H_{26}ClNO_4$

2-Piperidinoethyl 3-methyl-4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylate hydrochloride.

DW-61; Rec-7-0040; Bladderon; Genurin; Patricin; Spasuret; Urispas. Antispasmodic. mp = 232-234°; LD₅₀ (rat iv) = 27.4 mg/kg. *Seceph; Recordati Industria*

Chimica.

6207 Flavoxate Succinate

28782-19-6 4135 249-217-4

 $C_{28}H_{31}NO_8$

2-Piperidinoethyl 3-methyl-4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylate succinate.

Antispasmodic. Soluble in H_2O (33.7 g/100 ml at 37°). *Seceph; Recordati Industria Chimica.***6208 Flopropione**

2295-58-1 4142 218-942-8

 $C_9H_{10}O_4$

1-(2,4,6-Trihydroxyphenyl)-1-propanone.

phloropropiophenone; RP-13907; Argobyl; Cospanon; Flopion; Gallepronin; Gasstenon; Labroda; Labrodax; Pasmus; Profenon; Spamorin; Spasmoril; Supanate; Supazlun. Antispasmodic. mp = 175-176°; soluble in EtOH, Et_2O , EtOAc, hot H_2O ; poorly soluble in cold H_2O .**6209 Gluconic Acid**

526-95-4 4464 208-401-4

 $C_6H_{12}O_7$

D-Gluconic acid.

dextronic acid; maltonic acid; glyconic acid; glycogenic acid; pentahydroxycaproic acid; Almora [as magnesium salt dihydrate ($C_{12}H_{22}MgO_{14} \cdot 2H_2O$)]; Ultra-Mg [as magnesium salt dihydrate]. Antispasmodic. mp = 131°; $d_4^{25} = 1.24$; $[\alpha]_D^{20} = -6.7^\circ$ (c = 1); freely soluble in H_2O , slightly soluble in EtOH, insoluble in Et_2O and most other organic solvents. *Pfizer International.***6210 Hexasonium Iodide**

3569-59-3

 $C_{18}H_{27}IO_2S$ (2-Hydroxyethyl)dimethyl sulfonium iodide α -phenyl cyclohexaneacetate. Spasmolytic.**6211 Hydramitrazine**

13957-36-3 4803 237-736-9

 $C_{11}H_{23}N_7$ 4,6-Bis(diethylamino)-1,3,5-triazin-2(1H)-one hydrazone. Meladrazine. Antispasmodic. *Ciba plc.***6212 Hydramitrazine Tartrate**

20423-87-4 4803 243-808-0

 $C_{15}H_{29}N_7O_6$

4,6-Bis(diethylamino)-1,3,5-triazin-2(1H)-one hydrazone tartrate.

Lisidonil. Antispasmodic. *Ciba plc.***6213 Hymecromone**

90-33-5 4903 201-986-7

 $C_{10}H_8O_3$

7-Hydroxy-4-methyl-2H-1-benzopyran-2-one.

4-methylumbelliferone; imecromone; 4-MU; Bilcolic; Bilton H; Cantabilin; Cantabiline; Cholonerton; Cholspasmin; Cumarote C; Himecol; Medilla; Mendiaxon. Antispasmodic and choleric. mp = 185-186°, 194-195°; $\lambda_m = 221, 251, 322.5$ nm (MeOH); soluble in MeOH, AcOH; slightly soluble in Et_2O , $CHCl_3$; insoluble in cold H_2O .**6214 Hymecromone****O,O-Diethylphosphorothioate**

299-45-6 4903

 $C_{14}H_{17}O_5PS$

7-Hydroxy-4-methyl-2H-1-benzopyran-2-one O,O-diethyl phosphorothioate.

E-838; Potasan. Antispasmodic and choleric. Acts as a cholinesterase inhibitor (cf. Parathion) and is used as an insecticide, especially effective against the Colorado beetle. mp = 38°; bp_{1.0} = 210° (dec); $d_4^{38} = 1.260$; sparingly soluble in H_2O ; slightly soluble in petroleum ether; soluble in most other organic solvents; LD₅₀ (rat ip) = 15 mg/kg.**6215 Leiopyrrole**

5633-16-9 5457

 $C_{23}H_{28}N_2O$

N,N-Diethyl-2-[2-(2-methyl-5-phenyl-1H-pyrrol-1-yl)-phenoxy]ethanamine.

DV-714. Antispasmodic. bp₁₃ = 232°.**6216 Leiopyrrole Hydrochloride**

14435-78-0 5457

 $C_{23}H_{29}ClN_2O$

N,N-Diethyl-2-[2-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenoxy]ethanamine hydrochloride.

Leioplegil. Antispasmodic. mp = 138°; readily soluble in H_2O .**6217 Mebeverine**

3625-06-7 5808 222-830-4

 $C_{25}H_{35}NO_5$

3,4-Dimethoxybenzoic acid 4-(ethyl-[2-(4-methoxyphenyl)-1-methylethyl]amino)butyl ester.

Antispasmodic. *N.V. Philips.***6218 Mebeverine Hydrochloride**

2753-45-9 5808 220-400-0

 $C_{25}H_{36}ClNO_5$

3,4-Dimethoxybenzoic acid 4-(ethyl-[2-(4-methoxyphenyl)-1-methylethyl]amino)butyl ester hydrochloride.

Colofac; Duspatalin; Duspatal. Antispasmodic. mp = 105-107°, 129-131°. *N.V. Philips.***6219 Moxaverine**

10539-19-2 6371 234-117-5

 $C_{20}H_{21}NO_2$

3-Ethyl-6,7-dimethoxy-1-(phenylmethyl)isoquinoline.

Antispasmodic. mp = 78-79°. *Orgamol, S.A.***6220 Moxaverine Hydrochloride**

1163-37-7 6371 214-607-5

 $C_{20}H_{22}ClNO_2$

3-Ethyl-6,7-dimethoxy-1-(phenylmethyl)isoquinoline hydrochloride.

Eupaverin; Eupaverina; Kollateral; Sorbosan. Antispasmodic. mp = 214°, 208-210° (dec); sparingly soluble in cold H_2O ; soluble in hot H_2O , EtOH, other organic solvents. *Orgamol, S.A.***6221 N,N,1-Trimethyl-3,3-diphenylpropylamine**

13957-55-6 9843

 $C_{18}H_{23}N$ N,N, α -Trimethyl- σ -phenylbenzenepropanamine.

Recipavrin. Antispasmodic. [l-form hydrochloride]: mp =

180-182°; $[\alpha]_D^{20} = -43.3^\circ$ (c = 1.04 H₂O); [d-form hydrochloride]: mp = 179-181°; $[\alpha]_D^{20} = 43.1^\circ$ (c = 0.53 H₂O); [nitrate]: mp 118-120°.

6222 Nafiverine

5061-22-3 6439 225-766-5
 $C_{34}H_{38}N_2O_4$
 α -Methyl-1-naphthaleneacetic acid 1,4-piperazinediyl-di-2,1-ethanediyl ester.
 Naftidan. Antispasmodic. [dihydrochloride ($C_{34}H_{40}Cl_2N_2O_4$)]: mp = 220-221°. *DeAngeli*.

6223 N-Butylscopolammonium Bromide

149-64-4 1624 205-744-1
 $C_{21}H_{30}BrNO_4$
 [(7S)-(1 α ,2 β ,4 β ,5 α ,7 β)]-9-Butyl-7-(3-hydroxy-1-oxo-2-phenylpropoxy)-9-methyl-3-oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane bromide.
 scopolamine bromobutylate; Amisepan; Buscapina; Buscol; Buscolysin; Buscopan; Butylmin; Donopon; Monospan; Scobro; Scobron; Scobutil; Sparicon; Sporamin; Stibron; Tirantil; hyoscine N-butyl bromide. Antispasmodic. mp = 142-144°; $[\alpha]_D^{20} = -20.8^\circ$ (c = 3 H₂O); LD₅₀ (mus iv) = 15.6 mg/kg, (mus ip) = 74 mg/kg, (mus sc) = 570 mg/kg, (mus orl) = 3000 mg/kg. *Boehringer Ingelheim GmbH*.

6224 Octamylamine

502-59-0 6846 207-947-0
 $C_{13}H_{29}N$
 6-Methyl-N-(3-methylbutyl)-2-heptanamine.
 Octinum D; Octisamyl; Neo-Octon; Octometine. Anticholinergic and antispasmodic. bp₇ = 100-101°; [hydrochloride ($C_{13}H_{30}ClN$)]: mp = 121°; soluble in H₂O, EtOH, Et₂O. *Knoll Pharmaceutical Co*.

6225 Octaverine

549-68-8 6851 208-976-1
 $C_{23}H_{27}NO_5$
 6,7-Dimethoxy-1-(3,4,5-triethoxyphenyl)isoquinoline.
 oktaverine. Antispasmodic. Insoluble in H₂O; [hydrochloride ($C_{23}H_{28}ClNO_5$)]: mp = 199-200°; sparingly soluble in H₂O (0.2 g/100 ml). *Asta Chemische Fabrik*.

6226 Pentapiperide

7009-54-3 7260 230-286-4
 $C_{18}H_{27}NO_2$
 α -(1-Methylpropyl)benzeneacetic acid 1-methyl-4-piperidinyl ester.
 Anticholinergic and antispasmodic. [fumarate ($C_{22}H_{31}NO_6$)]: mp = 91-93°. *Cilag-Chemie*.

6227 Pentapiperide Methosulfate

7681-80-3 7260 231-678-8
 $C_{20}H_{33}NO_6S$
 α -(1-Methylpropyl)benzeneacetic acid 1-methyl-4-piperidinyl ester methyl sulfate.
 Crylène; Hycholin; Quilene. Anticholinergic and antispasmodic. mp = 110-112°. *Cilag-Chemie*.

6228 Phenamacide Hydrochloride

31031-74-0 7350
 $C_{13}H_{20}ClNO_2$

($\pm$)- α -Aminobenzeneacetic acid 3-methylbutyl ester hydrochloride.

Aklonin. Antispasmodic. mp = 154°.

6229 Phloroglucinol

108-73-6 7482 203-611-2
 $C_6H_6O_3$
 1,3,5-Benzenetriol.
 phloroglucin; Dilospan S; Spasfon-Lyoc. Antispasmodic. mp = 218°; soluble in H₂O (1 g/100 ml), EtOH (10 g/100 ml), C₅H₅N (200 g/100 ml); LD₅₀ (mus orl) = 4550 mg/kg, (mus ip) = 4050 mg/kg, (mus sc) = 5520 mg/kg. *Hooker Chemical*.

6230 Pinaverium Bromide

53251-94-8 7595 258-450-0
 $C_{26}H_{41}Br_2NO_4$
 4-[(2-Bromo-4,5-dimethoxyphenyl)methyl]-4-[2-[2-(6,6-dimethylbicyclo[3.1.1]hept-2-yl)ethoxy]ethyl]morpholinium bromide.
 LAT-1717; Dicletel. Antispasmodic and only weakly anticholinergic. mp = 181°, 170°; LD₅₀ (mus orl) = 1400 mg/kg, (mus iv) = 66 mg/kg, 37 $\pm$ 2.4 mg/kg. *Societe+Abbott Labs. Berri-Balzac*.

6231 Piperilate

4546-39-8 7624
 $C_{21}H_{25}NO_3$
 α -Hydroxy- α -phenylbenzeneacetic acid 2-(1-piperidinyl)ethyl ester.
 Panpuro [as ethyl bromide ($C_{23}H_{30}BrNO_3$)]. Anticholinergic and antispasmodic.

6232 Piperilate Hydrochloride

4544-15-4 7624
 $C_{21}H_{26}ClNO_3$
 α -Hydroxy- α -phenylbenzeneacetic acid 2-(1-piperidinyl)ethyl ester hydrochloride.
 Daipisate; Norticon; Pensanate; Pipenale. Anticholinergic and antispasmodic. mp = 170-171°.

6233 Pipoxolan Hydrochloride

18174-58-8 7637
 $C_{22}H_{26}ClNO_3$
 5,5-Diphenyl-2-[2-(1-piperidinyl)ethyl]-1,3-ioxolan-4-one hydrochloride.
 BR-18; Rowaprxin. Antispasmodic. mp = 207-209°; soluble in H₂O; LD₅₀ (rat orl) = 1500 mg/kg, (rat iv) = 60 mg/kg, (rat ip) = 130 mg/kg, (rat sc) > 300 mg/kg, (mus orl) = 700 mg/kg, (mus iv) = 35 mg/kg, (mus ip) = 130 mg/kg. *Rowa-Wagner*.

6234 Pitofenone

54063-52-4
 $C_{22}H_{25}NO_4$
 Methyl o-[p-(2-piperidinoethoxy)benzoyl]benzoate.
 Antispasmodic.

6235 Pramiverin

14334-40-8 7887
 $C_{21}H_{27}N$
 N-(1-Methylethyl)-4,4-diphenylcyclohexanamine.
 pramiverine; primaverine; propaminodiphen.
 Antispasmodic. mp = 70°; bp_{0.05} = 164-165°. *E. Merck*.

6236 Pramiverin Hydrochloride

14334-41-9 7887 238-284-5
 $C_{21}H_{28}ClN$
 N-(1-Methylethyl)-4,4-diphenylcyclohexanamine hydrochloride.
 EMD-9806; HSP-2986; Monoverin; Sistolgin.
 Antispasmodic. mp = 230°, 234-237°; soluble in H_2O (0.3 g/100 ml), EtOH (4 g/100 ml), $CHCl_3$ (5 g/100 ml); insoluble in Et_2O ; LD₅₀ (14 days) (mus orl) = 346 mg/kg, (mus iv) = 25 mg/kg, (rat orl) = 623 mg/kg, (rat iv) = 26 mg/kg. *E. Merck*.

6237 Prifinium Bromide

4630-95-9 7923 225-051-8
 $C_{22}H_{28}BrN$
 3-(Diphenylmethylene)-1,1-diethyl-2-methylpyrrolidinium bromide.
 pyrodifenium bromide; Padrin; Riabal. Antispasmodic.
 mp = 216-218°; LD₅₀ (mmus iv) = 11 mg/kg, (mmus ip) = 43 mg/kg, (mmus sc) = 30 mg/kg, (mmus orl) = 330 mg/kg; [free base]: bp_{0.15} = 183-185°.

6238 Propyromazine

145-54-0 8057 205-657-9
 $C_{20}H_{23}BrN_2OS$
 1-Methyl-1-[1-methyl-2-oxo-2-(10H-phenothiazin-10-yl)ethyl]pyrrolidinium bromide.
 SD-104-19; Diaspasmyl. Anticholinergic and antispasmodic. mp = 228-229°; [free base ($C_{19}H_{20}N_2OS$)]: mp = 94.5-95.5°. *Astra Chemicals Ltd*.

6239 Proxazole

5696-09-3 8090
 $C_{17}H_{25}N_3O$
 N,N-Diethyl-3-(1-phenylpropyl)-1,2,4-oxadiazole-5-ethanamine.
 propaxoline. Antispasmodic. bp_{0.2} = 132°; [nitrate]: mp = 127-128°. *Angelini Pharmaceuticals, Inc*.

6240 Proxazole Citrate

132-35-4 8090 205-059-8
 $C_{23}H_{33}N_3O_8$
 N,N-Diethyl-3-(1-phenylpropyl)-1,2,4-oxadiazole-5-ethanamine citrate.
 AF-634; Flou; Pirecin; Toness. Antispasmodic. LD₅₀ (rat ip) = 39 mg/kg, (rat orl) = 60 mg/kg. *Angelini Pharmaceuticals, Inc*.

6241 Prozapine

3426-08-2 8093 222-325-9
 $C_{21}H_{27}N$
 1-(3,3-Diphenylpropyl)hexahydro-1H-azepine.
 hexadiphane. Antispasmodic. bp₁ = 170-174°. *N.V. Nederlandsche Comb. Chem. Ind.*

6242 Racefemine

22232-57-1 8273 244-856-5
 $C_{18}H_{23}NO$
 (±)-α-Methyl-N-(1-methyl-2-phenoxyethyl)-benzeneethanamine.
 CB-3697; [fumarate]: Dysmalgine. Antispasmodic.
 [isomer 1]: bp_{0.05} = 132-135°; fumarate mp = 162°; hydrochloride mp = 156-157°; [isomer 2]: hydrochloride mp = 167-168°; [isomer 3]: [α]_D²¹ = 41° C = 0.01 EtOH);

fumarate mp = 164-165°; hydrochloride mp = 186-187°; [α]_D²¹ = 22° (c = 0.01 EtOH); [isomer 4]: [α]_D²² = 22° (c = 0.005 EtOH), hydrochloride mp = 160-163°; [α]_D²⁰ = 22° (c = 0.01 EtOH); [isomer 5]: [α]_D²⁴ = -24° (c = 0.01 EtOH), hydrochloride mp = 189-190°; [α]_D²¹ = -22° (c = 0.01 EtOH); [isomer 6]: [α]_D²⁴ = -41° (c = 0.01 EtOH); fumarate mp = 164-164.5° [α]_D²² = -15° (c = 0.01 EtOH); hydrochloride mp = 186-187°; [α]_D²¹ = -21.5° (c = 0.01 EtOH). *Clin-Byla*.

6243 Rociverine

53716-44-2 8406 258-711-9
 $C_{20}H_{37}NO_3$
 1-Hydroxy-[1,1'-bicyclohexyl]-2-carboxylic acid 2-(diethylamino)-1-methylethyl ester.
 LG-30158; Rilaten. Antispasmodic. bp_{0.1} = 148-150°; insoluble in H_2O ; soluble in EtOH, Et_2O , C_6H_6 , $CHCl_3$. *Guidotti*.

6244 Sintropium Bromide

79467-19-9 8693
 $C_{19}H_{36}BrNO_2$
 (endo,syn)-8-Methyl-8-(1-methylethyl)-3-[(1-oxo-2-propylpentyl)oxy]-8-azoniabicyclo[3.2.1]octane bromide.
 VAL-480; VAL-4000. Antispasmodic. mp > 280° (dec); LD₅₀ (mus ip) = 77 mg/kg. *Valeas*.

6245 Spasmolytol

25333-96-4 8888
 $C_{14}H_{21}Br_2NO_2$
 2-[(3,5-Dibromo-2-methoxyphenyl)methoxy]-N,N-diethylethanamine.
 A-124. Antispasmodic. bp₃ = 185-195°; [hydrochloride ($C_{14}H_{22}Br_2ClNO_2$)]: mp = 124-127°. *Hynson, Westcott & Dunning*.

6246 Stilonium Iodide

77257-42-2
 Antispasmodic.

6247 Sultroponium

15130-91-3 9170
 $C_{20}H_{29}NO_6S$
 endo-(±)-3-(3-Hydroxy-1-oxo-2-phenylpropoxy)-8-methyl-8-(3-sulfoethyl)-8-azoniabicyclo[3.2.1]octane inner salt.
 Anticholinergic and antispasmodic. mp = 220° (dec); soluble in H_2O , warm EtOH; insoluble in Et_2O , Me_2CO , C_6H_6 , $CHCl_3$; λ_m = 251.5, 257.5, 263.5 nm (H_2O).

6248 Terflavoxate

86433-40-1
 $C_{26}H_{29}NO_4$
 1,1-Dimethyl-2-piperidinoethyl 3-methyl-4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylate.
 REC-15/2053. Smooth muscle relaxant. Bladder spasmolytic.

6249 Tiemonium Iodide

144-12-7 9571 205-616-5
 $C_{18}H_{24}INO_2S$
 4-[3-Hydroxy-3-phenyl-3-(2-thienyl)propyl]-4-methylmorpholinium iodide.

Visceralgia. Anticholinergic and antispasmodic. mp = 189-191°. *C.E.R.M.*

6250 Tigloidine

495-83-0 9574 207-810-5
 $C_{13}H_{21}NO_2$
 2-Methyl-2-butenic acid [1 α ,3 α (E),5 α]-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester.
 3 β -tigloyloxytropene. Antispasmodic. [hydrobromide ($C_{13}H_{22}BrNO_2$)] : mp = 234-235°; soluble in $CHCl_3$.

6251 Tiquizium Bromide

71731-58-3 9602
 $C_{19}H_{24}BrNS_2$
 trans-3-(Di-2-thienylmethylene)octahydro-5-methyl-2H-quinolizinium bromide.
 HSR-902; HS-902; Thiaton. Antispasmodic. mp = 278-281° (dec). *Hokoriku*.

6252 Tiopramide

55837-29-1 9607
 $C_{28}H_{41}N_3O_3$
 α -(Benzoylamino)-4-[2-(diethylamino)ethoxy]-N,N-dipropylbenzenepropanamide.
 CR-605. Antispasmodic. mp = 65-67°; LD₅₀ (rat iv) = 33.9 mg/kg. *Rotta Pharm.*

6253 Tiopramide Hydrochloride

53567-47-8 9607
 $C_{28}H_{42}ClN_3O_3$
 α -(Benzoylamino)-4-[2-(diethylamino)ethoxy]-N,N-dipropylbenzenepropanamide hydrochloride.
 Alfospas; Maiorad. Antispasmodic. *Rotta Pharm.*

6254 Tizanidine

51322-75-9
 Antispasmodic.

6255 Tizanidine Hydrochloride

64461-82-1
 Antispasmodic.

6256 Trepibutone

41826-92-0 9718
 $C_{16}H_{22}O_6$
 2,4,5-Triethoxy- σ -oxybenzenebutanoic acid.
 AA-149; Supacal. Choleric and antispasmodic. mp = 150-151°; LD₅₀ (mmus orl) = 1340 mg/kg, (mmus ip) = 530 mg/kg, (mrat orl) = 2450 mg/kg, (mrat ip) = 410 mg/kg. *Takeda*.

6257 Tricromyl

85-90-5 9791 201-641-0
 $C_{10}H_8O_2$
 3-Methyl-4H-1-benzoxopyran-4-one.
 Cromonalgina. Antispasmodic, coronary vasodilator. mp = 68°; λ_m = 304 nm. *Lab. Franc. Chimiother.*

6258 Trifolium

9818
 Meadow clover; red clover; purple clover; cow clover.
 Dried inflorescence of *Trifolium pratense* L. Leguminosae.
 Antispasmodic and expectorant.

6259 Trimebutine

39133-31-8 9829 254-309-2
 $C_{22}H_{29}NO_5$
 3,4,5-Trimethoxybenzoic acid 2-(dimethylamino)-2-phenylbutyl ester.
 Antispasmodic. mp = 78-80°; soluble in CH_2Cl_2 . *Jouveinal*.

6260 Trimebutine Maleate

34140-59-5 9829 251-845-9
 $C_{26}H_{33}NO_9$
 3,4,5-Trimethoxybenzoic acid 2-(dimethylamino)-2-phenylbutyl ester hydrochloride.
 TM-906; Cerekinon; Debridat; Digerent; Foldox; Polibutin; Spabucol; Trimedat. Antispasmodic. mp = 105-106°. *Jouveinal*.

6261 Tropenzile

53834-53-0 9908
 $C_{23}H_{27}NO_4$
 (3-endo, 6-exo)- α -Hydroxy- α -phenylbenzeneacetic acid 6-methoxy-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester.
 tropenzilium bromide [as methyl bromide]; component of: Palerol. Antispasmodic. mp = 99-101°; [hydrochloride ($C_{23}H_{28}ClNO_4$)] : mp = 146-148°. *Sandoz Pharmaceuticals Corp.*

6262 Xenytropium Bromide

511-55-7 10208 208-129-6
 $C_{30}H_{34}BrNO_3$
 endo-($\pm$)-8-([1,1'-Biphenyl]-4-ylmethyl)-3-(3-hydroxy-2-phenyl-1-oxopropoxy)-8-methyl-8-azoniabicyclo[3.2.1]octane bromide.
 N-399; Gastropin; Gastripon. Antispasmodic. dec 220-222°. *Licencia Budapest*.

Antisymphilitics

6263 Acetarson

97-44-9 49 202-582-3
 $C_8H_{10}AsNO_5$
 N-Acetyl-4-hydroxy-m-arsanilic acid.
 Stovarsol; acetarsol; acetphenarsine; Ehrlich 594; Fourneau 190; F-190; Amarsan; Arsaphen; Dynarsan; Goyl; Kharophen; Limarsol; Malagride; Gynoplax; Oralcid; Devegan; Orarsan; Osarsal; Osvarsan; Paroxyl; Sanogyl; Spirocid; S.V.C.; Monargan; Ginarsol; Stovarsolan. Antisymphilitic and antiprotozoal against *Trichomonas*. Dec 240-250°; slightly soluble in H_2O ; MLD (rbt orl) = 125-150 mg/kg, (cat orl) = 150-175 mg/kg. *Abbott Labs.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

6264 Acetarson Diethylamine Salt

534-33-8 49 208-597-1
 $C_{12}H_{21}AsN_2O_5$
 N-Acetyl-4-hydroxy-m-arsanilic acid diethylamine salt.
 Acetarsin; Acetilarsano; Acetylarsan; Arsaphenan; Golarsyl; Syntharsol. Antisymphilitic and antiprotozoal against *Trichomonas*. *Abbott Labs.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

6265 Arsacetin

618-22-4 829 210-541-6
 $C_8H_{10}AsNO_4$
 [4-(Acetylaminophenyl)arsonic acid.
 N-acetylarsanilic acid. Antisymphilitic. [sodium salt tetrahydrate ($C_8H_9AsNNaO_4 \cdot 4H_2O$): soluble in H_2O (10 g/100 ml at 25°, 33.3 g/100 ml at 100°); LD_{50} (rht iv) = 550 mg/kg.

6266 Arsphenamine

139-93-5 851 205-386-6
 $C_{12}H_{14}As_2Cl_2N_2O_2$
 4,4'-(1,2-Diarsenediyl)bis[2-aminophenol] dihydrochloride.
 Ehrlich 606; Arsaminol; Kharsivan; Salvarsan; Sanluol. Used formerly as an antisymphilitic. Soluble in H_2O , EtOH, glycerol; slightly soluble in $CHCl_3$, Et_2O ; LD_{100} (rat iv) = 140 mg/kg. *Hoechst*.

6267 Bismuth Butylthiolaurate

53897-25-9 1301
 $C_{16}H_{33}BiO_4S$
 2-(Butylthio)dodecanoic acid bismuth basic salt.
 Bisspecia; Neocardyl. Used formerly as an antisymphilitic. Insoluble in H_2O , soluble in oils.

6268 Bismuth Chloride Oxide

7787-59-9 1303 232-122-7
 $BiClO$
 Bismuth oxychloride.
 basic bismuth chloride; bismuthyl chloride; bismuth subchloride; pearl white; blanc d'Espagne; blanc de perle; Chlorbismol. Antisymphilitic. $d = 7.72$; melts at low red heat; insoluble in H_2O ; soluble in HCl , HNO_3 .

6269 Bismuth Ethyl Camphorate

52951-37-8 1304
 $C_{36}H_{57}BiO_{12}$
 d-Camphoric acid ethyl ester bismuth salt.
 bismuth(III) salt of d-camphoric acid ethyl ester. Used formerly as an antisymphilitic. mp = 61-67°; insoluble in H_2O ; soluble in $CHCl_3$, Et_2O , ethylene dichloride; MLD (rat mi) = 250 mg/kg.

6270 Bismuth Potassium Tartrate

5798-41-4 1318 227-345-1
 Potassium bismuth tartrate.
 potassium bismuthotartarate; potassium bismuthyl tartrate; tartaric acid bismuth complex potassium salt. Used formerly as an antisymphilitic. Soluble in H_2O (50 g/100 ml), insoluble in organic solvents. *Searle, G.D., & Co.*

6271 Bismuth Sodium Tartrate

31586-77-3 1321 250-719-0
 Sodium bismuth tartrate.
 sodium bismuthyl tartrate; tartaric acid bismuth complex, sodium salt; Natrol; Tartrol. Used formerly as an antisymphilitic. Soluble in H_2O (33 g/100 ml), insoluble in organic solvents. *Searle, G.D., & Co.*

6272 d-Camphocarboxylic Acid Basic Bismuth salt

4154-53-4 1778 242-404-1
 $C+83+83H_{46}Bi_2O_{11}$
 Basic bismuth d-camphocarboxylate.

Angimuth. Used formerly as an antisymphilitic. Insoluble in H_2O ; soluble in MeOH, Et_2O , C_6H_6 . *Abbott Labs.*

6273 Dichlorophenarsine

455-83-4 3121
 $C_6H_6AsCl_2NO$
 3-Amino-4-hydroxyphenyldichloroarsine.
 Used formerly as an antisymphilitic. *Parke-Davis.*

6274 Dichlorophenarsine Hydrochloride

536-29-8 3121
 $C_6H_7AsCl_3NO$
 3-Amino-4-hydroxyphenyldichloroarsine hydrochloride.
 Dichlor-Mapharsen; dichlorophenarsinammonium chloride. Used formerly as an antisymphilitic. mp = 200°; readily soluble in H_2O , LD_{50} (mus ip) = 41 mg/kg. *Parke-Davis.*

6275 Ethaneearsonic Acid

507-32-4 3768
 $C_2H_5AsO_3$
 Ethylarsonic acid.
 ethylarsinic acid. Used formerly as an antisymphilitic. mp = 99.5°; soluble in H_2O (70 g/100 ml at 27°, 112 g/100 ml at 40°), 95% EtOH (39.4 g/100 ml at 25°).

6276 Ethaneearsonic Acid Disodium Salt

5982-55-8 3768
 $C_2H_5AsNa_2O_3$
 Sodium ethylarsonate.
 Mon-Arsone. Used formerly as an antisymphilitic. Very soluble in H_2O .

6277 Mercuric Benzoate

583-15-3 5924 209-499-1
 $C_{14}H_{10}HgO_4$
 Mercury(II) benzoate.
 Used formerly as an antisymphilitic. Soluble in H_2O (1.1 g/100 ml at 25°, 2.5 g/100 ml at 100°), slightly soluble in EtOH.

6278 Mercurous Chloride

10112-91-1 5951 233-307-5
 Cl_2Hg_2
 Mercury(I) chloride.
 Calomel; mild mercury chloride, mercury monochloride; mercury protochloride; mercury subchloride; precipité blanc; Calogreen. Cathartic, laxative, diuretic and antisymphilitic. $d = 7.15$; sublimes at 400° without melting; insoluble in H_2O , organic solvents.

6279 Sodium Arsanilate

127-85-5 8719 204-869-9
 $C_6H_7AsNNaO_3$
 (p-Aminophenyl)arsonic acid sodium salt.
 arsanilic acid sodium salt; sodium aminarsonate; sodium anilarsonate; Arsamin; Atoxyl; Nuarsol; Prottoxyl; Soamin; Sonate; Piglet Pro-Gen V; Trypoxyl. Used formerly as an antisymphilitic. Soluble in H_2O (16.6 g/100 ml), EtOH (1 g/100 ml).

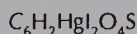
6280 Sodium Arsphenamine

1936-28-3 8722
 $C_{12}H_{10}As_2N_2Na_2O_2$
 4,4'-Arsenobis[2-aminophenol] disodium salt.
 arsphenamine sodium. Used formerly as an antisymphilitic.

Freely soluble in H₂O.

6281 Sozoiodole-Mercury

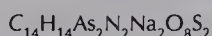
515-43-5 8881



4-Hydroxy-3,5-diiodobenzenesulfonic acid mercury salt. Used formerly as an antisyphilitic. Orange-yellow powder, insoluble in H₂O/EtOH, Et₂O, glycerol; soluble in NaCl or KI solutions.

6282 Sulfarsphenamine

618-82-6 9111 210-564-1

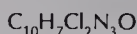


[1,2-Diarsenediylbis[(6-hydroxy-3,1-phenylene)imino]]-bismethanesulfonic acid disodium salt. sulfarsenobenzene; Karsulphan; Myosalvarsan; Myarsenol; Metarsenobillon; Thiosarmine. Used formerly as an antisyphilitic. Very soluble in H₂O, slightly soluble in EtOH.

Antithrombocythemics

6283 Anagrelide

68475-42-3 665



6,7-Dichloro-1,5-dihydroimidazo[2,1-b]quinazolin-2(3H)-one.

Antithrombocythemtic. *Roberts Pharmaceutical Corp.; Bristol-Myers Squibb Co.*

6284 Anagrelide Hydrochloride

58579-51-4 665



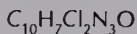
6,7-Dichloro-1,5-dihydroimidazo[2,1-b]quinazolin-2(3H)-one hydrochloride.

BL-4162A; BMY-26538-01; Agrelin; Agrylin. Antithrombocythemtic. mp >280°. *Roberts Pharmaceutical Corp.; Bristol-Myers Squibb Co.*

Antithrombotics

6285 Anagrelide

68475-42-3 665



6,7-Dichloro-1,5-dihydroimidazo[2,1-b]quinazolin-2(3H)-one.

Antithrombotic, antithrombocythemtic. *Roberts Pharmaceutical Corp.; Bristol-Myers Squibb Co.*

6286 Anagrelide Hydrochloride

58579-51-4 665



6,7-Dichloro-1,5-dihydroimidazo[2,1-b]quinazolin-2(3H)-one hydrochloride.

BL-4162A; BMY-26538-01; Agrelin; Agrylin. Antithrombotic, antithrombocythemtic. mp >280°. *Roberts Pharmaceutical Corp.; Bristol-Myers Squibb Co.*

6287 Antithrombin III

52014-67-2

The glycoprotein antithrombin obtained from human plasma.

Kybernin; THROMBATE III. Antithrombotic. *Bayer Corp.*,

Pharmaceutical Div.; Hoechst-Roussel Pharmaceuticals Inc.

6288 Argatroban

74863-84-6 816



(2R,4R)-4-Methyl-1-[N²-[(1,2,3,4-tetrahydro-3-methyl-8-quinolyl)sulfonyl]-L-arginyl]pipecolic acid.

Novastan; GN1600; argipidine; MQPA. Antithrombotic. mp = 188-191°. *Mitsubishi Chemical Corp.*

6289 Argatroban Hydrate

141396-28-3 816



(2R,4R)-4-Methyl-1-[N²-[(1,2,3,4-tetrahydro-3-methyl-8-quinolyl)sulfonyl]-L-arginyl]pipecolic acid monohydrate.

MCI-9038; Slonnon; MD-805; DK-7419; OM-805. Antithrombotic. mp = 176-180°; [α]_D²⁷ = 76.1° (c = 1 0.2N HCl). *Mitsubishi Chemical Corp.*

6290 Beciparcil

130782-54-6

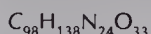


p-[(5-Thio-β-D-xylopyranosyl)thio]benzonitrile.

Antithrombotic.

6291 Bivalirudin

128270-60-0

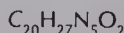


D-Phenylalanyl-L-prolyl-L-arginyl-L-prolylglycylglycylglycylglycyl-L-asparaginyglycyl-L-α-aspartyl-L-phenylalanyl-L-α-glutamyl-L-α-glutamyl-L-tyrosyl-L-leucine.

H-D-Phe-Pro-Arg-Pro-Gly-Gly-Gly-Gly-Asn-Gly-Asp-Phe-Glu-Glu-Ile-Pro-Glu-Glu-Tyr-Leu-OH; Hirulog; BG8967. Antithrombotic and anticoagulant. *Biogen, Inc.*

6292 Cilostazol

73963-72-1 2335

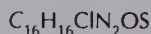


6-[4-(1-Cyclohexyl-1H-tetrazol-5-yl)butoxy]-3,4-dihydroxycarbostyryl.

OPC-13013; OPC-21; Pletaal. Antithrombotic, vasodilator and platelet inhibitor. mp = 169.4-170.3°; λ_m = 257 nm (ε 15200 MeOH); freely soluble in AcOH, CHCl₃, DMSO; insoluble in Et₂O, H₂O, 0.1N HCl, 0.1N NaOH. *Otsuka America Pharmaceuticals, Inc.*

6293 Clopidogrel

113665-84-2 2457



Methyl (+)-(S)-α-(o-chlorophenyl)-6,7-dihydrothieno[3,2-c]pyridine-5(4H)-acetate.

SR-25990. Platelet inhibitor and antithrombotic. [α]_D²⁰ = 51.52° (c = 1.61 MeOH). *Sanofi, Inc.*

6294 Clopidogrel Hydrogen Sulfate

135046-48-9 2457



Methyl (+)-(S)-α-(o-chlorophenyl)-6,7-dihydrothieno[3,2-c]pyridine-5(4H)-acetate sulfate (1:1).

SR-25990C; Plavix. Platelet inhibitor and antithrombotic. mp = 184°; [α]_D²⁰ = 55.10° (c = 1.891 MeOH). *Sanofi, Inc.*

6295 Cloricromen

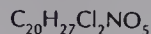
68206-94-0 2467



Ethyl [[8-chloro-3-[2-(diethylamino)ethyl]-4-methyl-2-oxo-2H-1-benzopyran-7-yl]oxy]acetate.

AD₆. Vasodilator and antithrombotic. mp = 147-148°. *Fidia Pharmaceuticals*.**6296 Cloricromen Hydrochloride**

74697-28-2 2467



Ethyl [[8-chloro-3-[2-(diethylamino)ethyl]-4-methyl-2-oxo-2H-1-benzopyran-7-yl]oxy]acetate hydrochloride.

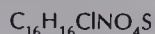
Cromocap; Proendotel. Vasodilator and antithrombotic. mp = 219-220°. *Fidia Pharmaceuticals*.**6297 Dalteparin Sodium**

9041-08-1 2870

Sodium salt of heparin depolymerized by nitrous acid degradation.

Antithrombotic. *Kabi*.**6298 Daltroban**

79094-20-5 2871



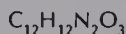
[p-[2-(p-Chlorobenzenesulfonamido)ethyl]phenyl]acetic acid.

SK&F-91648; BM-13.505. Antithrombotic and immunosuppressant. *Boehringer Mannheim GmbH; SmithKline Beecham Pharmaceuticals*.**6299 Danaparoid Sodium**

Mixture of sodium salts of heparin sulfate and chondroitin sulfate.

ORG-10172. Antithrombotic. *Diosynth. B.V.***6300 Dazoxiben**

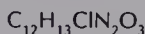
78218-09-4



p-(2-Imidazol-1-ylethoxy)benzoic acid.

Antithrombotic. *Pfizer International*.**6301 Dazoxiben Hydrochloride**

74226-22-5



p-(2-Imidazol-1-ylethoxy)benzoic acid hydrochloride.

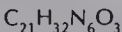
UK-37248-01. Antithrombotic. *Pfizer International*.**6302 Defibrotide**

83712-60-1 2915

Polydeoxyribonucleotides from bovine lung; molecular weight between 15000 and 30000.

Fraction P; defibrinotide; Dasovas; Noravid; Prociclide. Antithrombotic. *Crinos*.**6303 Efegatran**

105806-65-3



N-Methyl-D-phenylalanyl-N-[(1S)-1-formyl-4-guanidinobutyl]-L-prolinamide.

LY-294468. Antithrombotic. *Eli Lilly & Co.***6304 Efegatran Sulfate**

126721-07-1



N-Methyl-D-phenylalanyl-N-[(1S)-1-formyl-4-

guanidinobutyl]-L-prolinamide sulfate (1:1).

LY-294468 sulfate. Antithrombotic. *Eli Lilly & Co.***6305 Enoxaparin Sodium**

9041-08-1 3626

Sodium salt of depolymerized heparin; molecular weight between 3500 and 5500.

Clexane; Ultraparin; Lovenox Injection; RP-54563; PK-10169. Antithrombotic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***6306 Fluretofen**

56917-29-4



4'-Ethylnyl-2-fluorobiphenyl.

compound 93819. Antithrombotic. *Eli Lilly & Co.***6307 Ifetroban Sodium**

156715-37-6



Sodium o-[[[(1S,2R,3S,4R)-3-[4-(pentylocarbonyl)-2-oxazolyl]-7-oxabicyclo[2.2.1]hept-2-yl]methyl]-hydrocinnamate.

BMS-180291-02. Antithrombotic. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.***6308 Iliparcil**

137214-72-3



4-Ethyl-7-[(5-thio-β-D-xylopyranosyl)oxy]coumarin.

Antithrombotic.

6309 Iloprost

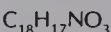
78919-13-8 4940

(E)-(3aS,4R,5R,6aS)-Hexahydro-5-hydroxy-4-[(E)-(3S,4RS)-3-hydroxy-4-methyl-1-octen-6-ynyl]-Δ^{2(1H),8}-pentalenevaleric acid.ciloprost; ZK-36374; [tromethamine salt (C₂₆H₄₃NO₇)]: Endoprost; Ilomedin. Antithrombotic and peripheral vasodilator. Colorless oil. *Schering AG*.**6310 Indobufen**

63610-08-2

4991

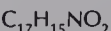
264-364-4



(±)-2-[p-(1-Oxo-2-isoindoliny)phenyl]butyric acid.

K-2930; Ibustrin. Antithrombotic. mp = 182-184°. *Ciba plc*.**6311 Inicarone**

39178-37-5



2-Isopropyl-3-benzofuranyl 4-pyridyl ketone.

Antithrombotic.

6312 Inogatran

155415-08-0



N-[(1R)-2-Cyclohexyl-1-[(2S)-2-[(3-guanidinopropyl)-carbonyl]piperidino]carbonyl]ethylglycine.

Thrombin inhibitor. Antithrombotic.

6313 Integrelin

157630-07-4

5013

A synthetic, disulfide linked heptapeptide based on barbourin, isolated from the venom of the southeastern

pigmy rattlesnake.

A fibrinogen receptor antagonist used as an antithrombotic.

6314 Isbogrel

89667-40-3 5120

$C_{18}H_{19}NO_2$

(E)-7-Phenyl-7-(3-pyridyl)-6-heptenoic acid.

CV-4151. Antithrombotic. mp = 114-115°. *Takeda*.

6315 Israpafant

117279-73-9

$C_{28}H_{29}ClN_4S$

(±)-4-(o-Chlorophenyl)-2-(p-isobutylphenethyl)-6,9-dimethyl-6,6H-thieno[3,2-f]-s-triazolo[4,3-a][1,4]diazepine. Antithrombotic. Platelet-activating factor (PAF) antagonist.

6316 Lamifiban

144412-49-7 5362

$C_{24}H_{28}N_4O_6$

[[1-[N-(p-Amidinobenzoyl)-L-tyrosyl]-4-piperidyl]oxy]-acetic acid.

Ro-44-9883/000. Antithrombotic. mp > 200° (dec); $[\alpha]_D^{20}$ = 29.8° (c = 0.86 1N HCl). *Hoffmann-LaRoche Inc.*

6317 Lamifiban Trifluoroacetate Salt

144412-50-0 5362

$C_{26}H_{27}F_3N_4O_7$

[[1-[N-(p-Amidinobenzoyl)-L-tyrosyl]-4-piperidyl]oxy]-acetic acid trifluoroacetate salt.

Antithrombotic. mp = 125-130° (dec) LD₅₀ (mus iv) = 250 mg/kg. *Hoffmann-LaRoche Inc.*

6318 Lamoparan

5366

Low molecular weight heparinoid derived from porcine intestinal mucosa; mean molecular weight is 6500.

Org-10172. Antithrombotic. $[\alpha]_D^{20}$ = 30° to 70°.

6319 Lefradafiban

149503-79-7

$C_{23}H_{25}N_3O_6$

(3S,5S)-5-[[[4'-(Carboxyamidino)-4-biphenyl]oxy]-methyl]-2-oxo-3-pyrrolidineacetic acid dimethyl ester.

Prodrug of fradafiban, a nonpeptide platelet glycoprotein IIb/IIIa antagonist.

6320 Lepirudin

138068-37-8

$C_{287}H_{440}N_{80}O_{111}S_6$

1-L-Leucine-2-L-threonine-63-desulfohirudin. recombinant hirudin; r-hirudin; HBW-023; Leu-Thr-Tyr-Thr-Asp-Cys(6)-Thr-Glu-Ser-Gly-Asn-Leu-Cys(14)-Leu-Cys(16)-Glu-Gly-Ser-Asn-Val-Cys(22)-Gly-Gln-Gly-Asn-Lys-Cys(28)-Ile-Leu-Gly-Ser-Asp-Gly-Glu-Lys-Asn-Gln-Cys(39)-Val-Thr-Gly-Glu-Glu-Thr-Pro-Lys-Pro-Gln-Ser-His-Asn-Asp-Gly-Asp-Phe-Glu-Glu-Ile-Pro-Glu-Glu-Tyr-Leu-Gln [(6→14),(16→28),(22→39) cyclic disulfide. Recombinant hirudin. Produces parenteral anticoagulation for treatment of heparin-induced thrombocytopenia. Antithrombotic; anticoagulant.

6321 Linotroban

120824-08-0

$C_{14}H_{15}NO_5S_2$

5-[2-(Phenylsulfonlamino)ethyl]-thienyloxy-acetic acid.

HN-11500. Thromboxane A₂ receptor antagonist. Antithrombotic.

6322 Melagatran

159776-70-2

$C_{22}H_{31}N_5O_4$

N-[(R)-[[(2S)-2-[(p-Amidinobenzyl)carbamoyl]-1-azetidiny]carbonyl]cyclohexylmethyl]glycine.

A synthetic, low molecular-weight thrombin inhibitor. Antithrombotic.

6323 Modipafant

122957-06-6

$C_{34}H_{29}ClN_6O_3$

(+)-(R)-4-(o-Chlorophenyl)-1,4-dihydro-6-methyl-2-[p-(2-methyl-1H-imidazo[4,5-c]pyridin-1-yl)phenyl]-5-(2-pyridylcarbamoyl)nicotinate.

UK-80067. Platelet-activating factor (PAF) antagonist. Antithrombotic.

6324 Nadroparin Calcium

6434

Calcium salt of heparin depolymerized by nitrous acid degradation; molecular weight between 4000 and 5000. CY-16. Antithrombotic.

6325 Nafazatrom

59040-30-1

261-571-1

$C_{16}H_{16}N_2O_2$

3-Methyl-1-[2-(2-naphthyl)oxy]ethyl]-2-pyrazolin-5-one.

Bay g 6575. Synthetic pyrazolinone derivative. Leukotriene synthesis inhibitor; lipoxygenase inhibitor. Antimetastatic; antithrombotic.

6326 Napsagatran

159668-20-9

$C_{26}H_{34}N_6O_6S.H_2O$

N-[N'-[[[(3S-1-Amidino-3-piperidyl)methyl]-n²-(2-naphthylsulfonyl)-L-asparaginy]l]-N-cyclopropylglycine monohydrate.

Ro-46-6240/010. Antithrombotic. *Hoffmann-LaRoche Inc.*

6327 Naroparcil

120819-70-7

$C_{19}H_{17}NO_4S_2$

p-[p-[(5-Thio-β-D-xylopyranosyl)thio]benzoyl]-benzonitrile.

A β-D-Xyloside analog. Antithrombotic.

6328 Nictindole

36504-64-0

253-070-1

$C_{17}H_{16}N_2O_3$

[2-(1-Methylethyl)-1H-indol-3-yl]-3-pyridinylmethanone. L-8027. Thromboxane inhibitor. Antithrombotic.

6329 Orbofiban Acetate

165800-05-5

$C_{17}H_{23}N_5O_4.0.25H_2O$

N-[[[(3S)-1-(p-Amidinophenyl)-2-oxo-3-pyrrolidinyl]-carbamoyl]-β-alanine ethyl ester monoacetate quadrantihydrate.

SC-57099B. Antithrombotic and platelet aggregation inhibitor. *Searle, G.D., & Co.*

6330 Ozagrel

82571-53-7

7115

 $C_{13}H_{12}N_2O_2$

(E)-p-(Imidazol-1-ylmethyl)cinnamic acid.

OKY-046; [ozagrel sodium ($C_{13}H_{11}N_2NaO_2$)]: Cataclot; Xanbon. Antithrombotic. mp = 223-224°; [ozagrel sodium]: LD₅₀ (mmus iv) = 1940 mg/kg, (mmus orl) = 3800 mg/kg, (mmus sc) = 2450 mg/kg, (fmus iv) = 1580 mg/kg, (fmus orl) = 3600 mg/kg, (fmus sc) = 2100 mg/kg, (mrat iv) = 1150 mg/kg, (mrat orl) = 5900 mg/kg, (mrat sc) = 2300 mg/kg, (frat iv) = 1300 mg/kg, (frat orl) = 5700 mg/kg, (frat sc) = 2250 mg/kg. *Kissei; Ono Pharmaceutical Co., Ltd.*

6331 Ozagrel Hydrochloride

78712-43-3

7115

 $C_{13}H_{13}ClN_2O_2$

(E)-p-(Imidazol-1-ylmethyl)cinnamic acid hydrochloride.

Antithrombotic. mp = 214-217°. *Kissei; Ono Pharmaceutical Co., Ltd.*

6332 Picotamide

32828-81-2

7560

251-245-7

 $C_{21}H_{20}N_4O_3$

4-Methoxy-N,N'-bis(3-pyridinylmethyl)-1,3-benzene-dicarboxamide.

G-137. Antithrombotic, fibrinolytic and anticoagulant. mp = 124°; LD₅₀ (mus ip) = 1205 mg/kg. *Soc. Italo-Brit. L. Manetti-H. Roberts.*

6333 Picotamide Hydrate

80530-63-8

7560

 $C_{21}H_{20}N_4O_3 \cdot H_2O$

4-Methoxy-N,N'-bis(3-pyridinylmethyl)-1,3-benzene-dicarboxamide monohydrate.

Plactidil. Antithrombotic. *Soc. Italo-Brit. L. Manetti-H. Roberts.*

6334 Plafibride

63394-05-8

7673

264-121-2

 $C_{16}H_{22}ClN_3O_4$

1-[2-(p-Chlorophenoxy)-2-methylpropionyl]-3-(morpholinomethyl)urea.

ITA-104; Idonor; Perifunal. Antithrombotic. mp = 100-102°; soluble in Me₂CO; slightly soluble in EtOH; insoluble in H₂O, petroleum ether; LD₅₀ (mus orl) = 3569 mg/kg, (rat orl) > 4000 mg/kg, (gpg orl) = 2168 mg/kg. *Investigacion Tecnica y Aplicada.*

6335 Ramatroban

116649-85-5

 $C_{21}H_{21}FN_2O_4S$

(3R)-3-(4-Fluorophenylsulfonamido)-1,2,3,4-tetrahydro-9-carbazo lepropanoic acid.

BAY-u3405. A thromboxane A₂ receptor antagonist. Antithrombotic antiasthmatic. *Bayer AG.*

6336 Reviparin Sodium

8336

Sodium salt of heparin depolymerized by nitrous acid degradation; molecular weight between 2000 and 8000. Antithrombotic.

6337 Ridogrel

110140-89-1

8379

 $C_{18}H_{17}F_3N_2O_3$

(E)-5-[[[α-3-Pyridyl-m-(trifluoromethyl)benzylidene]-amino]oxy]valeric acid.

R-68070. Thromboxane synthetase inhibitor. Used as an antithrombotic. mp = 70.3°. *Janssen Pharmaceutical Inc.*

6338 Rolafagrel

89781-55-5

 $C_{14}H_{12}N_2O_2$

5,6-Dihydro-7-imidazol-1-yl-naphthoic acid.

FCE-22178. Thromboxane inhibitor. Used in amelioration of progressive kidney disease. Antithrombotic.

6339 Roxifiban Acetate

176022-59-6

 $C_{23}H_{33}N_5O_8$

(2S)-3-[2-[(5R)-3-(p-Amidinophenyl)-2-isoxazolin-5-yl]acetamido]-2-(carboxyamino)propionic acid 2-butyl-methyl ester monoacetate.

DMP-754. Fibrinogen receptor antagonist; used as an antithrombotic. *DuPont Merck Pharmaceutical Co.*

6340 Rupatadine

158876-82-5

 $C_{26}H_{26}ClN_3$

8-Chloro-6,11-dihydro-11-[1-[(5-methyl-3-pyridinyl)-methyl]-4-piperidinylidene]-5H-benzo[5,6]-cyclohepta[1,2b]pyridine.

UR-12592. Orally active dual antagonist of histamine and platelet-activating factor.

6341 Sarpogrelate

125926-17-2

 $C_{24}H_{31}NO_6$

(±)-2-(Dimethylamino)-1-[[o-(m-methoxyphenethyl)-phenoxy]ethyl hydrogen succinate.

MCI-9042 [as hydrochloride]; Anplag [as hydrochloride]. A serotonin 2A (5-HT_{2A}) receptor antagonist. Antiplatelet agent. Antithrombotic.

6342 Satigrel

111753-73-2

 $C_{20}H_{19}NO_4$

4-Cyano-5,5-bis(p-methoxyphenyl)-4-pentenoic acid.

E-5510. Antiplatelet aggregation agent. Antithrombotic.

6343 Sibrafiban

172927-65-0

 $C_{20}H_{28}N_4O_6$

Ethyl (Z)-[[1-N-[(p-hydroxyamidino)benzoyl]-L-alanyl]-4-piperidyl]oxy]acetate.

Ro-48-3657/001. Fibrinogen receptor antagonist and platelet aggregation inhibitor; used as an antithrombotic. *Hoffmann-LaRoche Inc.*

6344 Sulfinpyrazone

57-96-5

9121

200-357-4

 $C_{23}H_{20}N_2O_3S$

1,2-Diphenyl-4-[2-phenylsulfinyl]ethyl]-3,5-pyrazolidinedione.

Anturane; G-28315; Anturane; Anturano; Enturen.

Antithrombotic and uricosuric. mp = 136-137°; λ_m = 255 nm (1N NaOH); soluble in EtOAc, CHCl₃; slightly soluble in H₂O, EtOH, Et₂O, mineral oils; [d-form]: mp = 130-133°; [α]_D²⁵ = 67.1° (c = 2.04 EtOH), [α]_D²⁵ = 109.3 (c = 0.5

CHCl_3); [l-form]: mp = 130-133°; $[\alpha]_D^{23} = -64.2^\circ$ (c = 2.14 EtOH), $[\alpha]_D^{26} = -104.5^\circ$ (c = 0.5 CHCl_3). *Ciba-Geigy Corp.*

6345 Sulodexide

57821-29-1

Glucorono-2-amino-2-deoxyglucoglycan sulfate.

3GS. A glycosaminoglycan. A highly purified preparation containing a fast-moving heparin fraction as well as dermatansulfate. Used in treatment of peripheral arterial disease, cardiovascular events, postphlebotic syndrome and albuminuria in nephropathy. Antithrombotic; profibrinolytic.

6346 Taprostene

108945-35-3

9227

 $\text{C}_{24}\text{H}_{30}\text{O}_5$

α -[(2Z,3aR,4R,5R,6aS)-4-[(1E,3S)-3-Cyclohexyl-3-hydroxypropenyl]hexahydro-5-hydroxy-2H-cyclopenta[b]furan-2-ylidene]-m-toluic acid.

Antithrombotic. *Grünenthal*.

6347 Taprostene Sodium Salt

87440-45-7

9227

 $\text{C}_{24}\text{H}_{29}\text{NaO}_5$

α -[(2Z,3aR,4R,5R,6aS)-4-[(1E,3S)-3-Cyclohexyl-3-hydroxypropenyl]hexahydro-5-hydroxy-2H-cyclopenta[b]furan-2-ylidene]-m-toluic acid sodium salt.

CG-4203; Rheocyclan. Antithrombotic. $[\alpha]_D^{22} = 249^\circ$ (c = 0.68 MeOH); LD_{50} (mus iv) = 164 mg/kg, (rat iv) = 20 mg/kg. *Grünenthal*.

6348 Teopranitol

81792-35-0

 $\text{C}_{16}\text{H}_{22}\text{N}_6\text{O}_7$

1,4:3,6-Dianhydro-2-deoxy-2-[[3-(1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxapurin-7-yl)propyl]amino]-L-iditol 5-nitrate.

An organic nitrate that stimulates the release of a prostacyclin (PGI₂)-like antiplatelet activity. Shows vasodilating and antiplatelet activity.

6349 Terbogrel

149979-74-8

 $\text{C}_{23}\text{H}_{27}\text{N}_5\text{O}_2$

(5E)-6-[m-(3-tert-Butyl-2-cyanoguanidino)phenyl]-6-(3-pyridyl)-5-hexenoic acid.

Omega-disubstituted alkenoic acid derivative derived from samixogrel. Combined thromboxane A₂ receptor antagonist-thromboxane A₂ synthase inhibitor. Antithrombotic.

6350 Ticlopidine

55142-85-3

9569

259-498-5

 $\text{C}_{14}\text{H}_{14}\text{ClNS}$

5-(o-Chlorobenzyl)-4,5,6,7-tetrahydrothieno-[3,2-c]-pyridine.

Platelet aggregation inhibitor; used as antithrombotic. *Sanofi, Inc.*

6351 Ticlopidine Hydrochloride

53885-35-1

9569

258-837-4

 $\text{C}_{14}\text{H}_{15}\text{Cl}_2\text{NS}$

5-(o-Chlorobenzyl)-4,5,6,7-tetrahydrothieno-[3,2-c]pyridine hydrochloride.

Anagrelal; Caudaline; Panaldine; Ticlid; Ticlodox; Ticlodone; Ticlosin; Tiklid; 53-32C; 4-C-32. Platelet

aggregation inhibitor; used as antithrombotic. mp = 190°; $\lambda_m = 214, 268, 295 \text{ nm}$ ($A_{1\text{cm}}^{1\%} = 303.8, 1.314, 2 \text{ H}_2\text{O}$); soluble in H_2O , EtOH, MeOH, CHCl_3 ; insoluble in Et_2O ; LD_{50} (mus iv) = 55 mg/kg, (mus orl) > 300 mg/kg. *Sanofi, Inc.; C.M. Industries*.

6352 Tinzaparin Sodium

9592

Sodium salt of heparin depolymerized by heparinase degradation; molecular weight between 1500 and 10000. Antithrombotic. *Novo Nordisk Pharmaceuticals Inc.; Leo AB*.

6353 Tioxaprofen

40198-53-6

254-834-7

 $\text{C}_{18}\text{H}_{13}\text{Cl}_2\text{NO}_3\text{S}$

2-[[4,5-Bis-(p-chlorophenyl)-2-oxazolyl]thio]propionic acid.

EMD-26644. Anti-inflammatory; antithrombotic; antimycotic.

6354 Tirofiban

144494-65-5

9605

 $\text{C}_{22}\text{H}_{36}\text{N}_2\text{O}_5\text{S}$

N-(Butylsulfonyl)-4-[4-(4-piperidyl)butoxy]-L-phenylalanine.

Used as an antithrombotic and for treatment of unstable angina. mp = 223-225°. *Merck & Co., Inc.*

6355 Tirofiban Hydrochloride

53567-47-8

9605

 $\text{C}_{22}\text{H}_{37}\text{ClN}_2\text{O}_5\text{S} \cdot \text{H}_2\text{O}$

N-(Butylsulfonyl)-4-[4-(4-piperidyl)butoxy]-L-phenylalanine hydrochloride.

Aggrastat; MK-383; L-700462. Used as an antithrombotic and for treatment of unstable angina. *Merck & Co., Inc.*

6356 Tirofiban Hydrochloride Monohydrate

150915-40-5

9605

 $\text{C}_{22}\text{H}_{37}\text{ClN}_2\text{O}_5\text{S} \cdot \text{H}_2\text{O}$

N-(Butylsulfonyl)-4-[4-(4-piperidyl)butoxy]-L-phenylalanine hydrochloride monohydrate.

MK-383; Aggrastat. Antithrombotic. mp = 130-132°; $[\alpha]_D^{25} = -14.4^\circ$ (c = 0.92 MeOH). *Merck & Co., Inc.*

6357 Trequinsin

79855-88-2

 $\text{C}_{24}\text{H}_{27}\text{N}_3\text{O}_3$

2,3,6,7-Tetrahydro-2-(mesitylimino)-9,10-dimethoxy-3-methyl-4H-pyrimido[6,1-a]isoquinoline-4-one.

HL-725 [as hydrochloride]. Selective phosphodiesterase 3 inhibitor. Antihypertensive vasodilator; antithrombotic.

6358 Tretoquinol

30418-38-3

9719

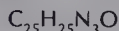
 $\text{C}_{19}\text{H}_{23}\text{NO}_5$

(±)-1,2,3,4-Tetrahydro-1-(3,4,5-trimethoxybenzyl)-6,7-isoquinolinediol.

trimethoquinol; trimetoquinol; AQ-110 [as l-form hydrochloride]; Inolin [as l-form hydrochloride]; Vems [as l-form hydrochloride]. A catecholamine. A highly potent beta 2-adrenoceptor and site-selective thromboxane A₂/prostaglandin H₂ receptor ligand. l-Form hydrochloride acts as a bronchodilator. Dec 224.5-226°.

6359 Trifenagrel

84203-09-8



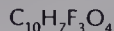
2-[o-[2-(Dimethylamino)ethoxy]phenyl]-4,5-diphenylimidazole.

BW-325U. Antithrombotic. *Glaxo Wellcome Inc.***6360 Triflusal**

322-79-2

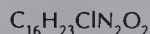
9817

206-297-5

 α,α,α -Trifluoro-2,4-cresotic acid acetate.UR-1501; Disgren. Inhibitor of platelet aggregation, used as an antithrombotic. mp = 110-112°, 120-122°; soluble in EtOH, insoluble in H₂O; LD₅₀ (mus orl) = 437 mg/kg, (mus ip) = 380 mg/kg, (rat orl) = 402 mg/kg, (ra ip) = 217 mg/kg. *Uriach*.**Antitussives****6361 Alloclamide**

5486-77-1

263

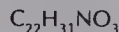


2-(Allyloxy)-4-chloro-n-[2-diethylamino-ethyl]-benzamide.

component of: Dégryp [as hydrochloride]. Antitussive; antihistaminic. [hydrochloride]: mp = 155-156°; soluble in absolute EtOH; LD₅₀ (mus orl) = 740 mg/kg. *C.E.R.M.***6362 Amicibone**

23271-63-8

416



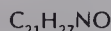
Benzyl-1-[2-(hexahydro-1H-azepin-1-yl)ethyl]-2-oxocyclohexanecarboxylate.

Biotussial; Pectipront. Antitussive.

6363 Benproperine

2156-27-6

1078



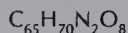
1-[2-(2-Benzylphenoxy)-1-methylethyl]piperidine.

Antitussive. Liquid; bp_{0.2} = 159-161°. *California Research Co.***6364 Benproperine Pamoate**

64238-92-2

1078

264-745-5



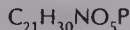
1-[2-(2-Benzylphenoxy)-1-methylethyl]piperidinium 3,3'-dihydroxy-4,4'-methylenedi-2-naphthoate.

benproperine emboate; benzproperine amboate; Tussafug. Antitussive. *California Research Co.***6365 Benproperine Phosphate**

19428-14-9

1078

243-050-0



1-[2-(2-Benzylphenoxy)-1-methylethyl]piperidine trihydrogen phosphate.

ASA-158/5; Blascorid; Pirexyl. Antitussive. mp = 150-152°; LD₅₀ (mus ip) = 192 mg/kg; (mus orl) = 1365 mg/kg. *California Research Co.***6366 Benzonatate**

104-31-4

1127

203-194-7

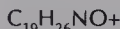


2,5,8,11,14,17,20,23,26-Nonaoxactacosan-28-yl

p-(butylamino)benzoate.

benzononatine; Exangit; Tessalon; Ventussin. Antitussive. Oil; soluble in most organic solvents; insoluble in aliphatic hydrocarbons. *Ciba plc.***6367 Bibenzonium**

59866-76-1



[2-(1,2-Diphenylethoxy)ethyltrimethyl]ammonium. Antitussive.

6368 Bibenzonium Bromide

15585-70-3

1244

239-643-9



[2-(1,2-Diphenylethoxy)ethyltrimethyl]ammonium bromide.

ES-132; Lysobex; Lysibex; Lysbex; Medipeptol; Sedobex; Thoragol. Antitussive. mp = 144-147°; soluble in H₂O, EtOH; insoluble in other organic solvents. *Pluriquimica*.**6369 Bromoform**

75-25-2

1441

200-854-6



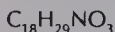
Tribromomethane.

Antitussive; sedative. Federally controlled substance. CAUTION: Dangerous substance; irritates skin, eyes, respiratory system; depresses central nervous system; causes liver damage. May be habit forming. Liquid; bp = 149-150°; mp = 7.5°; d₄¹⁵ = 2.9035; n_D¹⁵ = 1.6005; soluble in H₂O (0.125 g/100 ml); miscible with EtOH, C₆H₆, CHCl₃, Et₂O, Me₂CO, oils; incompatible with caustic alkalies; protect from light; LD₅₀ (mus sc) = 1814 mg/kg.**6370 Butamirate**

18109-80-3

1539

242-005-2



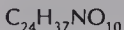
2-[2-(Diethylamino)ethoxy]ethyl 2-phenylbutyrate.

butamirate. Antitussive. Liquid; bp₁ = 140-155°; practically insoluble in H₂O; soluble in EtOH, Me₂CO, Et₂O. *Abbott Labs.; Hommel GmbH*.**6371 Butamirate Citrate**

18109-81-4

1539

242-006-8



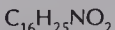
2-[2-(Diethylamino)ethoxy]ethyl 2-phenylbutyrate citrate (1:1).

Abbott-36581; HH-197; Acodeen; Panatus; Sincodix; Sinecond. Antitussive. mp = 75°. *Abbott Labs.; Hommel GmbH*.**6372 Butetamate**

14007-64-8

1551

237-817-9

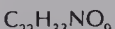


2-(Diethylamino)ethyl 2-phenylbutyrate.

butetamate; HH-105. Antitussive. bp₁₁ = 167-169°; n_D²⁰ = 1.4909. *Hommel GmbH*.**6373 Butetamate Citrate**

3639-12-1

1551



2-(Diethylamino)ethyl 2-phenylbutyrate citrate (1:1).

Abuphenine; Convenil; Hicoseen; Phenesis; Phenetin. Antitussive. mp = 109-110°; soluble in EtOH. *Hommel*

GmbH.

6374 Camenthol

Mixture of camphor and menthol.

A mixture of camphor and menthol for inhalation. See camphor, menthol.

6375 Caramiphen

77-22-5 1820 201-013-6

 $C_{18}H_{27}NO_2$

2-Dimethylaminoethyl 1-phenylcyclopentane-1-carboxylate.

Anticholinergic. $bp_{0.07} = 112-115^\circ$. *Ciba-Geigy Corp.***6376 Caramiphen Ethanedisulfonate**

1820 204-759-0

 $C_{38}H_{60}NO_{10}S_2$

2-Dimethylaminoethyl 1-phenylcyclopentane-1-carboxylate ethanedisulfonate (2:1).

caramiphen edisilate; Alcopon; Taoryl; Toryn; component of: Tuss-Ornade (with phenylpropanolamine hydrochloride). Antitussive. $mp = 115-116^\circ$; soluble in H_2O , EtOH, pharmaceutical syrups. *Ciba-Geigy Corp.***6377 Caramiphen Hydrochloride**

125-85-9 1820 204-758-5

 $C_{18}H_{28}ClNO_2$

2-Dimethylaminoethyl 1-phenylcyclopentane-1-carboxylate hydrochloride.

Panparnit; Parpanit. Anticholinergic; antitussive. $mp = 145-146^\circ$; soluble in EtOH; less soluble in H_2O ; LD_{50} (rat ip) = 209 mg/kg. *Ciba-Geigy Corp.***6378 Carbetapentane**

77-23-6 1840

 $C_{20}H_{31}NO_3$

2-[2-(Dimethylamino)ethoxy]ethyl 1-phenylcyclopentane-carboxylate.

pentoxyverine; pentoxiverine; Atussil. Antitussive. $bp_{0.01} = 165-170^\circ$. *Pfizer Inc.***6379 Carbetapentane Citrate**

23142-01-0 1840

 $C_{26}H_{39}NO_{10}$

2-[2-(Dimethylamino)ethoxy]ethyl 1-phenylcyclopentane-carboxylate citrate (1:1).

UCB-2543; Antees; Calnathal; Carbetane; Cossym; Fustpentane; Germapect; Pencal; Sedotussin; Toclaste; Tosnore; Tuclase. Antitussive. $mp = 93^\circ$; soluble in H_2O , $CHCl_3$, EtOH, Me_2CO , EtOAc; practically insoluble in Et_2O , petroleum ether; C_6H_6 . *Pfizer Inc.***6380 Chlophedianol**

791-35-5 2106 212-340-9

 $C_{17}H_{20}ClNO$ 2-Chloro- α -[2-(dimethylamino)-ethyl]benzhydrol.clofedanol; Tussistop. Antitussive. $mp = 120^\circ$; LD_{50} (mus iv) = 70 mg/kg. *Bayer AG.***6381 Chlophedianol Hydrochloride**

511-13-7 2106 208-124-9

 $C_{17}H_{21}Cl_2NO$ 2-Chloro- α -[2-(dimethylamino)-ethyl]benzhydrol hydrochloride.clofedanol hydrochloride; SL-501; Coldrin; Pectolitan; Refugal; Ulone; Ulo. Antitussive. $mp = 190-191^\circ$; soluble in H_2O ; EtOH; sparingly soluble in Et_2O , C_6H_6 , EtOAc; LD_{50} (rat orl) = 350 mg/kg, (mus sc) = 95 mg/kg. *3M Pharmaceuticals; Bayer AG.***6382 Clobutanol**

14860-49-2 2425 238-926-4

 $C_{14}H_{22}ClNO$ p-Chloro- α -[2-(dimethylamino)-1-methylethyl]- α -methylphenyl alcohol.Antitussive. $bp_{12} = 179-180^\circ$. *Thomae.***6383 Clobutanol Hydrochloride**

1215-83-4 2425 214-931-7

 $C_{14}H_{23}Cl_2NO$ p-Chloro- α -[2-(dimethylamino)-1-methylethyl]- α -methylphenyl alcohol hydrochloride.KAT-256; Biotertussin; Silomat. Antitussive. $mp = 169-170^\circ$; soluble in H_2O ; LD_{50} (mus orl) = 600 mg/kg, (mus ip) = 130 mg/kg. *Thomae.***6384 Cloperastine**

3703-76-2 2456 223-042-3

 $C_{20}H_{24}ClNO$ 1-[2-[(p-Chloro- α -phenylbenzyl)oxy]ethyl]piperidine.Antitussive. $bp_{0.06} = 172-174^\circ$; $bp_{0.15} = 178-179^\circ$. *Yoshitomi.***6385 Cloperastine Hydrochloride**

14984-68-0 2456 239-067-8

 $C_{20}H_{25}Cl_2NO$ 1-[2-[(p-Chloro- α -phenylbenzyl)oxy]ethyl]piperidine hydrochloride.Hustazol; Nitossil; Novotusil; Seki. Antitussive. $mp = 147.9^\circ$. *Yoshitomi.***6386 Codeine N-Oxide**

3688-65-1 2527 222-988-4

 $C_{18}H_{21}NO_4$ 7,8-Didehydro-4,5 α -epoxy-3-methoxy-17-methyl morphinan-6 α -ol 17-oxide.Gencodeine; genkodein; Codeigene. Antitussive. Federally controlled substance (opium derivative). $mp = 231-232^\circ$.**6387 Codeine Polystyrene**Sulfonated styrene-divinylbenzene copolymer complex with 7,8-didehydro-4,5 α -epoxy-3-methoxy-17-methyl morphinan-6 α -ol.
component of: Penntuss. Antitussive. *Fisons Corp.***6388 Codoxime**

7125-76-0 230-425-9

 $C_{20}H_{24}N_2O_5$ [(4,5 α -Epoxy-3-methoxy-17-methylmorphinan-6-ylidene)amino]oxyacetic acid.Antitussive. *Marion Merrell Dow Inc.***6389 Cyclexanone**

15301-52-7 2775

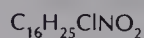
 $C_{16}H_{25}NO_2$

2-(Cyclopent-1-enyl)-2-(2-morpholininoethyl)-cyclopentanone.

pentethylcyclanone. Antitussive. $bp_{0.035} = 112^\circ$. *Ciba plc.*

6390 Cyclexanone Hydrochloride

2775



2-(Cyclopent-1-enyl)-2-(2-morpholinioethyl)cyclopentanone hydrochloride.

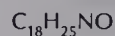
Exopan; Exopon. Antitussive. mp = 209° . *Ciba plc.*

6391 Dextromethorphan

125-71-3

8274

204-752-2



3-Methoxy-17-methyl-9 α ,13 α -morphinan.

racemethorphan [as d-form]. Antitussive. Federally controlled substance. See racemethorphan. *Hoffmann-LaRoche Inc.*

6392 Dextromethorphan Hydrobromide

6700-34-1

8274



3-Methoxy-17-methyl-9 α ,13 α -morphinan hydrobromide monohydrate.

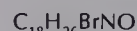
Ro-1-5470/5, demorphan hydrobromide; Benlyn DM; Canfodion; Cosylan; Hihustan M; Methorate; PediaCare 1; Romilar; St Joseph Syrup; component of: Ceroxe-DM, Chloraseptic DM, Contac Cough Formula, Contac Cough & Sore Throat Formula, Contac Jr Non-drowsy Formula, Contac Nighttime Cold Medicine, Contac Severe Cold Formula, Coricidin, Dimacol, Endotussin-NN, Endotussin-NN Pediatric, Nalde. Antitussive. Federally controlled substance. See racemethorphan. mp = $122-124^\circ$; $[\alpha]_D^{20} = 27.6^\circ$ (c = 1.5 H₂O); soluble in H₂O (1.5 g/100 ml), EtOH; less soluble in organic solvents. *Ciba-Geigy Corp.; Hoffmann-LaRoche Inc. McNeil Pharmaceutical; Parke-Davis; Schering-Plough HealthCare Products; Upjohn Ltd.*

6393 Dextromethorphan Hydrobromide [anhydrous]

125-69-9

8274

204-750-1



3-Methoxy-17-methyl-9 α ,13 α -morphinan hydrobromide. Ro-1-5470. Antitussive. Federally controlled substance. See racemethorphan. mp = $124-126^\circ$. *Hoffmann-LaRoche Inc.*

6394 Dextromethorphan Polistirex

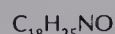
Sulfonated styrene-divinylbenzene copolymer complex with 3-methoxy-17-methyl-9 α ,13 α ,14 α -morphinan. Antitussive.

6395 Dimemorfan

36309-01-0

3251

252-963-3



(+)-3,17-Dimethylmorphinan.

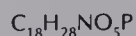
d-3-methyl-N-morphinan. Antitussive. Oil; $bp_{0.3} = 130-136^\circ$; or crystals mp = $90-93^\circ$. *Yamanouchi U.S.A. Inc.*

6396 Dimemorfan Phosphate

36304-84-4

3251

252-958-6



(+)-3,17-Dimethylmorphinan phosphate.

Astomin. Antitussive. mp = $267-269^\circ$; $[\alpha]_D^{23} = +25.7^\circ$ (c = 0.5 in MeOH); soluble in glacial acetic acid; sparingly soluble in H₂O; MeOH; practically insoluble in EtOH, Me₂CO, CHCl₃, C₆H₆, Et₂O; LD₅₀ (mus sc) = 223 mg/kg,

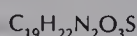
(mus orl) = 475 mg/kg. *Yamanouchi U.S.A. Inc.*

6397 Dimethoxanate

477-93-0

3272

207-520-9



2-(2-Dimethylaminoethoxy)ethyl phenothiazine-10-carboxylate.

Tussidin; Cotrane; component of: Cothera Syrup. Antitussive. *American Home Products.*

6398 Dimethoxanate Hydrochloride

518-63-8

3272

208-255-1



2-(2-Dimethylaminoethoxy)ethyl phenothiazine-10-carboxylate.

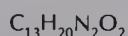
Antitussive. mp = $161-163$ (dec). *American Home Products.*

6399 Dropropizine

17692-31-8

3507

241-683-7



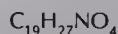
3-(4-Phenyl-1-piperazinyl)-1,2-propanediol.

UCB-1967; Ribex; levodropropizine [S-form]; Danka [S-form]; Levotuss [S-form]; Rapi-tux [S-form]. Antitussive. Cough suppressive phenylpiperazine derivative. mp = $105-108^\circ$; LD₅₀ (rat iv) = 200 mg/kg; (rat orl) = 750 mg/kg; [S-form]: mp = $98-100^\circ$; $[\alpha]_D^{25} = -10^\circ$ (c = 1.0 in EtOH); LD₅₀ (rat orl) = 886.6 mg/kg, (rat ip) = 401.3 mg/kg. *UCB.*

6400 Drotebanol

3176-03-2

3511



3,4-Dimethoxy-17-methylmorphinan-6 β ,14-diol.

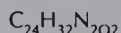
oxymetebanol; Metebanyl. Antitussive. Federally controlled substance (opium derivative). mp = $165.5-166.5^\circ$; slightly soluble in H₂O; more soluble in organic solvents; LD₅₀ (mus orl) = 1300 mg/kg, (mus sc) = 1500 mg/kg, (mus iv) = 91 mg/kg. *Sankyo.*

6401 Eprazinone

10402-90-1

3666

233-873-3



3-[4-(β -Ethoxyphenylethyl)-1-piperazinyl]-2-methylpropio-phenone.

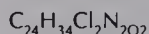
Antitussive.

6402 Eprazinone Dihydrochloride

10402-53-6

3666

233-872-8



3-[4-(β -Ethoxyphenylethyl)-1-piperazinyl]-2-methylpropio-phenone dihydrochloride.

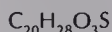
746-CE; Eftapan; Mucitux. Antitussive. mp = 201° or 160° ; LD₅₀ (mus orl) = 729 mg/kg, (mus iv) = 38 mg/kg.

6403 Ethyl Dibunate

5560-69-0

3834

226-931-4



Ethyl 3,6-di-tert-butyl-naphthalenesulfonate.

dibunate ethyl; NDR-304; Neodyne. Antitussive. mp = $138-139^\circ$. *Marion Merrell Dow Inc.*

6404 Eucalyptol

470-82-6

3940

207-431-5



1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane.

1,8-epoxy-p-menthane; cineole; cajeputol. Pharmaceutic aid (flavor). Chief constituent of oil of eucalyptus. bp = 176-177°; mp = 1.5°; n_D^{20} = 1.455-1.460; insoluble in H₂O; miscible with EtOH, CHCl₃, Et₂O, AcOH, oils.

6405 Fominoben

18053-31-1 4258 241-964-4
 C₂₁H₂₄ClN₃O₃
 3'-Chloro- α -[methyl(morpholinocarbonyl)methyl]amino]-o-benzotoluidide.
 Antitussive. mp = 122.5-123°. *Boehringer Ingelheim Ltd.; Thomae.*

6406 Fominoben Hydrochloride

24600-36-0 4258 246-344-7
 C₂₁H₂₅Cl₂N₃O₃
 3'-Chloro- α -[methyl(morpholinocarbonyl)methyl]amino]-o-benzotoluidide hydrochloride.
 PB-89; Finaten; Noleptan; Oleptan; Terion; Tussirama. Antitussive. mp = 206-208° (dec); soluble in H₂O (0.1 mg/100 ml); LD₅₀ (mus ip) = 630 mg/kg, (rat ip) = 1201 mg/kg, (mus orl) = 2200 mg/kg, (rat orl) = 1250 mg/kg. *Boehringer Ingelheim Ltd.; Thomae.*

6407 Guaiapate

852-42-6 4580 212-713-6
 C₁₈H₂₉NO₄
 1-[2-[2-[2-(o-methoxyphenoxy)ethoxy]ethoxy]ethyl]piperidine.
 MG-5454; Klamar. Antitussive. Basic ether derivative of guaiacol Liquid; bp_{0.5} = 190-193°; LD₅₀ (mus ip) = 82 mg/kg. *Maggioni Farmaceutici S.p.A.*

6408 Heptabarbital

509-86-4 4689 208-107-6
 C₁₃H₁₈N₂O₃
 5-(Cyclohepten-1-yl)-5-ethylbarbituric acid.
 heptabarb; heptabarbitalone; Heptadorm; Medomin. Sedative, hypnotic. Federally controlled substance (depressant). CAUTION: may be habit forming. mp = 174°; λ_m = 218.5, 254 nm (0.2N NaOH); poorly soluble in H₂O, more soluble in organic solvents. *Ciba-Geigy Corp.*

6409 Hydrocodone Polystyrene

Sulfonated styrene-divinylbenzene copolymer complex with 4,5 α -epoxy-3-methoxy-17-methyl morphinan-6-one. component of: Tussionex. Antitussive. *Fisons Corp.*

6410 Isoaminile

77-51-0 5124 201-033-5
 C₁₆H₂₄N₂
 4-Dimethylamino-2-isopropyl-2-phenylvaleronitrile.
 Aprecon; Dimyrl; Nullatuss. Antitussive. Liquid; bp₃ = 138-146°. *Kali-Chemie.*

6411 Isoaminile Citrate

28416-66-2 5124 249-011-4
 C₂₂H₃₂N₂O₇
 4-Dimethylamino-2-isopropyl-2-phenylvaleronitrile citrate.
 Perocan. Antitussive. mp = 63-64°. *Kali-Chemie.*

6412 Isoaminile Cyclamate

10075-36-2 5124 233-207-1
 C₄₂H₃₇N₃O₃S
 4-Dimethylamino-2-isopropyl-2-phenylvaleronitrile cyclamate.
 Mucalan; Peracon. Antitussive. *Kali-Chemie.*

6413 Levodropropizine

99291-25-5
 C₁₃H₂₀N₂O₂
 (-)-(S)-3-(4-Phenyl-1-piperazinyl)-1,2-propanediol.
 LVDP. S-(-)-enantiomer of dropropizine. Antitussive.

6414 Levomethorphan

125-70-2 8274 204-751-7
 C₁₈H₂₅NO
 (-)-3-Methoxy-N-methylmorphinan.
 Antitussive. Federally controlled substance (opiate). See racemethorphan. *Hoffmann-LaRoche Inc.*

6415 Levomethorphan Hydrobromide

125-68-8 8274
 C₁₈H₃₀BrNO₃
 (-)-3-Methoxy-N-methylmorphinan hydrobromide dihydrate.
 l-form of racemethorphan; Ro-1-5470/6; Ro-1-7788. Antitussive. Federally controlled substance (opiate). See racemethorphan. mp = 124-126°; $[\alpha]_D^{20}$ = -26.3°. *Hoffmann-LaRoche Inc.*

6416 Levopropoxyphene

2338-37-6 5495 2338-37-6
 C₂₂H₂₉NO₂
 (1R,2S)-1-Benzyl-3-dimethylamino-2-methyl-1-phenylpropyl propionate.
 l-propoxyphene. Antitussive. mp = 75-76°; $[\alpha]_D^{25}$ = -68.2° (c = 0.6 in CHCl₃). *Eli Lilly & Co.*

6417 Levopropoxyphene Napsylate [anhydrous]

5714-90-9 5495 227-209-1
 C₃₂H₃₉NO₆S
 2-Naphthalenesulfonic acid compound with (-)- α -[2-(dimethylamino)-1-methylethyl]- α -phenylphenethyl propanoate (1:1).
 Antitussive. *Eli Lilly & Co.*

6418 Levopropoxyphene Monohydrate**Napsylate**

55557-30-7 5495
 C₃₂H₃₇NO₅S
 2-Naphthalenesulfonic acid compound with (-)- α -[2-(dimethylamino)-1-methylethyl]- α -phenylphenethyl propanoate (1:1) monohydrate.
 levopropoxyphene 2-naphthalenesulfonate; Contratuss; Letusin; Novrad. Antitussive. LD₅₀ (frat orl) 1455 mg/kg. *Eli Lilly & Co.*

6419 Medazomide

300-22-1
 C₆H₉N₃O₂
 1,4,5,6-Tetrahydro-1-methyl-6-oxo-3-pyridazinecarboxamide.
 Possible antitussive agent.

6420 Meprotixol

4295-63-0

 $C_{19}H_{23}NO_2S$

9-[3-(Dimethylamino)propyl]-2-methoxy-thioxanthene-9-ol.

N-7020. May also have antirheumatic activity. Antitussive.

6421 Moguisteine

119637-67-1

 $C_{16}H_{21}NO_5S$ Ethyl ($\pm$)-2-[(*o*-methoxyphenoxy)methyl]- β -oxo-3-thiazolidinepropionate.

BBR-2173. A peripherally acting non-narcotic antitussive.

6422 Morclofone

31848-01-8

6350

250-838-8

 $C_{21}H_{24}ClNO_5$

4'-Chloro-3,5-dimethoxy-4-(2-morpholinoethoxy)-benzophenone.

dimecolphenone; K-3712; Medicil; Nitux; Plausitin.

Antitussive. mp = 91-92°; LD₅₀ (mus orl) = 522 mg/kg.*Farmitalia Carlo Erba SpA.***6423 Moxazocine**

58239-89-7

 $C_{18}H_{25}NO_2$

(-)-(2R,6S,11R)-3-(Cyclopropylmethyl)-1,2,3,4,5,6-hexahydro-11-methoxy-6-methyl-2,6-methano-3-benzazocin-8-ol.

levo-BL-4566. Analgesic; antitussive. *Bristol Myers Squibb Pharmaceuticals Ltd.***6424 Noscapine**

128-62-1

6815

204-899-2

 $C_{22}H_{23}NO_7$

[S-(R*,S*)]-6,7-Dimethoxy-3-(5,6,7,8-tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-yl)-1(3H)-Isobenzofuranone.

narcotine; l- α -narcotine; narcosine; methoxyhydrastine; opian; opianine; NSC-5366; Coscopin; Coscotabs; Capval; Longatin; Lyobex; Narcompren; Narcotussin; Nectadon; Nicolane; Nipaxon; Noscapalin; Terbenol; Tusscapine; Vadebex; dl-narcotine [dl-form]; gnoscopine [dl-form]. Antitussive. Opium alkaloid. mp = 176°; d = 1.395; pK = 7.8; λ_m = 209, 291, 309-310 nm (log ϵ = 4.86, 3.60, 3.69); insoluble in oils; slightly soluble in hot alkali solutions; salts formed with acids are dextrarotatory and unstable in H₂O. *Fisons Corp.***6425 Noscapine Camphorsulfonate**

6815

 $C_{32}H_{43}N_{13}O_{12}S_6$

[S-(R*,S*)]-6,7-Dimethoxy-3-(5,6,7,8-tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-yl)-1(3H)-Isobenzofuranone camphorsulfonate.

374-JL; Tulisan. Antitussive. Contains 36% camphosulfonic acid. mp = 188-191°; [α]_D³³ = +32.7 (c = 4.56 in H₂O); soluble in H₂O, EtOH; less soluble in organic solvents.**6426 Noscapine Hydrochloride**

912-60-7

6815

213-014-9

 $C_{22}H_{24}ClNO_7$

[S-(R*,S*)]-6,7-Dimethoxy-3-(5,6,7,8-tetrahydro-4-

methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-yl)-1(3H)-Isobenzofuranone hydrochloride.

Antitussive. Soluble in H₂O.**6427 Oxeladin**

468-61-1

7064

207-412-1

 $C_{20}H_{33}NO_3$

2-(2-Diethylaminoethoxy)ethyl 2-ethyl-2-phenylbutyrate.

Antitussive. Oil; bp_{0.5} = 150°; soluble in dilute HCl,EtOH, Me₂CO, Et₂O, C₇H₈; practically insoluble in H₂O; stable in acids; unstable in alkalis. *British Drug Houses.***6428 Oxeladin Citrate**

52432-72-1

7064

257-910-8

 $C_{26}H_{41}NO_{10}$

2-(2-Diethylaminoethoxy)ethyl 2-ethyl-2-phenylbutyrate citrate (1:1).

Pectamol; Petcamon; Paxeladine; Silopentol. Antitussive.

mp = 90-91°; soluble in H₂O. *British Drug Houses.***6429 Oxolamine**

959-14-8

7078

213-493-4

 $C_{14}H_{19}N_3O$

5-[2-Diethylamino)ethyl]-3-phenyl-1,2,4-oxadiazole.

Used in inflammatory conditions of the respiratory tract.

bp_{0.4} = 127°. *SmithKline Beecham Pharmaceuticals; Angelini Francesco.***6430 Oxolamine Citrate**

1949-20-8

7078

217-760-6

 $C_{20}H_{27}N_3O_8$

5-[2-Diethylamino)ethyl]-3-phenyl-1,2,4-oxadiazole citrate.

AF-438; SKF-9976; Bredon; Broncatar; Perebron; Prilon; Flogobron; Oxarmin. Used in inflammatory conditions of the respiratory tract. Soluble in H₂O, EtOH; λ_m = 239 (ϵ 260), 273, 283 nm. *SmithKline Beecham Pharmaceuticals; Angelini Francesco.***6431 Pemerid**

50432-78-5

 $C_{15}H_{32}N_2O$

4-[3-Dimethylamino)propoxyl]-1,2,2,6,6-pentamethyl-piperidine.

Antitussive. *Parke-Davis.***6432 Pemerid Nitrate**

34114-01-7

 $C_{15}H_{34}N_4O_7$

4-[3-Dimethylamino)propoxyl]-1,2,2,6,6-pentamethyl-piperidine dinitrate.

W-2394A. Antitussive. *Parke-Davis.***6433 Pholcodine**

509-67-1

7484

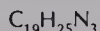
208-102-9

 $C_{23}H_{30}N_2O_4$ (5 α ,6 α)-7,8-Didehydro-4,5-epoxy-17-methyl-3-[2-(4-morpholinyl)ethoxy]morphinan-6-ol.morpholinylethylmorphine; β -morpholinylethylmorphine; homocodeine; Codylin; Ethnine; Galenphol; Galphol; Memine; Pectolin; Weifacodine. Antitussive. Federally controlled substance (opiate). mp = 91°; [α]_D²⁰ = -95° (c = 2 EtOH); slightly soluble in H₂O (2.0 g/100 ml); more soluble in organic solvents; LD₅₀ (mus sc) = 540 mg/kg.

Purdue Pharma L.P.; Lab. Dausse.

6434 Picoperine

21755-66-8 7558

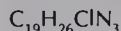


1-[2-[N-(2-Pyridylmethyl)anilino]ethyl]piperidine.

picoperidamine; TAT-3. Antitussive. Liquid; bp₄ = 195-196°. Takeda.

6435 Picoperine Hydrochloride

24699-40-9 7558

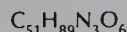


1-[2-[N-(2-Pyridylmethyl)anilino]ethyl]piperidine hydrochloride.

Coben. Antitussive. mp = 183-185°; soluble in H₂O, EtOH; less soluble in organic solvents; LD₅₀ (mus sc) = 210 mg/kg, (mus ip) = 85 mg/kg, (mus iv) = 17 mg/kg, (mus orl) = 240 mg/kg. Takeda.

6436 Picoperine Tripalmitate

24656-22-2 7558



1-[2-[N-(2-Pyridylmethyl)anilino]ethyl]piperidine tripalmitate.

Coben P. Antitussive. mp = 57-60°; soluble in EtOH, CHCl₃; less soluble in dioxane, Me₂CO, C₆H₆; nearly insoluble in C₆H₁₄, H₂O, LD₅₀ (mus orl) = 1900 mg/kg. Takeda.

6437 Pipazethate

2167-85-3 7609 218-508-8



2-(2-Piperidinoethoxy)ethyl 10H-pyrido[3,2-b][1,4]-benzothiadiazine-10-carboxylate.

pipazetate; D-254; SKF-70230-A; SQ-15874. Antitussive. Degussa AG; SmithKline Beecham Pharmaceuticals; Bristol-Myers Squibb Pharmaceutical Res. and Dev.

6438 Pipazethate Hydrochloride

6056-11-7 7609 227-980-4

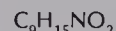


2-(2-Piperidinoethoxy)ethyl 10H-pyrido[3,2-b][1,4]-benzothiadiazine-10-carboxylate hydrochloride.

pipazetate hydrochloride; Lenopect; Selvigon; Selvjgon; Theratuss. Antitussive mp = 160-161°; soluble in H₂O, MeOH; insoluble in non-polar organic solvents; LD₅₀ (rat orl) = 560 mg/kg. Degussa AG.

6439 Piperidione

77-03-2 7622 200-999-5

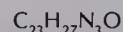


3,3-Diethyl-2,4-piperidinedione.

dihyprylone; Sedulon; Tusseval. Sedative; antitussive. mp = 102-107°; soluble in H₂O, EtOH, CHCl₃.

6440 Prenoxdiazine

47543-65-7



1-[2-[3-(2,2-Diphenylethyl)-1,2,4-oxadiazol-5-yl]-ethyl]piperidine.

Libexin. Antitussive. Chinoïn.

6441 Prenoxdiazine Hydrochloride

982-43-4 7918 213-567-6

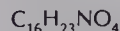


1-[2-[3-(2,2-Diphenylethyl)-1,2,4-oxadiazol-5-yl]-ethyl]piperidine monohydrochloride.

HK-256; Libexin; Lomapect; Tibexin. Antitussive. mp = 192-193°; LD₅₀ (mus orl) = 920 mg/kg, (mus iv) = 34 mg/kg. Chinoïn.

6442 Promolate

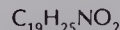
3615-74-5 222-797-6



2-Morpholinoethyl 2-methyl-2-phenoxypropionate. morphethylbutyne. Antitussive.

6443 Proxorphan

69815-38-9

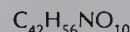


(-)-(4aR,5R,10bS)-13-(Cyclopropylmethyl)-4,4a,5,6-tetrahydro-3H-5,10b-(iminoethano)-1H-naphtho[1,2-c]-pyran-9-ol.

Analgesic; antitussive. Bristol-Myers Squibb Pharmaceutical Res. and Dev.

6444 Proxorphan Tartrate

69815-39-0

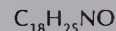


(-)-(4aR,5R,10bS)-13-(Cyclopropylmethyl)-4,4a,5,6-tetrahydro-3H-5,10b-(iminoethano)-1H-naphtho[1,2-c]-pyran-9-ol D-(-)-tartrate (2:1) (salt).

BL-5572M. Analgesic; antitussive. Bristol-Myers Squibb Pharmaceutical Res. and Dev.

6445 Racemethorphan

510-53-2 8274 208-114-4



(±)-3-Methoxy-17-methylmorphinan.

deoxydihydrothebaccodine; methorphan. Antitussive. Federally controlled substance (opiate). See dextromethorphan, levomethorphan. Hoffmann-LaRoche Inc.

6446 Sodium Dibunate

14992-59-7 8753 239-079-3



Sodium 2,6-di-tert-butyl-1(or -3)-naphthalenesulfonate.

L-1633I; 1633 Labaz; Becantal; Becantex; Dibunafon; Keuten; Linctussal. Antitussive. Mixture of at least two isomers. Dec > 300°; slightly soluble in cold, more soluble in hot H₂O; soluble in MeOH; less soluble in EtOH.

6447 Suxemerid

47662-15-7



Bis(1,2,2,6,6-pentamethyl-4-piperidyl) succinate.

Antitussive. Parke-Davis.

6448 Suxemerid Sulfate

34144-82-6



Bis(1,2,2,6,6-pentamethyl-4-piperidyl) succinate sulfate (1:2).

W-2180. Antitussive. Parke-Davis.

6449 Tipepidine

5169-78-8 9601



3-(Di-2-thienylmethylene)-1-methylpiperidine.

tipedine; AT-327; CR-662. Antitussive. mp = 64-65°; bp_{4.5} = 178-184°; LD₅₀ (mus ip) = 294 mg/kg; (mus orl) = 867 mg/kg. *Tanabe Seiyaku*.

6450 Tipegidine Citrate Monohydrate
9601

C₂₁H₂₇NO₈S₂
3-(Di-2-thienylmethylene)-1-methylpiperidine citrate monohydrate.

bithiodine. Antitussive. mp = 139-139°; soluble in H₂O, EtOH, propylene glycol. *Tanabe Seiyaku*.

6451 Tipegidine Hibenzate
31139-87-4 9601

C₂₉H₂₇NO₄S₂
3-(Di-2-thienylmethylene)-1-methylpiperidine hibenzate. Asverin; Sotal. Antitussive. mp = 187-190°. *Tanabe Seiyaku*.

6452 Vadocaine
72005-58-4

C₁₈H₂₈N₂O₂
(±)-6'-Methoxy-2-methyl-1-piperidinepropiono-2',4'-xylidide.
OR-K-242. Anilide derivative. Local anesthetic; antitussive.

6453 Xyloxemine
1600-19-7

C₂₃H₃₃NO₂
2-[2-(Di-2,6-xylylmethoxy)ethoxy]-N,N-dimethylethylamine.
BS-6748. Antitussive.

6454 Zipeprol
34758-83-3 10303 252-191-7

C₂₃H₃₂N₂O₃
4-(2-Methoxy-2-phenylethyl)-α-(methoxyphenylmethyl)-1-piperazineethanol.
Antitussive. mp = 83°. *Mauvernay*.

6455 Zipeprol Dihydrochloride
34758-84-4 10303 252-192-2

C₂₃H₃₄Cl₂N₂O₃
4-(2-Methoxy-2-phenylethyl)-α-(methoxyphenylmethyl)-1-piperazineethanol dihydrochloride.
CERM-3024; Antituxil-Z; Citizeta; Mirsol; Respirene; Respirase; Zitoxil. Antitussive. mp = 231°; LD₅₀ (mus orl) = 301 mg/kg. *Mauvernay*.

Antiulceratives

6456 ε-Acetamidocaproic Acid Zinc Salt
70020-71-2 43

C₁₆H₂₈N₂O₆Zn
6-(Acetylamino)hexanoic acid zinc salt.
zinc acexamate; Copinal. Anti-ulcerative. [free acid]: mp = 104-105.5°, 112°. *Rowa-Wagner*.

6457 Aceglutamide aluminum
12607-92-0 25

C₃₅H₅₉Al₃N₁₀O₂₄
Pentakis (N⁻-acetyl-L-glutaminato)terahydroxytrialuminum.

Glumal; KW-110. Anti-ulcerative. mp = 221° (dec); soluble in H₂O; insoluble in MeOH, EtOH, Me₂CO; LD₅₀ (mmus orl) = 14.3 g/kg, (mmus ip) = 5.0 g/kg, (mmus iv) = 0.46 g/kg, (mrat orl) > 14.5 g/kg, (mrat ip) = 4.2 g/kg, (mrat iv) = 0.40 g/kg. *Kyowa Hakko Kogyo Co., Ltd.*

6458 Acetoxolone
6277-14-1 76 228-475-1

C₃₂H₄₈O₅
(20β)-3β-(Acetyloxy)-11-oxoolean-12-en-29-oic acid.
acetylgyccyrhethinic acid; glyccyrhethic acid acetate. Anti-ulcerative. mp = 322-325°; [α]_D²⁰ = 141°. *Dott. Inverni & Della Beffa*.

6459 Acetoxolone Aluminum Salt
29728-34-5 76 249-815-5

C₉₆H₁₄₁AlO₁₅
(20β)-3β-(Acetyloxy)-11-oxoolean-12-en-29-oic acid aluminum salt.
Oriens. Anti-ulcerative. mp = 286-290°; [α]_D²⁰ = 126° ± 2° (c = 1 CHCl₃); insoluble in H₂O; LD₅₀ (mrat orl) > 3300 mg/kg. *Dott. Inverni & Della Beffa*.

6460 Aldioxa
5579-81-7 224 226-964-4

C₄H₇AlN₄O₅
Dihydroxy[2-hydroxy-5-oxo-2-imidazolin-4-yl)ureato]aluminum.
ALDA; RC-172; Alanetorin; Alusa; Arlanto; Ascomp; Chlokale; Isalon; Nische; Peptilate. Anti-ulcerative. Astringent and keratolytic. mp = 230°; insoluble in polar and non-polar solvents.

6461 Arbaprostil
55028-70-1 808

C₂₁H₃₄O₅
(E,Z)-(1R,2R,3R)-7-[3-Hydroxy-2-[(3R)-(3-hydroxy-3-methyl-1-octenyl)]-5-oxocyclopentyl]-5-heptenoic acid.
U-42842; (15R)-15-methylprostaglandin E₂; Arbacet. Anti-ulcerative. Gastric antisecretory. *Pharmacia & Upjohn, Inc.*

6462 Benexate
78718-52-2

C₆₅H₉₈ClN₃O₃₉
Benzyl 2-[trans-4-(guanidinomethyl)cyclohexylcarbonyloxy]benzoate hydrochloride β-cyclodextrin clathrate.
A formulated-deliverable form of benexate, an anti-ulcerative.

6463 Benexate Hydrochloride
78718-25-9 1065

C₂₃H₂₈ClN₃O₄
trans-2-[[[4-[[[Aminoiminomethyl]amino]methyl]-cyclohexyl]carbonyl]oxy]benzoic acid phenmethyl ester monohydrochloride.
Anti-ulcerative. Synthetic protease inhibitor. mp = 83°. *Nippon Chemiphar*.

6464 Bergenin
477-90-7 1197

C₁₄H₁₆O₉
3,4,4a,10b-Tetrahydro-3,4,8,10-tetrahydroxy-2-(hydroxymethyl)-9-methoxypyran[3,2-c][2]benzopyran-6H-one.
Antiulcerative. mp = 238°; λ_m 275 220 nm (log ε 3.92)

4.42); $[\alpha]_D^{18} = -37.7^\circ$ (c = 1.96 EtOH), $[\alpha]_D^{24} = -45.3^\circ$ (c = 0.51 H₂O); freely soluble in H₂O, soluble in EtOH; [monohydrate]: mp = 140°, slightly soluble in H₂O, freely soluble in EtOH.

6465 Cadexomer Iodine

94820-09-4
Product of reaction between dextrin and epichlorohydrin coupled with ion-exchyange groups and iodine.
Iodosorb. Anti-ulcerative andantiseptic. *Perstorp AB*.

6466 Carbenoxolone

5697-56-3 1839 227-174-2
C34H50O7
3β-Hydroxy-11-oxoolean-12-en-30-oic acid hydrogen succinate.
Anti-ulcerative. mp = 291-294°; $[\alpha]_D^{20} = 128^\circ$ (CHCl₃). *Biorex*.

6467 Carbenoxolone Sodium

7421-40-1 1839 231-044-0
C34H48Na2O7
3β-Hydroxy-11-oxoolean-12-en-30-oic acid hydrogen succinate disodium salt.
Biogastrone; Bioplex; Bioral; Duogastrone; Neogel; Pyrogastrone; Sanodin; Ulcus-Tablinen. Anti-ulcerative. A proprietary preparation of carbenoxolone sodium; a gastro-intestinal sedative. soluble in H₂O; LD₅₀ (mmus ip) = 120 mg/kg, (mmus iv) = 198 mg/kg, (mrat orl)= 3200 mg/kg. *Biorex*.

6468 Cetraxate

34675-84-8 2067
C17H23NO4
p-Hydroxyhydrocinnamic acid trans-4-(aminomethyl)cyclohexanecarboxylate.
Anti-ulcerative. Derivative of tranexamic acid. mp = 200-280°. *Daiichi Seiyaku*.

6469 Cetraxate Hydrochloride

27724-96-5 2067
C17H24ClNO4
p-Hydroxyhydrocinnamic acid trans-4-(aminomethyl)cyclohexanecarboxylate hydrochloride.
DV-1006; Neuer. Anti-ulcerative. Derivative of tranexamic acid. mp = 238-240°. *Daiichi Seiyaku*.

6470 Cimetidine

51481-61-9 2337 257-232-2
C10H16N6S
2-Cyano-1-methyl3-[2-[[[5-methylimidazol-4-yl)methyl]-thio]ethyl]guanidine.
SKF-92334; Acibilin; Acinil; Cimal; Cimetag; Cimetum; Edalene; Dyspamet; Eureceptor; Gastromet; Peptol; Tagamet; Tametin; Tratul; Ulcedin; Ulcedine; Ulcerfen; Ulcimet; Ulcofalk; Ulcomedina; Ulcomet; Ulhys. Anti-ulcerative. mp = 141-143°; soluble in H₂O (1.14%); LD₅₀ (rat orl) = 5000 mg/kg, (rat iv) = 106 mg/kg, (rat ip) = 650 mg/kg, (mus orl) = 2600 mg/kg, (mus iv) = 150 mg/kg, (mus ip) = 650 mg/kg. *SmithKline Beecham Pharmaceuticals*.

6471 Cimetidine Hydrochloride

70059-30-2 2337 274-297-2
C10H17ClN6S

2-Cyano-1-methyl3-[2-[[[5-methylimidazol-4-yl)-methyl]thio]ethyl]guanidine monohydrochloride.
Tagamet Injection; Tagamet Liquid; Aciloc; Biomag; Brumetidina, Notul. Anti-ulcerative. *SmithKline Beecham Pharmaceuticals*.

6472 Colloidal Bismuth Subcitrate

57644-54-9 2549 260-872-5
C9H11IN2O5
Tripotassium dicitrato bismuthate.
De-Nol; CBS; De-Noltab; Duosol; Ulcerone. Anti-ulcerative. A cytoprotective, polymeric bismuth citrato complex. soluble in H₂O, dilute alkali. *Gist-Brocades Intl*.

6473 Deboxamet

34024-41-4
C12H14N2O3
5-Methoxy-2-methylindole-3-acetohydroxamic acid.
Anti-ulcerative.

6474 Ebrotidine

100981-43-9 3536
C14H17BrN6O2S3
p-Bromo-N-[(E)-[[2-[[[2-(diaminomethylene)amino]4-thiazolyl)methyl]thio]ethyl]amino]methylene]-benzenesulfonamide.
FI-3542; Ebrodin; Ulsanic. Anti-ulcerative. Histamine H₂ receptor antagonist. mp = 142.5-146°.

6475 Ecabet

33159-27-2 3538
C20H28O5S
13-Isopropyl-12-sulfopodocarpa-8,11,13-trien-15-oic acid.
Anti-ulcerative. [hemihydrate] $[\alpha]_D^{25} = 72.4^\circ$ (c = 2.5 EtOH).

6476 Ecabet Sodium

86408-72-2 3538
C20H27NaO5S
13-Isopropyl-12-sulfopodocarpa-8,11,13-trien-15-oic acid sodium salt.
TA-2711; Gastron. Anti-ulcerative. [pentahydrate] mp > 300°; $[\alpha]_D^{20} = 59.4^\circ$ (c = 0.5).

6477 Egualen

99287-30-6
C15H18O3S
3-Ethyl-7-isopropyl-1-azulenesulfonic acid.
Antiulcerative.

6478 Enisoprost

81026-63-3
C22H36O5
(±)-Methyl(Z)-7-[(1R,2R,3R)-3-hydroxy-2-[(E)-(4RS)-4-hydroxy-4-methyl-1-octenyl]-5-oxocyclopentyl]-4-heptenoate.
SC-34301. Anti-ulcerative. *Searle, G.D., & Co*.

6479 Enprostil

73121-56-9 3629
C23H28O6
Methyl 7-[(1R*,2R*,3R*)-3-hydroxy-2-[(E)-(3R*)-3-hydroxy-4-phenoxy-1-butenyl]-5-oxocyclopentyl]-4,5-heptadienoate.
RS-84135; GardrinCamleed; Fundyl; Gardrine; Syngard.

Anti-ulcerative. Gastric antisecretory. mp = 46°; slightly soluble in H₂O; soluble in EtOH, propyleneglycol, propylene carbonate; λ_m = 220, 265, 271, 277 nm (log ε 4.01, 3.14, 3.24, 3.16 MeOH). *Syntex Labs. Inc.*

6480 Esaprazole

64204-55-3 3736

C₁₂H₂₃N₃O

N-Cyclohexyl-1-piperazineacetamide.

hexaprazol; hexaprazole; exaprazole; C-63; Prazol; [hydrochloride] CO-1063. Anti-ulcerative. mp = 111-

112°; bp_{0.5} = 190°; LD₅₀ (mus orl) = 1974 mg/kg, (mus iv) = 271 mg/kg, (rat orl) = 3900 mg/kg. *Camillo Corvi.*

6481 Famotidine

76824-35-6 3972

C₈H₁₅N₇O₂S₃

[1-Amino-3-[[[2-[(diaminomethylene)amino]-4-thiazolyl]methyl]thio]propylidene]sulfamide.

Pepcid®; Pepcid AC; MK-208; YM-11170; Amfamox; Dispromil; Famodil; Famodine; Famosan; Famoxal; Fanosin; Fibonell; Ganor; Gaster; Gastridin; Gastropen; Ifada; Lecedil; Motiax; Muclox; Nulcerin; Pepcidina; Pepcidine; Pepdine; Pepdul; Peptan; Ulcetrax; Ulfamid; Ulfinol. Anti-ulcerative. Histamine H₂ receptor antagonist. mp = 163-164°; soluble in DMF (80 g/100 ml), AcOH (50 g/100 ml), MeOH (0.3 g/100 ml), H₂O (0.1 g/100 ml); insoluble in EtOH, EtOAc, CHCl₃; LD₅₀ (mus iv) = 244.4 mg/kg. *Merck & Co., Inc.*

6482 Gefarnate

51-77-4 4385 200-121-0

C₂₇H₄₄O₂

trans-3,7-Dimethyl-2,6-octadienyl-5,9,13-trimethyl-4,8,12-tetradectrienoate.

DA 688; geranyl farnesyl acetate; Alsanate; Arsanyl; Dixnalate; Gefanil; Gefarnyl; Gefulcer; Osteol; Salanil; Zackal. Anti-ulcerative. bp_{0.05} = 165-168°; λ_m = 204 nm (E_{1 cm}^{1%} 486); soluble in EtOH, Et₂O, Et₂O, DMF, Me₂CO; oils; insoluble in H₂O, formamide, ethylene glycol, propylene glycol, glycerol. *Ist. De Angeli.*

6483 Guaiazulene

489-84-9 4581 207-701-2

C₁₅H₁₈

1,4-Dimethyl-7-(1-methylethyl)azulene.

S-guaiazulene; AZ 8; AZ 8 Beris; Eucazulen; Kessazulen; Vaumigan. Anti-inflammatory and anti-ulcerative. Blue oil; bp₁₀ = 165-170°.

6484 Irsogladine

57381-26-7 5113

C₉H₇Cl₂N₅

2,4-Diamino-6-(2,5-dichlorophenyl)-s-triazine.

dicloguamine. Anti-ulcerative. mp = 268-269°. *Nippon Shinyaku.*

6485 Irsogladine Maleate

84504-69-8 5113

C₁₃H₁₁Cl₂N₅O₄

2,4-Diamino-6-(2,5-dichlorophenyl)-s-triazine maleate.

MN-1695; Gaslon. Anti-ulcerative. mp = 205° (dec); LD₅₀ (mmus orl) = 6035 mg/kg, (mmus sc) = 2841 mg/kg, (mmus ip) = 775 mg/kg, (fmus orl) = 5697 mg/kg, (fmus

sc) = 3216 mg/kg, (fmus ip) = 1006 mg/kg, (mrat orl) = 3898 mg/kg, (mrat sc) = 1600 mg/kg, (mrat ip) = 558 mg/kg, (frat orl) = 2917 mg/kg, (frat sc) = 1524 mg/kg, (frat ip) = 545 mg/kg. *Nippon Shinyaku.*

6486 Isotiquimide

56717-18-1

C₁₁H₁₄N₂S

(±)-5,6,7,8-Tetrahydro-4-methylthio-8-

quinolinecarboxamide.

WY-24377. Anti-ulcerative. *Wyeth-Ayerst Labs.*

6487 Lansoprazole

103577-45-3 5373

C₁₆H₁₄F₃N₃O₂S

2-[[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl]methyl]sulfinyl]benzimidazole.

Prevacid(TAP); AG-1749; A-65006; Agopton; Lanzor; Ogast; Takepron; Zoton. Anti-ulcerative. Gastric proton pump inhibitor. mp = 178-182° (dec). *Takeda.*

6488 Lavoltidine

76956-02-0

C₁₉H₂₉N₅O₂

1-Methyl-5-[[3-[(α-piperidino-m-tolyl)oxy]propyl]amino]-1H-1,2,4-triazole-3-methanol.

Loxotidine; AH23844. Anti-ulcerative. Histamine H₂ receptor antagonist. *Glaxo Labs.*

6489 Lavoltidine Succinate

86160-82-9

C₄₂H₆₄N₁₀O₈

1-Methyl-5-[[3-[(α-piperidino-m-tolyl)oxy]propyl]amino]-1H-1,2,4-triazole-3-methanol succinate (salt) (2:1).

Loxotidine succinate; AH23844A. Anti-ulcerative. Histamine H₂ receptor antagonist. *Glaxo Labs.*

6490 Leminoprazole

104340-86-5

C₁₉H₂₃N₃OS

(±)-2-[[o-(Isobutylmethylamino)benzyl]sulfinyl]benzimidazole.

NC-1300-O-3. H⁺,K⁺-ATPase (acid pump) inhibitor. Stimulates synthesis and secretion of mucus. Antiulcerative.

6491 Lozilurea

71475-35-9

C₁₀H₁₃ClN₂O

1-(m-Chlorobenzyl)-3-ethylurea.

ITA-312. Antiulcerative.

6492 Meciadanol

65350-86-9 265-710-7

C₁₆H₁₆O₆

(2R,3S)-3-Methoxy-3',4',5,7-flavanterol.

Zyma S.A., Nyon, Switzerland. A catechin bioflavonoid with gastric cytoprotective effects. Antiulcerative.

6493 Misoprostol

59122-46-2 6297

C₂₂H₃₈O₅

(±)-Methyl(1R,2R,3R)-3-hydroxy-2-[(E)-(4R)-4-hydroxy-4-methyl-1-octenyl]-5-oxocyclopentaneheptanoate.

Cytotec; SC-29333. Anti-ulcerative. Cytoprotective

prostaglandin PGE₁ analog. Soluble in H₂O; LD₅₀ (rat ip) = 40-62 mg/kg, (rat orl) = 81-100 mg/kg, (mus ip) = 70-160 mg/kg, (mus orl) = 27-138 mg/kg. *Searle, G.D., & Co.*

6494 Niperotidine

84845-75-0 284-304-0

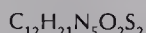


N-[2-[[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-2-nitro-N'-piperonyl-1,1-ethenediamine.

Histamine H₂-receptor antagonist. Associated liver toxicity. Antiulcerative.

6495 Nizatidine

76963-41-2 6758

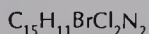


N-[2-[[[2-[(Dimethylamino)methyl]-4-thiazolyl]methyl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethenediamine.

Acid; LY-139037; ZE-101; ZL-101; Calmaxid; Cronizat; Distaxid; Gastrax; Naxidine; Nizax; Nizaxid; Zanizal. Anti-ulcerative. Histidine H₂ receptor antagonist. mp = 130-132°; λ_m = 240, 325 nm (ε 8400, 19600 MeOH); 260, 314 (ε 11820, 15790 H₂O); soluble in CHCl₃ (> 100 mg/ml), MeOH (50-100 mg/ml); less soluble in H₂O (10-33 mg/ml); poorly soluble in EtOAc (1-2 mg/ml), iPrOH (3.3-5 mg/ml); insoluble in C₆H₆ (<0.5 mg/ml), Et₂O (< 0.5 mg/ml), C₈H₁₇OH (< 0.5 mg/ml). *Eli Lilly & Co.*

6496 Nolinium Bromide

40759-33-9

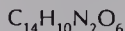


2-(3,4-Dichloroanilino)quinolizinium bromide.

EU-2972. Anti-ulcerative.

6497 Olsalazine

15722-48-2 6976



3,3'-Azobis[6-hydroxybenzoic acid].

azodisal. Anti-ulcerative. Developed as a mordant dye for wool. *Pharmacia & Upjohn, Inc.*

6498 Olsalazine Sodium

6054-98-4 6976 227-975-7



3,3'-Azobis[6-hydroxybenzoic acid] disodium salt.

azodisal sodium; disodium azodisalicylate; C.I. 14130; Ph-CJ-01B; Dipentum. Anti-ulcerative. Soluble in H₂O, moderately soluble in EtOH. *Pharmacia & Upjohn, Inc.*

6499 Omeprazole

73590-58-6 6977

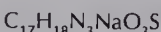


5-Methoxy-2-[[[4-methoxy-3,5-dimethyl-2-pyridyl]-methyl]sulfonyl]benzimidazole.

Prilosec. Anti-ulcerative. Gastric antisecretory. Used in treatment of Zollinger-Ellison syndrome. mp = 156°; LD₅₀ (mus iv) = 0.08 g/kg, (mus orl) > 4 g/kg, (rat iv) > 0.05 g/kg, (rat orl) > 4 g/kg. *Astra Sweden; Merck & Co., Inc.*

6500 Omeprazole Sodium

95510-70-6 6977

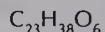


5-Methoxy-2-[[[4-methoxy-3,5-dimethyl-2-pyridyl]-methyl]sulfonyl]benzimidazole sodium salt.

Anti-ulcerative. Gastric antisecretory. Used in treatment of Zollinger-Ellison syndrome. *Astra Sweden; Merck & Co., Inc.*

6501 Ornoprostil

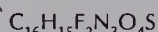
70667-26-4 7003



Methyl (-)-(1R,2R,3R)-3-hydroxy-2-[(E)-(3S,5S)-3-hydroxy-5-methyl-1-nonenyl]-ε,5-dioxocyclopentaneheptanoate. ronoprost; ONO-1308; OU-1308; Alloca; Ronok. Anti-ulcerative. Gastric antisecretory. *Ono Pharmaceutical Co., Ltd.*

6502 Pantoprazole

102625-70-7 7146

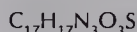


5-(Difluoromethoxy)-2-[[[3,4-dimethoxy-2-pyridyl]-methyl]sulfinyl]benzimidazole.

SK&F-96022; BY-1023. Anti-ulcerative. Gastric proton pump inhibitor. mp = 139-140° (dec); [sodium salt]: mp >130° (dec); λ_m = 289 (ε 16400). *SmithKline Beecham Pharmaceuticals.*

6503 Picoprazole

78090-11-6

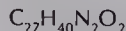


Methyl 6-methyl-2-[[[3-methyl-2-pyridyl)methyl]sulfinyl]-5-benzimidazolecarboxylate.

H-149/94. A benzimidazole derivative that suppresses acid secretion through inhibition of (H⁺/K⁺)-ATPase. Antiulcerative; cytoprotectant.

6504 Pifarnine

56208-01-6 7575

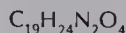


1-Piperonyl-4-(3,7,11-trimethyl-2,6,10-dodecatrienyl)-piperazine.

U-27; Pifazin. Anti-ulcerative. Non-cholinergic gastric secretory inhibitor. λ_m = 287 nm (E_{1cm}^{1%} 94.6 EtOH); d²⁰ = 1.013-1.015; soluble in most organic solvents, insoluble in H₂O; LD₅₀ (mus orl) = 2175 mg/kg, (mus iv) = 41.6 mg/kg, (mus ip) = 500 mg/kg, (rat orl) = 2610 mg/kg, (rat iv) = 33.3 mg/kg. *Pierrel S.p.A.*

6505 Pipratecol

15534-05-1 239-578-6

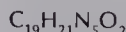


α-(3,4-Dihydroxyphenyl)-4-(2-methoxyphenyl)-1-piperazineethanol.

711-SE. Substituted thienoimidazole H⁺/K⁺-ATPase inhibitor. Antiulcerative.

6506 Pirenzepine

28797-61-7 7646 249-228-4



5,11-Dihydro-11-[[4-methyl-1-piperazinyl]acetyl]-6H-pyrido[2,3-b][1,4]benzodiazepin-6-one.

LS-519. Anti-ulcerative. Gastric acid inhibitor. *Boehringer Ingelheim GmbH.*

6507 Pirenzepine Hydrochloride

29868-97-1 7646 249-907-5



5,11-Dihydro-11-[[4-methyl-1-piperazinyl]acetyl]-6H-pyrido[2,3-b][1,4]benzodiazepin-6-one dihydrochloride. LS-59 Cl₂; Duogastral; Durapirenz; Gasteril; Gastrozepin;

Leblon; Maghen; Renzepin; Tabe; Ulcuforton; Ulcosan.
Anti-ulcerative. Gastric acid inhibitor. Soluble in H₂O,
less soluble in MeOH, insoluble in Et₂O. *Boehringer
Ingelheim GmbH.*

6508 Plaunotol

64218-02-6 7692

C₂₀H₃₄O₂
(2Z,6E)-2-[(3E)-4,8-Dimethyl-3,7-nonadienyl]-6-methyl-
2,6-octadiene-1,8-diol.
CS-684; Kelnac. Anti-ulcerative. Soluble in organic
solvents, insoluble in H₂O; LD₅₀ (mmus orl) = 8800 µl/kg,
(fmus orl) = 8100 µl/kg, (mrat orl) = 10900 µl/kg, (frat orl)
= 11200 µl/kg. *Sankyo.*

6509 Polaprezinc

107667-60-7 7712

(C₉H₁₂N₄O₃Zn)_n
[N-β-Alanyl-L-histidinato(2-)-N,N',O^α]zinc.
zinc L-carnosine; Z-103; Promac. Anti-ulcerative. Has
antioxidant and gastroprotective properties. Insoluble in
H₂O; LD₅₀ (mmus ip) = 220 mg/kg, (mmus sc) = 758
mg/kg, (mmus orl) = 1269 mg/kg, (fmus ip) = 165 mg/kg,
(fmus sc) = 874 mg/kg, (fmus orl) = 1331 mg/kg, (mrat ip)
= 405 mg/kg, (mrat sc) > 5000 mg/kg, (mrat orl) = 8441
mg/kg, (frat ip) = 422 mg/kg, (frat sc) > 5000 mg/kg, (frat
orl) = 7375 mg/kg. *Hamari.*

6510 Predenema®

630-67-1 7901 211-141-4
Prednisolone acetate.
Corticosteroid, anti-inflammatory. *Allergan, Inc.*

6511 Predfoam®

630-67-1 7901 211-141-4
Prednisolone tebutate.
Glucocorticoid. *O'Neal, Jones & Feldman
Pharmaceuticals.*

6512 Rabeprazole

117976-89-3 8272
C₁₈H₂₁N₃O₃S
2-[[[4-(3-Methoxypropoxy)-3-methyl-2-
pyridinyl]methyl]sulfinyl]benzimidazole.
LY-307640; pariprazole. Anti-ulcerative. Gastric pump
inhibitor. mp = 99-100° (dec). *Eli Lilly & Co.*

6513 Rabeprazole Sodium

117976-90-6 8272
C₁₈H₂₀N₃NaO₃S
2-[[[4-(3-Methoxypropoxy)-3-methyl-2-pyridinyl]-
methyl]sulfinyl]benzimidazole sodium salt.
LY-307640 sodium; E-3810. Anti-ulcerative. Gastric
pump inhibitor. mp = 140-141° (dec). *Eli Lilly & Co.*

6514 Ramixotidine

84071-15-8
C₁₆H₂₁N₃O₃S
N-[2-[[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-
nicotinamide 1-oxide.
CM-57755 [as dihydrochloride]. Histamine H₂-receptor
antagonist with gastric antisecretory effects.
Antiulcerative.

6515 Ranitidine

66357-35-5 8286 266-332-5

C₁₃H₂₂N₄O₃S
N-[2-[[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-
methyl-2-nitro-1,1-ethenediamine.

Anti-ulcerative. Histamine H₂ receptor antagonist; inhibits
gastric secretion. mp = 69-70°. *Glaxo Labs.*

6516 Ranitidine Hydrochloride

66357-59-3 8286 266-333-0

C₁₃H₂₃ClN₄O₃S
N-[2-[[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-
methyl-2-nitro-1,1-ethenediamine hydrochloride.
AH-19065; Azantac; Melfax; Noctone; Raniben; Ranidil;
Raniplex; Sostril; Taural; Terposen; Trigger; Ulcex;
Ultidine; Zantac; Zantic. Anti-ulcerative. Histamine H₂
receptor antagonist; inhibits gastric secretion. Soluble in
AcOH, H₂O, MeOH; less soluble in EtOH; insoluble in
CHCl₃. *Glaxo Labs.*

6517 Rebamipide

90098-04-7 8296

C₁₉H₁₅ClN₂O₄
(±)-α-(p-Chlorobenzamido)-1,2-dihydro-2-oxo-4-
quinolinepropionic acid.
OPC-12759; Mucosta; proamipide. Anti-ulcerative.
Gastric cytoprotectant. [hemihydrate]: mp = 299-290°
(dec); [(-)-form]: mp = 304-306°; [(-)-form]: [α]_D²⁰ = -116.7
(c = 1.0 in DMF); [(+)-form]: [α]_D²⁰ = +116.9 (c = 1.0
DMF). *Otsuka America Pharmaceuticals, Inc.*

6518 Remiprostol

110845-89-1
C₂₅H₃₆O₅
(±)-Methyl-(Z)-7-[(1R,2R,3R)-2-[(1E,5E)-(4RS)-6-(1-
cyclopenten-1-yl)-4-hydroxy-4-methyl-1,5-hexadienyl]-3-
hydroxy-5-oxocyclopentyl]-5-heptenoate.
SC-48834. Anti-ulcerative. *Searle, G.D., & Co.*

6519 Rioprostil

77287-05-9 8395
C₂₁H₃₈O₄
(2R,3R,4R)-4-Hydroxy-2-(7-hydroxyheptyl)-3-[(E)-(4RS)-
(4-hydroxy-4-methyl-1-octenyl)]cyclopentanone.
Bay o 6893; ORF-15927; TR-4698; Rostil. Anti-ulcerative.
Gastric antisecretory. [α]_D = -58.6° (c = 1 CHCl₃). *Bayer
AG; Miles.*

6520 Rosaprostol

56695-65-9 8419 260-341-8
C₁₈H₃₄O₃
2-Hexyl-5-hydroxycyclopentaneheptanoic acid.
I8I-C83; Rosal. Anti-ulcerative. Gastric antisecretory and
cytoprotectant. [sodium salt]: LD₅₀ (mus, rat orl) = 3000
mg/kg, > 5000 mg/kg. *Ist. Biochim.*

6521 Rotraxate

92071-51-7 8428
C₁₇H₂₃NO₃
p-[[trans-4-
(Aminomethyl)cyclohexyl]carbonyl]hydrocinnamic acid.
traxaprone. Anti-ulcerative. Gastric antisecretory and
cytoprotectant. *Teijin.*

6522 Rotraxate Hydrochloride

82085-94-7 8428

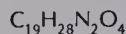


p-[(trans-4-(Aminomethyl)cyclohexyl)carbonyl]-hydrocinnamic acid monohydrochloride.

TEI-5103; TG-51; Cumelon. Anti-ulcerative. Gastric antisecretory and cytoprotectant. mp = 245° (dec), 221-227°; LD₅₀ (mrat orl) = 9800 mg/kg, (mrat ip) = 862 mg/kg, (mrat sc) = 5000 mg/kg, (frat orl) = 9800 mg/kg, (frat ip) = 835 mg/kg, (frat sc) = 5000 mg/kg. *Teijin*.

6523 Roxatidine

78273-80-0 8431

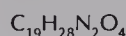


N-[3-[(α-Piperidino-m-tolyl)oxy]propyl]glycolamide.

Rosoxacin; HOE-062. Anti-ulcerative. Histamine H₂ receptor antagonist. mp = 59-60°; LD₅₀ (mus orl) = 1000 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.*

6524 Roxatidine Acetate

78628-28-1 8431

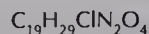


N-[3-[(α-Piperidino-m-tolyl)oxy]propyl]glycolamide acetate (ester).

HOE-062; aceroxatidine. Anti-ulcerative. Histidine H₂ receptor antagonist. mp = 59-60°, LD₅₀ (mmus orl) = 1000 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.*

6525 Roxatidine Acetate Hydrochloride

93793-83-0 8431

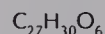


N-[3-[(α-Piperidino-m-tolyl)oxy]propyl]glycolamide acetate (ester) hydrochloride.

HOE-760; pifatidine; TZU-0460; Altat; Gastralgin; Neo H2; Roxit. Anti-ulcerative. Histidine H₂ receptor antagonist. mp = 145-146°. *Hoechst-Roussel Pharmaceuticals Inc.*

6526 Sofalcone

64506-49-6 8850



[5-[(3-Methyl-2-butenyl)oxy]-2-[p-[(3-methyl-2-butenyl)oxy]cinnamoyl]phenoxy]acetic acid.

Su-88; Solon. Anti-ulcerative. mp = 143-144°; LD₅₀ (mus, rat orl) > 10 g/kg. *Taisho*.

6527 Somatostatin

38916-34-6 8863 254-186-5



Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys (Cys-Cys disulfide).

GH-RIF; somatotropin release inhibiting factor; SRIF; SRIF-14. Tetradecapeptide which acts as a growth hormone inhibitor. Used for treatment of hemorrhaging of gastro-duodenal ulcers. *Genentech, Inc.*

6528 Spizofurone

72492-12-7 8918

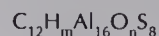


5-Acetylspiro[benzofuran-2(3H),1'-cyclopropan]-3-one.

AG-629; Maon. Anti-ulcerative. mp = 102-104°, 106-107°. *Takeda*.

6529 Sucralfate

54182-58-0 9049 259-018-4

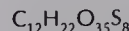


Sucrose octakis(hydrogen sulfate) aluminum complex.

Carafate; Antepsin; Citogel; Hexagastron; Keal; Succosa; Sucralfin; Sucrate; Sugast; Sulcrate; Ulcar; Ulcermin; Ulcogant. Gastrointestinal anti-ulcerative. Insoluble in H₂O, EtOH, soluble in dilute HCl and NaOH solutions. *Hoechst Marion Roussel Inc.*

6530 Sucrosolate

57680-56-5



Sucrose octakis(sulfuric acid).

Anti-ulcerative. *Marion Merrell Dow Inc.*

6531 Sucrosolate Potassium

76578-81-9



Sucrose octakis(potassium sulfate) heptahydrate.

Agent M-01. Anti-ulcerative. *Marion Merrell Dow Inc.*

6532 Sulfasalazine

599-79-1 9112 209-974-3



5-[[p-(2-Pyridylsulfamoyl)phenyl]azo]salicylic acid.

Azulfidine. Antiulcerative and antibacterial. Has been used in the treatment of Crohn's disease. mp = 240-245°;

λ_m = 237 nm (E_{1cm}^{1%} 658) and 359 nm; insoluble in H₂O, C₆H₆, CHCl₃, Et₂O; soluble in EtOH. *Pharmacia & Upjohn, Inc.*

6533 Sulglicotide

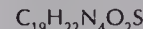
54182-59-1

Sulfuric polyester of a glycopeptide isolated from pig duodenum.

sulglicotide. A sulfoglycopeptide. Antiulcerative; cytoprotectant.

6534 Telenzepine

80880-90-6 9270

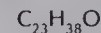


4,9-Dihydro-3-methyl-4-[(4-methyl-1-piperazinyl)acetyl]-10H-thieno[3,4-b][1,5]benzodiazepin-10-one.

Anti-ulcerative. Muscarinic M₁ receptor antagonist, a gastric secretion inhibitor. mp = 263-264°. *Byk Gulden*.

6535 Teprenone

6809-52-5 9296



6,10,14,18-Tetramethyl-5,9,13,17-nonadecatetraene-2-one, mixture of (5E,9E,13E) and (5Z,9E,13E) isomers.

geranylgeranylacetone; GGA; E-0671; E36U31; Selbex.

Anti-ulcerative. bp_{0.01} = 155-160°; d₄^{20.5} = 0.9081.

6536 Tolimidone

41964-07-2

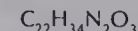


5-(m-Toloxyl)-2(1H)-pyrimidinone.

CP-26154. Anti-ulcerative. *Pfizer Inc.*

6537 Trapenecaine

104485-01-0



(±)-trans-2-(1-Pyrrolidinyl)cyclohexyl

m-(pentyloxy)carbanilate.

pentacaine. Local anesthetic; antiulcerative;

deoxy-D-glucopyranose.

Compound with some antiviral properties. Reported to prevent viral oncogenesis.

6552 Alovudine

25526-93-6

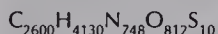


3'-Deoxy-3'-fluorothymidine.

Antiviral agent.

6553 Alvircept Sudotox

137487-62-8



Antiviral agent. Synthetic protein of 59187 daltons.

6554 Amantadine

768-94-5

389

212-201-2



Tricyclo[3.3.1.1^{3,7}]decan-1-amine.

Antiviral agent. *Apothecon*; *DuPont* *Merck Pharmaceutical Co.*; *Solvay Pharmaceuticals*.

6555 Amantadine Hydrochloride

665-66-7

389

211-560-2



Tricyclo[3.3.1.1^{3,7}]decan-1-amine hydrochloride.

Symmadine; Symmetrel. Antiviral agent. *Apothecon*; *DuPont* *Merck Pharmaceutical Co.*; *Solvay Pharmaceuticals*.

6556 Amidapson

3569-77-5

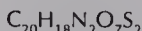


(p-Sulfanilylphenyl)urea.

Antiviral for poultry.

6557 Aranotin

19885-51-9



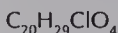
5-(Acetyloxy)-5,5a,13,13a-tetrahydro-13-hydroxy-8H,16H-7a,15a-epidithio-7H,15H-bisoxepino-[3',4':4,5]pyrrolo[1,2-a:1',2'-d]pyrazine-7,15-dione.

Antiviral agent. *Eli Lilly & Co.*

6558 Arildone

56219-57-9

260-066-3

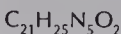


4-[6-(2-Chloro-4-methoxyphenoxy)hexyl]-3,5-heptanedione.

Win-38020. Antiviral agent. *Sterling Winthrop, Inc.*

6559 Ateviridine

136816-75-6

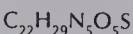


1-[3-(Ethylamino)-2-pyridinyl]-4-[(5-methoxy-1H-indol-2-yl)carbonyl]piperazine.

Antiviral agent.

6560 Ateviridine Mesylate

138540-32-6

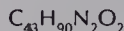


1-[3-(Ethylamino)-2-pyridinyl]-4-[(5-methoxy-1H-indol-2-yl)carbonyl]piperazine monomethanesulfonate.

U-87201E. Antiviral agent.

6561 Avridine

35607-20-6



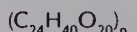
2,2'-[[3-(Dioctadecylamino)propyl]imino]bisethanol.

CP-20961. Antiviral agent. *Pfizer Inc.*

6562 Betasizofiran

39464-87-4

254-464-6

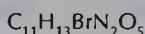


Scleroglucan.

poly[→3(O-β-D-glucopyranosyl-(1→3)-O-(β-D-glucopyranosyl-(1→6)-O-β-D-glucopyranosyl-(1→3)-O-β-D-glucopyranosyl-(1→)]]. Reported to have antiviral properties. Produced by *Sclerotium rolfsii*. Molecular weight about 5×10^6 .

6563 Brivudine

69304-47-8

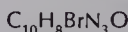


(E)-5-(2-Bromovinyl)-2'-deoxyuridine.

Antiviral agent.

6564 Bropirimine

56741-95-8



2-Amino-5-bromo-6-phenyl-4(3H)-pyrimidinone.

U-54461. Antiviral agent. *Upjohn Ltd.*

6565 Buciclovir

86304-28-1



(R)-9-(3,4-Dihydroxybutyl)guanine.

An antiviral agent.

6566 Celgosivir Hydrochloride

141117-12-6



Octahydro-1,7,8-trihydroxy-6-indolizinyl butanoate hydrochloride.

Antiviral agent. *Hoechst Marion Roussel Inc.*

6567 Cicloxolone

52247-86-6



3β-Hydroxy-11-oxoolean-12-en-30-oic acid hydrogen cis-1,2-cyclohexanedicarboxylate.

Investigated for its antiviral activity.

6568 Cidofovir

149394-66-1



[[2-(4-Amino-2-oxo-1(2H)-pyrimidinyl)-1-(hydroxymethyl)ethoxy)methyl] phosphonic acid dihydrate, (S), dihydrate.

Antiviral agent. *Gilead Sciences, Inc.*

6569 Cidofovir (anhydrous)

113852-37-2

2329



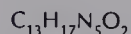
[[2-(4-Amino-2-oxo-1(2H)-pyrimidinyl)-1-(hydroxymethyl)ethoxy)methyl] phosphonic acid dihydrate, (S).

Antiviral agent. Active against cytomegalovirus and herpes simplex virus. mp = 260° (dec); $[\alpha]_D^{25} = -97.3^\circ$ (H₂O, c =

0.8); $\lambda_m = 279$ nm (ϵ 13000). *Gilead Sciences, Inc.*

6570 Cipamfylline

132210-43-6



8-Amino-1,3-bis(cyclopropylmethyl)-3,7-dihydro-1H-purine-2,6-dione.

Antiviral agent. *SmithKline Beecham Pharmaceuticals.*

6571 Citenazone

21512-15-2



5-Formyl-2-thiophenecarbonitrile thiosemicarbazone.

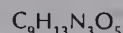
HOE-105. Antiviral developed as chemoprophylactic against smallpox, chicken pox. *Hoechst.*

6572 Cytarabine

147-94-4

2853

205-705-9



4-Amino-1- β -D-arabinofuranosyl-2(1H)-pyrimidinone.

1- β -D-arabinofuranosylcytosine; β -cytosine arabino-side; CHX-3311; U-19920; Alexan; Arabitin; Aracytidine; Aracytine; Ara-C; Cytosar; Cytosar U; Erpalfa; Iretin; Udicil. Antiviral agent. mp = 212-213°; $[\alpha]_D^{23} = 158^\circ$ (c = 0.5, H₂O); $\lambda_m = 281, 212.5$ nm (ϵ 13171, 10230, pH 2). *Pharmacia & Upjohn, Inc. ; Ciba-Geigy Corp.*

6573 Cytarabine Hydrochloride

69-74-9

2853

200-713-9



4-Amino-1- β -D-arabinofuranosyl-2(1H)-pyrimidinone.

NSC-63878. Antiviral agent. A cytotoxic drug. Also has antiviral activity. *Pharmacia & Upjohn, Inc.*

6574 Cytosar-U

147-94-4

2853

205-705-9



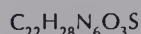
4-Amino-1- β -D-arabinofuranosyl-2(1H)-pyrimidinone.

1- β -D-arabinofuranosylcytosine; β -cytosine arabino-side; CHX-3311; U-19920; Alexan; Arabitin; Aracytidine; Aracytine; Ara-C; Cytosar; Cytosar U; Erpalfa; Iretin; Udicil. Antiviral agent. mp = 212-213°; $[\alpha]_D^{23} = 158^\circ$ (c = 0.5, H₂O); $\lambda_m = 281, 212.5$ nm (ϵ 13171, 10230, pH 2). *Ciba-Geigy Corp.*

6575 Delavirdine

136817-59-9

2929



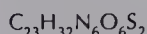
1-[3-[(1-Methylethyl)amino]-2-pyridinyl]-4-[5-[(methylsulfonyl)amino]-1H-indol-2-yl]carbonylpiperazine.

U-90152. Antiviral agent. mp = 226-228°.

6576 Delavirdine Mesylate

147221-93-0

2929



1-[3-[(1-Methylethyl)amino]-2-pyridinyl]-4-[5-[(methylsulfonyl)amino]-1H-indol-2-yl]carbonylpiperazine monomethanesulfonate.

U-90152S; Rescriptor. Antiviral agent. *Bristol-Myers Squibb HIV Products.*

6577 Dendrid

54-42-2

4934

200-207-8

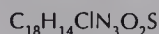


2'-Deoxy-5-iodouridine.

Herplex; Stoxil; Emanil; Idexur; Herpe-Gel; Herplex; Idoxene; Idulea; Iduridin; Kerecid; Ophthalmidine; Virudox. Antiviral agent. mp = 160° (dec), 190-195°, 240°; $[\alpha]_D^{25} = 7.4^\circ$ (H₂O, c = 0.108); $\lambda_m = 288$ nm (log ϵ 3.87, H₂O); LD₅₀ (mus ip) = 1800 mg/kg. *Allergan, Inc.; SmithKline Beecham Pharmaceuticals.*

6578 Denotivir

51287-57-1

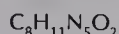


5-Benzamido-4'-chloro-3-methyl-4-isothiazolecarboxanilide.

Antiviral.

6579 Desciclovir

84408-37-7



2-[(2-Amino-9H-purin-9-yl)methoxy]ethanol.

BW-A515U. Antiviral agent.

6580 Didanosine

69655-05-6

3148

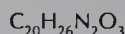


2',3'-Dideoxyinosine.

Videx. Antiviral agent. mp = 160-163°; $\lambda_m = 248$ nm (pH 2), 254 nm (pH 12). *Bristol-Myers Squibb HIV Products.*

6581 Disoxaril

87495-31-6

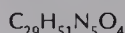


5-[7-[4-(4,5-Dihydro-2-oxazolyl)phenoxy]heptyl]-3-methylisoxazole.

Win-51711. Antiviral agent. *Sterling Winthrop, Inc.*

6582 Droxinavir

159910-86-8



N-Methylglycyl-N-[3-[[[(1,1-dimethylethyl)amino]-carbonyl](3-methylbutyl)amino]-2-hydroxy-1-(phenylmethyl)propyl]-3-methyl-L-valinamide. Antiviral agent.

6583 Droxinavir Hydrochloride

155662-50-3



N-Methylglycyl-N-[3-[[[(1,1-dimethylethyl)amino]-carbonyl](3-methylbutyl)amino]-2-hydroxy-1-(phenylmethyl)propyl]-3-methyl-L-valinamide monohydrochloride.

Antiviral agent.

6584 Edoxudine

15176-29-1

3561

239-226-1

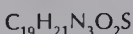


2'-Deoxy-5-ethyluridine.

EDU; EUDR; RWJ-15817; ORF-15817; Aedurid; Edurid. Antiviral agent. Active against Herpes Simplex. mp = 152-153°; $\lambda_m = 267$ nm (ϵ 9610, pH 2), 267 nm (ϵ 7280 pH 1). *Ortho Pharmaceutical, Canada.*

6585 Envirodene

80883-55-2



1-[(1-Methylethyl)sulfonyl]-6-(1-phenyl-1-propenyl)-1H-

benzimidazol-2-amine.
Antiviral agent. *Eli Lilly & Co.*

6586 Enviroxime

72301-79-2 3637
 $C_{17}H_{18}N_4O_3S$
6-[(Hydroxyimino)phenylmethyl]-1-[(1-methylethyl)sulfonyl]-1H-benzimidazol-2-amine.
LY-122772. Antiviral agent. Inhibitor of rhinovirus propagation. mp = 198-199°; λ_m = 254, 285 nm (ϵ 20800, 13200, MeOH). *Eli Lilly & Co.*

6587 Epervudine

60136-25-6
 $C_{12}H_{18}N_2O_5$
2'-Deoxy-5-isopropyluridine.
Antiviral.

6588 Famciclovir

104227-87-4 3971
 $C_{14}H_{19}N_5O_4$
2-[2-(2-Amino-9H-purin-9-yl)ethyl]-1,3-propanediol diacetate (ester).
Famvir; FCV; BRL-42810. Antiviral agent. mp = 102-104°; λ_m 222, 244, 309 nm (ϵ 27500, 4890, 7160 MeOH); soluble in H_2O (>25 g/100 ml), Me_2CO , MeOH; less soluble in EtOH, iPrOH. *SmithKline Beecham Pharmaceuticals*.

6589 Famotidine

18429-78-2
 $C_8H_{15}N_7O_2S_3$
1-[(4-Chlorophenoxy)methyl]-3,4-dihydroisoquinoline.
Pepcid; Pepcid PM; Amfamox; Pepcidine; YM-11170; MK-208; Amfamox; Dispromil; Famodil; Famodine; Famosan; Famoxal; Fanosin; Fibonol; Ganor; Gaster; Gastridin; Gastropen; Ifada; Lecedil; Motiax; Muclox; Nulcerin; Pepcidina; Pepdine; Pepdul; Peptan; Ulcetrax; Ulfamid; Ulfinol. Antiviral agent.

6590 Famotidine Hydrochloride

10500-82-0
 $C_{16}H_{15}Cl_2NO$
1-[(4-Chlorophenoxy)methyl]-3,4-dihydroisoquinoline monohydrochloride.
UK-2054. Antiviral agent.

6591 Felvizumab

167747-20-8
immunoglobulin G1 (human-mouse monoclonal, γ chain anti-respiratory syncytial virus. Antiviral agent. Monoclonal antibody.

6592 Fiacitabine

69123-90-6
 $C_9H_{11}FIN_3O_4$
4-Amino-1-(2-deoxy-2-fluoro- β -D-arabinofuranosyl)-5-iodo-2(1H)-pyrimidinone.
Antiviral agent. *Oclassen Pharmaceuticals, Inc.*

6593 Fialuridine

69123-98-4 4114
 $C_9H_{10}FIN_2O_5$
1-(2-Deoxy-2-fluoro- β -D-arabinofuranosyl)-5-iodo-2,4(1H,3H)-pyrimidinedione.
FIAU. Antiviral agent. Active against hepatitis B. mp =

216-217°.

6594 Floxuridine

50491-9 4148
 $C_9H_{11}FN_2O_5$
2'-Deoxy-5-fluorouridine.
FUDR; NSC-26740. Antiviral and antineoplastic agent. mp = 150-151°; λ_m = 268 nm (ϵ 7570, pH 7.2), 270 nm (ϵ 6480, pH 14); $[\alpha]_D$ = 37° (H_2O), 48.6° (DMF). *Hoffmann-La Roche Inc.*

6595 Fomivirsen

144245-52-3
Antiviral agent. Antisense antiviral agent used in treatment of cytomegalovirus. *Isis Pharmaceuticals, Inc.*

6596 Fomivirsen Sodium

160369-77-7
Antiviral agent. Antisense antiviral agent used in treatment of cytomegalovirus. *Isis Pharmaceuticals, Inc.*

6597 Fosarilate

73514-87-1 277-523-8
 $C_{17}H_{28}ClO_5P$
6-(2-Chloro-4-methoxyphenoxy)hexylphosphonic acid diethyl ester.
Antiviral agent. *Sterling Research Labs.*

6598 Foscarnet Sodium

63585-09-1 4277
 $C_{17}H_{28}ClO_5P$
Dihydroxyphosphinecarboxylic acid oxide trisodium salt. trisodium phosphonoformate; Foscavir; Triapten; EHB-776. Antiviral agent. mp > 250°; LD₅₀ (mus ip) = 384-768 mg/kg. *Astra USA, Inc.; Lederle Labs.*

6599 Fosfonet Disodium [anhydrous]

36983-81-0 253-297-6
 $C_2H_3Na_2O_5P$
Phosphonoacetic acid disodium salt.
Abbott 38642. Antiviral agent.

6600 Fosfonet Disodium Monohydrate

54870-27-8
 $C_2H_3Na_2O_5P \cdot H_2O$
Phosphonoacetic acid disodium salt monohydrate.
Abbott 38642. Antiviral agent.

6601 Fosfonoacetic Acid

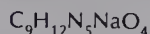
4408-78-0 224-558-1
 $C_2H_3Na_2O_5P$
Phosphonoacetic acid.
Antiviral agent. *Abbott Labs.*

6602 Ganciclovir

82410-32-0 4374
 $C_9H_{13}N_5O_4$
2-Amino-1,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6H-purin-6-one.
Cytovene; RS-21592; BW-759U. Antiviral agent. mp = 248-249° (dec); λ_m = 254 nm (ϵ 12880 MeOH); soluble in H_2O (0.43 g/100 ml at pH 7); LD₅₀ (mus ip) = 1000-2000 Mg/kg. *Syntex International, Ltd.*

6603 Ganciclovir Sodium

107910-75-8 4374



2-Amino-1,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy)methyl]-6H-purin-6-one monosodium salt.

RS-21592 sodium. Antiviral agent. *Syntex International, Ltd.***6604 Herpid**

67-68-5 3308 200-664-3



Dimethyl sulfoxide.

DMSO; SQ-9453; DMS-70; DMS-90; Demavet; Demeso; Dolicur; Domoso; Dromisol; Gamasol 90; Hyadur; Kemsol; Rimso-50; Sclerosol; Somipront; Syntexan.

Antiviral agent. mp = 18.5°; bp = 189°; soluble in H_2O , organic solvents; LD₅₀ (rat orl) = 19690 Mg/kg.**6605 Herplex Liquifilm®**

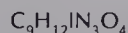
54-42-2 4934 200-207-8



2'-Deoxy-5-iodouridine.

idoxuridine. Antiviral agent. mp = 160° (dec), 190-195°, 240°; $[\alpha]_D^{25} = 7.4^\circ$ (H_2O , c = 0.108); $\lambda_m = 288$ nm (log ϵ 3.87, H_2O); LD₅₀ (mus ip) = 1800 mg/kg.**6606 Ibacitabine**

611-53-0 210-269-8

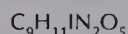


2'-Deoxy-5-iodocytidine.

Antiviral, antiherpes agent.

6607 Idoxuridine

54-42-2 200-207-8



2'-Deoxy-5-iodouridine.

Herplex; Stoxil; Allergan 211; 5IUDR; IDU; SK&F-14287; NSC-39661. Antiviral agent. *Allergan, Inc.; SmithKline Beecham Pharmaceuticals.***6608 Indinavir**

180683-37-8



2,3,5-Trideoxy-N-(2,3-dihydro-2-hydroxy-1H-inden-1-yl)-5-[2-[[[(1,1-dimethylethyl)amino]carbonyl]-4-(3-pyridinylmethyl)-1-piperazinyl]-2-(phenylmethyl)-D-erythropentonamide monohydrate.

Antiviral agent. *Merck & Co., Inc.***6609 Indinavir Sulfate**

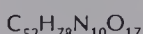
157810-81-6 4979



2,3,5-Trideoxy-N-(2,3-dihydro-2-hydroxy-1H-inden-1-yl)-5-[2-[[[(1,1-dimethylethyl)amino]carbonyl]-4-(3-pyridinylmethyl)-1-piperazinyl]-2-(phenylmethyl)-D-erythropentonamide monohydrate sulfate (1:1) salt.

Crixivan; MK-639; L-735,524. Antiviral agent. mp = 153-154°, 167.5-168°; $[\alpha]_D^{22} = 24.1^\circ$ ($CHCl_3$ c = 0.0133); soluble in H_2O (> 0.15 g/100 ml pH 4). *Merck & Co., Inc.***6610 Inosine Pranobex**

36703-88-5 5006 253-162-1



Inosine mono[4-(acetylamino)benzoate] compound with

1-(dimethylamino)-2-propanol (1:3).

Inosiplex; Methisoprinol; NP-113; NPT-10381; Aviral; Delimmun; Immunoviral; Isoprinolin; Isoprinosina; Isoprinosine; Isoviral; Modimmunol; Pranosina; Pranosine; Viruxan. Antiviral agent and immunomodulator. Soluble in H_2O ; LD₅₀ (mus, rat orl) > 4000 mg/kg.**6611 Kethoxal**

27762-78-3 5310



1,1-Dihydroxy-3-ethoxy-2-butanone.

U-2032. Antiviral agent. bp = 145°; soluble in H_2O , C_6H_6 , EtOH. *Upjohn Ltd.***6612 Lamivudine**

134678-17-4 5365

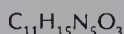


4-Amino-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)pyrimidinone, (2R, cis).

Epivir; GR-109714X. Antiviral agent. mp = 160-162°;

 $[\alpha]_D^{21} = -132^\circ$ (MeOH, c = 1.08). *Glaxo Wellcome Inc.***6613 Lobucavir**

127759-89-1

[1R-(1 α ,2 β ,3 α)]-2-Amino-9-[2,3-bis(hydroxymethyl)cyclobutyl]-1,9-dihydro-6H-purin-6-one.BMS-180194; SQ-34514. Antiviral agent. *Bristol-Myers Squibb HIV Products.***6614 Loviride**

147362-57-0



(±)-2-(6-Acetyl-m-toluidino)-2-(2,6-dichlorophenyl)acetamide.

R-89439. Antiviral agent. *Janssen Pharmaceutical Inc.***6615 Lysozyme Chloride**

9001-63-2 5671 232-620-4

N-Acetylmuramide glycanohydrolase hydrochloride.

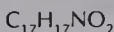
muramidase hydrochloride; Acdeam; Antalzyme; Immunozyma; Lanzyme; Leftose; Likinozym; Lisozyma; Murazyme; Neutase; Neuzyme; Toyolysom-DS. Mucolytic enzyme, acts as an antiviral agent.

6616 Mantadine®

768-94-5 389 212-201-2

Tricyclo[3.3.1.1^{3,7}]decan-1-amine hydrochloride.amantadine hydrochloride. Antiviral agent. *Pfizer International.***6617 Memotine**

18429-69-1



3,4-Dihydro-1-(4-methoxyphenoxy)methyl isoquinoline.

Antiviral agent. *Pfizer Inc.***6618 Memotine Hydrochloride**

10540-97-3



3,4-Dihydro-1-(4-methoxyphenoxy)methyl isoquinoline dihydrochloride.

UK-2371. Antiviral agent. *Pfizer Inc.*

6619 Methisazone

1910-68-5 6057 217-616-2
 $C_{10}H_{10}N_4O_5$
 2-(1,2-Dihydro-1-methyl-2-oxo-3H-indol-3-ylidene)hydrazinecarbothioamide.
 BW-33-T-57; NSC-69811; N-methylisatin 3-thiosemicarbazone; Marboran; Viruzona. Antiviral agent. mp = 245°.

6620 Moroxydine

3731-59-7 6354 223-093-1
 $C_6H_{13}N_5O$
 4-Morpholinecarboximidoylguanidine.
 SKF-8898-A; ABOB; Virusmin. Antiviral agent.

6621 Nelfinavir

159989-64-7
 $C_{32}H_{45}N_3O_4S$
 N-(1,1-Dimethylethyl)decahydro-2-[2-hydroxy-3-[(3-hydroxy-2-methylbenzoyl)amino]-4-(phenylthio)-butylisoquinoline carboxamide.
 Antiviral agent.

6622 Nelfinavir Mesylate

159989-65-8
 $C_{33}H_{49}N_3O_7S_2$
 N-(1,1-Dimethylethyl)decahydro-2-[2-hydroxy-3-[(3-hydroxy-2-methylbenzoyl)amino]-4-(phenylthio)-butylisoquinoline carboxamide monomethanesulfonate.
 Antiviral agent.

6623 Netivudine

84558-93-0
 $C_{12}H_{14}N_2O_6$
 1-β-D-Arabinofuranosyl-5-(1-propynyl)uracil.
 882C87. Antiviral agent.

6624 Nevirapine

129618-40-2 6573
 $C_{15}H_{14}N_4O$
 11-Cyclopropyl-5,11-dihydro-4-methyl-6H-dipyrido[3,2-b:2',3'-e][1,4]diazepin-6-one.
 Viramune. Antiviral agent. Non-nucleoside reverse transcriptase inhibitor, specific to HIV-1. mp = 247-249°; soluble in H_2O at pH < 3, almost insoluble at pH 7. *Boehringer Ingelheim Pharmaceuticals, Inc.*

6625 Palinavir

154612-39-2
 $C_{41}H_{52}N_6O_5$
 [2S-[1[1R*(R*),2S*]-2α,4α-N-[1-[[[3-[2-[(1,1-Dimethylethyl)amino]carbonyl]-4-(4-pyridinylmethoxy)-1-piperidinyl]-2-hydroxy-1-(phenylmethyl)propyl]amino]-carbonyl]-2-methylpropyl]-2-quinolinecarboxamide.
 BILA 2011 BS. Antiviral agent. *Boehringer Ingelheim Pharmaceuticals, Inc.*

6626 Penciclovir

39809-25-1 7210
 $C_{10}H_{15}N_5O_3$
 2-Amino-1,9-dihydro-9-[4-hydroxy-3-(hydroxymethyl)butyl]-6H-purin-6-one.
 BRL-39123. Antiviral agent. mp = 275-277°; λ_m = 253 nm (ϵ 11500, H_2O); soluble in H_2O (0.17 g/100 ml at 20°, pH

7). *SmithKline Beecham Pharmaceuticals.*

6627 Pirodavis

124436-59-5
 $C_{21}H_{27}N_3O_3$
 4-[2-[1-(6-Methyl-3-pyridazinyl)-4-piperidinyl]ethoxy]benzoic acid ethyl ester.
 R-77975. Antiviral agent. *Janssen Pharmaceutical Inc.*

6628 Podophyllotoxin

518-28-5 208-250-4
 $C_{22}H_{22}O_8$
 [5R-(5α,5αβ,8α,9α)]-5,8,8a,9-Tetrahydro-9-hydroxy-5-(3,4,5-trimethoxyphenyl)-furo[3',4':6,7]naphtho[2,3-d]-1,3-dioxol-6(5aH)-one.
 Podofilox. Antiviral agent. mp = 175-177°; $[\alpha]_D^{20}$ = -110.70 (c = 1, $CHCl_3$); soluble in H_2O (0.012 g/100 ml), more soluble in organic solvents; LD₅₀ (rat ip) = 15 mg/kg.

6629 Raluridine

119644-22-3
 $C_9H_{10}ClFN_2O_4$
 5-Chloro-2',3'-dideoxy-3'-fluorouridine.
 935U83. Antiviral agent. *Glaxo Wellcome Inc.*

6630 Retrovir

30516-87-1 10252
 $C_{10}H_{13}N_5O_4$
 3'-Azido-3'-deoxythymidine.
 Zidovudine; AZT; BW-A509U; Compound S; Aztec; Retrovir. Antiviral agent. mp = 106-112°; $[\alpha]_D^{25}$: asid = 99° (c = 0.5 H_2O); λ_m = 266,5 nm (ϵ 11650 H_2O); soluble in H_2O (1-5 g/100 ml), more soluble in organic solvents; LD₅₀ (rat orl) = 3084 mg/kg. *Glaxo Wellcome Inc.*

6631 Ribavirin

36791-04-5 8365
 $C_8H_{12}N_4O_5$
 1-β-D-Ribofuranosyl-1H-1,2,4-triazole-3-carboxamide.
 Virazole. Antiviral agent. A broad spectrum antiviral nucleoside. mp = 166-168°, 174-176°; $[\alpha]_D^{25}$ = -36.5° LD₅₀ (mus ip) = 1300 mg/kg, (rat orl) = 5300 mg/kg. *ICN Pharmaceuticals, Inc.*

6632 Rimantadine

13392-28-4 8390
 $C_{21}H_{21}N$
 α-Methyl-tricyclo[3.3.1.1^{3,7}]-decane-1-methanamine.
 Antiviral agent.

6633 Rimantadine Hydrochloride

1501-84-4 8390
 $C_{15}H_{12}ClNO_2$
 α-Methyl-tricyclo[3.3.1.1^{3,7}]-decane-1-methanamine hydrochloride.
 EXP-126; Flumadine; Meradan; Meradane; Roflual. Antiviral agent. mp = 373-375°.

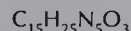
6634 Ritonavir

155213-67-5 8402
 $C_{37}H_{48}N_6O_5S_2$
 10-Hydroxy-2-methyl-5-(1-methylethyl)-1-[2-(1-methylethyl)-4-thiazolylmethyl ester of 2,4,7,12-tetraazatridecan-13-oic acid.

Norvir; A-84538; Abbott 84538; ABT-538. Antiviral agent. *Abbott Labs.*

6635 Rociclovir

108436-80-2



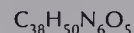
2-Amino-9-[[2-isopropoxy-1-(isopropoxymethyl)ethoxy]-methyl]purine.

Antiviral agent.

6636 Saquinavir

127779-20-8

8516



N^1 -[3-[3-[[[(1,1-Dimethylethyl)amino]carbonyl]octahydro-2(1H)-isoquinoliny]-2-hydroxy-1-(phenylmethyl)propyl]-2-[(2-quinoliny]carbonyl)amino]butanediamide.

Invirase. Antiviral agent. $[\alpha]_{\text{D}}^{20} = -55.9^\circ$ (MeOH, $c = 0.5$); soluble in H_2O (0.22 g/100 ml at 21°). *Hoffmann-LaRoche Inc.*

6637 Saquinavir Mesylate

149845-06-7

8516



N^1 -[3-[3-[[[(1,1-Dimethylethyl)amino]carbonyl]octahydro-2(1H)-isoquinoliny]-2-hydroxy-1-(phenylmethyl)propyl]-2-[(2-quinoliny]carbonyl)amino]butanediamide monomethanesulfonate.

Ro-31-8959/003; Invirase. Antiviral agent. *Hoffmann-LaRoche Inc.*

6638 Somantadine

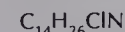
79594-24-4



α,α -Dimethyl tricyclo[3.3.1.1^{3,7}]decan-1-amine. Antiviral agent. *Fisons plc, Pharmaceuticals Div.*

6639 Somantadine Hydrochloride

68693-30-1



Antiviral agent. *Fisons plc, Pharmaceuticals Div.*

6640 Sorivudine

77181-69-2

8875



1- β -D-Arabinofuranosyl-5-(2-bromoethenyl)-2,4(1H,3H)-pyrimidinedione. 5-bromovinyl-araU; Brovavir; Bravavir; BV-araU; BVAU; YN-72; SQ-32756; Usevir. Antiviral agent. mp = 182° , 195 - 200° (dec); $[\alpha]_{\text{D}}^{25} = 0.5^\circ$ (1N NaOH); LD₅₀ (mus ip) = 3300 mg/kg, (mus sc) > 5000 mg/kg, (mus orl) > 10,000 mg/kg. *Bristol-Myers Squibb HIV Products.*

6641 Statolon

11006-77-2

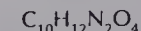
8957

Vistatolon; NSC-71901. Antiviral agent. Polysaccharide antiviral substance. *Eli Lilly & Co.*

6642 Stavudine

3056-17-5

8958



2',3'-Dihydro-3'-deoxythymidine. d4T; BMY-27857; Zerit. Antiviral agent. mp = 165 - 166° ; $[\alpha]_{\text{D}}^{25} = -39.4^\circ$ (H_2O $c = 0.701$); $\lambda_{\text{m}} = 266$ nm (ϵ 10149

H_2O). *Bristol-Myers Squibb HIV Products.*

6643 Steffimycin

11033-34-4

Antibiotic with antiviral activity, produced by *Streptomyces steffisburgensis*. *Upjohn Ltd.*

6644 Stoxil

54-42-2

4934

200-207-8



2'-Deoxy-5-iodouridine.

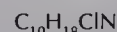
Herplex; Dendrid. Antiviral agent. mp = 160° (dec), 190 - 195° , 240° ; $[\alpha]_{\text{D}}^{25} = 7.4^\circ$ (H_2O , $c = 0.108$); $\lambda_{\text{m}} = 288$ nm ($\log \epsilon$ 3.87, H_2O); LD₅₀ (mus ip) = 1800 mg/kg.

6645 Symmetrel®

665-66-7

389

211-560-2



Tricyclo[3.3.1.1^{3,7}]decan-1-amine hydrochloride. amantadine hydrochloride. Antiviral agent.

6646 Telinavir

143224-34-4



[1S-[1R*(R*),2S*]]-N¹-[3-[[[(1,1-Dimethylethyl)-amino]carbonyl](2-methylpropyl)amino]-2-hydroxy-1-(phenylmethyl)propyl]-2-[(2-quinoliny]carbonyl)-amino]butanediamide.

SC-52151. Antiviral agent. *Searle, G.D., & Co.*

6647 Tilorone

27591-97-5

9581

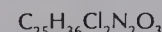


2,7-Bis[2-(diethylamino)ethoxy]-9H-fluoren-9-one. bis-DEAE-fluorenone. Antiviral agent. *Marion Merrell Dow Inc.*

6648 Tilorone Hydrochloride

27591-69-1

9581

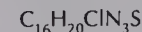


2,7-Bis[2-(diethylamino)ethoxy]-9H-fluoren-9-one dihydrochloride.

NSC-143969. Antiviral agent. mp = 235 - 237° ; $\lambda_{\text{m}} = 269$ nm ($E_{1\text{cm}}^{1\%} = 1600$, H_2O); LD₅₀ (mus orl) = 959 mg/kg, (mus ip) = 145 mg/kg, (rat orl) = 852 mg/kg, (rat ip) = 244 mg/kg.

6649 Tivirapine

137332-54-8



(S)-8-Chloro-4,5,6,7-tetrahydro-5-methyl-6-(3-methyl-2-butenyl)imidazo[4,5,1-jk][1,4]benzodiazepine-2(1H)-thione.

TIBO-R-86183. Non-nucleoside reverse transcriptase inhibitor.

6650 Trecovirsen Sodium

170274-79-0



Gem91. Antiviral agent. *Hybridon Inc.*

6651 Tromantadine

53783-83-8 9901 258-770-0
 $C_{16}H_{28}N_2O_2$
 N-1-Adamantyl-2-[2-(dimethylamino)ethoxy]acetamide.
 Antiviral agent.

6652 Troviridine

149488-17-5
 $C_{13}H_{13}BrN_4S$
 1-(5-Bromo-2-pyridyl)-3-[2-(2-pyridyl)ethyl]-2-thiourea.
 LY-300046-HCl. HIV reverse transcriptase non-nucleoside inhibitor.

6653 Valacyclovir

124832-26-4 10039
 $C_{17}H_{21}NO_3$
 2-[(2-Amino-1,6-dihydro-6-oxo-9H-purin-9-yl)methoxyethyl ester of L-valine].
 256U87; valACV; valaciclovir. Antiviral agent. Prodrug of acyclovir. *Glaxo Wellcome Inc.*

6654 Valacyclovir Hydrochloride

124832-27-5 10039
 $C_{17}H_{22}ClNO_3$
 2-[(2-Amino-1,6-dihydro-6-oxo-9H-purin-9-yl)methoxyethyl ester of L-valine monohydrochloride].
 256U87 hydrochloride; 256U; BW-256U87; BW-256; Valtrex. Antiviral agent. $\lambda_m = 252.8$ nm (ϵ 8250, H_2O); soluble in H_2O (17.4 g/100 ml). *Glaxo Wellcome Inc.*

6655 Vidarabine

24356-66-9
 $C_{10}H_{13}N_5O_4 \cdot H_2O$
 9- β -D-Arabinofuranosyl-9H-purin-6-amine monohydrate.
 Vira-A. Antiviral agent. *Parke-Davis.*

6656 Vidarabine Anhydrous

5536-17-4 10113 226-893-9
 $C_{10}H_{14}N_5O_7P$
 9- β -D-Arabinofuranosyl-9H-purin-6-amine.
 arabinosyladenine; adenine arabinoside; spongo-adenosine; ara-A; CI-673; Arasena-A; Vira-A. Antiviral agent. mp = 257-257.5°; $[\alpha]_D^{27} = -0.5^\circ$ (c = 0.25); $\lambda_m = 259$ nm (ϵ 13400 pH 7); LD₅₀ (mus ip) = 4677 mg/kg, (mus orl) > 7950 mg/kg. *Parke-Davis.*

6657 Vidarabine Phosphate

29984-33-6 249-990-8
 $C_{10}H_{13}N_5O_4$
 9- β -D-Arabinofuranosyl-9H-purin-6-amine phosphate.
 CI-808. Antiviral agent. *Parke-Davis.*

6658 Vidarabine Sodium Phosphate

71002-10-3
 $C_{10}H_{13}N_5O_4$
 9- β -D-Arabinofuranosyl-9H-purin-6-amine phosphate disodium salt.
 CI-808 sodium. Antiviral agent. *Parke-Davis.*

6659 Xenazoic Acid

1174-11-4 10204
 $C_{23}H_{21}NO_4$
 p-[(α -Ethoxy-p-phenylphenacyl)amino]benzoic acid.
 CV-58903; SKF-8318; xanalamine; CV-58903; SKF-8318;

Xenovis. Antiviral agent. mp = 192° (dec).

6660 Zalcitabine

† 7481-89-2 10242
 $C_{19}H_{19}NOS$
 2',3'-Dideoxycytidine.
 Hivid; NSC-606170. Antiviral agent. mp = 215-217°; $[\alpha]_D^{25} = 81^\circ$ (H_2O , c = 0.635); $\lambda_m = 280$ nm (ϵ 17720 0.1N HCl), 270 nm (ϵ 8410 0.1N NaOH). *Hoffmann-LaRoche Inc.*

6661 Zanamivir

139110-80-8
 $C_{12}H_{20}N_4O_7$
 5-(Acetylamino)-4-[(aminoiminomethyl)amino]-2,6-anhydro-3,4,5-trideoxy-D-glycero-D-galacto-non-2-enonic acid.
 GR-121167X. Antiviral agent. *Glaxo Wellcome, UK.*

6662 Zidovudine

30516-87-1 10252
 $C_{10}H_{13}N_5O_4$
 3'-Azido-3'-deoxythymidine.
 AZT; BW-A509U; Compound S; 3'-Azidothymidine; Zidovudine; Retrovir; Azidothymidine; ZVD; ZDV; 3-azido-3-deoxythymidine. Antiviral agent. mp = 106-112°; soluble in H_2O (1.5 g/100 ml at 17°). *Glaxo Wellcome Inc.*

6663 Ziniviroxime

72301-78-1
 $C_{17}H_{18}N_4O_3S$
 6-[(Hydroxyimino)phenylmethyl]-1-[(1-methylethyl)sulfonyl]-1H-benzimidazol-2-amine.
 Viroxime. Antiviral agent. *Eli Lilly & Co.*

6664 Abecarnil

111841-85-1 2
 $C_{24}H_{24}N_2O_4$
 Isopropyl-6-(benzyloxy)-4-(methoxymethyl)-9H-pyrido[3,4-b]indole-3-carboxylate.
 ZK-112119. Anxiolytic. mp = 150-151°. *Schering AG.*

Anxiolytics

6665 Acepromazine

61-00-7 32 200-496-0
 $C_{19}H_{22}N_2OS$
 10-[3-(Dimethylamino)propyl]-10H-phenothiazin-2-yl methyl ketone.
 acetazine; acetopromazine; acetylpromazine; 1522-CB; Vetranquil. Sedative, used as a veterinary tranquilizer. bp_{0.5} = 220-240°.

6666 Acepromazine Maleate

3598-37-6 32 222-748-9
 $C_{23}H_{26}N_2O_5S$
 10-[3-(Dimethylamino)propyl]-10H-phenothiazin-2-yl methyl ketone maleate.
 Atravet; Calmivet; Notensil; Plegicil; Sedalin; Soprontin. Sedative, used as a veterinary tranquilizer. mp = 135-136°; soluble in H_2O ; LD₅₀ (rat orl) = 130 mg/kg, (rat iv) = 70 mg/kg (calculated as free base).

6667 Aceprometazine

13461-01-3 236-661-9
 $C_{19}H_{22}N_2OS$
 10-[2-(Dimethylamino)propyl]phenothiazin-2-yl methyl ketone.
 Anxiolytic.

6668 Adatanserin

127266-56-2
 $C_{21}H_{31}N_5O$
 N-[2-[4-(2-Pyrimidinyl)-1-piperazinyl]ethyl]-1-adamantanecarboxamide.
 WY-50324. Anxiolytic and antidepressant. *Wyeth-Ayerst Labs.*

6669 Adatanserin Hydrochloride

144966-96-1
 $C_{21}H_{32}ClN_5O$
 N-[2-[4-(2-Pyrimidinyl)-1-piperazinyl]ethyl]-1-adamantanecarboxamide monohydrochloride.
 WY-50324HCl. Anxiolytic and antidepressant. *Wyeth-Ayerst Labs.*

6670 Adinazolam

37115-32-5 159
 $C_{19}H_{18}ClN_5$
 8-Chloro-1-[(dimethylamino)methyl]-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine.
 Antidepressant with anxiolytic properties. Sedative. mp = 171-172.5°. *Upjohn Ltd.; Ciba-Geigy Corp.*

6671 Adinazolam Mesylate

57938-82-6 159
 $C_{20}H_{22}ClN_5O_3S$
 8-Chloro-1-[(dimethylamino)methyl]-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine monomethanesulfonate.
 adinazolam monomethanesulfonate; Deracyn.
 Antidepressant. mp = 230-244°. *Upjohn Ltd.; Ciba-Geigy Corp.*

6672 Alpidem

82626-01-5 318
 $C_{21}H_{23}Cl_2N_3O$
 6-Chloro-2-(p-chlorophenyl)-N,N-dipropylimidazo[1,2-a]pyridine-3-acetamide.
 SL 80.0342-00. Anxiolytic. mp = 140-141°. *Synthelabo Pharmacie.*

6673 Alprazolam

28981-97-7 320 249-349-2
 $C_{17}H_{13}ClN_4$
 8-Chloro-1-methyl-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine.
 Xanax; U-31889. Sedative-hypnotic mp = 228-228.5°; λ_m = 222 nm (ϵ 40250 EtOH); soluble in EtOH, insoluble in H_2O ; LD₅₀ (mus orl) = 1020 mg/kg, (mus ip) = 540 mg/kg, (rat orl) > 2000 mg/kg, (rat ip) = 610 mg/kg. *Pharmacia & Upjohn, Inc.*

6674 Amperozide

75558-90-6 619
 $C_{23}H_{29}F_2N_3O$
 4-[4,4-Bis(p-fluorophenyl)butyl]-N-ethyl-1-piperazinecarboxamide.
 FG-5606; Hognax. Used in veterinary medicine as an

anti-aggressive.

6675 Amperozide Hydrochloride

75529-73-6 619
 $C_{23}H_{30}ClF_2N_3O$
 4-[4,4-Bis(p-fluorophenyl)butyl]-N-ethyl-1-piperazinecarboxamide hydrochloride.
 Used in veterinary medicine as an anti-aggressive. mp = 177-178°.

6676 Avizafone

65617-86-9
 $C_{22}H_{27}ClN_4O_3$
 2'-Benzoyl-4'-chloro-2-[(S)-2,6-diaminohexanamido]-N-methylacetanilide.
 Ro-03-7355/000; Pro-diazepam. Anticonvulsant and anxiolytic. *Hoffmann-LaRoche Inc.*

6677 Azacyclonol

115-46-8 925 204-092-5
 $C_{18}H_{21}NO$
 α,α -Diphenyl-4-piperidinemethanol.
 Diphenyl-4-piperidylmethanol; MER-17; Psychosan; Frenoton; Ataractan; Calmeran. Anxiolytic. Anxiolytic.
 mp = 160-161°; LD₅₀ (mus orl) = 650 mg/kg. *Marion Merrell Dow Inc.*

6678 Azacyclonol Hydrochloride

1798-50-1 925 217-284-9
 $C_{18}H_{22}ClNO$
 α,α -Diphenyl-4-piperidinemethanol hydrochloride.
 Frenquel. Anxiolytic. Anxiolytic. mp = 283-285°; soluble in H_2O . *Marion Merrell Dow Inc.*

6679 Azapetine

146-36-1 205-667-3
 1-Allyl-2,7-dihydro-3,4:5,6-dibenzazepine.

6680 Benzoctamine

17243-39-9 1117
 $C_{18}H_{19}N$
 N-Methyl-9,10-ethanoanthracene-9(10H)-methylamine.
 Anxiolytic and skeletal muscle relaxant.

6681 Benzoctamine Hydrochloride

10085-81-1 1117 233-216-0
 $C_{18}H_{20}ClN$
 N-Methyl-9,10-ethanoanthracene-9(10H)-methylamine hydrochloride.
 Ba-30803; Tacitin. Anxiolytic and skeletal muscle relaxant. mp = 320-322°; LD₅₀ (rat orl) = 700 $\pm$ 170 mg/kg.

6682 Binospirone

102908-59-8
 $C_{20}H_{26}N_2O_4$
 ($\pm$)-N-[2-[(1,4-Benzodioxan-2-ylmethyl)amino]ethyl]-1,1-cyclopentanediacetamide.
 Anxiolytic and skeletal muscle relaxant. *Marion Merrell Dow Inc.*

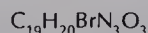
6683 Binospirone Mesylate

124756-23-6
 $C_{21}H_{30}N_2O_7S$
 ($\pm$)-N-[2-[(1,4-Benzodioxan-2-ylmethyl)amino]ethyl]-1,1-

cyclopentanediacetamide monomethanesulfonate.
MDL-73005EF. Anxiolytic and skeletal muscle relaxant.
Marion Merrell Dow Inc.

6684 Bretazenil

84379-13-5



tert-Butyl (S)-8-bromo-11,12,13,13a-tetrahydro-9-oxo-9H-imidazo[1.5-a]pyrrolo[2,1-c][1,4]benzodiazepine-1-carboxylate.

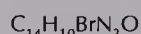
Ro-16-6028/000. Anxiolytic. *Hoffmann-LaRoche Inc.*

6685 Bromazepam

1812-30-2

1406

217-322-4



7-Bromo-1,3-dihydro-5-(2-pyridyl)-2H-1,4-benzodiazepin-2-one.

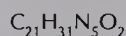
7-Bromo-5-(2-pyridyl)-3H-1,4-benzodiazepin-2(1H)-one; Ro-5-3350; Compendium; Creosedin; Durazanyl; Lexomil; Lexotan; Lexotanil; Normoc. Anxiolytic, used as a minor tranquilizer. Proprietary preparation of bromazepam; a benzodiazepine with anxiolytic properties. mp = 237-238°; LD₅₀ (rat,orl) = 3050 mg/kg. *Roche Products Ltd.; Roche Puerto Rico.*

6686 Buspirone

36505-84-7

1528

253-072-2



N-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-1,1-cyclopentanediacetamide hydrochloride.

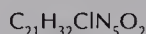
Non benzodiazepine anxiolytic, used as a minor tranquilizer. *Mead Johnson Pharmaceuticals.*

6687 Buspirone Hydrochloride

33386-08-2

1528

251-489-4



N-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-1,1-cyclopentanediacetamide hydrochloride.

Ansial; Ansiced; Axoren; Bespar; Buspar; Buspimem; Buspinol; Buspisal; Censpar; Lucelan; Narol; Travin. Non benzodiazepine anxiolytic, used as a minor tranquilizer. mp = 201.5-202.5°; LD₅₀ (rat ipr) = 136 mg/kg. *Mead Johnson Pharmaceuticals.*

6688 Camazepam

36104-80-0

1773

252-866-6



7-Chloro-1,3-dihydro-3-hydroxy-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one dimethylcarbamate (ester).

SB-5833; Albego. Anxiolytic. mp = 173-174°; soluble in EtOH, less soluble in H₂O; LD₅₀ (mus orl) = 970 mg/kg, (rat orl) > 4000 mg/kg.

6689 Canbisol

56689-43-1



(±)-3-(1,1-Dimethylheptyl)-6aβ,7,8,9,10,10α-hexahydro-6,6-dimethyl-6H-dibenzo[b,d]pyran-1,9-diol.

A cannabinoid-related anxiolytic.

6690 Captodiamine

486-17-9

1816

207-629-1



2-(p-Butylthio)-α-phenylbenzylthio]-N,N-dimethylethylamine.

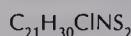
captodiamine; captodiam; captodramin. Anxiolytic.

6691 Captodiamine Hydrochloride

904-04-1

1816

212-992-4



2-(p-Butylthio)-α-phenylbenzylthio]-N,N-dimethylethylamine hydrochloride.

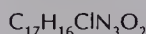
captodiamine hydrochloride; Covatine; Covatix; Suvren.

Anxiolytic. mp = 131-132°; LD₅₀ (mus ip 96 hr) = 180 mg/kg, (mus orl 96 hr) = 1630 mg/kg, (rat ip 96 hr) = 343 mg/kg, (rat orl 96 hr) = 3800 mg/kg.

6692 Carburazepam

59009-93-7

261-555-4



7-Chloro-1,2,3,5-tetrahydro-1-methyl-2-oxo-5-phenyl-4H-1,4-benzodiazepine-4-carboxamide.

(S)-uxepam. An anxiolytic structurally related to chlordiazepoxide.

6693 Chlordiazepoxide

58-25-3

2132

200-371-0



7-Chloro-2-(methylamino)-5-phenyl-3H-1,4-benzodiazepin 4-oxide.

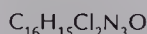
Abboxide; Librelease; Libritabs; Limbitrol; Menrium; methaminodiazepoxide; Clopoxide; Helogaphen; Mulum; Risolid; Silibrin; Tropium. Anxiolytic. mp = 236-236.5°. *Abbott Labs.; Roche Puerto Rico.*

6694 Chlordiazepoxide Hydrochloride

438-41-5

2132

207-117-8



7-Chloro-2-(methylamino)-5-phenyl-3H-1,4-benzodiazepin 4-oxide hydrochloride.

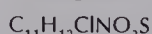
A-Poxide; Librium; SK-Lygen; Librax; Ro-5-0690; NSC-115748; Ansical; Balance; Benzodiapin; Cebrium; Corax; Disarim; Elenium; Equibral; Labican; Lentotran; Librium; O.C.M.; Psichial; Psicoterina; Reliberan; Seren Vita; Viansin; . Anxiolytic. mp = 213°; soluble in H₂O (0.15 g/100 ml). *Abbott Labs.; Roche Puerto Rico; Parke-Davis; SmithKline Beecham Pharmaceuticals.*

6695 Chlormezanone

80-77-3

2155

201-307-4



2-(p-Chlorophenyl)-tetrahydro-3-methyl-4H-1,3-thiazin-4-one 1,1-dioxide.

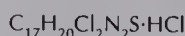
Trancopal; Alinam; dichlormezanone; chlormethazanone; Banabin-Sintyal; Fenarol; Lobak; Mio-Sed; Rexan; Rilansyl; Rilaquil; Rilazol; Supotran; Suprotran; Tanafol; Trancote; Transanate. Anxiolytic and skeletal muscle relaxant. mp = 116.2-118.2°; soluble in H₂O (< 0.25 g/100 ml), EtOH (< 1 g/100 ml). *Sterling Winthrop, Inc.*

6696 Chlorpromazine Hydrochloride

69-09-0

2238

200-701-3



2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine hydrochloride.

Chloractil; Promapar; Thorazine; Hebanil; Hibanil; Hibernol; Klorpromex; Largactil; Largaktyl; Megaphen; Promacid; Chloractil; Chlorazin; Sonazine; Marazine; Propaphenin; Taroctyl; Torazina. Anti-emetic and antipsychotic. A proprietary preparation of

chlorpromazine hydrochloride; used in veterinary medicine as a tranquilizer. mp = 179 -180°; soluble in H₂O (40 g/100 ml), MeOH, EtOH, CHCl₃, insoluble in C₆H₆, Et₂O; LD₅₀ (rat orl) = 225 mg/kg. *Elkins-Sinn; Pfizer Inc.; SmithKline Beecham Pharmaceuticals; DDSA Pharmaceuticals Ltd.; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

6697 Cicalotizolam

58765-21-2

C₂₀H₁₈BrClN₄S

2-Bromo-4-(o-chlorophenyl)-9-cyclohexyl-6H-thieno[3,2-f]-s-triazolo[4,3-a][1,4]diazepine.

We-973-BS. Anxiolytic.

6698 Clazolam

7492-29-7

C₁₈H₁₇ClN₂O

2-Chloro-5,9,10,14b-tetrahydro-5-methylisoquino[2,1-d][1,4]-benzodiazepin-6(7H)-one.

41-123. Anxiolytic and anticonvulsant. Used as a minor tranquilizer. *Sandoz Pharmaceuticals Corp.***6699 Clobazam**

22316-47-8

2417

244-908-7

C₁₆H₁₃ClN₂O₂

7-Chloro-1-methyl-5-phenyl-1H-1,5-benzodiazepine-2,4(3H,5H)-dione.

Urbanyl; HR-376; H-4723; LM-2717; Frisium; Urbadan. Anxiolytic and anticonvulsant. Used as a minor tranquilizer. mp = 166 -168°. *Hoechst-Roussel Pharmaceuticals Inc.***6700 Clorazepate Dipotassium**

57109-90-7

2465

260-565-6

C₁₆H₁₁ClK₂N₂O₄

Potassium 7-chloro-2,3-dihydro-2-oxo-5-phenyl-1H-1,4-benzodiazepine-3-carboxylate compound with KOH (1:1).

Tranxene; 4306 CB; Abbott 35616; Belseren; Mendon; Tranxilene; Tranxilium; Transene. Anxiolytic and anticonvulsant. Used as a minor tranquilizer. Poorly soluble in EtOH; insoluble in Et₂O, CHCl₃; λ_m = 231, 311 nm (ε 33500, 2450 H₂O); LD₅₀ (mus orl) = 700 mg/kg, (mus ip) = 290 mg/kg, (rat orl) > 1000 mg/kg. *Abbott Labs.; Clin-Byla.***6701 Clorazepate Monopotassium**

5991-71-9

2465

227-817-7

C₁₆H₁₀ClKN₂O₃

Potassium 7-chloro-2,3-dihydro-2-oxo-5-phenyl-1H-1,4-benzodiazepine-3-carboxylate.

4311 CB; Abbott 39083; Azene. Anxiolytic. Used as a minor tranquilizer. *Abbott Labs.; Clin-Midy.***6702 Clorazepic Acid**

20432-69-3

2465

C₁₆H₁₁ClN₂O₃

7-Chloro-2,3-dihydro-2-oxo-5-phenyl-1H-1,4-benzodiazepine-3-carboxylic acid.

Anxiolytic. Used as a minor tranquilizer. *Abbott Labs.; Clin-Midy.***6703 Clotiazepam**

33671-46-4

2477

251-627-3

C₁₆H₁₅ClN₂OS

5-(o-Chlorophenyl)-7-ethyl-1,3-dihydro-1-methyl-2H-thieno[2,3-e]-1,4-diazepin-2-one.

Y-6047; Clozan; Rise; Rize; Tienor; Trecalmo; Veratran. A thienodiazepine anxiolytic. mp = 105-106°;

LD₅₀ (mus orl) = 636 mg/kg, (mus ip) = 440 mg/kg.**6704 Cloxazolam**

24166-13-0

2481

C₁₇H₁₄Cl₂N₂O₂

10-Chloro-11b-(o-chlorophenyl)-2,3,7,11b-tetrahydro-oxazolo[3,2-d][1,4]benzodiazepin-6(5H)-one.

CS-370; Betavel; Enadel; Lubalix; Olcadil; Sepazon; Tolestan. mp = 202-204°; soluble in glacial AcOH;

sparingly soluble in CHCl₃; slightly soluble in Me₂CO, dehydrated EtOH, EtOAc, C₆H₆; insoluble in H₂O; LD₅₀ (mus, orl) = 3300 mg/kg, (mus ip) > 2000 mg/kg.**6705 Cyclarbamate**

5779-54-4

2772

227-302-7

C₂₁H₂₄N₂O₄

1,1-Cyclopentanedimethanol dicarbanilate.

C-1428; BSM-906M; Calmalone; Casmalon. Anxiolytic and skeletal muscle relaxant. mp = 151-152°; insoluble in H₂O; slightly soluble in EtOH, glycerol, propylene glycol. *Lab. Cassenne.***6706 Cyclobenzaprine**

303-53-7

2782

206-145-8

C₂₀H₂₁NN,N-Dimethyl-5H-dibenzo[a,d]cycloheptene-Δ^{5,σ}-propylamine.MK-130. Anxiolytic and skeletal muscle relaxant. bp₁ = 175-180°; λ_m = 224, 289 nm (log ε 4.57, 4.02). *Merck & Co., Inc.; Apothecon.***6707 Cyclobenzaprine Hydrochloride**

6202-23-9

2782

228-264-4

C₂₀H₂₂ClNN,N-Dimethyl-5H-dibenzo[a,d]cycloheptene-Δ^{5,σ}-propylamine hydrochloride.Flexeril; Flexiban®. Anxiolytic and skeletal muscle relaxant. mp = 216-218°; soluble in H₂O (> 20 g/100ml), soluble in MeOH, EtOH, less soluble in iPrOH, CHCl₃, CH₂Cl₂; insoluble in hydrocarbons; λ_m = 226, 295 nm (ε 52300, 12000); LD₅₀ (mus iv) = 35 mg/kg, (mus orl) = 250 mg/kg. *Merck & Co., Inc.; Apothecon.***6708 Delorazepam**

2894-67-9

C₁₅H₁₀Cl₂N₂O

7-Chloro-5-(o-chlorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one.

Anxiolytic.

6709 Demoxepam

963-39-3

213-515-2

C₁₅H₁₁ClN₂O₂

7-Chloro-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one 4-oxide.

Ro-5-2092; NSC-46007. Anxiolytic, used as a minor tranquilizer. *Hoffmann-LaRoche Inc.*

6710 Deramciclane

120444-71-5

 $C_{20}H_{31}NO$

N,N-Dimethyl-2-[[[(1R,2S,4R)-2-phenyl-2-bornyl]-oxy]ethylamine.

Anxiolytic.

6711 Dexmedetomidine

113775-47-6

5830

 $C_{13}H_{16}N_2$

(±)-4-[(S)-α,2,3-Trimethylbenzyl]imidazole.

MPV-1440; dexmedetomidine; (S)-medetomidine. Anxiolytic with sedative and analgesic properties. *Farmos Group Ltd.***6712 Diazepam**

439-14-5

3042

207-122-5

 $C_{16}H_{13}ClN_2O$

7-Chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one.

Alupram; Valium; Valrelease; LA 111; Ro- 5-2807; Wy-3467; NSC-77518; Apaurin; Atensine; Atilen; Bialzepam; Calmpose; Ceregular; Dialar; Diazemuls; Dipam; Eridan; Eurosan; Evacalm; Faustan; Gewacalm; Horizon; Lamra; Lembrol; Levium; Mandrozep; Neurolytril; Noan; Novazam; Paceum; Pacitran; Paxate; Poxel; Pro-Pam; Q-Pam; Relanium; Sedapam; Seduxen; Servizepam; Setonil; Solis; Stesolid; Tranquase; Tranquo-Puren; Tranquo-Tablinen; Unisedil; Valaxona; Valiquid; Valium; Valrelease; Vival; Vivol. Anxiolytic and skeletal muscle relaxant. Pharmaceutical preparation for the treatment of depression. mp = 125-126°; soluble in DMF, $CHCl_3$, C_6H_6 ; Me_2CO , EtOH; slightly soluble in H_2O ; LD₅₀ (rat orl) = 710 mg/kg. *Hoffmann-LaRoche Inc.*; *Berk Pharmaceuticals Ltd.*

6713 Divaplon

90808-12-1

 $C_{17}H_{17}N_3O_2$

6-Ethyl-7-methoxy-5-methylimidazo[1,2-a]pyrimidin-2-yl phenyl ketone.

GABA receptor agonist. Anxiolytic.

6714 Emylcamate

78-28-4

3604

201-101-4

 $C_7H_{15}NO_2$

3-Methyl-3-pentanol carbamate.

KABI 925; MK-250; JD-91; Nuncital; Restetal; Statran; Striatran. Anxiolytic. Antibacterial. mp = 56 - 58.5°; bp_{1.0} = 35°; soluble in H_2O (0.4 g/100 ml); freely soluble in EtOH, Et_2O , C_6H_6 , glycol ethers. *E. Merck*; *Kabi*.

6715 Enciprazine

68576-86-3

3610

 $C_{23}H_{32}N_2O_6$

(±)-4-(o-Methoxyphenyl)-α-[(3,4,5-trimethoxyphenoxy)-methyl]-1-piperazineethanol.

Anxiolytic, used as a minor tranquillizer. *Wyeth-Ayerst Labs.*; *C.M. Industries*.**6716 Enciprazine Hydrochloride**

68576-88-5

3610

271-509-5

 $C_{23}H_{34}Cl_2N_2O_6$

(±)-4-(o-Methoxyphenyl)-α-[(3,4,5-trimethoxyphenoxy)-methyl]-1-piperazineethanol dihydrochloride.

WY-48624; D-13112. Anxiolytic, used as a minor tranquillizer. mp = 196-197°. *Wyeth-Ayerst Labs.*; *C.M. Industries*.

6717 Eniprazole

31729-24-5

 $C_{16}H_{21}ClN_4$

1-(o-Chlorophenyl)-4-[2-(1-methylpyrazol-4-yl)ethyl]-piperazine.

Anxiolytic.

6718 Ethyl loflazepate

29177-84-2

3867

249-489-4

 $C_{18}H_{14}ClFN_2O_3$

Ethyl 7-chloro-5-(o-fluorophenyl)-2,3-dihydro-2-oxo-1H-1,4-benzodiazepine-3-carboxylate.

CM-6912; Meilax; Victan. Anxiolytic. mp = 193-194°. *Hoffmann-LaRoche Inc.***6719 Etifoxine**

21715-46-8

3910

 $C_{17}H_{17}ClN_2O$

6-Chloro-2-(ethylamino)-4-methyl-4-phenyl-4H-3,1-benzoxazine.

36-801; HOE-36801. Psychotropic agent with anxiolytic and anticonvulsant activity. mp = 90-92°; λ_m = 273 nm (ϵ 21200 EtOH); LD₅₀ (mus orl) = 12000 mg/kg. *Hoechst*.

6720 Etifoxine Hydrochloride

56776-32-0

3910

260-380-0

 $C_{17}H_{18}Cl_2N_2O$

6-Chloro-2-(ethylamino)-4-methyl-4-phenyl-4H-3,1-benzoxazine hydrochloride.

Stresam. Psychotropic agent with anxiolytic and anticonvulsant activity. mp = 150-151°. *Hoechst*.**6721 Etizolam**

40054-69-1

3919

 $C_{17}H_{15}ClN_4S$

4-(o-Chlorophenyl)-2-ethyl-9-methyl-6H-thieno[3,2-f]-s-triazolo[4,3-a][1,4]diazepine.

Y-7131; Depas. Anxiolytic. mp = 147-148°; LD₅₀ (mrat orl) = 3619 mg/kg, (mrat ip) = 865, (frat orl) = 3509 mg/kg, (frat ip) = 825 mg/kg, (mmus orl) = 4358 mg/kg, (mmus ip) = 830 mg/kg, (fmus orl) = 4258 mg/kg, (fmus ip) = 783 mg/kg, (rat mus sc) > 5000 mg/kg. *Yoshitomi*.

6722 Flesinoxan

98206-10-1

4138

 $C_{22}H_{26}FN_3O_4$

(±)-(S)-p-Fluoro-N-[2-[4-[2-(hydroxymethyl)-1,4-benzodioxan-5-yl]-1-piperazinyl]ethyl]benzamide.

Anxiolytic. Serotonin 5-HT_{1A} receptor agonist. *Solvay Duphar B.V.***6723 Flesinoxan Hydrochloride**

98205-89-1

4138

 $C_{22}H_{27}ClFN_3O_4$

(±)-(S)-p-Fluoro-N-[2-[4-[2-(hydroxymethyl)-1,4-benzodioxan-5-yl]-1-piperazinyl]ethyl]benzamide hydrochloride.

DU-29373. Anxiolytic. Serotonin 5-HT_{1A} receptor agonist. mp = 184.5 - 185.5°, 183 - 184°; $[\alpha]_D$ = 25° (c = 1 MeOH); freely soluble in H_2O , sparingly soluble in

EtOH. *Solvay Duphar B.V.*

6724 Fludiazepam

3900-31-0

4164

$C_{16}H_{12}ClFN_2O$

7-Chloro-5-(o-fluorophenyl)-1,3-dihydro-1-methyl-2H-1,4-benzodiazepin-2-one.

ID-540; Ro-5-3438; Erispan. Anxiolytic. mp = 88-92°, 69-

72°; LD₅₀ (mus orl) = 910 mg/kg, (mus ip) = 360 mg/kg, (mus sc) = 1150 mg/kg. *Hoffmann-LaRoche Inc.*

6725 Fluoresone

2924-67-6

4197

220-889-0

$C_8H_9FO_2S$

Ethyl p-fluorophenyl sulfone.

Bripadon; Caducid. Anxiolytic with analgesic and anticonvulsant properties. mp = 41°; LD₅₀ (mus orl) = 2500 mg/kg, 850 mg/kg, 542 mg/kg.

6726 Flutazolam

27060-91-9

4243

$C_{19}H_{18}ClFN_2O_3$

10-Chloro-11b-(o-fluorophenyl)-2,3,7,11b-tetrahydro-oxazolo[3,2-d][1,4]benzodiazepin-6(5H)-one.

MS-4101; Ro-7-6102; Coreminal. Anxiolytic. mp = 142-147°; soluble in $CHCl_3$, EtOH; less soluble in Me_2CO ,

C_6H_6 , MeOH; insoluble in H_2O . *Hoffmann-LaRoche Inc.*

6727 Flutoprazepam

25967-29-7

4245

$C_{19}H_{16}ClFN_2O$

7-Chloro-1-(cyclopropylmethyl)-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one.

KB-509; ID-1937; Restar; Restas. Anxiolytic. mp = 118-122°; LD₅₀ (mmus orl) = 2640 mg/kg, (mmus ip) = 2400 mg/kg, (fmus orl) = 2430 mg/kg, (fmus ip) = 2110 mg/kg, (mrat orl) = 13760 mg/kg, (mrat ip) = 2460 mg/kg, (frat orl) = 10060 mg/kg, (frat ip) = 2230 mg/kg, (mus rat sc) > 5000 mg/kg. *Sumitomo.*

6728 Fluvoxamine

54739-18-3

4251

$C_{15}H_{21}F_3N_2O_2$

5-Methoxy-4'-(trifluoromethyl)-valerophenone.

Anxiolytic and antiobsessional agent. Inhibits uptake of 5-hydroxytryptamine. *Solvay Duphar B.V.*

6729 Fluvoxamine Maleate

61718-82-9

4251

$C_{19}H_{25}F_3N_2O_6$

5-Methoxy-4'-(trifluoromethyl)-valerophenone maleate.

Fevarin 50; DU-23000; MK-264; Dumirox; Faverin; Fevarin; Floxyfral; Floxifral; Luvox; Maveral. Anxiolytic and antiobsessional agent. Inhibits uptake of 5-hydroxytryptamine. mp = 120-121.5°. *Solvay Duphar B.V.*

6730 Gepirone

83928-76-1

$C_{19}H_{29}N_5O_2$

3,3-Dimethyl-1-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]glutarimide.

Anxiolytic. *Bristol Myers Squibb Pharmaceuticals Ltd.*

6731 Gepirone Hydrochloride

83928-66-9

$C_{19}H_{26}ClN_5O_2$

3,3-Dimethyl-1-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]glutarimide monohydrochloride.

BMV-13805-1. Anxiolytic. *Bristol Myers Squibb Pharmaceuticals Ltd.*

6732 Girisopam

82230-53-3

$C_{18}H_{17}ClN_2O_2$

1-(m-Chlorophenyl)-7,8-dimethoxy-4-methyl-5H-2,3-benzodiazepine.

Anxiolytic.

6733 Glemanserin

107703-78-6

$C_{20}H_{25}NO$

1-Phenethyl- α -phenyl-4-piperidinemethanol.

MDL-11939. Anxiolytic. *Marion Merrell Dow Inc.*

6734 ($\pm$)-Glemanserin

132553-86-7

$C_{20}H_{25}NO$

($\pm$)-1-Phenethyl- α -phenyl-4-piperidinemethanol.

MDL-11939. Anxiolytic. *Marion Merrell Dow Inc.*

6735 Glutamic Acid

56-86-0

4477

200-293-7

$C_5H_9NO_4$

(S)-2-Aminopentanedioic acid.

L-glutamic acid; α -aminoglutaric acid; 1-aminopropane-1,3-dicarboxylic acid; Glutacid; Glutaminol; Glutaton. The magnesium salt hydrobromide is used as an anxiolytic. mp = 160° (dec); $[\alpha]_D^{22.4} = 31.4^\circ$ (6N HCl); soluble in H_2O (8.6 g/l at 25°), insoluble in organic solvents.

6736 Halazepam

23092-17-3

4619

245-425-4

$C_{17}H_{12}ClF_3N_2O$

7-Chloro-1,3-dihydro-5-phenyl-1-(222,2,2-trifluoroethyl)-2H-1,4-benzodiazepin-2-one.

Paxipam; Sch-12041. Anxiolytic with sedative and hypnotic properties. mp = 164-166°; LD₅₀ (mus orl) > 4000 mg/kg. *Schering Corp.*

6737 Hydroxyphenamate

50-19-1

4884

200-017-5

$C_{11}H_{15}NO_3$

2-Phenyl-1,2-butanediol 1-carbamate.

Al-0361; P-301; NSC-108034; Oxyfenamate; Listica. Anxiolytic used as a minor tranquillizer. mp = 55-56.5°; soluble in H_2O (2.5 g/100 ml); LD₅₀ (mus orl) = 830 mg/kg. *Armour Pharmaceuticals.*

6738 Hydroxyzine

68-88-2

4897

200-693-1

$C_{21}H_{27}ClN_2O_2$

2-[2-[4-(p-Chloro α -phenylbenzyl)-1-piperazinyl]ethoxy]ethanol.

UCB-4492; Tran-Q; Tranquizine. Anxiolytic and antihistaminic. Has been used as a minor tranquillizer. *Pfizer Inc.*

6739 Hydroxyzine Hydrochloride

2192-20-3 4897 218-586-3
 $C_{21}H_{29}Cl_3N_2O_2$
 2-[2-[4-(p-Chloro α -phenylbenzyl)-1-piperazinyl]ethoxy]-ethanol dihydrochloride.
 Alamon; Atarax; Aterax; Durrax; Orgatraz; Quiess; ; QYS; Vistaril Parenteral; Marax. Anxiolytic and antihistaminic. Has been used as a minor tranquillizer. mp = 193°; soluble in H_2O (<70 g/100 ml), $CHCl_3$ (6 g/100 ml), Me_2CO (0.2 g/100 ml), Et_2O (< 0.01 g/100 ml); LD₅₀ (rat ip) = 126 mg/kg, (rat orl) = 950 mg/kg. *Elkins-Sinn; KV Pharmaceutical; Forest Pharmaceuticals Inc.; Pfizer Inc.; Roerig Div., Pfizer Pharmaceuticals.*

6740 Hydroxyzine Pamoate

10246-75-0 4897 233-582-1
 $C_{44}H_{43}ClN_2O_8$
 2-[2-[4-(p-Chloro α -phenylbenzyl)-1-piperazinyl]ethoxy]-ethanol 4,4'-methylenebis[3-hydroxy-2-naphthoate]. Equipose; Masmoran; Paxisitol; Vistaril pamoate. Anxiolytic and antihistaminic. Has been used as a minor tranquillizer. Insoluble in H_2O . *Pfizer Inc.*

6741 Iclazepam

57916-70-8
 $C_{21}H_{21}ClN_2O_2$
 7-Chloro-1-[2-(cyclopropylmethoxy)ethyl]-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one.
 Anxiolytic.

6742 Ipsapirone

95847-70-4 5096
 $C_{19}H_{23}N_5O_3S$
 2-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-1,2-benzisothiazolin-3-one 1,1-dioxide.
 Isapirone. Non-benzodiazepine anxiolytic. mp = 137-138°. *Bayer AG.*

6743 Ipsapirone Hydrochloride

92589-98-5 5096
 $C_{19}H_{24}ClN_5O_3S$
 2-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-1,2-benzisothiazolin-3-one 1,1-dioxide monohydrochloride.
 Bay q 7821; TVX Q 7821. Non-benzodiazepine anxiolytic. mp = 221-222°. *Bayer AG.*

6744 Itasetron

123258-84-4
 $C_{16}H_{20}N_4O_2$
 2-Oxo-N-1 α H,5 α H-tropan-3 α -yl-1-benzimidazoline-1-carboxamide.
 U-98079-A; DAU6215CL. Anxiolytic, antidepressant and anti-emetic. *Boehringer Ingelheim GmbH.*

6745 Ketazolam

27223-35-4 5308 248-346-3
 $C_{20}H_{17}ClN_2O_3$
 11-Chloro-8,12b-dihydro-2,8-dimethyl-12b-phenyl-4H-[1,3]-oxazino[3,2-d][1,4]benzodiazepine-4,7(6H)dione.
 U-28774; Anseren; Ansieten; Anxon; Contamex; Loftran; Unakalm. Anxiolytic used as a minor tranquillizer. Anesthetic. mp = 182-183.5°; λ_m = 202, 241 nm (ϵ 40600, 18400 EtOH). *Pharmacia & Upjohn, Inc.*

6746 Lesopitron

132449-46-8 5470
 $C_{15}H_{21}ClN_6$
 2-[4-[4-(4-Chloropyrazol-1-yl)butyl]-1-piperazinyl]pyrimidine.
 Anxiolytic. Selective serotonin 5HT_{1A} receptor agonist. *Esteve Group.*

6747 Lesopitron Dihydrochloride

132449-89-9 5470
 $C_{15}H_{23}Cl_2N_6$
 2-[4-[4-(4-Chloropyrazol-1-yl)butyl]-1-piperazinyl]pyrimidine dihydrochloride.
 E-4424. Anxiolytic. Selective serotonin 5HT_{1A} receptor agonist. mp = 194-197.5°. *Esteve Group.*

6748 Lopirazepam

42863-81-0 255-974-1
 $C_{14}H_9Cl_2N_3O_2$
 7-Chloro-5-(o-chlorophenyl)-1,3-dihydro-3-hydroxy-2H-pyrido[3,2-e]-1,4-diazepin-2-one.
 D-12524. A benzodiazepine. Sedative; anxiolytic.

6749 Loprodiol

2209-86-1 7247 218-635-9
 $C_5H_{10}Cl_2O_2$
 2,2-Bis(chloromethyl)-1,3-propanediol.
 Dispranol. Tranquillizer and muscle relaxant. mp = 79-80°, 65°, 83°, 95°; bp₁₂ = 158.5-160°. *Heyden Chemical.*

6750 Lorazepam

846-49-1 5609 212-687-6
 $C_{15}H_{10}Cl_2N_2O_2$
 7-Chloro-5-(o-chlorophenyl)-1,3-dihydro-3-hydroxy-2H-1,4-benzodiazepin-2-one.
 Almazine; Ativan; WY-4036; Emotival; Lorax; Lorsilan; Pro Dorm; Psicopax; Punktyl; Quait; Securit; Sedativol; Sedazin; Somagerol; Tavor; Temesta; Wypax. Anxiolytic. Pharmaceutical preparation for the treatment of anxiety. mp = 166-168°; λ_m = 229 nm (1N NaOH), 233 nm (1N HCl); soluble in H_2O (0.008 g/100 ml), $CHCl_3$ (0.33 g/100 ml), EtOH (1.4 g/100 ml), propylene glycol (1.6 g/100 ml), EtOAc (3.0 g/100 ml); LD₅₀ (mus orl) = 3178 mg/kg, (rat orl) > 5000 mg/kg. *Wyeth-Ayerst Labs.*

6751 Lorzafone

59179-95-2
 $C_{18}H_{17}Cl_2N_3O_3$
 2-(2-Aminoacetamido)-4'-chloro-2'-(o-chlorobenzoyl)-N-methylacetanilide.
 Minor tranquillizer. *Eli Lilly & Co.*

6752 Lorzafone Monohydrate

81603-65-8
 $C_{18}H_{17}Cl_2N_3O_3 \cdot H_2O$
 2-(2-Aminoacetamido)-4'-chloro-2'-(o-chlorobenzoyl)-N-methylacetanilide monohydrate.
 LY-123508. Minor tranquillizer. *Eli Lilly & Co.*

6753 Loxapine

1977-10-2 5617 217-835-3
 $C_{18}H_{18}ClN_3O$
 2-Chloro-11-(4-methyl-1-piperazinyl)dibenz-[b,f][1,4]oxazepine.
 Loxitane IM; SUM-3170; CL-62362; oxilapine; S-805.

Minor tranquillizer. mp = 109-110°; LD₅₀ (mus orl) = 65 mg/kg. *Lederle Labs.*

6754 Loxapine Succinate

27833-64-3 5617 248-682-0

C₂₂H₂₄ClN₃O₅

2-Chloro-11-(4-methyl-1-piperazinyl)dibenz-[b,f][1,4]oxazepine succinate.

Daxolin; Loxitane Capsules; CL-71563; Loxapac; Loxitane. Minor tranquillizer. *Bayer AG; Lederle Labs.*

6755 Magnesium Glutamate Hydrobromide

4477 200-293-7

C₁₀H₁₇BrMgN₂O₈·H₂O

Magnesium bromoglutamate.

Psicosoma; Psycho-Soma; Psychoverlan. Anxiolytic. mp = 225-227°; d₂₀²⁰ = 1.4601; soluble in H₂O (2.05 g/100 ml at 25°); [D form]: [α]_D²⁰ = -30.5° (c = 1 in 6N HCl).

6756 Meclonazepam

58662-84-3

C₁₆H₁₂ClN₃O₃

(+)-(S)-5-(o-Chlorophenyl)-1,3-dihydro-3-methyl-7-nitro-2H-1,4-benzodiazepin-2-one.

Minor tranquillizer.

6757 Mecloralurea

1954-79-6 5822 217-786-8

C₄H₇Cl₃N₂O₂

1-Methyl-3-(2,2,2-trichloro-1-hydroxyethyl)urea.

trichloroethylolmethylurea; Heraldium. Anxiolytic. mp = 135-140°; soluble in H₂O, AcOH, Et₂O, EtOH, C₅H₅N; insoluble in CHCl₃, hydrocarbons. *Centre d'Etudes l'Ind. Pharm.*

6758 Medazepam

2898-12-6 5829 220-783-4

C₁₆H₁₅ClN₂

7-Chloro-2,3-dihydro-1-methyl-5-phenyl-1H-1,4-benzodiazepine.

Ansilan; Diepin; Medazepol; Megasedan; Narsis; Nobrium; Psiquium; Resmit; Rudotel; Tranquilax. Minor tranquillizer. mp = 95-97°; LD₅₀ (mus orl) = 1070 mg/kg, (mus ip) = 360 mg/kg. *Hoffmann-LaRoche Inc.*

6759 Medazepam Hydrochloride

2898-11-5 5829 220-782-9

C₁₆H₁₅ClN₂

7-Chloro-2,3-dihydro-1-methyl-5-phenyl-1H-1,4-benzodiazepine monohydrochloride.

Ro 5-4556. Minor tranquillizer. *Hoffmann-LaRoche Inc.*

6760 Mephenoaloxone

70-07-5 5896 200-723-3

C₁₁H₁₃NO₄

5-[(o-Methylphenoxy)methyl]-2-oxazolidinone.

metoxadone; methoxydon; methoxydone; methoxadone; AHR-233; OM-518; Lenetran; Trepidone; Ekilan; Dorsiflex; Control-Om; Tranpoise; Dorsilon; Placidex; Riself; Xerene. Tranquillizer and muscle relaxant. mp = 143-145°; insoluble in H₂O; LD₅₀ (rat orl) = 3820 ± 17 mg/kg. *Marion Merrell Dow Inc.*

6761 Mepiprazole

20326-12-9 5902

C₁₆H₂₁ClN₄

1-(m-Chlorophenyl)-4-[2-(5-methylpyrazol-3-yl)ethyl]piperazine.

EMD-16923. Tranquillizer mp = 106°. *E. Merck.*

6762 Mepiprazole Dihydrochloride

20344-15-4 5902

C₁₆H₂₃Cl₂N₄

1-(m-Chlorophenyl)-4-[2-(5-methylpyrazol-3-yl)ethyl]piperazine dihydrochloride.

H-4007; Psigodal. Tranquillizer mp = 234°. *E. Merck.*

6763 Meprobamate

57-53-4 5908 200-337-5

C₉H₁₈N₂O₄

2-Methyl-2-propyl-1,3-propanediol dicarbamate.

Equanil; Meprospan; Mepro tabs; Miltown; Tamate; Appetrol; Deprol; Equagesic; Micrainin; Milpath; Milprem; Miltate; PMB-200; PMB-400; procalmadiol; procalmidol; Amosene; Andaxin; Aneuril; Artolon; Atraxin; Ayeramate; Bamo 400; Biobamat; Calmiren; Cirpon; Cyrpon; Ecuanyl; Fas-Cile 200; Gadexyl; Holbamate; Kesso-Bamate; Klort; Mar-Bate; Mepavlon; Meposed; Meprin; Meprindon; Meprobam; Mepr; Mepro tabs; Meproten; Meprotil; Meptran; Mesmar; Miltaun; Morbam; My-trans; Nervonus; Oasil; Panediol; Perequil; Pertranquil; Placidon; Probamyl; Promate; Quaname; Quanyl; Reostril; Restenil; Restran; Sowell; Trankvilan; Tranlisant; Tranquilan; Tranquiline; Urbilat. Anxiolytic with sedative and hypnotic properties. A proprietary preparation of meprobamate and ethinylestradiol; used for control of menopause. mp = 104-106°; soluble in H₂O (0.34 g/100 ml), more soluble in organic solvents; LD₅₀ (mus ip) = 800 mg/kg. *Wyeth-Ayerst Labs.; Wallace Labs.; Marion Merrell Dow Inc.; Lederle Labs.*

6764 Metacalzepam

65517-27-3 5980

C₁₈H₁₈BrClN₂O

7-Bromo-5-(o-chlorophenyl)-2,3-dihydro-2-(methoxymethyl)-1-methyl-1H-1,4-benzodiazepine.

brometazepam; metuclazepam; Ka-2547; KC-2547. Anxiolytic. *Kali-Chemie.*

6765 Metacalzepam Hydrochloride

61802-93-5 5980 263-234-4

C₁₈H₁₉BrCl₂N₂O

7-Bromo-5-(o-chlorophenyl)-2,3-dihydro-2-(methoxymethyl)-1-methyl-1H-1,4-benzodiazepine hydrochloride.

Talis. Anxiolytic. mp = 193-196°; LD₅₀ (mus orl) = 1578 mg/kg. *Kali-Chemie.*

6766 Mexazolam

31868-18-5 6254

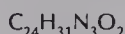
C₁₈H₁₆Cl₂N₂O₂

10-Chloro-11b-(o-chlorophenyl)-2,3,7,11b-tetrahydro-3-methyloxazolo[3,2-d][1,4]benzodiazepin-6(5H)-one.

CS-386; Melex. Anxiolytic. mp = 172-175°; LD₅₀ (mmus orl) = 4687 mg/kg, (mmus ip or sc) > 6000 mg/kg, (fmsus orl) = 4571 mg/kg, (fmsus ip or sc) > 6000 mg/kg, (mrat orl) = 810 mg/kg, (mrat ip or sc) > 4000 mg/kg, (frat orl) = 4500 mg/kg, (frat ip or sc) > 4000 mg/kg.

6767 Mirisetrone

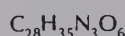
135905-89-4

1-Cyclohexyl-1,4-dihydro-4-oxo-N-1 α H,5 α H-tropan-3 α -yl-3-quinolinecarboxamide.

Anxiolytic. Wyeth-Ayerst Labs.

6768 Mirisetrone Maleate

148611-75-0

1-Cyclohexyl-1,4-dihydro-4-oxo-N-1 α H,5 α H-tropan-3 α -yl-3-quinolinecarboxamide maleate (1:1).

WAY-SEC-579. Anxiolytic. Wyeth-Ayerst Labs.

6769 Motrazepam

29442-58-8



1,3-Dihydro-1-(methoxymethyl)-7-nitro-5-phenyl-2H-1,4-benzodiazepin-2-one.

Tolhart; Tolosate; Toloxyn; Tolserol; Tolseron; Tolulexin; Tolulox; Tolyspaz; Walconesin. Anxiolytic. Wallace Labs.

6770 Nerisopam

102771-12-0



1-(4-Aminophenyl)-4-methyl-7,8-dimethoxy-5H-2,3-benzodiazepine.

GYKI-52322. A psychoactive 5H-2,3-benzodiazepine with unique neuroleptic properties. Anxiolytic; antipsychotic.

6771 Nisobamate

25269-04-9



2-(Hydroxymethyl)-2,3-dimethylpentyl isopropylcarbamate carbamate (ester).

W-1015. Anxiolytic with sedative-hypnotic properties. Wallace Labs.

6772 Nordazepam

1088-11-5

6784

214-123-4



7-Chloro-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one.

desmethyldiazepam; nordiazepam; DMDZ; A-101; Ro-5-2180; Calmday; Madar; Nordaz; Praxadium; Stilny.

Anxiolytic. mp = 216-217°; λ_m 313 nm ($E_{1\text{ cm}}^{1\%}$ 82, $CHCl_3$); slightly soluble in EtOH, $CHCl_3$; insoluble in H_2O ; LD₅₀ (mus orl) = 1300 mg/kg, 2750 = mg/kg, (mus ip) > 400 mg/kg, (rat orl) > 5200 mg/kg. Hoffmann-LaRoche Inc.**6773 Nortetrazepam**

10379-11-0



7-Chloro-5-(1-cyclohexen-1-yl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one.

CB-4260. Anxiolytic.

6774 Ocinalplon

96604-21-6



2-Pyridyl 7-(4-pyridyl)pyrazolo[1,5-a]pyrimidin-3-yl ketone.

CL-273547. Anxiolytic.

6775 Ondansetrone

116002-70-1



(±)-2,3-Dihydro-9-methyl-3-[(2-methylimidazol-1-yl)-methyl]carbazol-4(1H)-one.

Anxiolytic, antiemetic and antischizophrenic. Glaxo Wellcome, UK.

6776 Ondansetrone Hydrochloride

103639-04-9



(±)-2,3-Dihydro-9-methyl-3-[(2-methylimidazol-1-yl)-methyl]carbazol-4(1H)-one monohydrochloride monohydrate.

Zofran; GR-38032F. Anxiolytic, antiemetic and antischizophrenic. Glaxo Wellcome, UK.

6777 Oxanamide

126-93-2

7053



2,3-Epoxy-2-ethylhexanamide.

Quiactin. Anxiolytic. mp = 90-91°; soluble in H_2O (1 g/100 ml); LD₅₀ (mus ip) = 720 mg/kg, (mus orl) = 1220 mg/kg, (rat orl) = 1360 mg/kg.**6778 Oxazepam**

604-75-1

7059

210-076-9



7-Chloro-1,3-dihydro-3-hydroxy-5-phenyl-2H-1,4-benzodiazepin-2-one.

Wy-3498; Adumbran; Aplakil; Azutranquil; Bonare; Durazepam; Enidrel; Hilong; Isodin; Lederpam; Limbial; Serax; Nesontil; Noctazepam; Oxanid; Oxa-puren; Praxiten; Propax; Quilibrex; Rondar; Serax; Serenal; Serenid; Serepax; Seresta; Sigacalm; Sobril; Tazepam; Uskan; Zaxopam. Anxiolytic. mp = 205-206°; insoluble in H_2O ; soluble in EtOH, $CHCl_3$, dioxane; LD₅₀ (mus, rat orl) > 5010 mg/kg. Abbott Labs.; Wyeth-Ayerst Labs.**6779 Oxazolam**

24143-17-7

7061

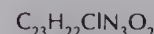
246-032-0



10-Chloro-2,3,7,11b-tetrahydro-2-methyl-11b-phenyl-Oxazolo[3,2-d][1,4]benzodiazepin-6(5H)-one.

oxazolazepam; Hializan; Serenal; Tranquit. A benzodiazepine. Anxiolytic. mp = 186-188°; soluble in $CHCl_3$; slightly soluble in EtOH; nearly insoluble in H_2O .**6780 Pagoclone**

133737-32-3



(±)-2-(7-Chloro-1,8-naphthyridin-2-yl)-3-(5-methyl-2-oxohexyl)phthalimidine.

IP-456; RP-62955. Anxiolytic. Janssen Pharmaceutical Inc.

6781 Panadiplon

124423-84-3



3-(5-Cyclopropyl-1,2,4-oxadiazol-3-yl)-5-isopropylimidazo[1,5-a]quinoxalin-4(5H)-one.

U-78875; FG-10571. Anxiolytic.

6782 Pancopride

121243-20-7



4-Amino-5-chloro- α -cyclopropyl-N-3-quinuclidinyl-o-anisamide.

Anxiolytic, anti-emetic and CNS stimulant. *Grupo Farmaceutico Almirall S.A.*

6783 (±)-Pancopride

121650-80-4



(±)-4-Amino-5-chloro- α -cyclopropyl-N-3-quinuclidinyl-o-anisamide.

Anxiolytic, anti-emetic and CNS stimulant. *Grupo Farmaceutico Almirall S.A.*

6784 Pazinaclone

103255-66-9

7187

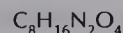


(±)-8-[[2-(7-Chloro-1,8-naphthyridin-2-yl)-3-oxo-1-isoidolonyl]acetyl]-1,4-dioxo-8-azaspiro[4,5]decane.

A-77000; DN-2327. Anxiolytic. Pharmaceutical preparation for the treatment of constipation. mp = 238-239°. *TAP Pharmaceuticals; Takeda.*

6785 Pentabamate

5667-70-9



3-Methyl-2,4-pentanedioicdicarbamate.

Anxiolytic. *Farbenfabriken Bayer AG.*

6786 Phenaglycodol

79-93-6

201-235-3



2-(p-Chlorophenyl)-3-methyl-2,3-butanediol.

Has anxiolytic and possibly anti-epileptic properties. Antiepileptic.

6787 Phenprobamate

673-31-4

7412

211-606-1



3-Phenyl-1-propanol carbamate.

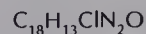
MH-532; proformiphen; Extacol; Palmita; Spantol; Ansepron; Gamaquil; Quamaquil. Anxiolytic and muscle relaxant. mp = 101-104°; soluble in EtOH, CHCl_3 , propylene glycol, ethylenediamine, DMF; less soluble in Et_2O ; insoluble in H_2O ; LD_{50} (mus orl) = 840 mg/kg. *Sieglfried AG.*

6788 Pinazepam

52463-83-9

7596

257-934-9

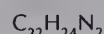


7-Chloro-1,3-dihydro-5-phenyl-1-(2-propynyl)-2H-1,4-benzodiazepin-2-one.

Z-905; Domar; Duna. Anxiolytic. mp = 140-142°; LD_{50} (mus orl) = 1355 mg/kg, 670 mg/kg (mus ip) = 266 mg/kg, (rat orl) = 5819 mg/kg, (rat ip) = 622 mg/kg. *Zambeletti.*

6789 Pipequaline

77472-98-1



2-Phenyl-4-[2-(4-piperidyl)ethyl]quinoline.

PK-8165; 45319-RP. A putative mixed agonist/antagonist at benzodiazepine receptors. Anxiolytic.

6790 Pirenperone

75444-65-4

278-213-5

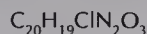


3-[2-[4-(p-Fluorobenzoyl)piperidino]ethyl]-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one.

R-47465. Anxiolytic. *Janssen Pharmaceutical Inc.*

6791 Pivoxazepam

55299-10-0

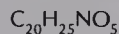


7-Chloro-1,3-dihydro-3-hydroxy-5-phenyl-2H-1,4-benzodiazepin-2-one pivalate(ester).

Anxiolytic.

6792 Poskine

585-14-8



3-[2-Phenyl-2-(propionyloxymethyl)acetyloxy]-6,7-epoxytropene.

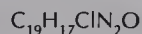
Anxiolytic.

6793 Prazepam

2955-38-6

7895

220-975-8



7-Chloro-1-(cyclopropylmethyl)-1,3-dihydro-5-phenyl-2h-1,4-benzodiazepin-2-one.

Centrax; Verstran; W-4020; Demetrin; Lysanxia; Prazene; Sedapran; Settima; Trepidan; Verstran. Anxiolytic with sedative-hypnotic properties. mp = 145-146°. *Parke-Davis.*

6794 Premazepam

57435-86-6



3,7-Dihydro-6,7-dimethyl-5-phenylpyrrolo[3,4-e]-1,4-diazepin-2(1H)-one.

Anxiolytic.

6795 Procymate

13931-64-1

7945



1-Cyclohexylpropyl carbamate.

T-3033; Equipax. Anxiolytic. mp = 128-129°.

6796 Proflazepam

52829-30-8



7-Chloro-1-(2,3-dihydroxypropyl)-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one.

Anxiolytic. Used as a topical antiseptic.

6797 Ripazepam

26308-28-1



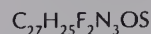
1-Ethyl-4,6-dihydro-3-methyl-8-phenylpyrazolo[4,3-e][1,4]diazepin-5(1H)-one.

Cl-683. Anxiolytic.

6798 Ritanserin

87051-43-2

8399



6-[2-[4-[Bis(p-fluorophenyl)methylene]-piperidino]ethyl]-7-methyl-5H-thiazolo[3,2-a]pyrimidin-5-one.

R-55667; Tiserton. Anxiolytic; antidepressant. A selective serotonin receptor antagonist. mp = 145.5°; LD_{50} (rat iv) = 20.0 mg/kg, (dog iv) = 24.1 mg/kg, (rat orl) = 956 mg/kg, (dog orl) 1280 mg/kg. *Janssen Pharmaceutical Inc.*

6799 Roxoperone

2804-00-4

 $C_{21}H_{28}O_5$

8-[3-(p-Fluorobenzoyl)propyl]-2-methyl-2,8-diazaspiro[4.5]decane-1,3-dione.

Anxiolytic.

6800 Serazapine

115313-22-9

 $C_{22}H_{23}N_3O_2$

(±) Methyl 1,3,4,16b-tetrahydro-2-methyl-2H,10H-indolo[2,1-c]pyrazino[1,2-a][1,4]benzodiazepin-16-carboxylate.

Anxiolytic. *Ciba-Geigy Corp.***6801 Serazapine Hydrochloride**

117581-05-2

 $C_{22}H_{24}ClN_3O_2$

(±) Methyl 1,3,4,16b-tetrahydro-2-methyl-2H,10H-indolo[2,1-c]pyrazino[1,2-a][1,4]benzodiazepin-16-carboxylate monohydrochloride.

CGS-15040A. Anxiolytic. *Ciba-Geigy Corp.***6802 Sulazepam**

2898-13-7

 $C_{16}H_{13}ClN_2S$

7-Chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepine-2-thione.

W-3676. Anxiolytic used as a minor tranquillizer. Antibacterial. *Parke-Davis.***6803 Suriclone**

53813-83-5

9182

258-794-1

 $C_{20}H_{20}ClN_5O_3S_2$

4-Methylpiperazine-1-carboxylic acid ester with (±)-6-(7-chloro-1,8-naphthyridin-2-yl)-2,3,6,7-tetrahydro-7-hydroxy-5H-p-dithiino[2,3-c]pyrrol-5-one.

RP-31264; Celexane; Clexane; Suril. Anxiolytic. mp = 280°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***6804 Taclamine**

34061-33-1

 $C_{21}H_{23}N$

2,3,4,4a,8,9,3b,14-Octahydro-1H-benzo[6,7]-cyclohepta[1,2,3-de]pyrido[2,1-a]isoquinoline.

Anxiolytic used as a minor tranquillizer. A proprietary preparation of thromboplastin; used to control bleeding. *Wyeth-Ayerst Labs.***6805 Taclamine Hydrochloride**

34061-34-2

 $C_{21}H_{24}ClN$

2,3,4,4a,8,9,3b,14-Octahydro-1H-benzo[6,7]cyclohepta[1,2,3-de]pyrido[2,1-a]isoquinoline hydrochloride.

AY-22214. Anxiolytic used as a minor tranquillizer. A proprietary preparation of benzotamine hydrochloride; a tranquilizer. *Wyeth-Ayerst Labs.***6806 Tandospirone**

87760-53-0

9219

 $C_{21}H_{29}N_5O_2$

Hexahydro-2-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]-4,7-methano-1H-isoindole-1,3(2H)-dione.

Anxiolytic and antidepressant. mp = 112-113.5°. *Pfizer Inc.***6807 Tandospirone Citrate**

112457-95-1

9219

 $C_{27}H_{37}N_5O_9$

(3α,4β,7β,7α)-Hexahydro-2-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]-4,7-methano-1H-isoindole-1,3(2H)-dione 2-hydroxy-1,2,3-propanetricarboxylate (1:1).

SM-3997. Anxiolytic and antidepressant. mp = 169.5-170°; [hydrochloride]: mp = 227-229°. *Pfizer Inc.***6808 Temazepam**

846-50-4

9285

212-688-1

 $C_{16}H_{13}ClN_2O_2$

7-Chloro-1,3-dihydro-3-hydroxy-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one.

Restoril; Wy-3917; ER-115; K-3917; Ro-5-5345; Euhypnos; Euipnos; Gelthix; Levanzene; Levanxol; Normison; Perdorm; Planum; Remestan. Anxiolytic with sedative-hypnotic properties. mp = 119-121°. *Hoffmann-LaRoche Inc.; Sandoz Pharmaceuticals Corp.***6809 Tofisopam**

22345-47-7

9642

244-922-3

 $C_{22}H_{26}N_2O_4$

1-(3,4-Dimethoxyphenyl)-5-ethyl-7,8-dimethoxy-4-methyl-5H-2,3-benzodiazepine.

EGYT-341; Grandaxin; Seriel. Anxiolytic. mp = 156-157°; λ_m = 310, 272,239 nm (ϵ 16100, 11200, 26300 MeOH). EGYT.**6810 Triflubazam**

22365-40-8

 $C_{17}H_{13}F_3N_2O_2$

1-Methyl-5-phenyl-7-(trifluoromethyl)-1H-1,5-benzodiazepine-2,4(3H,5H)-dione.

WE352; ORF-8063. Anxiolytic used as a minor tranquilizer. *C. H. Boehringer Sohn.***6811 Trifluomeprazine**

2622-37-9

9810

 $C_{19}H_{21}F_3N_2S$

10-[3-(Dimethylamino)-2-methylpropyl]-2-(trifluoromethyl)phenothiazine.

RP-7746; Nortran [as maleate]. Anxiolytic. λ_m = 308, 258 nm (log ϵ 3.60, 4.55 EtOH).**6812 Trimetozine**

635-41-6

9850

211-236-0

 $C_{14}H_{19}NO_5$

4-(3,4,5-Trimethoxybenzoyl)morpholine.

Abbott-22370; PS-2383; NSC-62939; Opalene; Trioxazine. Anxiolytic with sedative-hypnotic properties.

mp = 120-122°; slightly soluble in H_2O , EtOH. *Abbott Labs.***6813 Tuclazepam**

51037-88-8

 $C_{17}H_{16}Cl_2N_2O$

7-Chloro-5-(o-chlorophenyl)-2,3-dihydro-1-methyl-1H-1,4-benzodiazepine-2-methanol.

Anxiolytic.

6814 Tybamate

4268-36-4

9960

224-254-9

 $C_{13}H_{26}N_2O_4$

2-(Hydroxymethyl)-2-methylpentylbutylcarbamate carbamate.

Solacen; W713; Nospan; Tybatran. Anxiolytic used as a minor tranquilizer. mp = 49-51°; bp_{0.006} = 150-152°. *Wallace Labs.*

6815 Uldazeparn

28546-58-9



2-[(Allyloxy)amino]-7-chloro-5-(o-chlorophenyl)-3H-1,4-benzodiazepine.

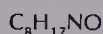
U-31920. Anxiolytic with sedative-hypnotic properties. *Pharmacia & Upjohn, Inc.*

6816 Valnoctamide

4171-13-5

10048

224-033-7

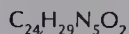


2-Ethyl-3-methylvaleramide.

Axiqual; McN-X-181; NSC-32363; Nirvanil. Anxiolytic. mp = 113.5-114°. *McNeil Pharmaceutical.*

6817 Zalospirone

114298-18-9

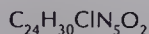


3a,4,4a,6a,7,7a-Hexahydro-2-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]-4,7-etheno-1H-cyclobut[*f*]isoindole-1,3(2H)-dione.

WY-47846. Anxiolytic. *Wyeth-Ayerst Labs.*

6818 Zalospirone Hydrochloride

114374-97-9



3a,4,4a,6a,7,7a-Hexahydro-2-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]-4,7-etheno-1H-cyclobut[*f*]isoindole-1,3(2H)-dione hydrochloride.

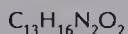
WY-47846HCl. Anxiolytic. *Wyeth-Ayerst Labs.*

Aromatase inhibitors**6819 Aminogluthethimide**

125-84-8

460

204-756-4



2-(p-Aminophenyl)-2-ethylglutarimide.

Cytadren; Elipten; Orimeten. Aromatase inhibitor. Also used as an adrenocortical suppressant and neoplastic drug. mp = 149-150°; freely soluble in most organic solvents; poorly soluble in EtOAc, EtOH, 0.1N HCl; readily soluble in Me₂CO, AcOH; insoluble in H₂O; [hydrochloride (C₁₃H₁₇ClN₂O₂)]: mp = 223-225°; freely soluble in H₂O. *Ciba-Geigy Corp.*

6820 Anastrozole

120511-73-1

667



α,α,α',α'-Tetramethyl-5-(1H-1,2,4-triazol-1-ylmethyl)-m-benzenediacetonitrile.

Arimidex; ICI-D1033; ZD-1033. Aromatase inhibitor. Used as an antineoplastic agent. mp = 81-82°. *Zeneca Pharmaceuticals.*

6821 Atamestane

96301-34-7

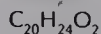


1-Methylandrosta-1,4-diene-3,17-dione.

Aromatase inhibitor.

6822 Exemestane

107868-30-4



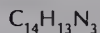
6-Methyleneandrosta-1,4-diene-3,17-dione.

Aromatase inhibitor.

6823 Fadrozole

102676-47-1

3969



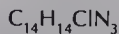
p-(5,6,7,8-Tetrahydroimidazo[1,5-a]pyridin-5-yl)benzonitrile.

Aromatase inhibitor. mp = 117-118°. *Ciba-Geigy Corp.*

6824 Fadrozole Hydrochloride

102676-31-3

3969



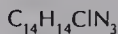
p-(5,6,7,8-Tetrahydroimidazo[1,5-a]pyridin-5-yl)benzonitrile hydrochloride.

CGS-16949A. Aromatase inhibitor. mp = 231-233°; soluble in H₂O. *Ciba-Geigy Corp.*

6825 (±)-Fadrozole Hydrochloride

102676-96-0

3969



(±)-p-(5,6,7,8-Tetrahydroimidazo[1,5-a]pyridin-5-yl)benzonitrile hydrochloride.

CGS-16949A. Aromatase inhibitor. *Ciba-Geigy Corp.*

6826 Formestane

566-48-3

4267



4-Hydroxyandrost-4-ene-3,17-dione.

CGP-32349; 4OHA; Lentaron. Aromatase inhibitor. mp = 199-202°, 203.5-206°; λ_m = 278 nm (ε 11030 EtOH); [α]_D²⁰ = 181° (c = 7.7 CHCl₃). *Ciba-Geigy Corp.*

6827 Letrozole

112809-51-5

5474



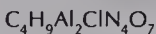
4,4'-(1H-1,2,4-Triazol-1-ylmethylene)dibenzonitrile.

CGS-20267. Aromatase inhibitor. mp = 181-183°. *Ciba-Geigy Corp.*

Astringents**6828 Alcloxa**

1317-25-5

215-262-3



Chlorotetrahydroxy[(2-hydroxy-5-oxo-2-imidazolin-4-yl)-ureato]dialuminum.

aluminum chlorhydroxy allantoinate; ALCA; RC-173. Astringent and keratolytic. *ICI Americas Inc.*

6829 Aldioxa

5579-81-7

224

226-964-4



Dihydroxy[2-hydroxy-5-oxo-2-imidazolin-4-yl)-ureato]aluminum.

ALDA; RC-172; Alanetorin; Alusa; Arlanto; Ascomp; Chlokale; Isalon; Nische; Peptilate. Anti-ulcerative. Astringent and keratolytic. mp = 230°; insoluble in polar and non-polar solvents.

6830 Alkannin

517-88-4

253

208-245-7



(S)-5,8-Dihydroxy-2-(1-hydroxy-4-methyl-3-pentenyl)-1,4-naphthalenedione.

anchusa acid; anchusin; alkanna red; alkanet extract; C.I. Natural Red 20; C.I. 75530; [(+)-form]: shikonin; [(±)-form]: shikalkin. Astringent. mp = 149°; $[\alpha]_{\text{Cd}}^{20} = -165^\circ$ (C_6H_6), -226° (CHCl_3), -254° ± 7° (CHCl_3); sparingly soluble in H_2O , soluble in most organic solvents; LD₅₀ (mmus orl) = 3000 ± 1000 mg/kg, (fmus orl) 3100 ± 100 mg/kg, (rat orl) > 1000 mg/kg.

6831 Aluminum β-Naphtholdisulfonate

1300-81-8 363



2-Hydroxynaphthalenedisulfonic acid aluminum salt.

Alumol. Astringent and antiseptic. Soluble in H_2O (66 g/100 ml), soluble in glycerol, slightly soluble in EtOH, insoluble in Et_2O .

6832 Aluminum Acetate Solution

8006-13-1 332



A solution of about 5% neutral aluminum acetate.

Burow's Solution; Domeboro. Astringent and antiseptic. d = 1.002.

6833 Aluminum Acetotartrate

333

Consists of about 70% basic aluminum acetate and 30% tartaric acid.

Essitol. Astringent and antiseptic. Slowly soluble in cold H_2O , insoluble in EtOH.

6834 Aluminum Ammonium Sulfate

7784-25-0 335 232-055-3



Burnt ammonium alum; exsiccated ammonium alum.

Astringent. d = 1.65; mp = 94.5°; soluble in H_2O (14.3 g/100 ml at 20°, 200 g/100 ml at 100°, freely soluble in glycerol, insoluble in EtOH).

6835 Aluminum Chlorate

15477-33-5 347 239-499-7



Chloric acid aluminum salt.

Astringent and antiseptic. Occurs a hexahydrate and a nonahydrate. Freely soluble in H_2O , soluble in EtOH.

6836 Aluminum Chlorate Nonahydrate

7784-15-8 347



Chloric acid aluminum salt.

Mallebrin. Astringent and antiseptic. Freely soluble in H_2O , soluble in EtOH.

6837 Aluminum Chloride

7446-70-0 348 231-208-1



Aluminum chloride.

Strong irritant.

6838 Aluminum Chloride Hexahydrate

7784-13-6 348



Aluminum chloride hexahydrate.

Aluwets; Anhydrol; Driclor; component of: Drysol, Xerac AC. Astringent. Soluble in H_2O (111 g/100 ml), EtOH (25 g/100 ml), Et_2O , glycerol, propylene glycol. *Person & Covey, Inc.*

6839 Aluminum Hydroxychloride

1327-41-9 356 215-477-2



Aluminum chlorohydroxide.

aluminum chlorohydroxide; Astringen; Chlorhydrol; Hyperdrol; Locron; Phosphonorm. Astringent and antihyperphosphatemic. Used in antiperspirants. Soluble in H_2O (55 g/100 ml).

6840 Aluminum Potassium Sulfate

10043-67-1 373 233-141-3



burnt alum; exsiccated alum. Astringent. Soluble in H_2O (5 g/100 ml at 20°, 100 g/100 ml at 100°), insoluble in EtOH; [dodecahydrate (alum; potassium alum; Kalinite; alum flour; alum meal; cube alum)]: mp = 92.5°; d = 1.725; soluble in H_2O (13.9 g/100 ml at 20°, 330 g/100 ml at 100+s).

6841 Aluminum Sodium Sulfate

10102-71-3 378 233-277-3



sodium alum [as dodecahydrate]; soda alum [as dodecahydrate]. Astringent. [dodecahydrate]: mp = 60°; d = 1.61; soluble in H_2O (100 g/100 ml), insoluble in EtOH.

6842 Aluminum Subacetate Solution

8000-61-1 380

Contains about 8% aluminum diacetate.

Essigsäure Tonerde. Astringent. Clear colorless liquid, d = 1.045.

6843 Ammonium Ferric Sulfate

10138-04-2 549 233-382-4



Ferric ammonium sulfate.

ferric alum [as dodecahydrate]; iron alum [as dodecahydrate]. Astringent. [dodecahydrate]: mp = 37°; d = 1.71; very soluble in H_2O , insoluble in EtOH.

6844 Baicalein

491-67-8 971



5,6,7-Trihydroxy-2-phenyl-4H-1-benzopyran-4-one.

noroxylin; Isolated from roots of *Scutellaria baicalensis*.

Astringent. dec 264-265°; λ_m 324 276 nm (log ε 4.18 4.42 EtOH); soluble in EtOH, MeOH, Et_2O , Me_2CO , EtOAc, hot AcOH; sparingly soluble in CHCl_3 , nitrobenzene; insoluble in H_2O .

6845 Bismuth Oxide

1304-76-3 1314 215-134-7

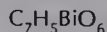


Bismuth trioxide.

bismuthous oxide; bismuth yellow. Astringent. Insoluble in H_2O , soluble in HCl or HNO_3 .

6846 Bismuth Subgallate

22650-86-8 1325



Basic bismuth gallate.

gallic acid bismuth basic salt; B.S.G.; Dermatol. Astringent and antacid. Insoluble in H_2O , EtOH, CHCl_3 , Et_2O ; soluble in dilute alkaline solutions, hot mineral acids.**6847 Bismuth Tannate**

1330

Contains about 36% bismuth.

Tanbismuth; tannic acid bismuth derivative. Astringent. Insoluble in H_2O , EtOH, Et_2O .**6848 Boric Acid**

10043-35-3 1364 233-139-2



Boric acid.

boracic acid; orthoboric acid; Borofax; component of: Bluboro, Borofax, Collyrium Eye Wash, Collyrium Fresh-Eye Drops. Astringent and antiseptic. mp $\approx 171^\circ$; soluble in H_2O (5.5 g/100 ml at 20° , 25 g/100 ml at 100°), EtOH (5.5 g/100 ml at 20° , 16.6 g/100 ml at 76°), glycerol (25 g/100 ml); LD₅₀ (rat orl) = 5140 mg/kg. *Glaxo Wellcome Inc.*; *Wyeth-Ayerst Labs.*; *Allergan Herbert*.**6849 Calcium Hydroxide**

1305-62-0 1716 215-137-3



Calcium hydroxide.

calcium hydrate; slaked lime. Astringent. d = 2.08 - 2.34; slightly soluble in H_2O , soluble in glycerol; LD₅₀ (rat orl) = 7340 mg/kg.**6850 Cupric Citrate**

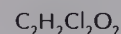
866-82-0 2702 212-752-9



2-Hydroxy-1,2,3-propanetricarboxylic acid copper salt (1:2).

Cuprocitrol. Astringent and antiseptic. Slightly soluble in H_2O ; soluble in NH_4OH , dilute mineral acids.**6851 Dichloroacetic Acid**

79-43-6 3100 201-207-0



Dichloroethanoic acid.

DCA. Keratolytic and astringent. bp = $193\text{--}194^\circ$; d₄²⁰ = 1.563; two crystalline forms, mp = 9.7° and -4° ; soluble in H_2O , EtOH, Et_2O ; LD₅₀ (rat orl) = 2820 mg/kg; [ethyl ester ($\text{C}_4\text{H}_6\text{Cl}_2\text{O}_2$)] bp = $158.3\text{--}158.7^\circ$; d₄²⁰ = 1.282; slightly soluble in H_2O ; soluble in EtOH, Et_2O .**6852 Ferric Chloride**

7705-08-0 4061 231-729-4

Flores martis. The hexahydrate is an astringent. mp $\approx 300^\circ$; bp $\approx 316^\circ$; d₂₅²⁵ = 2.90; readily soluble in H_2O , EtOH, Et_2O , Me_2CO , slightly soluble in CS_2 , insoluble in EtOAc; [hexahydrate]: mp $\approx 37^\circ$; readily soluble in H_2O , EtOH, Et_2O , Me_2CO ; LD₅₀ (mus iv) = 0.24 mg/kg.**6853 Formic Acid**

64-18-6 4268 200-579-1

Ameisensäure. Counter-irritant and astringent. bp = 100.8° ; mp = 8.4° ; d₂₀²⁰ = 1.220; miscible with H_2O , Et_2O , Me_2CO , EtOAc, MeOH, EtOH; partially soluble in C_6H_6 , C_7H_8 ; LD₅₀ (mus iv) = 145 mg/kg, (mus orl) = 1100 mg/kg.**6854 Gallic Acid**

149-91-7 4363 205-749-9



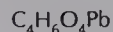
3,4,5-Trihydroxybenzoic acid.

Formerly used as an astringent. mp = $235\text{--}240^\circ$ (dec), $258\text{--}265^\circ$ (dec), $225\text{--}230^\circ$ (dec); soluble in H_2O (1.15 g/100 ml at 20° , 33 g/100 ml at 100°), EtOH (16.6 g/100 ml), Et_2O (1 g/100 ml), glycerol (10 g/100 ml), Me_2CO (20 g/100 ml); insoluble in C_6H_6 , CHCl_3 , petroleum ether; LD₅₀ (rbt orl) = 5000 mg/kg. *Mallinckrodt, Inc.***6855 Iodic Acid**

7782-68-5 5032 231-962-1

Astringent and disinfectant. d₄⁰ = 4.629; mp = 110° (dec); freely soluble in H_2O (269 g/100 ml at 20° , 295 g/100 ml at 40°), HNO_3 , dilute EtOH; insoluble in absolute EtOH, Et_2O , CHCl_3 .**6856 Lead Acetate**

301-04-2 5411 206-104-4



Acetic acid lead salt (2:1).

neutral lead acetate; normal lead acetate; sugar of lead; salt of Saturn. Astringent. [trihydrate]: d = 2.55; mp = 75° ; soluble in H_2O (62.5 g/100 ml at 20° , 200 g/100 ml at 100°), EtOH 3.3 g/100 ml; freely soluble in glycerol; LD₅₀ (rat ip) = 235.5 mg/kg.**6857 Methionine Acid**

503-40-2 6052 207-966-4



Methanedisulfonic acid.

Antiperspirant; the aluminum salt is used as an astringent. mp = $96\text{--}100^\circ$; [aluminum salt ($\text{C}_3\text{H}_6\text{Al}_2\text{O}_{18}\text{S}_6$)] soluble in H_2O .**6858 Silver Bromide**

7785-23-1 8649 232-076-8

Astringent and topical anti-infective. d = 6.47; mp = 432° ; slightly soluble in H_2O (0.0000135 g/100 ml at 25°); insoluble in EtOH, most acids; moderately soluble in 10% NH_4OH (0.33 g/100 ml at 12°); soluble in solutions of alkali cyanides; sparingly soluble in solutions of thiocyanides or thiosulfates; soluble in 220 parts saturated NaCl, in 35 parts of saturated KBr; slightly soluble in ammonium carbonate solutions.**6859 Silver Lactate**

128-00-7 8660



2-Hydroxypropanoic acid silver salt (1:1).

Astringent and topical anti-infective. Soluble in H_2O (6.6

g/100 ml), slightly soluble in EtOH.

6860 Sodium Formate

141-53-7 8765 205-488-0

CHNaO₂

Formic acid sodium salt.

Astringent. $d = 1.92$; $mp = 253^\circ$; soluble in H₂O (77 g/100 ml), glycerol; slightly soluble in EtOH.

6861 Tannic Acid

1401-55-4 9221 215-753-2

Extracted from the bark and fruit of many plants.

Tannin; gallotannin; gallotannic acid. Astringent. Soluble in H₂O (285 g/100 ml), glycerol (100 g/100 ml at 60°), EtOH, Me₂CO; insoluble in C₆H₆, CHCl₃, Et₂O, petroleum ether, CS₂, CCl₄; LD₁₀₀ (mus orl) = 6000 mg/kg.

6862 Tannoform

9010-29-1 9222

Methyleneditannin.

tannin-formaldehyde; Helgotan. Astringent. $mp \cong 230^\circ$ (dec); insoluble in H₂O; soluble in EtOH, alkaline solutions.

6863 White Lotion

Astringent and topical protectant.

6864 Witch Hazel

4638

Distillate from dormant twigs of *Hamamelis virginiana*.

Dickenson's Witch Hazel Formula. Astringent. *Dickinson, E. E., Co.*

6865 Zinc acetate

557-34-6 10256 209-170-2

C₄H₆O₄Zn.2H₂O

Acetic acid zinc salt dihydrate.

Emetic and astringent. $mp = 237^\circ$; $d = 1.735$; soluble in H₂O (43.4 g/100 at 25°, 62.5 g/100 ml at 100°), EtOH (3.3 g/100 ml at 25°, 100 g/100 ml at 76°); LD₅₀ (rat orl) = 2460 mg/kg.

6866 Zinc Carbonate

3486-35-9 10260 222-477-6

CO₃Zn

Carbonic acid zinc salt (1:1).

Astringent, antiseptic and topical protectant. Soluble in H₂O ((0.001 g/100 ml at 15°); soluble in dilutes minerals acids, alkalies.

6867 Zinc Chloride

7646-85-7 10261 231-592-0

Cl₂Zn

Hydrochloric acid zinc salt (2:1).

butter of zinc. Astringent. $d^{25} = 2.907$; $mp \cong 290^\circ$; $bp = 732^\circ$; soluble in H₂O (432 g/100 ml at 25°, 614 g/100 ml at 100°), 2% HCl (400 g/100 ml), EtOH (77 g/100 ml), glycerol (50 g/100 ml); freely soluble in Me₂CO; LD₅₀ (rat iv) = 60-90 mg/kg.

6868 Zinc Iodide

10139-47-6 10269 233-396-0

I₂Zn

Hydriodic acid zinc salt (2:1).

Astringent and topical antiseptic. $d^{25} = 4.74$; $mp \cong 446^\circ$; $bp \cong 625^\circ$ (dec); soluble in H₂O (330 g/100 ml at 20°, 500 g/100 ml at 100°), glycerol (50 g/100 ml); freely soluble in EtOH, Et₂O.

6869 Zinc Oxide

1314-13-2 10279 215-222-5

OZn

flowers of zinc; philosopher's wool; zinc white; C.I. Pigment White 4; C.I. 77947. Astringent. $d = 5.67$; $d_4^{20} = 5.607$; insoluble in H₂O; soluble in mineral acids, ammonia, ammonium carbonate or dilute AcOH.

6870 Zinc Permanganate

23414-72-4 10281 245-646-6

Mn₂O₈Zn

Permanganic acid zinc salt (2:1).

Astringent. Soluble in H₂O (33 g/100 ml); decomposed by EtOH.

6871 Zinc Peroxide

1314-22-3 10282 215-226-7

O₂Zn

zinc superoxide; ZPO. Astringent. $dec > 150^\circ$; insoluble in H₂O, soluble in dilute acids, liberating H₂O₂.

6872 Zinc p-Phenolsulfonate

127-82-2 10283 204-867-8

C₁₂H₁₀O₈S₂Zn

p-Hydroxybenzensulfonic acid zinc salt (2:1).

zinc sulfocarbolate; zinc sulfophenate; Phenozin. Astringent. Soluble in H₂O (62.5 g/100 ml at 20°, 250 g/100 ml at 100°), EtOH (55.6 g/100 ml).

6873 Zinc Salicylate

16283-36-6 10288 240-380-7

C₁₄H₁₀O₆Zn

2-Hydroxybenzoic acid zinc salt (2:1).

Astringent, antiseptic and topical protectant. Soluble in H₂O, EtOH.

6874 Zinc Sulfate

7733-02-0 10293 231-793-3

ZnSO₄

Sulfuric acid zinc salt (1:1).

Verazinc; white vitriol; zinc vitriol; Kreatol; Optraex; Solvezinc; Solvazinc; Zincaps; Zincate; Zincomed; Z-Span; component of: VasoClear A, Zincfrin. Electrolyte replenisher. Zinc supplement. Astringent. Soluble in H₂O, insoluble in EtOH. *Alcon Labs.; Ciba Vision Ophthalmics; Forest Pharmaceuticals Inc.*

6875 Zinc Sulfate Heptahydrate

7446-20-0 10293

ZnSO₄.7H₂O

Sulfuric acid zinc salt (1:1) heptahydrate.

Op-Thal-Zin; Redeema. Electrolyte replenisher. Zinc supplement. Astringent. $d = 1.97$; $mp = 100^\circ$; soluble in H₂O (166.6 g/100 ml), glycerol (40 g/100 ml); insoluble in EtOH. *Alcon Labs.; Ciba Vision Ophthalmics; Forest Pharmaceuticals Inc.*

6876 Zinc Tannate

8011-65-2 10295 232-377-4
Compound of ZnO and tannin with variable composition.
sal barnit. Astringent and antiseptic. Insoluble in H₂O,
soluble in dilute acids.

Benzodiazepine Antagonists**6877 Flumazenil**

78755-81-4 4169
C₁₅H₁₄FN₃O₃
Ethyl 8-fluoro-5,6-dihydro-5-methyl-6-oxo-4H-imidazo[1,5-a][1,4]benzodiazepin-3-carboxylate.
Romazicon; Ro-15-1788/000; flumazepil; Anexate; Lanexat; Mazicon; . Benzodiazepine antagonist. mp = 201-203°; LD₅₀ (mus ip) = 4000 mg/kg, (mus orl) = 4300 mg/kg, (rat ip) = 4300 mg/kg, (rat orl) = 6000 mg/kg.
Hoffmann-LaRoche Inc.

6878 Sarmazenil

78771-13-8
C₁₅H₁₄ClN₃O₃
Ethyl 7-chloro-5,6-dihydro-5-methyl-6-oxo-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylate.
Ro-15-3505. Benzodiazepine-receptor partial inverse agonist.

beta-Adrenergic Agonists**6879 Albuterol**

18559-94-9 217 242-424-0
C₁₃H₂₁NO₃
2-(tert-Butylamino)-1-(4-hydroxy-3-hydroxymethylphenyl)ethanol.
salbutamol; Proventil Inhaler; Ventalin Inhaler. Bronchodilator. Ephedrine derivative. mp = 151° (also as 157-158°); soluble in most organic solvents.

6880 Albuterol Sulfate

51022-70-9 217 256-916-8
C₂₆H₄₄N₂O₁₀S
2-(tert-Butylamino)-1-(4-hydroxy-3-hydroxymethylphenyl)ethanol sulfate (2:1).
Sch-13949W Sulfate; Aerolin; Asmaven; Broncovaleas; Cetsim; Cobutolin; Ecovent; Loftan; Proventil; Salbumol; Salbutard; Salbutine; Salbuvent; Sultanol; Ventelin; Ventodisks; Ventolin; Volma. Bronchodilator; tocolytic. Ephedrine derivative.

6881 Alifedrine

78756-61-3
C₁₈H₂₇NO₂
1-Cyclohexyl-3-[[[(αS,βR)-β-hydroxy-α-methylphenethyl]amino]-1-propanone.
A novel beta-adrenergic partial agonist.

6882 Bambuterol

81732-65-2 980
C₁₈H₂₉N₃O₅
(±)-5-[2-(tert-Butylamino)-1-hydroxyethyl]-m-phenylene bis(diethylcarbamate).
terbutaline bisdimethylcarbamate. Bronchodilator. Ester prodrug of the β₂-adrenergic agonist terbutaline.

Ephedrine derivative.

6883 Bambuterol Hydrochloride

81732-46-9 980
C₁₈H₃₀ClN₃O₅
(±)-5-[2-(tert-Butylamino)-1-hydroxyethyl]-m-phenylene bis(diethylcarbamate) monohydrochloride.
KWD-2183; Bambec. Bronchodilator. Ephedrine derivative.

6884 Bitolterol

30392-40-6 1344
C₂₈H₃₁NO₅
4-[2-(tert-Butylamino)-1-hydroxyethyl]-o-phenylene di-p-toluate.
Bronchodilator. α₂-adrenergic agonist; a diester of N-tert-butyl norepinephrine. Ephedrine derivative.

6885 Bitolterol Mesylate

30392-41-7 1344
C₂₉H₃₅NO₈S
4-[2-(tert-Butylamino)-1-hydroxyethyl]-o-phenylene di-p-toluate methanesulfonate (salt).
bitolterol methanesulfonate; Win-32784; Biterol; Effectin; Tornalate. Bronchodilator. Ephedrine derivative. mp = 170-172°; soluble in DMSO.

6886 Bornaprolol

66451-06-7
C₁₉H₂₉NO₂
1-(Isopropylamino)-3-(o-2-exo-norbornylphenoxy)-2-propanol.
A beta-adrenergic antagonist.

6887 Carbuterol

34866-47-2 1882 252-257-5
C₁₃H₂₁N₃O₃
[5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-2-hydroxyphenyl]urea.
Bronchodilator. β-Adrenergic agonist related to isoproterenol, with selectivity for airway smooth muscle receptors. Ephedrine derivative. mp = 174-176°; LD₅₀ (mus iv) = 32.8 mg/kg, (rat iv) = 77.2 mg/kg, (mus orl) = 3134.6 mg/kg.

6888 Carbuterol Hydrochloride

34866-46-1 1882
C₁₃H₂₂ClN₃O₃
[5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-2-hydroxyphenyl]urea monohydrochloride.
SKF-40383; Bronsecur; Pirem. Bronchodilator. Ephedrine derivative. mp = 204-207° (dec).

6889 Clenbuterol

37148-27-9 2407 253-366-0
C₁₂H₁₈N₂O
4-Amino-α-[(tert-butylamino)methyl]-3,5-dichlorobenzyl alcohol.
NAB-365; Monores. Bronchodilator. Substituted phenylethanolamine with β₂ sympathomimetic activity. Ephedrine derivative.

6890 Clenbuterol Hydrochloride

21898-19-1 2407
C₁₂H₁₉ClN₂O

4-Amino- α -[(tert-butylamino)methyl]-3,5-dichlorobenzyl alcohol monohydrochloride.
 NAB-365Cl; Spiropent; Ventipulmin. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. mp = 174-175°; soluble in H₂O, MeOH, EtOH; slightly soluble in CHCl₃; insoluble in C₆H₆; LD₅₀ (mus orl) = 176 mg/kg, (rat orl) = 315 mg/kg, (gpg orl) = 67.1, (mus iv) = 27.6 mg/kg.

6891 Clorprenaline

3811-25-4 2470 223-291-8
 C₁₁H₁₆ClNO
 o-Chloro- α -[(isopropylamino)methyl]benzyl alcohol.
 isopropfenamine; isoprofenamine. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative.

6892 Clorprenaline Hydrochloride

6933-90-0 2470 230-058-4
 C₁₁H₁₇Cl₂NO
 o-Chloro- α -[(isopropylamino)methyl]benzyl alcohol hydrochloride.
 Bronchodilator. β -Adrenergic agonist. Ephedrine derivative.

6893 Clorprenaline Hydrochloride Monohydrate

588-22-7 2470
 C₁₁H₁₉Cl₂NO₂
 o-Chloro- α -[(isopropylamino)methyl]benzyl alcohol hydrochloride monohydrate.
 Broncon; Clopinerin; Conselt; Fusca; Kalutein; Pentadoll; Restanolon. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. mp = 163-164°.

6894 Denopamine

71771-90-9 2943
 C₁₈H₂₃NO₄
 (-)-(R)- α -[[(3,4-Dimethoxyphenethyl)amino]methyl]-p-hydroxybenzyl alcohol.
 TA-064; Carguto; Kalgut. Cardiotonic. [l-form hydrochloride]: mp = 138-139.5°; [α]_D²⁵ = -38.0° (c = 1 MeOH); [dl-form hydrochloride]: mp = 164-167°. *Tanabe Seiyaku*.

6895 Dioxethedrin

497-75-6 3356 207-849-8
 C₁₁H₁₇NO₃
 α -(1-Ethylaminoethyl)protocatechuyl alcohol.
 dioxethedrine; component of: Bexol. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative.

6896 Dioxethedrin Hydrochloride

3356
 C₁₁H₁₈ClNO₃
 α -(1-Ethylaminoethyl)protocatechuyl alcohol hydrochloride.
 dioxethedrine hydrochloride. Bronchodilator. β -Adrenergic agonist. mp = 212-214°.

6897 Dopexamine

86197-47-9 3482
 C₂₂H₃₂N₂O₂
 4-[2-[[[6-(Phenethylamino)hexyl]amino]ethyl]-pyrocatechol.
 FPL-60278; Dopacard. Cardiotonic. *Fisons plc, Pharmaceuticals Div.*

6898 Dopexamine Hydrochloride

86484-91-5 3482
 C₂₂H₃₃ClN₂O₂
 4-[2-[[[6-(Phenethylamino)hexyl]amino]ethyl]-pyrocatechol hydrochloride.
 FPL-60278AR. Cardiotonic. [hydrobromide]: mp = 227-228°. *Fisons plc, Pharmaceuticals Div.*

6899 Ephedrine

90-81-3 3645 202-017-0
 C₁₀H₁₅NO
 α -[1-(Methylamino)ethyl]benzenemethanol.
 1-phenyl-2-methylaminopropanol; racemic ephedrine [dl-form]; racephedrine [dl-form]. Adrenergic (bronchodilator). α - and β -adrenergic agonist. Occurs in Ma Huang and other Ephedra species. [(dl)-form]: mp = 79°; soluble in H₂O, EtOH, Et₂O, CHCl₃, oils.

6900 Ephedrine Hydrochloride

134-71-4 3645 205-153-9
 C₁₀H₁₆ClNO
 α -[1-(Methylamino)ethyl]benzenemethanol hydrochloride.
 racephedrine hydrochloride [dl-form]; Ephetonin [dl-form]. Adrenergic (bronchodilator). α - and β -adrenergic agonist. Occurs in Ma Huang and other Ephedra species. [(dl)-form]: mp = 187-188°; soluble in H₂O (25 g/100 ml); somewhat soluble in EtOH; nearly insoluble in Et₂O; pH 6.

6901 Ephedrine Sulfate

134-27-5 3645
 C₁₀H₁₇NO₄S
 α -[1-(Methylamino)ethyl]benzenemethanol sulfate.
 racephedrine sulfate [dl-form]. Adrenergic (bronchodilator). α - and β -adrenergic agonist. Occurs in Ma Huang and other Ephedra species. mp (dl-form) = 247°; soluble in H₂O, EtOH; pH 6.

6902 l-Ephedrine

299-42-3 3645 206-080-5
 C₁₀H₁₅NO
 L-Erythro-2-(methylamino)-1-phenylpropan-1-ol.
 (-)-ephedrine. Bronchodilator. Adrenergic agonist. Waxy solid; may contain up to 1/2 mole H₂O; mp = 34°; bp = 255°; somewhat soluble in H₂O (5 g/100 ml); more soluble in EtOH (500 g/100 ml), CHCl₃, Et₂O, oils.

6903 l-Ephedrine Hydrochloride

50-98-6 3645 200-074-6
 C₁₀H₁₆ClNO
 L-Erythro-2-(methylamino)-1-phenylpropan-1-ol hydrochloride.
 Ephedral; Sandrine; component of: Amesec, Bena-Fedrin, Muldrane GG Elixir, Primatene Tablets, Quadral, Quibron Plus, Tedral. Bronchodilator. Adrenergic agonist. mp = 216-220°; [α]_D²⁵ = -33 - -35.5 (c = 5); soluble in H₂O (33.3 g/100 ml), EtOH (7.1 g/100 ml); nearly insoluble in Et₂O, CHCl₃.

6904 l-Ephedrine Sulfate

134-72-5 3645 205-154-4
 C₂₀H₃₂N₂O₆
 L-Erythro-2-(methylamino)-1-phenylpropan-1-ol sulfate

(2:1) salt.

Isofedrol. Bronchodilator. Adrenergic agonist. mp = 245° (dec); $[\alpha]_D^{25} = -29.5 - -32.0$ (c = 5); soluble in H₂O (83 g/100 ml), hot EtOH.

6905 Epinephrine

51-43-4 3656 200-098-7

C₉H₁₃NO₃

(R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol. l-methylaminoethanolcatechol; adrenalin; levorenen; Bronkaid Mist; Epifrin; Epiglaufirin; Eppy; Glaucon; Glauposine; Primatene Mist; Simplane; Sus-phrine; Suprarenaline. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma. Endogenous catecholamine with combined α - and β -agonist activity. Principal sympathomimetic hormone produced by the adrenal medulla. mp = 211-212°; dec 215°; $[\alpha]_D^{25} = -50.0^\circ - -53.5^\circ$ (in 0.6N HCl); slightly soluble in H₂O, EtOH; soluble in aqueous solutions of mineral acids; insoluble in aqueous solutions of ammonia and alkali carbonates; insoluble in Et₂O, Me₂CO, oils; LD₅₀ (mus ip) = 4 mg/kg.

6906 Epinephrine d-Bitartrate

51-42-3 3656 200-097-1

C₁₃H₁₉NO₉

(R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol [R-(R*,R*)]-2,3-dihydroxybutanedioate (1:1) (salt). Asmatane Mist; Astmahaler Epitrate; Medihaler-Epi; Primatene Mist Suspension; component of: Astmahaler, E-Pilo. Adrenergic (ophthalmic). mp = 147-154° (some decomposition); soluble in H₂O (30 g/100 ml); slightly soluble in EtOH.

6907 Epinephrine Hydrochloride

51-31-2 3656

C₉H₁₄ClNO₃

(R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol hydrochloride.

Adrenalin; Epifrin; Glaucon; Suprarenin. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma.

6908 Epinephryl Borate

5579-16-8 226-961-8

C₉H₁₂BNO₄

(R)-2-Hydroxy- α -[(methylamino)methyl]-1,3,2-benzodioxaborole-5-methanol.

Epinal; Eppy/N. Adrenergic (ophthalmic).

6909 dl-Epinephrine

329-65-7 3656 206-347-6

C₉H₁₃NO₃

($\pm$)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol. racepinefrine; racepinephrine. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma. Sparingly soluble in H₂O, EtOH.

6910 dl-Epinephrine Hydrochloride

329-63-5 3656 206-346-0

C₉H₁₄ClNO₃

($\pm$)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol hydrochloride.

Asthmanefrin; Vaponefrin. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma. mp = 157°; soluble in H₂O; sparingly soluble in absolute EtOH.

6911 Etafedrine

5591-29-7 3752 227-000-5

C₁₂H₂₀ClNO

α -[1-(Ethylmethylamino)ethyl]benzenemethanol hydrochloride.

Nethamine; component of: Nethaphyl. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. mp = 183-184°; soluble in H₂O (67 g/100 ml), EtOH (12.5 g/100 ml).

6912 Etafedrine Hydrochloride

7681-79-0 3752 231-677-2

C₁₂H₁₉NO

α -[1-(Ethylmethylamino)ethyl]benzenemethanol.

Menetryl; Novedrine. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative.

6913 Ethylnorepinephrine

536-24-3 3880

C₁₀H₁₅NO₃

4-(2-Amino-1-hydroxybutyl)-1,2-benzenediol.

ethylnoradrenaline; ethylnoradrenalin; E.N.E; E.N.S. Bronchodilator. Ephedrine derivative.

6914 Ethylnorepinephrine Hydrochloride

3198-07-0 3880

C₁₀H₁₆ClNO₃

4-(2-Amino-1-hydroxybutyl)-1,2-benzenediol hydrochloride.

Bronkephrine. Bronchodilator. Ephedrine derivative. Dec 199-200°; soluble in H₂O.

6915 Fenoterol

13392-18-2 4022

C₁₇H₂₁NO₄

5-[1-Hydroxy-2-[[2-(4-hydroxyphenyl)-1-methylethyl]-amino]ethyl]-1,3-benzenediol.

TH-1165. Bronchodilator; tocolytic. β -Adrenergic agonist. Ephedrine derivative.

6916 Fenoterol Hydrobromide

1944-12-3 4022

C₁₇H₂₂BrNO₄

5-[1-Hydroxy-2-[[2-(4-hydroxyphenyl)-1-methylethyl]-amino]ethyl]-1,3-benzenediol hydrobromide.

TH-1165a; Airum; Berotec; Dosberotec; Partusisten. Bronchodilator; tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 222-223°; LD₅₀ (mus sc) = 1100 mg/kg, (mus orl) = 1990 mg/kg.

6917 Fenspiride

5053-06-5 4041 225-751-3

C₁₅H₂₀N₂O₂

8-(2-Phenylethyl)-1-oxa-3,8-diazaspiro[4.5]decan-2-one.

decaspiride; DESP. Bronchodilator. α -Adrenergic blocker.

Marion Merrell Dow Inc.

6918 Fenspiride Hydrochloride

5053-08-7 4041 225-752-9

C₁₅H₂₁ClN₂O₂

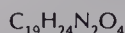
8-(2-Phenylethyl)-1-oxa-3,8-diazaspiro[4.5]decan-2-one monohydrochloride.

NAT-333; NDR-5998A; Decaspir; Fluiden; Pneumorel; Respiride; Tefencia; Viorespan. Bronchodilator. mp = 232-233°; soluble in H₂O; LD₅₀ (mus iv) = 106 mg/kg, (rat orl) = 437 mg/kg. Marion Merrell Dow Inc.; C.M.

Industries.

6919 Formoterol

73573-87-2 4272

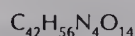


(±)-2'-Hydroxy-5'-[(RS)-1-hydroxy-2-[(RS)-p-methoxy-α-methylphenyl]amino]ethyl]formanilide.

CGP-25827A. Antiasthmatic. α-Adrenoceptor stimulatory catecholamine analog with selective bronchodilator activity. Ephedrine derivative.

6920 Formoterol Fumarate Dihydrate

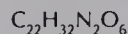
43229-80-7 4272



(±)-2'-Hydroxy-5'-[(RS)-1-hydroxy-2-[(RS)-p-methoxy-α-methylphenyl]amino]ethyl]formanilide fumarate dihydrate.

BD-40A; Atock; Foradil. Antiasthmatic. α-Adrenoceptor stimulatory catecholamine analog with selective bronchodilator activity. Ephedrine derivative. mp = 138-140°; LD₅₀ (mrat orl) = 3130 mg/kg, (mrat iv) = 98 mg/kg, (mrat sc) = 1000 mg/kg, (mrat ip) = 170 mg/kg.**6921 Hexoprenaline**

3215-70-1 4745



α,α'-[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol).

BYK-1512. Bronchodilator; tocolytic. β-Adrenergic agonist. Ephedrine derivative. [hemihydrate]: mp = 162-165°.

6922 Hexoprenaline Dihydrochloride

4323-43-7 4745



α,α'-[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol) dihydrochloride.

ST-1512; Ipradol. Bronchodilator; tocolytic. β-Adrenergic agonist. Ephedrine derivative. mp = 197.5-198°.

6923 Hexoprenaline Sulfate

32266-10-7 4745

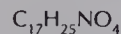


α,α'-[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol) sulfate.

Bronalin; Delaprem; Etoscol; Gynipral; Ipradol; Leanol. Bronchodilator; tocolytic. β-Adrenergic agonist. Ephedrine derivative. mp = 222-228°.

6924 Ibopamine

66195-31-1 4921 266-229-S



4-[2-(Methylamino)ethyl]-o-phenylene diisobutyrate.

Cardiotonic. *SmithKline Beecham Pharmaceuticals; Simes S.p.A.***6925 Ibopamine Hydrochloride**

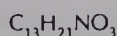
75011-65-3 4921 278-056-2



4-[2-(Methylamino)ethyl]-o-phenylene diisobutyrate hydrochloride.

SB-7505; Inopamil; Scandine. Cardiotonic. mp = 132°. *SmithKline Beecham Pharmaceuticals; Simes S.p.A.***6926 Isoetharine**

530-08-S 5185 208-472-1

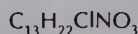


3,4-Dihydroxy-α-[1-(isopropylamino)propyl]benzyl alcohol.

etyprenaline; isoetarine; Win-3406; Dilabron; Neoisuprel. Bronchodilator. Ephedrine derivative.

6927 Isoetharine Hydrochloride

2576-92-3 5185

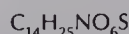


3,4-Dihydroxy-α-[1-(isopropylamino)propyl]benzyl alcohol hydrochloride.

Asthmalitan; Bronkosol; Numotac. Bronchodilator. Ephedrine derivative. mp = 212-213° (dec).

6928 Isoetharine Mesylate

7279-75-6 5185

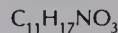


3,4-Dihydroxy-α-[1-(isopropylamino)propyl]benzyl alcohol methanesulfonate (salt).

Bronkometer. Bronchodilator. Ephedrine derivative.

6929 Isoproterenol

7683-59-2 5326 231-687-7



3,4-Dihydroxy-α-[(isopropylamino)methyl]benzyl alcohol.

epinephrine isopropyl homolog; isoprenaline; dihydroxyphenylethanolisopropylamine; *N*-isopropylnoradrenaline; A-21; Aludrin; Aleudrin; Isuprel; Norisodrine; Asiprenol; Asmalar; Neo-Epinephrine; Novodrin; Isupren; Neodrenal; Isopropydrin; Assiprenol; Respiifal; Bellasthman; Saventrine; Protrenol; Isorelin; Vapo-N-Iso; Isonorin. Bronchodilator; anticholinergic. β-Adrenergic agonist; catecholamine derivative. Ephedrine derivative. [(dl)-form]: mp = 155.5°; [(l)-form]: mp = 164-165°; [α]_D¹⁹ = -45.0° (c = 2 in 2N HCl); pKa = 8.64; LD₅₀ (male rat orl) = 3675 mg/kg.**6930 Isoproterenol Hydrochloride**

51-30-9 5326 200-089-8



3,4-Dihydroxy-α-[(isopropylamino)methyl]benzyl alcohol hydrochloride.

Aerolone; Aerotrol; Euspiran; Isomenyl; Isovon; Mistarel; Suscardia; component of: Aerolone Solution, Duo-Medihaler. Bronchodilator; anticholinergic. Ephedrine derivative. [(dl)-form]: mp = 170-171° [(l)-form]: deco 162-164°; [α]_D¹⁹ = -50°; soluble in H₂O; less soluble in EtOH; nearly insoluble in many organic solvents; LD₅₀ (rat orl) 2220 mg/kg.**6931 Isoproterenol Sulfate**

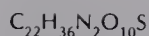
6700-39-6 5326



3,4-Dihydroxy-α-[(isopropylamino)methyl]benzyl alcohol sulfate (2:1) salt dihydrate.

Aludrin; Isomist; Propal; Luf-Iso; Medihaler Iso. Bronchodilator; anticholinergic. Ephedrine derivative. [(dl)-form]: mp = 128° (with some decomposition); soluble in H₂O (25 g/100 ml); slightly soluble in EtOH; nearly insoluble in many organic solvents.**6932 Isoproterenol Sulfate Anhydrous**

299-95-6 5326 206-085-2

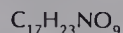


3,4-Dihydroxy- α -[(isopropylamino)methyl]benzyl alcohol sulfate (2:1) salt.

isoprenaline sulfate. Bronchodilator; anticholinergic. Ephedrine derivative.

6933 L-Isoproterenol D-Bitartrate

54750-10-6 5326 259-322-7



L-3,4-Dihydroxy- α -[(isopropylamino)methyl]benzyl alcohol D-Bitartrate.

Isolevin [dihydrate form]. Bronchodilator; anticholinergic. Ephedrine derivative. mp (dihydrate) = 80-83° (sinters at 78°); $[\alpha]_{\text{D}}^{19}$ (dihydrate) = -14.9° (c = 2.31).

6934 Mabuterol

56341-08-3 5674



4-Amino- α -[(tert-butylamino)methyl]-3-chloro-5-(trifluoromethyl)benzyl alcohol.

ambuterol. Bronchodilator. Orally active β -adrenergic agonist related to clenbuterol. Ephedrine derivative.

6935 dl-Mabuterol Hydrochloride

95656-48-7 5674

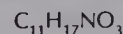


4-Amino- α -[(tert-butylamino)methyl]-3-chloro-5-(trifluoromethyl)benzyl alcohol hydrochloride.

KF-868; PB-868Cl; Broncholin. Bronchodilator. Ephedrine derivative. mp = 205-206°; somewhat soluble in H_2O ; LD_{50} (mmus ip) = 60.3 mg/kg, (mmus orl) = 220.8 mg/kg.

6936 Metaproterenol

586-06-1 5992 209-569-1



1-(3,5-Dihydroxyphenyl)-2-isopropylaminoethanol.

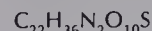
orcioprenaline. Bronchodilator. Ephedrine derivative. mp = 100°.

6937 Metaproterenol Polistirex

Sulfonated styrene-divinylbenzene copolymer complex with 1-(3,5-dihydroxyphenyl)-2-isopropylaminoethanol. Bronchodilator. Fisons.

6938 Metaproterenol Sulfate

5874-97-5 5992 227-539-6

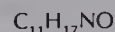


1-(3,5-Dihydroxyphenyl)-2-isopropylaminoethanol sulfate (2:1).

orcioprenaline sulfate; TH-152; Alotec; Alupent; Metaprel; Novasmasol. Bronchodilator. Ephedrine derivative. mp = 202-203°; LD_{50} (rat orl) = 42 mg/kg.

6939 Methoxyphenamine

93-30-1 6077 202-237-7



2-Methoxy-N, α -dimethylbenzeneethanamine.

Bronchodilator. β -Adrenergic agonist. Oil; bp_2 = 97-99°.

6940 Methoxyphenamine Hydrochloride

5588-10-3 6077 226-993-2

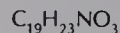


2-Methoxy-N, α -dimethylbenzeneethanamine hydrochloride.

Proasma; Orthoxine; component of: Orthoxicol. Bronchodilator. β -Adrenergic agonist. mp = 129-131°; soluble in H_2O , EtOH, CHCl_3 ; slightly soluble in Et_2O , C_6H_6 ; pH (5% aqueous solution) = 5.3-5.7.

6941 Oxyfedrine

15687-41-9 7096



3-[[$(\alpha\text{S},\beta\text{R})$ - β -Hydroxy- α -methylphenethyl]amino]-3'-methoxypropiofenone.

oxyphedrine. Cardiotonic and antianginal. Used to treat cardiac insufficiency. Degussa AG.

6942 Oxyfedrine DL-form Hydrochloride

16648-69-4 7096 240-696-5



(DL)-3-[[$(\alpha\text{S},\beta\text{R})$ - β -Hydroxy- α -methylphenethyl]amino]-3'-methoxypropiofenone.

Cardiotonic and antianginal. Used to treat cardiac insufficiency. mp = 173-175°; LD_{50} (mus iv) = 34 mg/kg. Degussa AG.

6943 Oxyfedrine L-form Hydrochloride

16777-42-7 7096 240-828-1

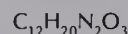


(L)-3-[[$(\alpha\text{S},\beta\text{R})$ - β -Hydroxy- α -methylphenethyl]amino]-3'-methoxypropiofenone.

D-563; Ildamen; Modacor. Cardiotonic and antianginal. Used to treat cardiac insufficiency. mp = 192-194°; LD_{50} (mus iv) = 29 mg/kg. Degussa AG.

6944 Pirbuterol

38677-81-5 7644

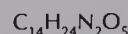


α -[(tert-Butylamino)methyl]-3-hydroxy-2,6-pyridinedimethanol.

Bronchodilator. Analog of albuterol, a β_2 -adrenergic agonist. Ephedrine derivative.

6945 Pirbuterol Acetate

65652-44-0 7644 265-862-4

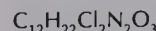


α -[(tert-Butylamino)methyl]-3-hydroxy-2,6-pyridinedimethanol monoacetate.

CP-24314-14; Maxair; Spirolair. Bronchodilator. Ephedrine derivative.

6946 Pirbuterol Hydrochloride

38029-10-6 7644 253-751-3



α -[(tert-Butylamino)methyl]-3-hydroxy-2,6-pyridinedimethanol dihydrochloride.

CP-24314-1; Broncoco; Exirel. Bronchodilator. Ephedrine derivative. mp = 182° (dec).

6947 Prenalterol

57526-81-5 7917 260-791-5



(-)-(S)-1-(p-Hydroxyphenoxy)-3-(isopropylamino)-2-propanol.

A β_1 -adrenergic agonist, used as a cardiotonic. mp = 127-128°; $[\alpha]_{\text{D}}^{20}$ = -1° $\pm$ 1°, $[\alpha]_{\text{H}}^{20}$ = 2° $\pm$ 1° (c = 0.940 MeOH). Ciba-Geigy Corp.

6948 Prenalterol Hydrochloride

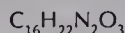
61260-05-7 7917 262-676-5



(-)-(S)-1-(p-Hydroxyphenoxy)-3-(isopropylamino)-2-propanol hydrochloride.

H133/22; CGP-7760B; Hyprenan; Varebian. A β_1 -adrenergic agonist, used as a cardiotonic. *Ciba-Geigy Corp.***6949 Procaterol**

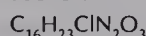
72332-33-3 7939 276-590-0



(±)-Erythro-8-Hydroxy-5-[1-hydroxy-2-(isopropylamino)butyl]carbostyryl.

Bronchodilator. Symphathomimetic amine with selective β_2 -adrenergic agonist activity. Ephedrine derivative.**6950 Procaterol Hydrochloride**

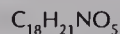
59828-07-8 7939



(±)-Erythro-8-Hydroxy-5-[1-hydroxy-2-(isopropylamino)butyl]carbostyryl.

Cl-888; OPC-2009; Lontermine; Masacin; Meptin; Onsulil; Pro-Air; Procadil; Promaxol; Propulum. Bronchodilator. Ephedrine derivative. {hemihydrate}: mp = 193-197° (dec); soluble in MeOH; slightly soluble in EtOH; nearly insoluble in Me₂CO, Et₂O, EtOAc, CHCl₃, C₆H₆; LD₅₀ (mat orl) = 2600 mg/kg; (mrat iv) = 80 mg/kg.**6951 Protokylol**

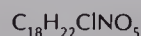
136-69-6 7644 205-255-3



4-[2-[[2-(1,3-Benzodioxol-5-yl)-1-methylethyl]amino]-1-hydroxyethyl]-1,2-benzenediol.

Bronchodilator. β -Adrenergic agonist. Ephedrine derivative.**6952 Protokylol Hydrochloride**

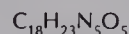
136-70-9 7939 205-254-8



4-[2-[[2-(1,3-Benzodioxol-5-yl)-1-methylethyl]amino]-1-hydroxyethyl]-1,2-benzenediol hydrochloride.

JB-251; Caytine; Ventaire. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. mp = 126-127°; soluble in H₂O; LD₅₀ (rat orl) 940 mg/kg.**6953 Reproterol**

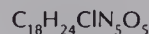
54063-54-6 8307 258-956-1



7-[3-[[2-(3,5-Dihydroxyphenyl)-2-hydroxyethyl]amino]-propyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione.

D-1959. Bronchodilator. Theophylline derivative with selective β_2 receptor activity. Ephedrine derivative.**6954 Reproterol Hydrochloride**

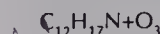
13055-82-8 8308 235-942-3



7-[3-[[2-(3,5-Dihydroxyphenyl)-2-hydroxyethyl]amino]-propyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione monohydrochloride.

D-1959-HCl; W-2946M; Asmaterolo; Bronchodil; Bronchospasmin. Bronchodilator. Ephedrine derivative. mp = 249-250°; LD₅₀ (mus iv) = 148 mg/kg, (mus orl) > 10000 mg/kg.**6955 Rimiterol**

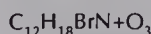
32953-89-2 8393 251-305-2



(R*,S*)-4-(Hydroxy-2-piperidinylmethyl)-1,2-benzenediol. Bronchodilator. Ephedrine derivative. mp = 203-204°.

6956 Rimiterol Hydrobromide

31842-61-2 8393 250-834-6

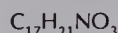


(R*,S*)-4-(Hydroxy-2-piperidinylmethyl)-1,2-benzenediol hydrobromide.

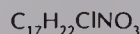
R-798; WG-253; Asmaten; Pulmadil. Bronchodilator. Ephedrine derivative. mp = 220° (dec).

6957 Ritodrine

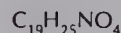
26652-09-5 8401 247-879-9

Erythro-p-hydroxy- α -[1-[(p-hydroxyphenethyl)amino]-ethyl]benzyl alcohol.A β -adrenergic agonist and tocolytic. mp = 88-90°. *Astra Chemicals Ltd.; Teva*.**6958 Ritodrine Hydrochloride**

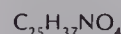
23239-51-2 8401 245-514-8

Erythro-p-hydroxy- α -[1-[(p-hydroxyphenethyl)amino]-ethyl]benzyl alcohol hydrochloride.Pre-Par; Yutopar; DU-21220; Miolene; Prempar; Utemerin; Utopar. A β -adrenergic agonist and tocolytic. mp = 193-195° (dec); λ_m = 267.5 nm (ϵ 3310). *Astra Chemicals Ltd.; Teva*.**6959 Salmefamol**

18910-65-1 242-662-5

 α -[[(p-Methoxy- α -methylphenylethylamino)methyl]-4-hydroxy-m-xylene- α,α' -diol].AH-3923. β_2 -Adrenergic agonist; bronchodilator.**6960 Salmeterol**

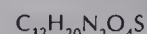
89365-50-4 8489

(±)-4-Hydroxy- α' -[[[6-(4-phenylbutoxy)hexyl]-amino)methyl]-m-xylene- α,α' -diol.GR-33343X. Bronchodilator. Structural analog of albuterol. β_2 -Adrenergic agonist. Ephedrine derivative. mp = 75.5-76.5°. Glaxo.**6961 Salmeterol Xinafoate**

49749-08-3 8489

(±)-4-Hydroxy- α' -[[[6-(4-phenylbutoxy)hexyl]amino]-methyl]-m-xylene- α,α' -diol 1-hydroxy-2-naphthoate (salt).GR-3343G; Arial; Salmeterdur; Serevent. Bronchodilator. Ephedrine derivative. mp = 137-138°; soluble in MeOH; slightly soluble in EtOH, CHCl₃, iPrOH; sparingly soluble in H₂O.**6962 Soterenol**

13642-52-9 8877



2'-Hydroxy-5'-[1-hydroxy-2-(isopropylamino)ethyl]-methanesulfonamide.

MJ-1992. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative.

6963 Soterenol Hydrochloride

14816-67-2 8877

$C_{12}H_{21}ClN_2O_4S$

2'-Hydroxy-5'-[1-hydroxy-2-(isopropylamino)ethyl]-methanesulfonamide monohydrochloride.

Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. mp = 195.5-196.5° (dec); LD₅₀ (mus iv) = 41 mg/kg, (mus ip) = 315 mg/kg, (mus orl) = 660 mg/kg.

6964 Terbutaline

23031-25-6 9302 245-385-8

$C_{12}H_{19}NO_3$

5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-1,3-benzenediol.

Bronchodilator; tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 119-120°.

6965 Terbutaline Sulfate

23031-32-5 9302 245-386-3

$C_{24}H_{40}N_2O_{10}S$

5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-1,3-benzenediol sulfate (2:1) (salt).

KWD-2019; Brethaire; Brethine; Bricanyl; Butaliret; Monovent; Terbasmin; Terbul. Bronchodilator; tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 246-248°; λ_m = 276 nm ($A_{1cm}^{1\%}$ 67.6 0.1 N HCl); pKa₁ = 8.8, pKa₂ = 10.1, pKa₃ = 11.2; soluble in H₂O (>2.0 g/100 ml), 0.1N HCl (>2.0 g/100 ml), 0.1N NaOH (>2.0 g/100 ml), EtOH (0.012 g/100 ml), 10% EtOH (>2.0 g/100 ml), MeOH (0.27 g/100 ml).

6966 Theodrenaline

13460-98-5

$C_{17}H_{21}N_5O_5$

7-[2-[2-(3,4-Dihydroxyphenyl)-2-hydroxyethylamino]-ethyl]theophylline.

Akrinor. Theophylline derivative. Betamimetic catecholamine. Vasoconstrictor. Used to treat hypotension.

6967 Trecadrine

90845-56-0

$C_{27}H_{29}NO$

(1R,2S)- α -[1-[[2-(10,11-Dihydro-5H-dibenzo[a,d]-cyclohexen-5-ylidene)ethyl]methylamino]ethyl]benzyl alcohol.

beta 3 Adrenergic agonist with potential anti-diabetic properties.

6968 Tretokinol

30418-38-3 9719

$C_{19}H_{23}NO_5$

1,2,3,4-Tetrahydro-1-(3,4,5-trimethoxybenzy)-6,7-isoquinolinediol.

trimethoquinol. Bronchodilator.

6969 Tretokinol

30418-38-3 9719

$C_{19}H_{23}NO_5$

($\pm$)-1,2,3,4-Tetrahydro-1-(3,4,5-trimethoxybenzyl)-6,7-isoquinolinediol.

trimethoquinol; trimetoquinol; AQ-110 [as l-form hydrochloride]; Inolin [as l-form hydrochloride]; Vems [as

l-form hydrochloride]. A catecholamine. A highly potent beta₂-adrenoceptor and site-selective thromboxane A₂/prostaglandin H₂ receptor ligand. l-Form hydrochloride acts as a bronchodilator. Dec 224.5-226°.

6970 L-Tretoquinol Hydrochloride

18559-63-2 9719

$C_{19}H_{24}ClNO_5$

L-1,2,3,4-Tetrahydro-1-(3,4,5-trimethoxybenzy)-6,7-isoquinolinediol monohydrochloride.

AQ-110; Inolin; Vems. Bronchodilator. Soluble in H₂O, EtOH; [dl-form]: dec 224.5-226°.

6971 Tulobuterol

41570-61-0 9942

$C_{12}H_{18}ClNO$

2-Chloro- α -[[[(1,1-dimethylethyl)amino]methyl]-benzenemethanol.

Bronchodilator. β -Adrenergic receptor agonist, related structurally to terbutaline, an ephedrine derivative. mp = 89-91°; LD₅₀ (mmus orl) = 305 mg/kg, (mrat orl) = 850 mg/kg, (mrbt orl) = 563 mg/kg, (mmus sc) = 170 mg/kg, (mrat sc) = 417 mg/kg, (mrbt sc) = 164 mg/kg.

6972 Tulobuterol

41570-61-0

$C_{12}H_{18}ClNO$

α -[(tert-Butylamino)methyl]-o-chlorobenzyl alcohol.

HN-078; HOKU-81. Used in treatment of asthma. β_2 -Adrenergic agonist; Bronchodilator.

6973 Tulobuterol Hydrochloride

56776-01-3 9942

$C_{12}H_{19}Cl_2NO$

2-Chloro- α -[[[(1,1-dimethylethyl)amino]methyl]-benzenemethanol hydrochloride.

Atenos; Berachin; Brelomax; Bremax; Hokunalin; Respascal. Bronchodilator. β -Adrenergic receptor agonist. Ephedrine derivative.

6974 Xamoterol

81801-12-9 10189

$C_{16}H_{25}N_3O_5$

($\pm$)-N-[2-[2-Hydroxy-3-(p-hydroxyphenoxy)propyl]-amino]ethyl]-4-morpholinecarboxamide.

Cardiotonic. *ICI*.

6975 Xamoterol Hemifumarate

73210-73-8 10189 277-319-9

$C_{36}H_{54}N_6O_{14}$

($\pm$)-N-[2-[2-Hydroxy-3-(p-hydroxyphenoxy)propyl]-amino]ethyl]-4-morpholinecarboxamide fumarate (2:1) (salt).

Carwin; Corwin; Xamtol. Cardiotonic. mp = 168-169° (dec). *ICI*.

beta-Adrenergic Blockers

6976 Acebutolol

37517-30-9 16 253-539-0

$C_{18}H_{28}N_2O_4$

($\pm$)-3'-Acetyl-4'-[2-hydroxy-3-(1-methylethylamino)-propoxy]butyranilide.

Monitan; Sectral; Prent. Antianginal agent. Class II anti-

arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 119-123°.

6977 Acebutolol Hydrochloride

34381-68-5 16 251-980-3
 $C_{18}H_{29}ClN_2O_4$
 ($\pm$)-3'-Acetyl-4'-[2-hydroxy-3-(1-methylethylamino)-propoxy]butylanilide hydrochloride.
 IL-17803A; M&B-17803A; Acetanol; Neptall; Sectral. Antianginal agent. Class II anti-arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 141-143°; soluble in H_2O (20 g/100 ml), EtOH (7 g/100ml).

6978 Alprenolol

13655-52-2 321 237-140-9
 $C_{15}H_{23}NO_2$
 1-(o-Allylphenoxy)-3-(isopropylamino)-2-propanol.
 H 56/28. Antianginal agent. Anti-arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. *ICI*.

6979 Alprenolol Hydrochloride

13707-88-5 321 237-244-4
 $C_{15}H_{24}ClNO_2$
 1-(o-Allylphenoxy)-3-(isopropylamino)-2-propanol hydrochloride.
 Applobal; Aprobal; Aptine; Aptol Duriles; Gubernat; Regletin; Yobir. Antianginal agent. Class II anti-arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 107-109°; LD₅₀ (mus orl) = 278.0 mg/kg, (rat orl) = 597.0 mg/kg, (rbt orl) = 337.3 mg/kg. *ICI*.

6980 Amosulalol

85320-68-9 614
 $C_{18}H_{24}N_2O_5S$
 ($\pm$)-5-[1-Hydroxy-2-[[2-(o-methoxyphenoxy)ethyl]-amino]ethyl]-o-toluenesulfonamide.
 Antihypertensive agent. *Yamanouchi U.S.A. Inc.*

6981 Amosulalol Hydrochloride

93633-92-2 614
 $C_{18}H_{25}ClN_2O_5S$
 ($\pm$)-5-[1-Hydroxy-2-[[2-(o-methoxyphenoxy)ethyl]-amino]ethyl]-o-toluenesulfonamide hydrochloride.
 YM-09538; Lowgan. Antihypertensive agent. mp = 158-160°; [R(-)-form]: mp = 158°; $[\alpha]_D^{20} = -30.4^\circ$ (c = 1 MeOH); [S(+)-form]: mp = 158°; $[\alpha]_D^{20} = 30.7^\circ$ (c = 1 MeOH). *Yamanouchi U.S.A. Inc.*

6982 Arnolol

87129-71-3
 $C_{14}H_{23}NO_3$
 ($\pm$)-3-Amino-1-[p-(2-methoxyethyl)phenoxy]-3-methyl-2-butanol.
 A beta blocker.

6983 Arotinolol

68377-92-4 827
 $C_{15}H_{21}N_3O_2S_3$
 ($\pm$)-5-[2-[[3-(tert-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide.
 Antianginal agent. Also antihypertensive and

antiarrhythmic. Possesses both α - and β -adrenergic blocking activity. mp = 148-149°. *Sumitomo*.

6984 Arotinolol Hydrochloride

68377-91-3 827
 $C_{15}H_{22}ClN_3O_2S_3$
 ($\pm$)-5-[2-[[3-(tert-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide.
 S-596; ARL; Almarl. Antianginal agent. Also antihypertensive and antiarrhythmic. Possesses both α - and β -adrenergic blocking activity. mp = 234-235.5°; LD₅₀ (mus iv) = 86 mg/kg, (mus ip) = 360 mg/kg, (mus orl) > 5000 mg/kg. *Sumitomo*.

6985 Atenolol

29122-68-7 892 249-451-7
 $C_{14}H_{22}N_2O_3$
 2-[p-[2-Hydroxy-3-(isopropylamino)propoxy]phenyl]-acetamide.
 ICI-66082; AteHexal; Atenol; Cuxanorm; Ibinolo; Myocord; Prenormine; Seles Beta; Selobloc; Teno-basan; Tenoblock; Tenormin; Uniloc. Antianginal and anti-arrhythmic agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 146-148°, 150-152°; $\lambda_m = 225, 275, 283$ nm (MeOH); very soluble in MeOH; soluble in AcOH, DMSO; less soluble in Me_2CO , dioxane; insoluble in CH_3CN , EtOAc, $CHCl_3$; LD₅₀ (mus orl) = 2000 mg/kg, (mus iv) = 98.7 mg/kg, (rat orl) = 3000 mg/kg, (rat iv) = 59.24 mg/kg. *ICI; Apothecon; Lemmon Co.; Zeneca Pharmaceuticals; C.M. Industries*.

6986 Befunolol

39552-01-7 1050
 $C_{16}H_{21}NO_4$
 7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuranyl methyl ketone.
 A β -adrenergic blocker. Used as an anti-glaucoma agent. mp = 115°; LD₅₀ (mus iv) = 100-105 mg/kg. *Kakenyaku Kako*.

6987 Befunolol Hydrochloride

39543-79-8 1050
 $C_{16}H_{22}ClNO_4$
 7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuranyl methyl ketone hydrochloride.
 BFE-60; Benfuran; Bentos; Bentox; Glauconex. A β -adrenergic blocker. Used as an anti-glaucoma agent. mp = 163°. *Kakenyaku Kako*.

6988 Befunolol R-(+)-form Hydrochloride

66685-79-8 1050
 $C_{16}H_{22}ClNO_4$
 (R)-(+)-7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuanyl methyl ketone hydrochloride.
 A β -adrenergic blocker. Used as an anti-glaucoma agent. mp = 151°; $[\alpha]_D = 15.3^\circ$ (c = 1 MeOH). *Kakenyaku Kako*.

6989 Befunolol S-(-)-form Hydrochloride

66717-59-7 1050
 $C_{16}H_{22}ClNO_4$
 (S)-(-)-7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuanyl methyl ketone hydrochloride.
 A β -adrenergic blocker. Used as an anti-glaucoma agent. mp = 151-152°; $[\alpha]_D = -125.5^\circ$ (c = 1 MeOH). *Kakenyaku*

Kako.

6990 Betaxolol

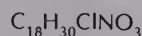
63659-18-7 1229



(±)-1-[p-[2-(Cyclopropylmethoxy)ethyl]phenoxy]-3-(isopropylamino)-2-propanol.

Antianginal agent with antihypertensive and antiglaucoma properties. Cardioselective β_1 adrenergic blocker. mp = 70-72°. *Alcon Labs.; Synthelabo Pharmacie.***6991 Betaxolol Hydrochloride**

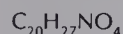
63659-19-8 1229 264-384-3



(±)-1-[p-[2-(Cyclopropylmethoxy)ethyl]phenoxy]-3-(isopropylamino)-2-propanol hydrochloride.

SLD-212; SL-75.212; Betoptic; Betoptima; Kerlone. Antianginal agent with antihypertensive and antiglaucoma properties. Cardioselective β_1 adrenergic blocker. mp = 116°; LD₅₀ (mus orl) = 94 mg/kg, (mus iv) = 37 mg/kg. *Alcon Labs.; Synthelabo Pharmacie.***6992 Bevantolol**

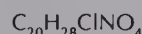
59170-23-9 1238



(±)-1-[(3,4-Dimethoxyphenethyl)amino]-3-(m-toloxo)-2-propanol.

Antianginal agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. *Parke-Davis.***6993 Bevantolol Hydrochloride**

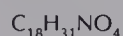
42864-78-8 1238



(±)-1-[(3,4-Dimethoxyphenethyl)amino]-3-(m-toloxo)-2-propanol hydrochloride.

Vantol; Cl-775; Ranestol; Sentiloc. Antianginal agent. Cardioselective β -adrenergic blocking agent. Has anti-arrhythmic and antihypertensive properties. mp = 137-138°. *Parke-Davis.***6994 Bisoprolol**

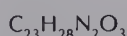
66722-44-9 1336

(±)-1-[[α -(2-Isopropoxyethoxy)-p-tolyl]oxy]-3-(isopropylamino)-2-propanol.EMD-33512. Antihypertensive. Cardioselective β_1 -adrenergic blocker. *E. Merck.***6995 Bisoprolol Hemifumarate**

104344-23-2 1336

(±)-1-[[α -(2-Isopropoxyethoxy)-p-tolyl]oxy]-3-(isopropylamino)-2-propanol hemifumarate.Concor; Detensiel; Emvonor; Emcor; Eurtadal; Isoten; Monacor; Soprol; Zebeta; component of: Ziac. Antihypertensive. Cardioselective β_1 -adrenergic blocker. mp = 100°; soluble in EtOH. *E. Merck.***6996 Bopindolol**

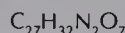
62658-63-3 1362



(±)-1-(tert-Butylamino)-3-[(2-methylindol-4-yl)oxy]-2-propanol benzoate (ester).

Antihypertensive. Non-selective β -adrenergic blocker. Soluble in Et₂O, CH₂Cl₂; LD₅₀ (mus iv) = 17 mg/kg. *Sandoz Pharmaceuticals Corp.***6997 Bopindolol Maleate**

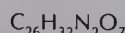
62658-64-4 1362



(±)-1-(tert-Butylamino)-3-[(2-methylindol-4-yl)oxy]-2-propanol benzoate (ester) maleate.

Sandonorm. Antihypertensive. Non-selective β -adrenergic blocker. *Sandoz Pharmaceuticals Corp.***6998 Bopindolol Malonate**

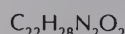
82857-38-3 1362



(±)-1-(tert-Butylamino)-3-[(2-methylindol-4-yl)oxy]-2-propanol benzoate (ester) malonate.

LT-31-200; Wandonorm. Antihypertensive. Non-selective β -adrenergic blocker. *Sandoz Pharmaceuticals Corp.***6999 Brefonalol**

104051-20-9

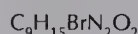


(±)-6-[2-[(1,1-Dimethyl-3-phenylpropyl)amino]-1-hydroxyethyl]-3,4-dihydrocarbostyryl.

A beta-adrenergic blocker.

7000 Broxaterol

76596-57-1 278-494-4

(±)-3-Bromo- α -[(tert-butylamino)methyl]-5-isoxazolemethanol.

A beta-adrenergic receptor antagonist.

7001 Bucumolol

58409-59-9 1489



8-[(3-tert-Butylamino)-2-hydroxypropoxy]-5-methylcoumarin.

Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties. *Sankyo.***7002 Bucumolol Hydrochloride**

30073-40-6 1489



8-[(3-tert-Butylamino)-2-hydroxypropoxy]-5-methylcoumarin hydrochloride.

CS-359; Bucumarol. Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties. mp = 226-228°; LD₅₀ (mmus orl) = 676 mg/kg, (mmus iv) = 33.1 mg/kg, (fimus orl) = 692 mg/kg, (fimus iv) = 31.6 mg/kg. *Sankyo.***7003 Bufetolol**

53684-49-4 1496



1-(tert-Butylamino)-3-[o-[(tetrahydrofurfuryl)oxy]phenoxy]-2-propanol.

Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties. bp_{0.07} = 180-186°. *Yoshitomi.***7004 Bufetolol Hydrochloride**

35108-88-4 1496 252-369-4



1-(tert-Butylamino)-3-[o-[(tetrahydrofurfuryl)oxy]-phenoxy]-2-propanol hydrochloride.
Y-6124; Adobiol. Antianginal agent. A β -adrenergic blocker with antianginal and antiarrhythmic properties.
mp = 153.5-157°, 151-154°; soluble in H₂O, MeOH, AcOH; slightly soluble in C₆H₆; insoluble in Et₂O; LD₅₀ (mus orl) = 409 mg/kg, (mus sc) = 507 mg/kg, (rat orl) = 1142 mg/kg, (rat sc) = 1904 mg/kg. Yoshitomi.

7005 **Bufuralol**

54340-62-4 1504 259-112-5
C₁₆H₂₃NO₂
α-[(tert-Butylamino)methyl]-7-ethyl-2-benzofuran-
methanol.

A β -adrenergic blocker with peripheral vasodilating activity. Antianginal with antihypertensive properties.
Hoffmann-La Roche Inc.

7006 **Bufuralol Hydrochloride**

59652-29-8 1504
 $C_{16}H_{24}ClNO_2$
 α -[(tert-Butylamino)methyl]-7-ethyl-2-benzofuran-
 methanol hydrochloride.
 Ro-3-4787; Angium. A β -adrenergic blocker with
 peripheral vasodilating activity. Antianginal with
 antihypertensive properties. mp = 146°; LD₅₀ (mus iv) =
 29.7 mg/kg, (mus ip) = 88.0 mg/kg, (mus orl) = 177
 mg/kg, (rat sc) = 1400 mg/kg, (rat orl) = 750 mg/kg; (+)-
 hydrochloride: mp = 122-123°; $[\alpha]_{365}^{20}$ = 135.0° (c = 1
 EtOH); (-)-hydrochloride: mp = 122-123°; $[\alpha]_{365}^{20}$ = -
 136.0° (c = 1 EtOH). Hoffmann-LaRoche Inc.

7007 Bunitrolol

34915-68-9 **1514**

C₁₄H₂₀N₂O₂
o-[3-(tert-Butylamino)-2-hydroxypropoxy]benzonitrile.
Ko-1366. Antianginal agent with antiarrhythmic and
antihypertensive properties. A β-adrenergic blocker.
Boehringer Ingelheim GmbH.

7008 Bunitrolol Hydrochloride

23093-74-5	1514	245-427-5
$C_{14}H_{21}ClN_2O_2$ o-[3-(tert-Butylamino)-2-hydroxypropoxy]benzonitrile hydrochloride. Betriol; Stresson. Antianginal agent with antiarrhythmic and antihypertensive properties. A β -adrenergic blocker. mp = 163-165°; LD ₅₀ (mus orl) = 1344-1440 mg/kg, (mus ip) = 264-265 mg/kg, (rat orl) = 639-649 mg/kg, (rat ip) = 222-225 mg/kg. <i>Boehringer Ingelheim GmbH</i> .		

7009 Bupranolol

14556-46-8 **1521**

C₁₄H₂₂ClNO₂
1-(tert-Butylamino)-3-[(6-chloro-m-tolyl)-oxy]-2-propanol.
bupranolol; Ophthrenin. Antianginal agent with
antiarrhythmic, antihypertensive and antiglaucoma
properties. A β-adrenergic blocker.

7010 Bupranolol Hydrochloride

15148-80-8 1521 239-208-3
 $C_{14}H_{23}Cl_2NO_2$
 1-(tert-Butylamino)-3-[(6-chloro-m-tolyl)-oxy]-2-propanol
 hydrochloride.
 B-1312; KL-255; Betadran; Betadrenol; Looser; Panimit.

Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp $\approx$ 220-222°.

7011 Butidrine

55837-18-8 1558 259-849-2
C₁₆H₂₅NO
5,6,7,8-Tetrahydro-α-[[[1-isopropyl]amino)methyl]-2-naphthalenemethanol.
Antiarhythmic agent. *Holding Ceresia.*

7012 Butidrine Hydrochloride

1506-12-3 1558
C₁₆H₂₆CINO
5,6,7,8-Tetrahydro-α-[[(1-isopropyl)amino)methyl]-2-naphthalenemethanol hydrochloride.
butydrine hydrochloride; Betabloc; Recetan.
Antiarrhythmic agent. mp = 129-130°; LD₅₀ (mus iv) = 20.2 mg/kg, (mus orl) = 235 mg/kg. *Holding Ceresia.*

7013 Butofilolol

64552-17-6 1563
 $C_{17}H_{26}FNO_3$
 (±)-2'-[3-(tert-Butylamino)-2-hydroxypropoxyl]-5'-
 fluoro-4-butyrophenone.
 CM-6805. Antihypertensive. mp = 88-89°. C.M.
 Industries.

7014 Butofilolol Maleate

88606-96-6	1563	289-431-5
$C_{21}H_{30}FNO_7$ (±)-2'-[3-(tert-Butylamino)-2-hydroxypropoxyl-5'-fluorobutyrophenone maleate. Cafide. Antihypertensive. <i>C.M. Industries.</i>		

7015 Carazolol

57775-29-8 1822 260-945-1
C₁₈H₂₂N₂O₂
1-(Carbazol-4-yloxy)-3-(isopropylamino)-2-propanol.
BM-51052; Conducton; Suacron. A β-adrenergic blocker
with antihypertensive, antianginal and anti-arrhythmic
activity. [hydrochloride]: mp = 234-235°. *Boehringer
Mannheim GmbH.*

7016 Carteolol

51781-06-7 1917
 $C_{16}H_{24}N_2O_3$
 5-[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone.
 Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker.
Abbott Labs.

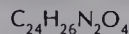
7017 Carteolol Hydrochloride

51781-21-6 1917 257-415-7
 $C_{16}H_{25}ClN_2O_3$
 5-[3-[(1,1-Dimethylethyl)amino]-2-hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone hydrochloride.
 Carteolol hydrochloride, Abbott 43326; OPC-1085; Arteoptic; Caltidren; Carteol; Cartrol; Endak; Mikelan; Optipress; Tenalet; Tenalin; Teoptic. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 278°; LD₅₀ (mrat orl) = 1380 mg/kg (mrat iv) = 158 mg/kg, (mrat ip) = 380 mg/kg, (mmus orl) = 810 mg/kg, (mmus iv) = 54.5 mg/kg,

(mmus ip) = 380 mg/kg. *Abbott Labs.*

7018 Carvediol

72956-09-3 1924

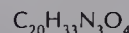


(±)-1-(Carbazol-4-yloxy)-3-[[2-(o-methoxyphenoxy)-ethyl]amino]-2-propanol.

Coreg; BM-14190; DQ-2466; Dilatrend; Dimitone; Eucardic; Kredex; Querto. Antianginal, antihypertensive. Non-selective β -adrenergic blocker with vasodilating activity. mp = 114-115°. *Boehringer Mannheim GmbH; SmithKline Beecham Pharmaceuticals.*

7019 Celiprolol

56980-93-9 2007 260-497-7



3-[3-Acetyl-4-[3-(tert-butylamino)-2-hydroxypropoxy]-phenyl]-1,1-diethylurea.

ST-1396. Antianginal, antihypertensive agent. Cardioselective β_1 adrenergic blocker. mp = 110-112°. *Hoechst Marion Roussel Inc.*

7020 Celiprolol Hydrochloride

57470-78-7 2007 260-752-2

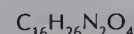


3-[3-Acetyl-4-[3-(tert-butylamino)-2-hydroxypropoxy]-phenyl]-1,1-diethylurea monohydrochloride.

Celectol; Corliprol; Selecor; Selectol. Antianginal, antihypertensive agent. Cardioselective β_1 adrenergic blocker. mp = 197-200° (dec); soluble in H_2O (15.1 g/100 ml), MeOH (18.2 g/100 ml), EtOH (1.61 g/100 ml), CHCl_3 (0.42 g/100 ml); λ_m = 221, 324 nm ($E_{1\%}$ 652, 57 H_2O), 231, 324 nm ($E_{1\%}$ 660, 60 0.01N HCl), 231, 324 nm ($E_{1\%}$ 640, 60 0.01N NaOH), 232, 329 nm ($E_{1\%}$ 775, 58 MeOH); LD₅₀ (mmus iv) = 56.2 mg/kg, (mmus orl) = 1834 mg/kg, (mrat iv) = 68.3 mg/kg, (mrat orl) = 3826 mg/kg. *Hoechst Marion Roussel Inc.*

7021 Cetamolol

34919-98-7 2060

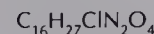


(±)-2-[o-[3-(tert-Butylamino)-2-hydroxypropoxy]-phenoxy]-N-methylacetamide.

Cardioselective β_2 -adrenergic blocker. Used as an antihypertensive. mp = 96-97°. *ICI.*

7022 Cetamolol Hydrochloride

77590-95-5 2060 278-729-0



(±)-2-[o-[3-(tert-Butylamino)-2-hydroxypropoxy]-phenoxy]-N-methylacetamide hydrochloride.

AI-27303; ICI-72222; Betacor. Cardioselective β_2 -adrenergic blocker. Used as an antihypertensive. *ICI.*

7023 Cloranolol

39563-28-5 2464



1-(tert-Butylamino)-3-(2,5-dichlorophenoxy)-2-propanol.

A β -adrenergic blocker used as an anti-arrhythmic agent. mp = 82-83°. *Res. Inst. Pharm. Chem.*

7024 Cloranolol Hydrochloride

54247-25-5 2464 259-044-6

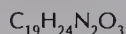


1-(tert-Butylamino)-3-(2,5-dichlorophenoxy)-2-propanol hydrochloride.

GYKI-40199; Tobanum. A β -adrenergic blocker used as an anti-arrhythmic agent. mp = 210-212°. *Res. Inst. Pharm. Chem.*

7025 Dilevalol

75659-07-3 3245

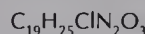


(-)-5-[(1R)-1-Hydroxy-2-[[[(1R)-1-methyl-3-phenylpropyl]-amino]ethyl]salicylamide.

Sch-19927; Dilevalon; Levadil; Unicard. Non-selective β -adrenergic blocker with antihypertensive properties. $[\alpha]_D$ = -21.7°. *Schering Corp.*

7026 Dilevalol Hydrochloride

75659-08-4 3245

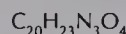


(-)-5-[(1R)-1-Hydroxy-2-[[[(1R)-1-methyl-3-phenylpropyl]-amino]ethyl]salicylamide monohydrochloride.

Sch-19927. Non-selective β -adrenergic blocker with antihypertensive properties. mp = 133-134° (dec), 192-193.5° (dec); $[\alpha]_D^{26}$ = -30.6° (c = 1.0 EtOH). *Schering Corp.*

7027 Epanolol

86880-51-5 3641

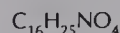


(±)-N-[2-[[3-(o-Cyanophenoxy)-2-hydroxypropyl]amino]-ethyl]-2-(p-hydroxyphenyl)acetamide.

ICI-141292; Visacor. Antianginal, antihypertensive agent. Cardioselective β_1 -adrenergic blocker with sympathomimetic activity. mp = 118-120°. *ICI.*

7028 Esmolol

103598-03-4 3741

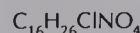


(±)-Methyl p-[2-hydroxy-3-(isopropylamino)propoxy]-hydrocinnamate.

Anti-arrhythmic. A β -adrenergic blocker mp = 48-50°. *American Hospital Supply.*

7029 Esmolol Hydrochloride

81161-17-3 3741

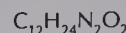


(±)-Methyl p-[2-hydroxy-3-(isopropylamino)propoxy]-hydrocinnamate hydrochloride.

ASL-8052; Brevibloc. Anti-arrhythmic. A β -adrenergic blocker mp = 85-86°. *American Hospital Supply.*

7030 Falintolol

90581-63-8

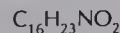


Cyclopropyl methyl ketone (±)-(EZ)-O-[3-(tert-butylamino)-2-hydroxypropyl]oxime.

A beta-adrenergic antagonist used for treatment of glaucoma.

7031 Idropranolol

27581-02-8

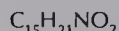


1-[(5,6-Dihydro-1 naphthyl)oxy]-3-(isopropylamino)-2-propanol.

A β -adrenergic blocker.

7032 Indenolol

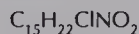
60607-68-3 4974 262-323-5



1-[Inden-4 (or -7) yloxy]-3-(isopropylamino)-2-propanol.
Sch-28316Z; YB-2. Anti-arrhythmic, antihypertensive and
antianginal agent. Non-selective β -adrenergic blocker.
mp = 88-89°. *Yamanouchi U.S.A. Inc.; Schering Corp.*

7033 Indenolol Hydrochloride

81789-85-7 4974

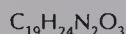


1-[Inden-4 (or -7) -yloxy]-3-(isopropylamino)-2-propanol
hydrochloride.

Pulsan; Securpres. Anti-arrhythmic, antihypertensive and
antianginal agent. Non-selective β -adrenergic blocker.
mp = 147-148°; LD₅₀ (mus iv) = 26 mg/kg. *Yamanouchi
U.S.A. Inc.; Schering Corp.*

7034 Labetalol

36894-69-6 5341 253-258-3

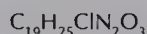


5-[1-Hydroxy-2-[(1-methyl-3-phenylpropyl)-
amino]ethyl]salicylamide.

ibidomide. Competitive α - and β -adrenergic receptor
antagonist. Used as an antihypertensive. The (R,R) isomer
is dilevalol. *Key Pharmaceuticals; Glaxo Wellcome Inc.*

7035 Labetalol Hydrochloride

32780-64-6 5341 251-211-1



5-[1-Hydroxy-2-[(1-methyl-3-phenylpropyl)amino]ethyl]-
salicylamide hydrochloride.

Normodyne; Trandate; Sch-15719W; AH-5158A;
Amipress; Ipolar; Labelol; Labracol; Presdate; Pressalolo.
Competitive α - and β -adrenergic receptor antagonist.
Used as an antihypertensive. mp = 187-189°; soluble in
H₂O, EtOH; insoluble in Et₂O, CHCl₃; LD₅₀ (mmus ip) =
114 mg/kg, (mmus iv) = 47 mg/kg, (mmus orl) = 1450
mg/kg, (fms ip) = 120 mg/kg, (fms iv) = 54 mg/kg, (fms
orl) = 1800 mg/kg, (mrat ip) = 113 mg/kg, (mrat iv) = 60
mg/kg, (mrat orl) = 4550 mg/kg, (frat ip) = 107 mg/kg, (frat
iv) = 53 mg/kg, (frat ol) = 4000 mg/kg. *Key
Pharmaceuticals; Glaxo Wellcome Inc.*

7036 Landiolol

133242-30-5



(-)-[(S)-2,2-Dimethyl-1,3-dioxolan-4-yl]methyl
p-[(S)-2-hydroxy-3-[[2-(4-morpholinecarboxamido)ethyl]-
amino]propoxy]hydrocinnamate.

An ultra-short acting, selective beta blocker.

7037 Levobunolol

47141-42-4 5488

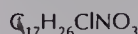


(-)-5-[3-(tert-Butylamino)-2-hydroxypropoxy]-3,4-dihydro-
1(2H)-naphthalenone.

l-bunolol; W-6421A. Adrenergic β -receptor; anti-
glaucoma agent. LD₅₀ (mrat orl) = 700 mg/kg, (mrat iv) =
25 mg/kg, (frat orl) = 800 mg/kg, (frat iv) = 28 mg/kg,
(mmus orl) = 1530 mg/kg, (mmus iv) = 78 mg/kg, (fms
orl) = 1220 mg/kg, (fms iv) = 84 mg/kg, (mhmtr orl) =
435 mg/kg, (fhmtr orl) = 500 mg/kg; (dog orl) = 100
mg/kg. *Allergan, Inc.*

7038 Levobunolol Hydrochloride

27912-14-7 5488 248-725-3

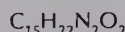


(-)-5-[3-(tert-Butylamino)-2-hydroxypropoxy]-3,4-dihydro-
1(2H)-naphthalenone hydrochloride.

Vitagan; Gotensin; Betagan; W-7000A. Adrenergic β -
receptor; anti-glaucoma agent. mp = 209-211°; [α]_D²⁴ = -
19.6° ± 0.7° (c = 2.90 MeOH); λ_m = 221. 253. 310 nm (ε
24700, 9000. 2400. NaOH). *Allergan, Inc.*

7039 Mepindolol

23694-81-7 5901 245-831-1

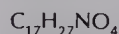


1-[Isopropylamino]-3-[(2-methyl-indol-4-yl)oxy]-2-
propanol.

SH-E-222 [as sulfate salt]; Betagon [as sulfate salt];
Corindolan [as sulfate salt]; Mepicor [as sulfate salt].
Antianginal, antihypertensive agent. Dihydropyridine
calcium channel blocker. Has anti-hypertensive
properties. mp = 100-102°, 95-97°. *Sandoz
Pharmaceuticals Corp.*

7040 Metipranolol

22664-55-7 6221 245-151-5



(±)-1-(4-Hydroxy-2,3,5-trimethylphenoxy)-3-
(isopropylamino)-2-propanol 4-acetate.

OptiPranolol; BM01.004; VUFB6453; Betamet;
methypranolol; trimepranol; Betanol; Disorat; Glau-line;
Glausyn; Turoptin. A β -adrenergic blocker.
Antihypertensive agent also used to treat glaucoma. mp =
105-107°, 108.5-110.5°; λ_m = 278, 274 nm ($A_{1\text{cm}}^{1\%}$ = 51.3,
50.5 MeOH); freely soluble in EtOH, CHCl₃, C₆H₆,
slightly soluble in Et₂O, insoluble in H₂O; LD₅₀ (mus iv) =
31 mg/kg. *Bausch & Lomb Pharmaceuticals, Inc.; SPOFA.*

7041 Metipranolol Hydrochloride

36592-77-5 6221

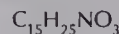


(±)-1-(4-Hydroxy-2,3,5-trimethylphenoxy)-3-
(isopropylamino)-2-propanol 4-acetate hydrochloride.

Betamann; Optipranolol. A β -adrenergic blocker.
Antihypertensive agent also used to treat glaucoma.
Soluble in H₂O. *Bausch & Lomb Pharmaceuticals, Inc.;
SPOFA.*

7042 Metoprolol

37350-58-6 6235 253-483-7



1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-
propanol.

H 23/96. Class II anti-arrhythmic agent. Also has
antihypertensive and antianginal activity. *Astra Hässle
AB.*

7043 Metoprolol Fumarate

119637-66-0 6235

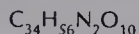


1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-
propanol.

Lopressor OROS; CGP-2175C. Class II anti-arrhythmic
agent. Also has antihypertensive and antianginal activity.
Insoluble in EtOAc, Me₂CO, Et₂O, C₇H₁₆. *Ciba-Geigy
Corp.*

7044 Metoprolol Succinate

98418-47-4 6235

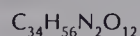


1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol.

Toprol XL; H 93/26 succinate. Class II anti-arrhythmic agent. A β_1 -selective (cardioselective) adrenoceptor blocking agent, for oral administration, available as extended release tablets. Also has antihypertensive and antianginal activity. Freely soluble in H_2O ; soluble in MeOH; sparingly soluble in EtOH; slightly soluble in CH_2Cl_2 , iPrOH; practically insoluble in EtOAc, Me_2CO , Et_2O , and C_7H_{16} . Astra Sweden.

7045 Metoprolol Tartrate

56392-17-7 6235 260-148-9

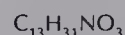


1-(Isopropylamino)-3-[p-(2-methoxyethyl)phenoxy]-2-propanol.

Lopressor; CGP-2175E; Beloc; Betaloc; Lopresor; Prelis; Seloken; Selopral; Selo-Zok; component of: Lopressor HCT. Class II anti-arrhythmic agent. A β_1 -selective (cardioselective) adrenoceptor blocking agent, for oral administration, available as extended release tablets. Also has antihypertensive and antianginal activity. Soluble in MeOH (50 g/100 ml), H_2O (> 100 g/100 ml), $CHCl_3$ (49.6 g/100 ml), Me_2CO (0.11 g/100 ml), CH_3CN (0.089 g/100 ml); insoluble in C_6H_{14} ; LD_{50} (fms iv) = 118 mg/kg, (fms orl) = 3090 mg/kg, (mrat iv) $\approx$ 90 mg/kg, (mrat orl) = 3090 mg/kg, (mrat iv) $\approx$ 90 mg/kg, (mrat orl) = 3090 mg/kg. Ciba-Geigy Corp.; Apothecon; Lemmon Co.

7046 Moprolol

5741-22-0 6345 227-254-7

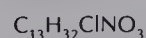


1-(Isopropylamino)-3-(o-methoxyphenoxy)-2-propanol.

Antihypertensive agent with antianginal properties. mp = 82-83°; [l-form (levomoprolol)]: mp = 78-80°; $[\alpha] = -5.5^\circ \pm 0.2^\circ$. ICI.

7047 Moprolol Hydrochloride

27058-84-0 6345 248-195-3

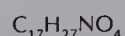


1-(Isopropylamino)-3-(o-methoxyphenoxy)-2-propanol hydrochloride.

SD-1601; Omeral. Antihypertensive agent with antianginal properties. mp = 110-112°; [l-form hydrochloride (Levotensin)]: mp = 121-123°; $[\alpha]_D^{25} = -16.3^\circ$ (c = 5.0 EtOH). ICI.

7048 Nadolol

42200-33-9 6431 255-706-3

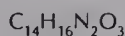


1-(tert-Butylamino)-3-[(5,6,7,8-tetrahydro-cis-6,7-dihydroxy-1-naphthyl)oxy]-2-propanol.

Corgard; SQ-11725; Anabet; Solgol. Antihypertensive and antianginal agent. A β -adrenergic blocker. mp = 124-136°; $\lambda_m = 270, 278$ nm ($E_{1\%}^{1\text{cm}}$ 37.5, 39.1 MeOH); pKa = 9.67; poorly soluble in organic solvents; insoluble in Me_2CO , C_6H_6 , Et_2O , C_6H_{14} ; LD_{50} (rat orl) = 5300 mg/kg, (mus orl) = 4500 mg/kg. Apothecon; Bristol-Myers Products.

7049 Nadoxolol

54063-51-3 6432

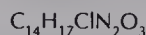


3-Hydroxy-4-(1-naphthyl)oxy)butyramidoxime.

Anti-arrhythmic agent. Antihypertensive, antianginal. Used for the treatment of cardiovascular disorders. Orsymonde.

7050 Nadoxolol Hydrochloride

35991-93-6 6432 252-825-2

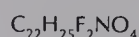


3-Hydroxy-4-(1-naphthyl)oxy)butyramidoxime hydrochloride.

LL-1530; Bradyl. Anti-arrhythmic agent. Antihypertensive, antianginal. Used for the treatment of cardiovascular disorders. mp = 188°; soluble in H_2O , EtOH, MeOH; insoluble in Et_2O ; LD_{50} (mus iv) = 180 mg/kg, (mus orl) = 1000 mg/kg. Orsymonde.

7051 Nebivolol

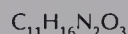
99200-09-6 6519

 α, α' -(1-iminodimethylene)bis[6-fluoro-2-chromanmethanol].

R-65824; dl-nebivolol; narbivolol; Nebilet. Antihypertensive agent. Janssen Pharmaceutical Inc.

7052 Nifenalol

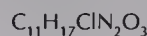
7413-36-7 6618 231-023-6

 α -[(Isopropylamino)methyl]-p-nitrobenzyl alcohol.

isophenethanol; INPEA. Anti-arrhythmic agent with antianginal properties. mp = 98°. Selvi.

7053 Nifenalol Hydrochloride

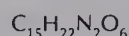
5704-60-9 6618 227-194-1

 α -[(Isopropylamino)methyl]-p-nitrobenzyl alcohol hydrochloride.

Inpea. Anti-arrhythmic agent with antianginal properties. mp = 181°. Selvi.

7054 Nipradilol

81486-22-8 6655



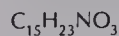
8-[2-Hydroxy-3-(isopropylamino)propoxy]-3-chromanol.

Nipradolol; K-351; Hypadil. Antianginal, antihypertensive agent. A β -adrenergic blocker with vasodilating activity.

mp = 107-116°, 110-122°; LD_{50} (mus iv) = 74.0 mg/kg, (rat iv) = 73.0 mg/kg, (mus orl) = 540 mg/kg. Kowa Chemical Industries Co., Ltd.

7055 Oxprenolol

6452-71-7 7086 229-257-9



1-(o-Allyloxyphenoxy)-3-isopropylamino-2-propanol.

Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. mp = 78-80°. Ciba-Geigy Corp.; Bayer AG.

7056 Oxprenolol Hydrochloride

6452-73-9 7086 229-260-5



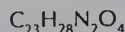
1-(o-Allyloxyphenoxy)-3-isopropylamino-2-propanol hydrochloride.

Ba-39089; Coretal; Laracor; Paritane; Slow-Pren; Trasacor; Trasacor. Antianginal, antihypertensive and class IV

antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. mp = 107-109°. *Ciba-Geigy Corp.; Bayer AG.*

7057 Pacrinolol

65655-59-6

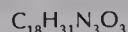


(-)-p-[3-[(3,4-Dimethoxyphenethyl)amino]-2-hydroxypropoxy]- β -methylcinnamionitrile.

Hoe-224A. A highly cardioselective beta-sympatholytic with significant and long acting blood pressure lowering properties. beta Adrenergic blocker.

7058 Pafenolol

75949-61-0

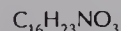


($\pm$)-1-[p-[2-Hydroxy-3-(isopropylamino)propoxy]-phenethyl]-3-isopropylurea.

Selective adrenergic beta 1-blocking agent.

7059 Pargolol

47082-97-3



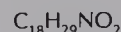
1-(tert-Butylamino)-3-[o-(2-propynyloxy)phenoxy]-2-propanol.

beta Adrenergic blocker.

7060 Penbutolol

38363-40-5

7209



(S)-1-(tert-Butylamino)-3-(o-cyclopentylphenoxy)-2-propanol.

Antianginal, antihypertensive and antiarrhythmic. A β -adrenergic calcium channel blocker with antiarrhythmic activity. mp = 68-72°; $[\alpha]_D^{20} = -11.5^\circ$ (c = 1 MeOH); soluble in MeOH, EtOH, CHCl_3 . *Hoechst.*

7061 Penbutolol Sulfate

38363-32-5

7209

253-906-5

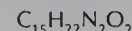


(S)-1-(tert-Butylamino)-3-(o-cyclopentylphenoxy)-2-propanol sulfate (salt) (2:1).

HOE-893d; HOE-39-893d; Betapressin; Levatol; Paginol. Antianginal, antihypertensive and antiarrhythmic. A β -adrenergic calcium channel blocker with antiarrhythmic activity. mp = 216-218° (dec); $[\alpha]_D^{20} = -24.6^\circ$ (c = 1 MeOH). *Hoechst.*

7062 Penirolol

58503-83-6



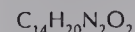
o-[2-Hydroxy-3-(tert-pentylamino)propoxy]benzonitrile. beta Adrenergic blocker.

7063 Pindolol

13523-86-9

7597

236-867-9

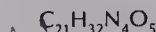


1-(Indol-4-yloxy)-3-(isopropylamino)-2-propanol.

LB-46; Visken; prinodolol; Betapindol; Blocklin L; Calvisken; Decreten; Durapindol; Glauco-Visken; Pectobloc; Pinbetol; Pynastin. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 171-163°. *Sandoz Pharmaceuticals Corp.*

7064 Pirepolol

69479-26-1



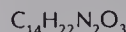
($\pm$)-6-[[2-[[3-(p-Butoxyphenoxy)-2-hydroxypropyl]amino]-ethyl]amino]-1,3-dimethyluracil. beta Adrenergic blocker.

7065 Practolol

6673-35-4

7882

229-712-1

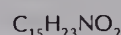


4'-[2-Hydroxy-3-(isopropylamino)propoxy]acetanilide.

AY-21011; ICI-50172; Dalzic; Eraldin. A β -adrenergic blocker. mp = 134-136°; soluble in i-PrOH; [hydrochloride monhydrate]; mp = 140-142°; [R(+)] form: mp = 130-131.5°; $[\alpha]_{365}^{25} = 4.3^\circ$ (EtOH), $[\alpha]_{578}^{25} = 3.5^\circ$ (EtOH); [R(+)] hydrochloride : $[\alpha]_{436}^{25} = 26.0^\circ$ (EtOH), $[\alpha]_{578}^{25} = 14.0^\circ$ (EtOH). *Wyeth-Ayerst Labs.; ICI.*

7066 Procinolol

27325-36-6



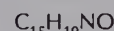
1-(o-Cyclopropylphenoxy)-3-(isopropylamino)-2-propanol.

SD-2124-01. beta Adrenergic blocker.

7067 Pronethalol

54-80-8

7974



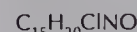
2-Isopropylamino-1-(naphth-2-yl)ethanol.

pronetalol; nethalide. Antianginal, anti-arrhythmic and antihypertensive agent. mp = 108°. *Wyeth-Ayerst Labs.*

7068 Pronethalol Hydrochloride

51-02-5

7974



2-Isopropylamino-1-(naphth-2-yl)ethanol hydrochloride.

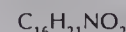
ICI-38174; Alderlin. Antianginal, anti-arrhythmic and antihypertensive agent. mp = 184°; LD₅₀ (mus orl) = 512 mg/kg, (mus iv) = 46 mg/kg. *Wyeth-Ayerst Labs.*

7069 Propranolol

525-66-6

8025

208-378-0



1-(Isopropylamino)-3-(1-naphthyloxy)-2-propanol.

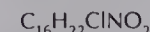
Avlocardyl; Euprovasin. Antianginal and antiarrhythmic agent. A β -adrenergic blocker. mp = 96°. *Wyeth-Ayerst Labs.; Parke-Davis; ICI.*

7070 Propranolol Hydrochloride

318-98-9

8025

206-268-7



1-(Isopropylamino)-3-(1-naphthyloxy)-2-propanol hydrochloride.

AY-64043; ICI-45520; NSC-91523; Angilol; Apsolol; Bedranol; Beprane; Berkolol; Beta-Neg; Beta-Tablinen; Beta-Timelets; Cardinol; Caridolol; Deralin; Dociton; Duranol; Efektolol; Elbol; Frekven; Inderal; Indobloc; Intermigran; Kemi S; Oposim; Prano-Puren; Prophylux; Propranur; Pylapron; Rapynogen; Sagittol; Servanolol; Slopriolol; Sumial; Tesnol. Antianginal and antiarrhythmic agent. A β -adrenergic blocker. mp = 163-164°; soluble in H_2O , alcohol; insoluble in Et_2O , C_6H_6 , EtOAc ; LD₅₀ (mus orl) = 565 mg/kg, (mus iv) = 22 mg/kg, (mus ip) = 107 mg/kg. *Wyeth-Ayerst Labs.; Parke-Davis; ICI.*

7071 Ridazolol

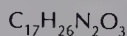
83395-21-5



(±)-4-Chloro-5-[[3-(o-chlorophenoxy)-2-hydroxypropyl]amino]ethyl]amino]-3(2H)-pyridazinone.
beta Adrenergic blocker.

7072 Soquinolol

61563-18-6



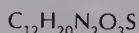
5-[3-(tert-Butylamino)-2-hydroxypropoxy]-3,4-dihydro-2(1H)-isoquinolinecarboxaldehyde.

We-704; Sertum. Highly potent non-subtype-selective β-adrenergic receptor blocker.

7073 Sotalol

3930-20-9

8876



4'-[1-Hydroxy-2-(isopropylamino)ethyl]-methanesulfonanilide.

A β-adrenergic blocker used as an antihypertensive agent.

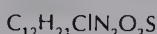
λ_m = 242.2, 275.2 nm (CHCl₃). *Berlex Labs., Inc.; Bristol-Myers Squibb Co.*

7074 Sotalol Hydrochloride

959-24-0

8876

213-496-0

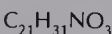


4'-[1-Hydroxy-2-(isopropylamino)ethyl]-methanesulfonanilide monohydrochloride.

Betapace; MJ-1999; Beta-Cardone; Darob; Sotacor; Sotalax. A β-adrenergic blocker used as an antihypertensive agent. mp = 206.5-207°, 218-219°; freely soluble in H₂O, slightly soluble in CHCl₃; LD₅₀ (mmus orl) = 2600 mg/kg, (mmus ip) = 670 mg/kg, (mrat orl) = 3450 mg/kg, (mrat ip) = 680 mg/kg, (rbt orl) = 1000 mg/kg, (dog ip) = 330 mg/kg. *Berlex Labs., Inc.; Bristol-Myers Squibb Co.*

7075 Spirendolol

65429-87-0



(±)-4'-[3-(tert-Butylamino)-2-hydroxypropoxy]-spiro[cyclohexane-1,2'-indan]-1'-one.

A specific β-2 adrenergic receptor antagonist.

7076 Sulfinalol

66264-77-5

9120



4-Hydroxy-α-[[[3-(p-methoxyphenyl)-1-methylpropyl]-amino]methyl]-3-(methylsulfinyl)benzyl alcohol.

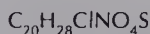
A β-adrenergic blocker used as an antihypertensive agent. *Sterling Winthrop, Inc.*

7077 Sulfinalol Hydrochloride

63251-39-8

9120

264-046-5



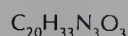
4-Hydroxy-α-[[[3-(p-methoxyphenyl)-1-methylpropyl]-amino]methyl]-3-(methylsulfinyl)benzyl alcohol hydrochloride.

Win-408087; Perifadil. A β-adrenergic blocker used as an antihypertensive agent. mp = 172-175°. *Sterling Winthrop, Inc.*

7078 Talinolol

57460-41-0

9208



(±)-1-[p-[3-(tert-Butylamino)-2-hydroxypropoxy]phenyl]-3-cyclohexylurea.

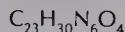
Anti-arrhythmic agent with antihypertensive properties.

An antacid preparation. mp = 142-144°; LD₅₀ (rat orl) = 1180 mg/kg, (rat ip) = 54.3 mg/kg, (rat iv) = 29.7 mg/kg, (mus orl) = 593 mg/kg, (mus ip) = 74.7 mg/kg, (mus iv) = 25.0 mg/kg. *Ciba-Geigy Corp.*

7079 Teoprolol

65184-10-3

265-600-9



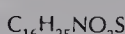
3,7-Dihydro-7-[3-[[2-hydroxy-3-[(2-methyl-1H-indol-4-yl)oxy]propyl]amino]butyl]-1,3-dimethyl-1H-purine-2,6-dione.

beta Adrenergic blocker.

7080 Tertatolol

34784-64-0

9318



(±)-1-(tert-Butylamino)-3-(thiochroman-8-yloxy)-2-propanol.

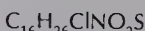
A non-selective β-adrenergic blocker. Used as an antihypertensive agent. mp = 70-72°. *Sci. Union et Cie, France.*

7081 Tertatolol Hydrochloride

33580-30-2

9318

251-578-8



(±)-1-(tert-Butylamino)-3-(thiochroman-8-yloxy)-2-propanol hydrochloride.

S-2395; SE-2395; Artex; Artexal; Prenalex. A non-selective β-adrenergic blocker. Used as an antihypertensive agent. mp = 180-183°; LD₅₀ (rat iv) = 40 mg/kg, (rat ip) = 90 mg/kg, (mus iv) = 37 mg/kg, (mus ip) = 120 mg/kg. *Sci. Union et Cie, France.*

7082 Tienoxolol

90055-97-3



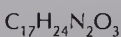
(±)-Ethyl 2-[3-(tert-butylamino)-2-hydroxypropoxy]-5-(2-thienocarboxamido)benzoate.

A diuretic beta-blocking agent.

7083 Tilisolol

85136-71-6

9579



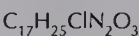
(±)-4-[3-(tert-Butylamino)-2-hydroxypropoxy]-2-methylisocarbostyryl.

Anti-arrhythmic and antihypertensive. *Nisshin.*

7084 Tilisolol Hydrochloride

62774-96-3

9579



(±)-4-[3-(tert-Butylamino)-2-hydroxypropoxy]-2-methylisocarbostyryl hydrochloride.

N-696; Selecal. Anti-arrhythmic and antihypertensive. mp = 203-205°; LD₅₀ (mmus orl) = 1393 mg/kg, (mmus sc) = 1219 mg/kg, (mmus ip) = 578 mg/kg, (mmus iv) = 74.3 mg/kg, (fmsus orl) = 1290 mg/kg, (fmsus sc) = 1245 mg/kg, (fmsus ip) = 557 mg/kg, (fmsus iv) = 104.7 mg/kg, (mrat orl) = 145 mg/kg, (mrat sc) = 176 mg/kg, (mrat ip) = 39.5 mg/kg, (mrat iv) = 75.8 mg/kg, (frat orl) = 188 mg/kg, (frat sc) = 169 mg/kg, (frat ip) = 29.2 mg/kg, (frat iv) = 38.1 mg/kg. *Nisshin.*

7085 Timolol

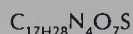
91524-16-2 9585



(S)-1-(tert-Butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]-2-propanol hemihydrate.

Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. [(±) form]: mp = 71.5-72.5°. *Merck & Co., Inc.***7086 Timolol Maleate**

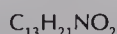
26921-17-5 9585 248-111-5



(S)-1-(tert-Butylamino)-3-[(4-morpholino-1,2,5-thiadiazol-3-yl)oxy]-2-propanol maleate (1:1).

Blocadren; Timoptic; Timoptol; MK-950; Aquanil; Betim; Proflax; Temserin; Tenopt; Timacar; Timacor; component of: Cosopt, Timolide. Antianginal agent with antiarrhythmic, antihypertensive and antiglaucoma properties. A β -adrenergic blocker. mp = 201.5-202.5°; $[\alpha]_{405}^{24} = -12.0^\circ$ (c = 5 1N HCl), $[\alpha]_D^{25} = -4.2^\circ$; $\lambda_m = 294$ nm ($A_{1\text{ cm}}^{1\%} 200$ 0.1N HCl); soluble in EtOH, MeOH; poorly soluble in $CHCl_3$, cyclohexane, insoluble in isooctane, Et_2O . *Merck & Co., Inc.***7087 Toliprolol**

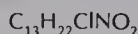
2933-94-0 9653 220-905-6



1-(Isopropylamino)-3-(m-tolyloxy)-2-propanol.

ICI-45763; MHIP. Antianginal, antihypertensive agent. A β -adrenergic blocker. mp = 75-76°, 79°. *ICI; Boehringer Ingelheim GmbH.***7088 Toliprolol Hydrochloride**

306-11-6 9653 206-177-2



1-(Isopropylamino)-3-(m-tolyloxy)-2-propanol hydrochloride.

Ko-592; Doberol; Sinorytmal. Antianginal, antihypertensive agent. A β -adrenergic blocker. mp = 120-121°; $\lambda_m = 270$ nm ($E_{1\text{ cm}}^{1\%} 498$ H_2O). *ICI; Boehringer Ingelheim GmbH.***7089 Xibenolol**

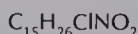
81584-06-7 10209



(±)-1-(tert-Butylamino)-3-(2,3-xylyloxy)-2-propanol.

Antiarrhythmic agent. Non-selective β -adrenergic blocker. mp = 57°; bp_{0.7} = 134-136°; $\lambda_m = 271.2, 274, 279.3$ nm ($\epsilon = 10800, 10700, 11100$ EtOH). *Teikoku Hormone.***7090 Xibenolol Hydrochloride**

59708-57-5 10209



(±)-1-(tert-Butylamino)-3-(2,3-xylyloxy)-2-propanol hydrochloride.

D-32; Selapin; Rhythminal; Rythminal. Antiarrhythmic agent. Non-selective β -adrenergic blocker. mp = 135-137°. *Teikoku Hormone.***Bone Resorption Inhibitors****7091 Alendronic Acid**

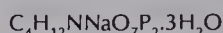
66376-36-1 228



(4-Amino-1-hydroxybutylidene)bisphosphonic acid.

ABDP. Calcium regulator. mp = 233-235° (dec). *Merck & Co., Inc.; Inst. Gentili S.p.A.***7092 Alendronic Acid Trisodium salt**

121268-17-5 228



Sodium trihydrogen (4-amino-1-hydroxybutylidene)-diphosphonate trihydrate.

Fosamax; MK-217; G-704650; Adronat; Alendros; Onclast. Calcium regulator. *Merck & Co., Inc.; Inst. Gentili S.p.A.***7093 Clodronic Acid**

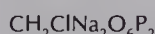
10596-23-3 2432 234-212-1



(Dichloromethylene)diphosphonic acid.

Cl₂MDP; DMDP. Calcium regulator. mp = 249-251°. *Procter & Gamble Pharmaceuticals, Inc.***7094 Clodronic Acid Disodium salt**

22560-50-5 2432 245-078-9



Sodium (dichloromethylene)diphosphonate.

DCIMDP; Bonefos; Clasteon; Difoafonal; Loron; Mebonat; Ossiten; Ostac. Calcium regulator. *Procter & Gamble Pharmaceuticals, Inc.***7095 Etidronic Acid**

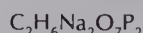
2809-21-4 3908 220-552-8



(1-Hydroxyethylidene)diphosphonic acid.

EHDP. Calcium regulator. Very soluble in H_2O , insoluble in AcOH. *Procter & Gamble Pharmaceuticals, Inc.***7096 Etidronic Acid Disodium salt**

7414-83-7 3908 231-025-7



Disodium dihydrogen (1-hydroxyethylidene)-diphosphonate.

Didronel; Calcimux; Diphos; Etidron. Calcium regulator. Bone resorption inhibitor. Soluble in H_2O . *Procter & Gamble Pharmaceuticals, Inc.***7097 Pamidronic Acid**

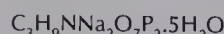
40391-99-9 7135 254-905-2



(3-Amino-1-hydroxypropylidene)diphosphonic acid.

ADP; AHPBP. Bone resorption inhibitor. *Ciba-Geigy Corp.***7098 Pamidronic Acid Disodium salt**

57248-88-1 7135 260-647-1



Disodium dihydrogen (3-amino-1-hydroxypropylidene)-diphosphonate pentahydrate.

Aredia; CGP-23339AE; Aminomux. Bone resorption inhibitor. *Ciba-Geigy Corp.*

7099 Risedronic Acid

105462-24-6 8396

[1-Hydroxy-2-(3-pyridyl)ethylidene]diphosphonic acid. Calcium regulator. *Procter & Gamble Pharmaceuticals, Inc.***7100 Risedronic Acid Monosodium salt**

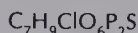
115436-72-1 8396

Sodium trihydrogen [1-hydroxy-2-(3-pyridyl)ethylidene]-diphosphonate. NE-58095. Calcium regulator. *Procter & Gamble Pharmaceuticals, Inc.***7101 Tiludronate Disodium**

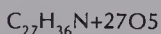
149845-07-8

Disodium dihydrogen [[(p-Chlorophenyl)thio]-methylene]diphosphonate. SR-41319B. Used for treatment of and intervention in osteoporosis and treatment of Paget's disease. *Sanofi, Inc.***7102 Tiludronic Acid**

89987-06-4 9582

[[[p-Chlorophenyl)thio]methylene]diphosphonic acid. SR-41319; ACPMD; Cl-TMBP; ME-3737; Skelid. Used for treatment of and intervention in osteoporosis and treatment of Paget's disease. [di-tert-butylamine salt]: mp = 253° (dec). *Sanofi, Inc.***Bradycardic Agents****7103 Ivabradine**

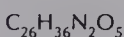
155974-00-8



3-[3-[[[(7S)-3,4-Dimethoxybicyclo[4.2.0]octa-1,3,5-trien-7-yl)methyl]methylamino]propyl]-1,3,4,5-tetrahydro-7,8-dimethoxy-2H-3-benzazepin-2-one. S-16257. Bradycardic agent.

7104 Zatebradine

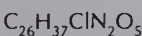
85175-67-3 10245



3-[3-(3,4-Dimethoxyphenethyl)methylamino]propyl]-1,3,4,5-tetrahydro-7,8-dimethoxy-2H-3-benzazepin-2-one.

Bradycardic agent; antianginal Specific bradycardic agent; sinus node inhibitor. *Boehringer Ingelheim GmbH; Boehringer Ingelheim Pharmaceuticals, Inc.***7105 Zatebradine Hydrochloride**

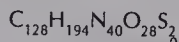
91940-87-3 10245



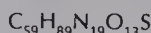
3-[3-(3,4-Dimethoxyphenethyl)methylamino]propyl]-1,3,4,5-tetrahydro-7,8-dimethoxy-2H-3-benzazepin-2-one hydrochloride.

UL-FS-49. Bradycardic agent; antianginal Specific bradycardic agent; sinus node inhibitor. mp = 168°, 185° (2 crystalline modifications); soluble in H₂O. *Boehringer Ingelheim GmbH; Boehringer Ingelheim Pharmaceuticals, Inc.***Bradykinin Antagonists****7106 Bradycor**

140661-97-8 1385

Dimer of D-Arg-[Hyp³, Cys⁶, D-Phe⁷, Leu⁸]-bradykinin joined by a bisuccinimido-hexane linker via the sulfhydryl moieties of the cysteine residues.Deltibant; CP-0127. A Bradykinin antagonist. Used in the treatment of systemic inflammatory response syndrome. *Cortech, Inc.***7107 Icatibant**

130308-48-4



(R)-Arginyl-(S)-arginyl-(S)-prolyl-(2S,4R)-(4-hydroxyprolyl)glycyl-(S)-[3-(2-thienyl)alanyl]-(S)-seryl-(R)-[(1,2,3,4-tetrahydro-acetate) (salt)].

A Bradykinin antagonist. Used in the treatment of systemic inflammatory response syndrome. *Hoechst-Roussel Pharmaceuticals Inc.***7108 Icatibant Acetate**

138614-30-9



(R)-Arginyl-(S)-arginyl-(S)-prolyl-(2S,4R)-(4-hydroxyprolyl)glycyl-(S)-[3-(2-thienyl)alanyl]-(S)-seryl-(R)-[(1,2,3,4-tetrahydro-3-isoquinolyl)carbonyl]-(2S,3aS,7aS)-[(hexahydro-2-indolyl)carbonyl]-(S)-arginine acetate (salt).

HOE-140. A Bradykinin antagonist. Used in the treatment of systemic inflammatory response syndrome. *Hoechst-Roussel Pharmaceuticals Inc.***Bronchodilators****7109 Acefylline**

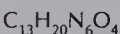
652-37-9 22 211-490-2



1,2,3,6-Tetrahydro-1,3-dimethyl-2,6-dioxopurine-7-acetic acid.

carboxymethyltheophylline; 7-theophyllineacetic acid. Bronchodilator. Xanthine derivative. mp = 271°. *E. Merck.***7110 Acefylline Piperazine**

18428-63-2 23

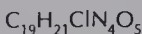


1,2,3,6-Tetrahydro-1,3-dimethyl-2,6-dioxopurine-7-acetic acid compound with piperazine.

piperazine theophylline ethanoate; piperazine theophylline-7-acetate; acepifylline; Dynaphylline; Etaphydel; Etaphylline; Etafillina. Bronchodilator. Undefined mixture of 2:1 and 1:1 salts containing 75% theophylline acetic acid and 25% anhydrous piperazine. Active metabolite is acefylline, a xanthine derivative.

7111 Acefylline Clofibrol

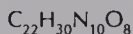
70788-27-1



2-(p-Chlorophenoxy)-2-methylpropyl 1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxopurine-7-acetate. Bronchodilator.

7112 Acefylline Piperazine

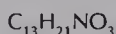
18833-13-1 242-614-3

Piperazine 7-theophyllineacetate.
Bronchodilator.**7113 Acefylline Sodium Salt**

837-27-4 22 212-652-5

1,2,3,6-Tetrahydro-1,3-dimethyl-2,6-dioxypurine-7-
acetate sodium salt.Aminodal. Bronchodilator. Xanthine derivative. mp >
300°. *E. Merck*.**7114 Albuterol**

18559-94-9 217 242-424-0

2-(tert-Butylamino)-1-(4-hydroxy-3-hydroxymethyl-
phenyl)ethanol.salbutamol; Proventil Inhaler; Ventalin Inhaler.
Bronchodilator. Ephedrine derivative. mp = 151°, 157-
158°; soluble in most organic solvents. *Allen & Hanbury*;
Glaxo Labs.**7115 Albuterol Sulfate**

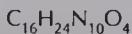
51022-70-9 217 256-916-8

2-(tert-Butylamino)-1-(4-hydroxy-3-hydroxymethyl-
phenyl)ethanol sulfate (2:1).Sch-13949W Sulfate; Aerolin; Asmaven; Broncovaleas;
Cetsim; Cobutolin; Ecovent; Loftan; Proventil; Salbumol;
Salbutard; Salbutine; Salbuvent; Sultanol; Ventelin;
Ventodisks; Ventolin; Volma. Bronchodilator; tocolytic.
Ephedrine derivative. *Allen & Hanbury*; *Glaxo Labs*.;
Lemmon Co.; *Schering AG*.**7116 Ambuphylline**

5634-34-4 404 227-077-5

Theophylline compound with 2-amino-2-methyl-1-
propanol (1:1).bufylline; theophylline aminoisobutanol; Butaphyllamine;
Buthoid; component of: Nethaphyl. Bronchodilator;
diuretic; smooth muscle relaxant. Xanthine derivative. mp
= 254-256°; soluble in H₂O (55 g/100 ml); LD₅₀ (mus orl)
= 600 mg/kg. *Marion Merrell Dow Inc*.**7117 Aminophylline**

317-34-0 485 206-264-5



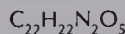
Theophylline compound with ethylenediamine (2:1).

theophylline ethylenediamine; theophyllamine;
Aminocardol; Aminodur; Aminophyllin; Cardiofilina;
Cardiomin; Cardophyllin; Carena; Diophyllin; Euphyllin
CR; Genophyllin; Grifomin; Inophylline; Metaphyllin;
Minaphol; Pecram; Peterphyllin; Phyllindon;
Phyllocontin; Pylcardin; Rectalad Aminophylline;
Somophyllin; Stenovasan; Tefamin; Theodrox;
Theolamine; Theomin; Theophyldine; component of:
Amesec, Mudrane GG Tablets, Mudrane GG-2 Tablets,
Mudrane Tablets, Mudrane-2 Tablets. Bronchodilator;
smooth muscle relaxant. Xanthine derivative. CAUTION:
Causes acute poisoning: restlessness, anorexia, nausea,
fever, vomiting, dehydration, tremors, delirium, coma;
may cause cardiovascular and respiratory collapse,
shock, cyanosis, death. LD₅₀ (mus orl) = 540 mg/kg.
Fisons Corp.; *Glaxo Labs.*; *Searle, G.D., & Co.*; *Stuart*;*Purdue Pharma L.P.*; *Wallace Labs*.**7118 Azanator**

37885-92-8 253-694-4

5-(1-Methyl-4-piperidylidene)-5H-[1]benzopyrano[2,3-b]-
pyridine.Bronchodilator. *Schering AG*.**7119 Azanator Maleate**

39624-65-2

5-(1-Methyl-4-piperidylidene)-5H-[1]benzopyrano[2,3-b]-
pyridine maleate (1:1).Sch-15280. Bronchodilator. *Schering AG*.**7120 Bambuterol**

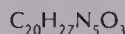
81732-65-2 980

(±)-5-[2-(tert-Butylamino)-1-hydroxyethyl]-m-phenylene
bis(diethylmethylcarbamate).terbutaline bisdimethylcarbamate. Bronchodilator. Ester
prodrug of the β₂-adrenergic agonist terbutaline.
Ephedrine derivative. *Deutsche Hydrierwerke*.**7121 Bambuterol Hydrochloride**

81732-46-9 980

(±)-5-[2-(tert-Butylamino)-1-hydroxyethyl]-m-phenylene
bis(diethylmethylcarbamate) monohydrochloride.KWD-2183; Bambec. Bronchodilator. Ephedrine
derivative. *Deutsche Hydrierwerke*.**7122 Bamifylline**

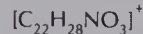
2016-63-9 982

8-Benzyl-7-[2-[ethyl-(2-
hydroxyethyl)amino]ethyl]theophylline.benzetamophylline; 8012 CB; Bamiphylline.
Bronchodilator. Xanthine derivative. mp = 80-80.5°.
*Christiaens S.A.***7123 Bamifylline Hydrochloride**

20684-06-4 982 243-967-6

8-Benzyl-7-[2-[ethyl-(2-hydroxyethyl)amino]ethyl]-
theophylline monohydrochloride.AC-3810; BAX-2739Z; Briofil; Trentadil. Bronchodilator.
Xanthine derivative. mp = 185-186°; LD₅₀ (mus orl) = 246
mg/kg, (rat orl) = 1139 mg/kg, (mus ip) = 89 mg/kg, (rat
ip) = 131 mg/kg, (mus iv) = 67 mg/kg, (rat iv) = 65 mg/kg.
*Christiaens S.A.***7124 Bevonium**

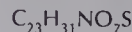
33371-53-8 1239



2-(Hydroxymethyl)-1,1-dimethylpiperidinium benzilate.

Anticholinergic; antipsasmodic, bronchodilator.
Quaternary ammonium compound. *Grünenthal*.**7125 Bevonium Methyl Sulfate**

5204-82-3 1239 226-001-8

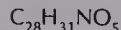
2-(Hydroxymethyl)-1,1-dimethylpiperidinium methyl
sulfate benzilate.

bevonium metilsulfate; CG-201; Acabel. Anti-

cholinergic; antispasmodic, bronchodilator. Quaternary ammonium compound. mp = 134-135°. *Grünenthal*.

7126 Bitolterol

30392-40-6 1344

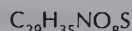


4-[2-(tert-Butylamino)-1-hydroxyethyl]-o-phenylene di-p-toluate.

Bronchodilator. α_2 -adrenergic agonist; a diester of N-tert-butyl norepinephrine. Ephedrine derivative. *Sterling Winthrop, Inc.*

7127 Bitolterol Mesylate

30392-41-7 1344 250-177-5

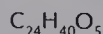


4-[2-(tert-Butylamino)-1-hydroxyethyl]-o-phenylene di-p-toluate methanesulfonate (salt).

bitolterol methanesulfonate; Win-32784; Biterol; Effectin; Tornalate. Bronchodilator. Ephedrine derivative. mp = 170-172°; soluble in DMSO. *Sterling Winthrop, Inc.*

7128 Butaprost

69648-38-0

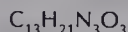


Methyl (1R,2R,3R)-3-hydroxy-2-[(1E,4R)-4-hydroxy-4-(1-propylcyclobutyl)-1-butenyl]-5-oxocyclopentaneheptanoate.

TR-4979; Bay q 4218. Bronchodilator. *Miles*.

7129 Carbuterol

34866-47-2 1882 252-257-5



[5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-2-hydroxyphenyl]urea.

Bronchodilator. β -Adrenergic agonist related to isoproterenol, with selectivity for airway smooth muscle receptors. Ephedrine derivative. mp = 174-176°; LD₅₀ (mus iv) = 32.8 mg/kg, (rat iv) = 77.2 mg/kg, (mus orl) = 3134.6 mg/kg. *SmithKline Beecham Pharmaceuticals*.

7130 Carbuterol Hydrochloride

34866-46-1 1882 252-255-4

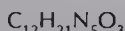


[5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-2-hydroxyphenyl]urea monohydrochloride.

SKF-40383; Bronsecur; Pirem. Bronchodilator. Ephedrine derivative. mp = 204-207° (dec). *SmithKline Beecham Pharmaceuticals*.

7131 Choline Theophyllinate

4499-40-5 2266 224-798-7



2-Hydroxy-N,N,N-trimethylethanammonium salt with 3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione (1:1).

theophylline choline; theophylline salt of choline; oxtriphylline; oxytrimethylamine; Cholinophylline; Cholelyl; Filoral; Sabidal; Soliphylline; Teokolin; Teofilcolina; Theoxylline; component of: Brondecon, Cholinophylline Magnesium Glycinate (43%). Bronchodilator. Xanthine derivative. See monotheamin, amylobarbitol. Soluble in H₂O. *Parke-Davis*.

7132 Clenbuterol

37148-27-9 2407 253-366-0



4-Amino- α -[(tert-butylamino)methyl]-3,5-dichlorobenzyl

alcohol.

NAB-365; Monores. Bronchodilator. Substituted phenylethanamine with β_2 sympathomimetic activity. Ephedrine derivative. *Thomae*.

7133 Clenbuterol Hydrochloride

21898-19-1 2407 244-643-7

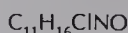


4-Amino- α -[(tert-butylamino)methyl]-3,5-dichlorobenzyl alcohol monohydrochloride.

NAB-365Cl; Spiropent; Ventipulmin. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. mp = 174-175°; soluble in H₂O, MeOH, EtOH; slightly soluble in CHCl₃; insoluble in C₆H₆; LD₅₀ (mus orl) = 176 mg/kg, (rat orl) = 315 mg/kg, (gpg orl) = 67.1, (mus iv) = 27.6 mg/kg. *Thomae*.

7134 Clorprenaline

3811-25-4 2470 223-291-8

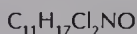


o-Chloro- α -[(isopropylamino)methyl]benzyl alcohol.

isoprophenamine; isoprofenamine. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. *Eli Lilly & Co.*

7135 Clorprenaline Hydrochloride

6933-90-0 2470 230-058-4



o-Chloro- α -[(isopropylamino)methyl]benzyl alcohol hydrochloride.

Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. *Eli Lilly & Co.*

7136 Clorprenaline Hydrochloride Monohydrate

588-22-7 2470 209-612-4



o-Chloro- α -[(isopropylamino)methyl]benzyl alcohol hydrochloride monohydrate.

Broncon; Clopinerin; Conselt; Fusca; Kalutein; Pentadoll; Restanolon. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. mp = 163-164°. *Eli Lilly & Co.*

7137 Colterol

18866-78-9



($\pm$)- α -[(tert-butylamino)methyl]-3,4-dihydroxybenzyl alcohol.

Bronchodilator. *Sterling Winthrop, Inc.*

7138 Colterol Mesylate

17605-73-1

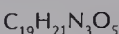


($\pm$)- α -[(tert-butylamino)methyl]-3,4-dihydroxybenzyl alcohol methanesulfonate (salt).

Win-5563-3. Bronchodilator. *Sterling Winthrop, Inc.*

7139 Darodipine

72803-02-2



Diethyl 4-(4-benzofurazanyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate.

PY-108-068. Antihypertensive; bronchodilator; vasodilator. *Sandoz Pharmaceuticals Corp.*

7140 Demelverine

13977-33-8

 $C_{17}H_{21}N$ N-Methyldiphenethylamine.
Bronchodilator.**7141 Dioxethedrin**

497-75-6

3356

207-849-8

 $C_{11}H_{17}NO_3$ α -(1-Ethylaminoethyl)protocatechuyl alcohol.dioxethedrine; component of: Bexol. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative.**7142 Dioxethedrin Hydrochloride**

3356

 $C_{11}H_{18}ClNO_3$ α -(1-Ethylaminoethyl)protocatechuyl alcohol hydrochloride.dioxethedrine hydrochloride. Bronchodilator. β -Adrenergic agonist. mp = 212-214°.**7143 Doxaprost**

51953-95-8

 $C_{21}H_{36}O_4$

(1R*,2R*)-2-[(E)-3-Hydroxy-3-methyl-1-octyl]-5-oxocyclopentaneheptanoic acid.

AY-24559. Bronchodilator.

7144 Doxofylline

69975-86-6

3494

274-239-6

 $C_{11}H_{14}N_4O_4$

7-(1,3-Dioxolan-2-ylmethyl)-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione.

doxophylline; doxofilline; ABC-12/3; Ansimar; Maxivent; Ventax. Bronchodilator. Xanthine derivative. mp = 144-145.5°; soluble in H_2O , Me_2CO , $EtOAc$, C_6H_6 , $CHCl_3$, dioxane, hot $EtOH$ s; nearly insoluble in Et_2O , petroleum ether; LD_{50} (mus orl) = 841 mg/kg, (rat orl) = 1022.4 mg/kg, (mus iv) = 215.6 mg/kg, (rat ip) = 445 mg/kg. Roberts Pharmaceutical Corp.**7145 Dyphylline**

479-18-5

3529

207-526-1

 $C_{10}H_{14}N_4O_4$

7-(2,3-Dihydroxypropyl)-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione.

diprophylline; glyphylline; glyfyllin; AFI-phyllin; Astmamasit; Athmolysin; Astrophyllin; Circair; Coronarin; Cor-Theophyllin; Dilor; Hiphyllin; Hyphylline; Lufyllin; Neophyl; Neostenovasan; Neothylline; Neotilina; Neo-Vasophylline; Neutrafil; Neutrephylline; Prophyllen; Silbephylline; Solufilin; Solufyllin; Theal ampules; Thefulan; component of: Dilor G, Neothylline-GG. Bronchodilator. Xanthine derivative. mp = 158°; λ_{m} = 273 nm ($A_{1\text{cm}}^{1\%}$ 361 in 0.001% H_2O); soluble in H_2O (30 g/100 ml), less soluble in organic solvents; LD_{50} (mus orl) = 3400 mg/kg, (mus sc) = 1430 mg/kg. Carter-Wallace; ICN Pharmaceuticals, Inc.; Lemmon Co.; Savage Labs.**7146 Enprofylline**

41078-02-8

255-201-8

 $C_8H_{10}N_4O_2$

3,7-Dihydro-3-propyl-1H-purine-2,6-dione.

enprofylline; D-4028. Bronchodilator. Xanthine

derivative. Astra Sweden.

7147 Ephedrine

90-81-3

3645

202-017-0

 $C_{10}H_{15}NO$ α -[1-(Methylamino)ethyl]benzenemethanol.1-phenyl-2-methylaminopropanol; racemic ephedrine (dl-form); racephedrine (d-form). Adrenergic (bronchodilator). α - and β -adrenergic agonist. Occurs in Ma Huang and other Ephedra species. [(dl)-form]: mp = 79°; soluble in H_2O , $EtOH$, Et_2O , $CHCl_3$, oils. Eli Lilly & Co.**7148 l-Ephedrine**

299-42-3

3645

206-080-5

 $C_{10}H_{15}NO$

L-Erythro-2-(methylamino)-1-phenylpropan-1-ol.

(-)-ephedrine. Bronchodilator. Adrenergic agonist. Waxy solid; may contain up to 1/2 mole H_2O ; mp = 34°; bp = 255°; somewhat soluble in H_2O (5 g/100 ml); more soluble in $EtOH$ (500 g/100 ml), $CHCl_3$, Et_2O , oils.**7149 Ephedrine Hydrochloride**

134-71-4

3645

205-153-9

 $C_{10}H_{16}ClNO$ α -[1-(Methylamino)ethyl]benzenemethanol hydrochloride.racephedrine hydrochloride [do-form]; Ephetonin [dl-form]. Adrenergic (bronchodilator). α - and β -adrenergic agonist. Occurs in Ma Huang and other Ephedra species. [(dl)-form]: mp = 187-188°; soluble in H_2O (0.25 g/ml); somewhat soluble in $EtOH$; nearly insoluble in Et_2O ; pH 6. Bristol Labs.; Glaxo Labs.; Parke-Davis; Stuart; Sterling Winthrop, Inc.; Whitehall Labs.**7150 l-Ephedrine Hydrochloride**

50-98-6

3645

200-074-6

 $C_{10}H_{16}ClNO$

L-Erythro-2-(methylamino)-1-phenylpropan-1-ol hydrochloride.

Ephedral; Sandrine; component of: Amesec, Bena-Fedrin, Muldrane GG Elixer, Primatene Tablets, Quadrial, Quibron Plus, Tedral. Bronchodilator. Adrenergic agonist. mp = 216-220°; $[\alpha]_D^{25}$ = -33 - -35.5 (c = 5); soluble in H_2O (33 g/100 ml), $EtOH$ (7.1 g/100 ml); nearly insoluble in Et_2O , $CHCl_3$.**7151 Ephedrine Sulfate**

3645

 $C_{10}H_{17}NO_4S$ α -[1-(Methylamino)ethyl]benzenemethanol sulfate.racephedrine sulfate (dl-form). Adrenergic (bronchodilator). α - and β -adrenergic agonist. Occurs in Ma Huang and other Ephedra species. [(dl)-form]: mp = 247°; soluble in H_2O , $EtOH$; pH 6. Boehringer Mannheim GmbH.**7152 l-Ephedrine Sulfate**

134-72-5

3645

205-154-4

 $C_{20}H_{32}N_2O_6$

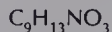
L-Erythro-2-(methylamino)-1-phenylpropan-1-ol sulfate (2:1) salt.

Isofedrol. Bronchodilator. Adrenergic agonist. mp = 245° (dec); $[\alpha]_D^{25}$ = -29.5 - -32.0 (c = 5); soluble in H_2O (83.3

g/100 ml), hot EtOH.

7153 Epinephrine

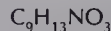
51-43-4 3656 200-098-7



(R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol. l-methylaminoethanolcatechol; adrenalin; levorenen; Bronkaid Mist; Epifrin; Epiglaufin; Eppy; Glaucon; Glauposine; Primatene Mist; Simplene; Sus-phrine; Suprarenaline. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma. Endogenous catecholamine with combined α - and β -agonist activity. Principal sympathomimetic hormone produced by the adrenal medulla. mp = 211-212°; dec 215°; $[\alpha]_D^{25}$ = -50.0° = -53.5° (in 0.6N HCl); slightly soluble in H₂O, EtOH; soluble in aq solutions of mineral acids; insoluble in aq solutions of ammonia and alkali carbonates; insoluble in Et₂O, Me₂CO, oils; LD₅₀ (mus ip) = 4 mg/kg. *Alcon Labs.; Allergan, Inc.; Bristol-Myers Squibb Pharmaceutical Res. and Dev; Iolab; Elkins-Sinn; Parke-Davis; Sterling Winthrop, Inc.; Whitehall Labs.; Wyeth-Ayerst Labs.*

7154 dl-Epinephrine

329-65-7 3656 206-347-6



(±)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol. racepinefrine; racepinephrine. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma. Sparingly soluble in H₂O, EtOH.

7155 Epinephrine d-Bitartrate

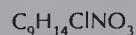
51-42-3 3656 200-097-1



(R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol [R-(R*,R*)]-2,3-dihydroxybutanedioate (1:1) (salt). Asmatane Mist; Astmahaler Epitrate; Medihalet-Epi; Primatene Mist Suspension; component of: Astmahaler, E-Pilo. Adrenergic (ophthalmic). mp = 147-154° (some dec); soluble in H₂O (30 g/100 ml); slightly soluble in EtOH. *3M Pharmaceuticals; Iolab; Menley & James Labs., Inc.; Sterling Winthrop, Inc.; Whitehall Labs.; Wyeth-Ayerst Labs.*

7156 Epinephrine Hydrochloride

51-31-2 3656



(R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol hydrochloride. Adrenalin; Epifrin; Glaucon; Suprarenin. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma.

7157 dl-Epinephrine Hydrochloride

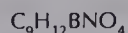
329-63-5 3656 206-346-0



(±)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol hydrochloride. Asthmanefrin; Vaponefrin. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma. mp = 157°; soluble in H₂O; sparingly soluble in absolute EtOH.

7158 Epinephryl Borate

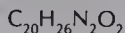
5579-16-8 226-961-8



(R)-2-Hydroxy- α -[(methylamino)methyl]-1,3,2-benzodioxaborole-5-methanol. Epinal; Eppy/N. Adrenergic (ophthalmic). *Alcon Labs.;*

*Pilkington Barnes Hind.***7159 Eprozinol**

32665-36-4 3670 251-146-9



4-(β -Methoxyphenethyl)- α -epin-4(iH)-one. Bronchodilator. Ephedrine derivative.

7160 Eprozinol Dihydrochloride

27588-43-8 3670



4-(β -Methoxyphenethyl)- α -epin-4(iH)-one dihydrochloride.

Alecor, Brovel; Eupnéron. Bronchodilator. mp = 164°; soluble in H₂O, EtOH; LD₅₀ (mus orl) = 500 mg/kg.

7161 Etafedrine

5591-29-7 3752 227-000-5

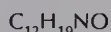


α -[1-(Ethylmethylamino)ethyl]benzenemethanol hydrochloride.

Nethamine; component of: Nethaphyl. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. mp = 183-184°; soluble in H₂O (67 g/100 ml), EtOH (12.5 g/100 ml). *Marion Merrell Dow Inc.*

7162 Etafedrine Hydrochloride

7681-79-0 3752 231-677-2

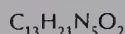


α -[1-(Ethylmethylamino)ethyl]benzenemethanol.

Menetryl; Novedrine. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. *Marion Merrell Dow Inc.*

7163 Etamiphyllin

314-35-2 3754 206-244-6



7-[2-(Diethylamino)ethyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione.

etamiphylline; dietamiphylline; millophylline. Bronchodilator. Xanthine derivative. Waxy solid; mp = 75°; soluble in H₂O, Me₂CO; slightly soluble in EtOH, Et₂O.

7164 Etamiphyllin Camphorsulfonate

3754



7-[2-(Diethylamino)ethyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione camphorsulfonate.

Camphophylline. Bronchodilator. Xanthine derivative. mp = 174°.

7165 Etamiphyllin Heparinate

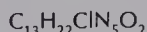
3754

7-[2-(Diethylamino)ethyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione heparinate.

Milhéline. Bronchodilator. Xanthine derivative.

7166 Etamiphyllin Hydrochloride

17140-68-0 3754 206-244-6



7-[2-(Diethylamino)ethyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione monohydrochloride.

Bronchodilator. Xanthine derivative. mp = 239-241°; soluble in H₂O.

7167 Etamiphyllin Iodomethylate

3754

7-[2-(Diethylamino)ethyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione iodomethylate.
Iodaphylline; Iodafilina; Jodo-Metil-Fillina.
Bronchodilator. Xanthine derivative.

7168 Ethylnorepinephrine

536-24-3 3880

$C_{10}H_{15}NO_3$
4-(2-Amino-1-hydroxybutyl)-1,2-benzenediol.
ethylnoradrenaline; ethylnorsprenen; E.N.E; E.N.S.
Bronchodilator. Ephedrine derivative. *Sterling Winthrop, Inc.*

7169 Ethylnorepinephrine Hydrochloride

3198-07-0 3880

$C_{10}H_{16}ClNO_3$
4-(2-Amino-1-hydroxybutyl)-1,2-benzenediol hydrochloride.
Bronkephrine. Bronchodilator. Ephedrine derivative. Dec 199-200°; soluble in H_2O . *Sterling Winthrop, Inc.*

7170 Etofylline

519-37-9 3924 208-269-8

$C_9H_{12}N_4O_3$
3,7-Dihydro-7-(2-hydroxyethyl)-1,3-dimethyl-1H-purine-2,6-dione.
oxyethyltheophylline; Oxytheonyl; Oxphylline; Phyllocormin N. Bronchodilator. Pharmacological action as of theophylline, a xanthine derivative. See theophylline. mp = 158°; soluble in H_2O ; moderately soluble in EtOH; pH (5% aqueous solution) = 6.5-7.0.

7171 Fenoterol

13392-18-2 4022

$C_{17}H_{21}NO_4$
5-[1-Hydroxy-2-[(2-(4-hydroxyphenyl)-1-methylethyl)amino]ethyl]-1,3-benzenediol.
TH-1165. Bronchodilator; tocolytic. β -Adrenergic agonist. Ephedrine derivative. *Boehringer Ingelheim GmbH.*

7172 Fenoterol Hydrobromide

1944-12-3 4022

$C_{17}H_{22}BrNO_4$
5-[1-Hydroxy-2-[(2-(4-hydroxyphenyl)-1-methylethyl)amino]ethyl]-1,3-benzenediol hydrobromide.
TH-1165a; Airum; Berotec; Dosberotec; Partusisten. Bronchodilator; tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 222-223°; LD_{50} (mus sc) = 1100 mg/kg, (mus orl) = 1990 mg/kg. *Boehringer Ingelheim GmbH.*

7173 Fenprinast

75184-94-0

$C_{16}H_{16}ClN_5O$
4-(p-Chlorobenzyl)-1,4,6,7-tetrahydro-6,6-dimethyl-9H-imidazo[1,2-a]purin-9-one.
Bronchodilator. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

7174 Fenprinast Hydrochloride

77482-47-4

$C_{16}H_{19}Cl_2N_5O_2$
4-(p-Chlorobenzyl)-1,4,6,7-tetrahydro-6,6-dimethyl-9H-imidazo[1,2-a]purin-9-one monohydrochloride

monohydrate.

MJ-13401-1-3. Bronchodilator (anti-allergic). *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

7175 Fenspiride

5053-06-5 4041 225-751-3

$C_{15}H_{20}N_2O_2$
8-(2-Phenylethyl)-1-oxa-3,8-diazaspiro[4.5]decan-2-one.
decaspiride; DESP. Bronchodilator. α -Adrenergic blocker. *Marion Merrell Dow Inc.*

7176 Fenspiride Hydrochloride

5053-08-7 4041 225-752-9

$C_{15}H_{21}ClN_2O_2$
8-(2-Phenylethyl)-1-oxa-3,8-diazaspiro[4.5]decan-2-one monohydrochloride.
NAT-333; NDR-5998A; Decaspir; Fluiden; Pneumorel; Respire; Tefencia; Viaprespan. Bronchodilator. mp = 232-233°; soluble in H_2O ; LD_{50} (mus iv) = 106 mg/kg, (rat orl) = 437 mg/kg. *Marion Merrell Dow Inc.*

7177 Flutropium Bromide

63516-07-4 4248

$C_{24}H_{29}BrFNO_3$
(8r)-8-(2-Fluoroethyl)-3 α -hydroxy-1 α H,5 α H-tropanium bromide benzilate.
Ba-598Br; Flubron. Bronchodilator. Quaternary ammonium compound. mp = 192-193° (dec); LD_{50} (mmus iv) = 12.5 mg/kg, (mmus orl) = 760 mg/kg. *Boehringer Ingelheim GmbH.*

7178 Formoterol

73573-87-2 4272

$C_{19}H_{24}N_2O_4$
($\pm$)-2'-Hydroxy-5'-[(RS)-1-hydroxy-2-[(RS)-p-methoxy- α -methylphenyl]amino]ethyl]formanilide.
CGP-25827A. Antiasthmatic. α -Adrenoceptor stimulating catecholamine analog with selective bronchodilator activity. Ephedrine derivative. *Yamanouchi U.S.A. Inc.*

7179 Formoterol Fumarate Dihydrate

4272

$C_{42}H_{56}N_4O_{14}$
($\pm$)-2'-Hydroxy-5'-[(RS)-1-hydroxy-2-[(RS)-p-methoxy- α -methylphenyl]amino]ethyl]formanilide fumarate dihydrate.
BD-40A; Atock; Foradil. Antiasthmatic. α -Adrenoceptor stimulating catecholamine analog with selective bronchodilator activity. Ephedrine derivative. mp = 138-140°; LD_{50} (mrat orl) = 3130 mg/kg, (mrat iv) = 98 mg/kg, (mrat sc) = 1000 mg/kg, (mrat ip) = 170 mg/kg. *Yamanouchi U.S.A. Inc.*

7180 Guaithylline

5634-38-8 4582 227-078-0

$C_{17}H_{22}N_4O_6$
Theophylline compound with 3-(o-methoxyphenoxy)-1,2-propanediol.
guaifylline; Eclabron. Bronchodilator; expectorant. Xanthine derivative. See guaifenesin. *Degussa AG; Forest Pharmaceuticals Inc.; Key Pharmaceuticals; Robins, A.H. Co.; Xttrium Labs., Inc.*

7181 Hexoprenaline

3215-70-1 4745

 $C_{22}H_{32}N_2O_6$

α,α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol).

BYK-1512. Bronchodilator; tocolytic. β -Adrenergic agonist. Ephedrine derivative. [hemihydrate]: mp = 162-165°. *OSSW; Lentia.*

7182 Hexoprenaline

32266-10-7 4745 250-974-8

$C_{22}H_{34}N_2O_{10}S$

α,α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol) sulfate.

Bronalin; Delaprem; Etoscol; Gynipral; Ipradol; Leanol. Bronchodilator; tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 222-228°. *OSSW; Lentia.*

7183 Hexoprenaline Dihydrochloride

4323-43-7 4745 224-354-2

$C_{22}H_{34}Cl_2N_2O_6$

α,α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol) dihydrochloride.

ST-1512; Ipradol. Bronchodilator; tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 197.5-198°. *OSSW; Lentia.*

7184 Hoquizil

21560-59-8

$C_{19}H_{26}N_4O_5$

2-Hydroxy-2-methylpropyl 4-(6,7-dimethoxy-4-quinazolinyl)-1-piperazinecarboxylate. Bronchodilator. *Pfizer Inc.*

7185 Hoquizil Hydrochloride

23256-28-2

$C_{19}H_{27}ClN_4O_5$

2-Hydroxy-2-methylpropyl 4-(6,7-dimethoxy-4-quinazolinyl)-1-piperazinecarboxylate monohydrochloride.

CP-14185-1. Bronchodilator. *Pfizer Inc.*

7186 Ipratropium Bromide Monohydrate

66985-17-9 5089

$C_{20}H_{32}BrNO_4$

3 α -Hydroxy-8-isopropyl-1 α H,5 α H-tropanium bromide ($\pm$)-tropate monohydrate.

Sch-100-Br-monohydrate. Bronchodilator; antiarrhythmic. Anticholinergic. Quaternary ammonium compound. *Boehringer Ingelheim GmbH.*

7187 Ipratropium Bromide [anhydrous]

22254-24-6 5089 244-873-8

$C_{20}H_{30}BrNO_3$

3 α -Hydroxy-8-isopropyl-1 α H,5 α H-tropanium bromide ($\pm$)-tropate.

N-isopropylnoratropinium bromomethylate; Sch-100; Atem; Atrovent; Bitrop; Itrop; Narilet; Rinatoc. Bronchodilator; antiarrhythmic. Anticholinergic. Quaternary ammonium compound. mp = 230-232°; soluble in H_2O , lower alcohols; insoluble in Et_2O , $CHCl_3$, fluorohydrocarbons; LD₅₀ (mmus orl) = 1001 mg/kg; (mrat orl) = 1663 mg/kg; (mmus iv) = 12.29 mg/kg; (mmus sc) = 300 mg/kg. *Boehringer Ingelheim GmbH.*

7188 Isbufylline

90162-60-0

$C_{11}H_{16}N_4O_2$

7-Isobutyltheophylline.

A new antibronchospastic xanthine; used as a bronchodilator.

7189 Isoetharine

530-08-5 5185 208-472-1

$C_{13}H_{21}NO_3$

3,4-Dihydroxy- α -[1-(isopropylamino)propyl]benzyl alcohol.

etyprenaline; isoetarine; Win-3406; Dilabron; Neoisuprel. Bronchodilator. Ephedrine derivative. *I.G. Farben; Sterling Winthrop, Inc.*

7190 Isoetharine Hydrochloride

2576-92-3 5185 219-927-9

$C_{13}H_{22}ClNO_3$

3,4-Dihydroxy- α -[1-(isopropylamino)propyl]benzyl alcohol hydrochloride.

Asthmalitan; Bronkosol; Numotac. Bronchodilator. Ephedrine derivative. mp = 212-213° (dec). *I.G. Farben; Parke-Davis; Sterling Winthrop, Inc.*

7191 Isoetharine Mesylate

7279-75-6 5185 230-695-8

$C_{14}H_{25}NO_6S$

3,4-Dihydroxy- α -[1-(isopropylamino)propyl]benzyl alcohol methanesulfonate (salt).

isoetarine mesilate; Bronkometer. Bronchodilator. Ephedrine derivative. *I.G. Farben; Sterling Winthrop, Inc.*

7192 Isoproterenol

7683-59-2 5236 231-687-7

$C_{11}H_{17}NO_3$

3,4-Dihydroxy- α -[(isopropylamino)methyl]benzyl alcohol.

epinephrine isopropyl homolog; isoprenaline; dihydroxyphenylethanolisopropylamine; N-isopropylnoradrenaline; A-21; Aludrine; Aleudrin; Isuprel; Norisodrine; Asiprenol; Asmalar; Neo-Epinine; Novodrin; Isupren; Neodrenal; Isopropydrin; Assiprenol; Respifral; Bellasthman; Saventrine; Proternol; Isorenin; Vapo-N-Iso; Isonorin. Bronchodilator; anticholinergic. β -Adrenergic agonist; catecholamine derivative. Ephedrine derivative. [(dl)-form]: mp = 155.5°; [(l)-form]: mp = 164-165°; [α]_D¹⁹ = -45.0° (c = 2 in 2N HCl); pKa = 8.64; LD₅₀ (mrat orl) = 3675 mg/kg. *3M Pharmaceuticals; Abbott Labs.; Eli Lilly & Co.; Fisons Corp.; Parke-Davis; Sterling Winthrop, Inc.*

7193 Isoproterenol Hydrochloride

51-30-9 5236 200-089-8

$C_{11}H_{18}ClNO_3$

3,4-Dihydroxy- α -[(isopropylamino)methyl]benzyl alcohol hydrochloride.

Aerolone; Aerotrol; Euspiran; Isomenyl; Isovon; Mistarel; Suscardia; component of: Aerolone Solution, Duo-Medihaler. Bronchodilator; anticholinergic. Ephedrine derivative. [(dl)-form]: mp = 170-171°; [(l)-form]: dec 162-164°; [α]_D¹⁹ = -50°; soluble in H_2O ; less soluble in EtOHs; nearly insoluble in some organic solvents; LD₅₀ (rat orl) 2220 mg/kg. *3M Pharmaceuticals; Abbott Labs.; Eli Lilly & Co.; Fisons Corp.; Parke-Davis; Sterling Winthrop, Inc.*

7194 Isoproterenol Sulfate

6700-39-6 5236

$C_{22}H_{40}N_2O_{12}S$

3,4-Dihydroxy- α -[(isopropylamino)methyl]benzyl alcohol

sulfate (2:1) salt dihydrate.

Aludrin; Isomist; Propal; Luf-Iso; Medihaler Iso. Bronchodilator; anticholinergic. Ephedrine derivative. [(dl)-form]: mp = 128° (with some decomposition); soluble in H₂O (25 g/100 ml); slightly soluble in EtOH; nearly insoluble in most organic solvents. 3M Pharmaceuticals; Abbott Labs.; Carter-Wallace.

7195 Isoproterenol Sulfate [anhydrous]

299-95-6 5236 206-085-2

C₂₂H₃₆N₂O₁₀S

3,4-Dihydroxy-α-[(isopropylamino)methyl]benzyl alcohol sulfate (2:1) salt.

isoprenaline sulfate. Bronchodilator; anticholinergic. Ephedrine derivative.

7196 L-Isoproterenol D-Bitartrate

54750-10-6 5236 259-322-7

C₁₇H₂₃NO₉

L-3,4-Dihydroxy-α-[(isopropylamino)methyl]benzyl alcohol D-Bitartrate.

Isolevin [as dihydrate]. Bronchodilator; anticholinergic. Ephedrine derivative. [dihydrate]: mp = 80-83° (sinters at 78°); [α]_D¹⁹ = -14.9° (c = 2.31).

7197 Lomifylline

10226-54-7 233-547-0

C₁₃H₁₈N₄O₃

7-(5-Oxohexyl)theophylline.

Xanthine derivative. Bronchodilator.

7198 Mabuterol

56341-08-3 5674

C₁₃H₁₈ClF₃N₂O

4-Amino-α-[(tert-butylamino)methyl]-3-chloro-5-(trifluoromethyl)benzyl alcohol.

ambuterol. Bronchodilator. Orally active β-adrenergic agonist related to clenbuterol. Ephedrine derivative. Boehringer Ingelheim Ltd.; Thomae.

7199 dl-Mabuterol Hydrochloride

95656-48-7 5674

C₁₃H₁₉Cl₂F₃N₂O

4-Amino-α-[(tert-butylamino)methyl]-3-chloro-5-(trifluoromethyl)benzyl alcohol hydrochloride.

KF-868; PB-868Cl; Broncholin. Bronchodilator. Ephedrine derivative. mp = 205-206°; somewhat soluble in H₂O; LD₅₀ (mmus ip) = 60.3 mg/kg, (mmus orl) = 220.8 mg/kg. Boehringer Ingelheim Ltd.; Thomae.

7200 Medibazine

53-31-6 5831 200-168-7

C₂₅H₂₆N₂O₂

1-(Diphenylmethyl)-4-piperonylpiperazine.

S-4105. Vasodilator (coronary); bronchodilator.

7201 Medibazine Dihydrochloride

96588-03-3 5831

C₂₅H₂₈Cl₂N₂O₂

1-(Diphenylmethyl)-4-piperonylpiperazine dihydrochloride.

Vialibran. Vasodilator (coronary); bronchodilator. mp = 288°.

7202 Metaproterenol

586-06-1 5992 209-569-1

C₁₁H₁₇NO₃

1-(3,5-Dihydroxyphenyl)-2-isopropylaminoethanol.

orcioprenaline. Bronchodilator. Ephedrine derivative. mp = 100°. Boehringer Ingelheim Ltd.

7203 Metaproterenol Polistirex

Sulfonated styrene-divinylbenzene copolymer complex with 1-(3,5-dihydroxyphenyl)-2-isopropylaminoethanol. Bronchodilator. Fisons Corp.

7204 Metaproterenol Sulfate

5874-97-5 5992 227-539-6

C₂₂H₃₆N₂O₁₀S

1-(3,5-Dihydroxyphenyl)-2-isopropylaminoethanol sulfate (2:1).

orcioprenaline sulfate; TH-152; Alotec; Alupent; Metaprel; Novasmasol. Bronchodilator. Ephedrine derivative. mp = 202-203°; LD₅₀ (rat orl) = 42 mg/kg. Boehringer Ingelheim Ltd.; Sandoz Pharmaceuticals Corp.

7205 Methoxyphenamine

93-30-1 6077 202-237-7

C₁₁H₁₇NO

2-Methoxy-N,α-dimethylbenzeneethanamine.

Bronchodilator. β-Adrenergic agonist. Oil; bp₂ = 97-99°. Nippon Shinyaku.

7206 Methoxyphenamine Hydrochloride

5588-10-3 6077 226-993-2

C₁₁H₁₈ClNO

2-Methoxy-N,α-dimethylbenzeneethanamine hydrochloride.

Proasma; Orthoxine; component of: Orthoxicol. Bronchodilator. β-Adrenergic agonist. mp = 129-131°; soluble in H₂O, EtOH, CHCl₃; slightly soluble in Et₂O, C₆H₆; pH (5% aqueous solution) = 5.3-5.7. Nippon Shinyaku; Mauvernay; Upjohn Ltd.

7207 Methylephedrine

552-79-4 6145 209-022-7

C₁₁H₁₇NO

Erythro-α-[1-(dimethylamino)ethyl]benzyl alcohol.

N-methylephedrine; N,N-dimethylnorephedrine. Analeptic. Ephedrine derivative. [(dl)-form]: mp = 63.5-64.5°; soluble in common solvents.

7208 Metiprenaline

1212-03-9

C₁₂H₁₉NO₃

α-[(Isopropylamino)methyl]vanillyl alcohol.

See isoproterenol. Bronchodilator.

7209 Mexafylline

80294-25-3

C₁₄H₁₈N₄O₂

3-(3-Cyclohexen-1-ylmethyl)-1,8-dimethylxanthine. Theophylline derivative. Bronchodilator.

7210 Motapizone

90697-57-7

C₁₂H₁₂N₄OS

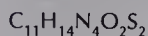
(±)-4,5-Dihydro-6-(4-imidazole-1-yl-2-thienyl)-5-methyl-3(2H)-pyridazinone.

Specific phosphodiesterase inhibitor with some

bronchodilating and vasodilating activities.

7211 Nestifylline

116763-36-1

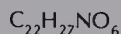


7-(1,3-Dithiolan-2-ylmethyl)theophylline.

Theophylline derivative. Bronchodilator.

7212 Nisbuterol

60734-87-4



(±)-α-[(tert-Butylamino)methyl]-3,4-dihydroxybenzyl alcohol 3-acetate 4-p-anisate.

Bronchodilator. *Sterling Winthrop, Inc.*

7213 Nisbuterol Mesylate

60734-88-5

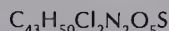


(±)-α-[(tert-Butylamino)methyl]-3,4-dihydroxybenzyl alcohol 3-acetate 4-p-anisate methanesulfonate (salt).

Win-34886. Bronchodilator. *Sterling Winthrop, Inc.*

7214 Nalpitantium Besilate

155418-06-7



1-[2-[(S)-3-(3,4-Dichlorophenyl)-1-[(m-isopropoxy-phenyl)acetyl]-3-piperidyl]ethyl]-4-phenylquinuclidinium benzenesulfonate.

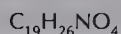
SR-140333. Tachykinin NK1 receptor antagonist. Bronchodilator.

7215 Oxitropium Bromide

30286-75-0

7077

250-113-6



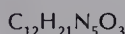
(8r)-6β,7β-Epoxy-8-ethyl-3α-hydroxy-1αH,5αH-tropanium bromide (-)-tropate.

Ba-253; Ba-253-BR-L; Oxivent; Tersigat; Ventilat. Bronchodilator. Anticholinergic. Quaternary ammonium compound. mp = 203-204° (dec); [α]_D²¹ = -25° (c = 2 in H₂O). *Boehringer Ingelheim Ltd.*

7216 Oxtriphylline

4499-40-5

224-798-7



2-Hydroxy-N,N,N-Trimethylethanaminium salt with 3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione (1:1).

choline theophyllinate; Choledyl; component of: Brondecon. Bronchodilator. *Parke-Davis.*

7217 Picumeterol

130641-36-0



(-)-(R)-4-Amino-3,5-dichloro-α-[[[6-[2-(2-pyridyl)ethoxy]hexyl]amino]methyl]benzyl alcohol.

GR-114297X. Bronchodilator. *Glaxo Labs.*

7218 Picumeterol Fumarate

130641-37-1

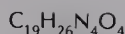


(-)-(R)-4-Amino-3,5-dichloro-α-[[[6-[2-(2-pyridyl)ethoxy]hexyl]amino]methyl]benzyl alcohol fumarate (2:1) (salt).

GR-114297A. Bronchodilator. *Glaxo Labs.*

7219 Piquizil

21560-58-7

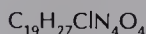


Isobutyl 4-(6,7-dimethoxy-4-quinazolinyl)-1-piperazinecarboxylate.

Bronchodilator. *Pfizer Inc.*

7220 Piquizil Hydrochloride

23256-26-0



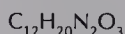
Isobutyl 4-(6,7-dimethoxy-4-quinazolinyl)-1-piperazinecarboxylate monohydrochloride.

CP-12521-1. Bronchodilator. *Pfizer Inc.*

7221 Pirbuterol

38677-81-5

7644



α-[(tert-Butylamino)methyl]-3-hydroxy-2,6-pyridinedimethanol.

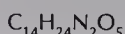
Bronchodilator. Analog of albuterol, a β₂-adrenergic agonist. Ephedrine derivative. *Pfizer Inc.*

7222 Pirbuterol Acetate

65652-44-0

7644

265-862-4



α-[(tert-Butylamino)methyl]-3-hydroxy-2,6-pyridinedimethanol monoacetate.

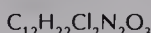
CP-24314-14; Maxair; Spirolair. Bronchodilator. Ephedrine derivative. *3M Pharmaceuticals; Pfizer Inc.*

7223 Pirbuterol Hydrochloride

38029-10-6

7644

253-751-3



α-[(tert-Butylamino)methyl]-3-hydroxy-2,6-pyridinedimethanol dihydrochloride.

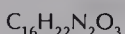
CP-24314-1; Broncor; Exirel. Bronchodilator. Ephedrine derivative. mp = 182° (dec). *Pfizer Inc.*

7224 Procaterol

72332-33-3

7939

276-590-0



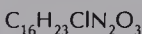
(±)-Erythro-8-Hydroxy-5-[1-hydroxy-2-(isopropylamino)butyl]carbostyryl.

Bronchodilator. Symphathomimetic amine with selective β₂-adrenergic agonist activity. Ephedrine derivative. *Otsuka America Pharmaceuticals, Inc.*

7225 Procaterol Hydrochloride

59828-07-8

7939



(±)-Erythro-8-Hydroxy-5-[1-hydroxy-2-(isopropylamino)butyl]carbostyryl.

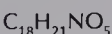
Cl-888; OPC-2009; Lontermin; Masacin; Meptin; Onskil; Pro-Air; Procadil; Promaxol; Propulum. Bronchodilator. Ephedrine derivative. [hemihydrate]: mp = 193-197° (dec); soluble in MeOH; slightly soluble in EtOH; nearly insoluble in Me₂CO, Et₂O, EtOAc, CHCl₃, C₆H₆; LD₅₀ (mrat orl) = 2600 mg/kg; (mrat iv) = 80 mg/kg. *Otsuka America Pharmaceuticals, Inc.; Parke-Davis.*

7226 Protokylol

136-69-6

8082

205-255-3



4-[2-[(1,3-Benzodioxol-5-yl)-1-methylethyl]amino]-1-hydroxyethyl]-1,2-benzenediol.

Bronchodilator. β-Adrenergic agonist. Ephedrine

derivative. *Lakeside Biotechnology.*

7227 Protokylol Hydrochloride

136-70-9 8082 205-254-8

$C_{18}H_{22}ClNO_5$

4-[2-[[2-(1,3-Benzodioxol-5-yl)-1-methylethyl]amino]-1-hydroxyethyl]-1,2-benzenediol hydrochloride.

JB-251; Caytine; Ventaire. Bronchodilator. β -Adrenergic agonist. Ephedrine derivative. mp = 126-127°; soluble in H_2O ; LD₅₀ (rat orl) 940 mg/kg. *Lakeside Biotechnology.*

7228 Proxyphylline

603-00-9 8092 210-028-7

$C_{10}H_{14}N_4O_3$

3,7-Dihydro-7-(2-hydroxypropyl)-1,3-dimethyl-1H-purine-2,6-dione.

Brontyl; Proxy-Retardoral; Purophyllin; Spantin; Spasmolysin; Thean; Theon. Bronchodilator; vasodilator. Smooth muscle relaxant. Xanthine derivative. mp = 135-136°; soluble in H_2O (100 g/100 ml), absolute EtOH (7 g/100 ml); more soluble in boiling EtOH; pH (5% aqueous solution) = 5.0-7.0.

7229 Pseudoephedrine

3645

$C_{10}H_{15}NO$

DL-Threo-2-(methylamino)-1-phenylpropan-1-ol. dl-pseudoephedrine. Adrenergic agonist. mp = 118°.

7230 d-Pseudoephedrine

90-82-4 3645 202-018-6

$C_{10}H_{15}NO$

[S-(R*,R*)]- α -[1-(methylamino)ethyl]benzenemethanol.

d-isopseudoephedrine; d- ψ -ephedrine. Decongestant. Adrenergic agonist. mp = 119°; [α]_D²⁰ = +51° (c = 0.6 in EtOH); pH (0.5% aqueous solution) = 10.8; sparingly soluble in H_2O ; freely soluble in EtOH, Et₂O.

7231 d-Pseudoephedrine Hydrochloride

345-78-8 3645 206-462-1

$C_{10}H_{16}ClNO$

[S-(R*,R*)]- α -[1-(methylamino)ethyl]benzenemethanol hydrochloride.

Galpseud; Novafed; Rhinalair; Otrinal; Sinufed; Sudafed; Symptom 2; PediaCare Decongestant Drops, Actifed, Actifed Plus, Actifed with Codeine Cough Syrup, Advil Cold & Sinus, Allent, Alleract, Allerest; component of: Brexin EX, Brexin LA, Children's Tylenol Cold Tablets, Congestac, Contac Jr Non-drowsy Formula, Contac Nighttime Cold Medicine, Deconamine; component of: Dimacol, Dorcol, Dristan Allergy, Dristan Sinus, Fedahist, Histalet Syrup, Histalet X T. Decongestant. Adrenergic agonist. mp = 181-182°; [α]_D²⁰ = +62° (c = 0.8); λ_m = 208, 215, 257, 264 nm (ϵ 8300, 161, 201, 161, EtOH); pKa = 9.22; pH (0.5% aqueous solution) = 5.9; soluble in H_2O ; LD₅₀ (mus ip) = 165 mg/kg. *Boots Pharmaceuticals Inc.; Burroughs Wellcome; Fisons Corp.; Menley & James Labs., Inc.; Marion Merrell Dow Inc.; McNeil Pharmaceutical; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Robins, A.H. Co.; Ross Products.; Savage Labs.; Sandoz Pharmaceuticals Corp.; Schwarz Pharma Kremers Urban Co.; SmithKline Beecham Pharmaceuticals; Whitehall Labs.; Wyeth-Ayerst Labs.*

7232 d-Pseudoephedrine Sulfate

7460-12-0 3645 231-243-2

$C_{10}H_{17}NO_5S$

[S-(R*,R*)]- α -[1-(Methylamino)ethyl]benzenemethanol sulfate.

Afrinol. Decongestant. Adrenergic agonist.

7233 Quazodine

4015-32-1

$C_{12}H_{14}N_2O_2$

4-Ethyl-6,7-dimethoxyquinazoline.

MJ-1988. Cardiotonic; bronchodilator.

7234 Quinterenol

13757-97-6

$C_{14}H_{18}N_2O_2$

8-Hydroxy- α -[(isopropylamino)methyl]-5-quinolinemethanol.

quinprenaline. Bronchodilator. *Pfizer Inc.*

7235 Quinterenol Sulfate

13758-23-1

$C_{28}H_{38}N_4O_8S$

8-Hydroxy- α -[(isopropylamino)methyl]-5-quinolinemethanol sulfate (2:1).

quinprenaline sulfate; CP-10303-8. Bronchodilator. *Pfizer Inc.*

7236 Reproterol

54063-54-6 8307 258-956-1

$C_{18}H_{23}N_5O_5$

7-[3-[[2-(3,5-Dihydroxyphenyl)-2-hydroxyethyl]amino]-propyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione.

D-1959. Bronchodilator. Theophylline derivative with selective β_2 receptor activity. Ephedrine derivative. *Degussa AG.*

7237 Reproterol Hydrochloride

13055-82-8 8307 235-942-3

$C_{18}H_{24}ClN_5O_5$

7-[3-[[2-(3,5-Dihydroxyphenyl)-2-hydroxyethyl]amino]-propyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione monohydrochloride.

D-1959-HCl; W-2946M; Asmaterolo; Bronchodil; Bronchospasmin. Bronchodilator. Ephedrine derivative. mp = 249-250°; LD₅₀ (mus iv) = 148 mg/kg, (mus orl) > 10000 mg/kg. *Degussa AG; Wallace Labs.*

7238 Revatropate

149926-91-0

$C_{19}H_{27}NO_4S$

(R)-3-quinuclidinyl

(S)- β -hydroxy- α -[2-(R)-

methylsulfinyl]ethyl]hydratropate.

A novel antimuscarinic agent with selectivity for M1 and M3 receptors. Bronchodilator.

7239 Rimiterol

32953-89-2 8393 251-305-2

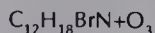
$C_{12}H_{17}N_3O_3$

(R*,S*)-4-(Hydroxy-2-piperidinylmethyl)-1,2-benzenediol. Bronchodilator. Ephedrine derivative. mp = 203-204°.

SmithKline Beecham Pharmaceuticals.

7240 Rimiterol Hydrobromide

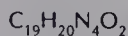
31842-61-2 8393 250-834-6



(R*,S*)-4-(Hydroxy-2-piperidinylmethyl)-1,2-benzenediol hydrobromide.

R-798; WG-253; Asmaten; Pulmadil. Bronchodilator. Ephedrine derivative. mp = 220° (dec). *3M Pharmaceuticals; SmithKline Beecham Pharmaceuticals.***7241 Rispensepine**

96449-05-7

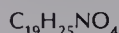


(±)-6,11-Dihydro-11-(1-methylnipecotoyl)-5H-pyrido[2,3-b][1,5]benzodiazepin-5-one.

Muscarinic M1/M3 receptor antagonist. Bronchodilator.

7242 Salmefamol

18910-65-1 242-662-5

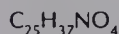


α-[(p-Methoxy-α-methylphenylethylamino)methyl]-4-hydroxy-m-xylene-α,α'-diol.

AH-3923. beta Adrenergic agonist; bronchodilator.

7243 Salmeterol

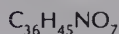
89365-50-4 8489



(±)-4-Hydroxy-α'-[[[6-(4-phenylbutoxy)hexyl]amino]-methyl]-m-xylene-α,α'-diol.

GR-33343X. Bronchodilator. Structural analog of albuterol. β₂-Adrenergic agonist. Ephedrine derivative. mp = 75.5-76.5°. *Glaxo Labs.***7244 Salmeterol Xinafoate**

49749-08-3 8489



(±)-4-Hydroxy-α'-[[[6-(4-phenylbutoxy)hexyl]amino]-methyl]-m-xylene-α,α'-diol 1-hydroxy-2-napthoate (salt).

GR-3343G; Atrial; Salmeterol; Serevent. Bronchodilator. Ephedrine derivative. mp = 137-138°; soluble in MeOH; slightly soluble in EtOH, CHCl₃, iPrOH; sparingly soluble in H₂O. *Glaxo Labs.***7245 Saredutant**

142001-63-6



N-[(S)-β-[2-(4-acetamido-4-phenylpiperidino)ethyl]-3,4-dichlorophenethyl]-N-methylbenzamide.

SR-48968. A potent and specific nonpeptide tachykinin NK2 receptor antagonist. Reduces histamine-induced airway hyperresponsiveness. Bronchodilator.

7246 Soterenol

13642-52-9 8877

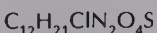


2'-Hydroxy-5'-[1-hydroxy-2-(isopropylamino)ethyl]-methanesulfonamide.

MJ-1992. Bronchodilator. β-Adrenergic agonist. Ephedrine derivative.

7247 Soterenol Hydrochloride

14816-67-2 8877 238-889-4

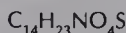


2'-Hydroxy-5'-[1-hydroxy-2-(isopropylamino)ethyl]-methanesulfonamide monohydrochloride.

Bronchodilator. β-Adrenergic agonist. Ephedrine

derivative. mp = 195.5-196.5° (dec); LD₅₀ (mus iv) = 41 mg/kg, (mus ip) = 315 mg/kg, (mus orl) = 660 mg/kg.**7248 Sulfonterol**

42461-79-0



α-[(tert-Butylamino)methyl]-4-hydroxy-3-[(methylsulfonyl)methyl]benzyl alcohol.

Bronchodilator. *SmithKline Beecham Pharmaceuticals.***7249 Sulfonterol Hydrochloride**

42461-78-9



α-[(tert-Butylamino)methyl]-4-hydroxy-3-[(methylsulfonyl)methyl]benzyl alcohol hydrochloride.

SKF-53705-A. Bronchodilator. *SmithKline Beecham Pharmaceuticals.***7250 Suloxifen**

25827-12-7

N-[2-(Diethylamino)ethyl]-s,s-diphenylsulfoximine. Bronchodilator. *Goedecke; Parke-Davis.***7251 Suloxifen Oxalate**

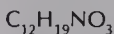
25827-13-8



N-[2-(Diethylamino)ethyl]-s,s-diphenylsulfoximine oxalate (1:1).

Go-1733; W-6439A. Bronchodilator. *Goedecke; Parke-Davis.***7252 Terbutaline**

23031-25-6 9302 245-385-8



5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-1,3-benzenediol.

Bronchodilator; tocolytic. β-Adrenergic agonist. Ephedrine derivative. mp = 119-120°. *Deutsche Hydrierwerke.***7253 Terbutaline Sulfate**

23031-32-5 9302 245-386-3



5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-1,3-benzenediol sulfate (2:1) (salt).

KWD-2019; Brethaire; Brethine; Bricanyl; Butaliret; Monovent; Terbasmin; Terbul. Bronchodilator; tocolytic. β-Adrenergic agonist. Ephedrine derivative. mp = 246-248°; λ_m = 276 nm (A_{1cm}^{1%} 67.6 in 0.1 N HCl); pK_{a1} = 8.8, pK_{a2} = 10.1, pK_{a3} = 11.2; soluble in H₂O (>2 g/100 ml), 0.1N HCl (>2 g/100 ml), 0.1N NaOH (>2 g/100 ml), EtOH (0.012 g/100 ml), 10% EtOH (>2 g/100 ml), MeOH (0.027 g/100 ml). *Ciba-Geigy Corp.; Deutsche Hydrierwerke; Marion Merrell Dow Inc.***7254 Theobromine**

83-67-0 9418 201-494-2



3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione.

3,7-dimethylxanthine. Diuretic; bronchodilator; cardiotonic. Principle alkaloid of the cacao bean. Also found in coca nuts and tea. Xanthine derivative. mp = 357°; sublimes at 290-295°; very slightly soluble in H₂O, EtOH; soluble in fixed alkali hydroxides, concentrated acids; moderately soluble in ammonia; almost insoluble

in many common organic solvents.

7255 Theobromine Calcium Salicylate

8065-51-8

9418

3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione calcium salt mixture (1:1) with calcium salicylate. Theocalcin; Calcium Diuretin. Diuretic; bronchodilator; cardiotonic. Xanthine derivative. Slightly soluble in H₂O.

7256 Theobromine Sodium Acetate

8002-88-8

9418

3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione sodium salt mixture with sodium acetate (1:1), containing 1 H₂O. Thesodate. Diuretic; bronchodilator; cardiotonic. Xanthine derivative. Soluble in H₂O.

7257 Theobromine Sodium Salicylate

8048-31-5

9418

3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione sodium salt mixture with sodium salicylate (1:1), containing 1 H₂O. Diuretin. Diuretic; bronchodilator; cardiotonic. Xanthine derivative. Soluble in H₂O; sparingly soluble in cold EtOH; pH 10.

7258 1-Theobromineacetic Acid

5614-56-2

9419

227-034-0

C₉H₁₀N₄O₄

2,3,6,7-Tetrahydro-3,7-dimethyl-2,6-dioxo-1H-purine-1-acetic acid.

Bronchodilator. Xanthine derivative. mp = 260°.

7259 1-Theobromineacetic Acid Sodium Salt

32245-40-2

9419

C₉H₉N₄NaO₄

2,3,6,7-Tetrahydro-3,7-dimethyl-2,6-dioxo-1H-purine-1-acetic acid sodium (salt).

sodium theobromine acetate; Técarine. Bronchodilator. Xanthine derivative. Soluble in H₂O.

7260 Theophylline

58-55-9

9421

200-385-7

C₇H₈N₄O₂

3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione.

1,3-Dimethylxanthine; Accurbron; Aerobin; Aerolate; Afonilm; Armophylline; Austyn; Bilordyl; Brochoretard; Bronkodyl; Cétraphylline; Constant-T; Duraphyl; Duraphyllin; Diffumal; Elixophyllin; Etheophyl; Euphyllin; Euphyllong; LaBID; Lasma; Physpan; Pro-Vent; PulmiDur; Pulmo-Timelets; Respbid; Slo-Bid; Slo-Phyllin; Solosin; Somophyllin-CRT; Somophyllin-T; Sustaire; Talotren; Tesona; Theobid; Theo-24; Theobid Duracap; Theoclear; Theochron; Theo-Dur; Theograd; Theolair; Theon; Theophyl; Theoplus; Theo-Sav; Theostat; Theov; Unifyl; Uniphyll; Uniphyllin; Xanthium; component of: Bronkotabs, Dicurin Procaine, Mudrane GG Elixer, Primatene Tablets, Quibron, Quibron Plus, Quibron-T/SR, Slo-Phyllin GG, Tedral, Theolair Plus, Theo-Organidin. Bronchodilator. Xanthine derivative with diuretic, cardiac stimulant and smooth muscle relaxant activities; isomeric with theobromine; small amounts found in tea. 3M Pharmaceuticals; Boehringer Ingelheim Ltd.; Bristol Labs.; Ciba-Geigy Corp.; Eli Lilly & Co.; Fisons Corp.; Forest Pharmaceuticals Inc.; Glaxo Wellcome, UK; Key Pharmaceuticals; Stuart; Purdue Pharma L.P.; Norwich Eaton; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Savage Labs.; Schering AG; Searle, G.D., & Co.; Sterling

Winthrop, Inc.; Wallace Labs.; Whitehall Labs.

7261 Theophylline Ethanolamine

573-41-1

9421

209-355-8

C₉H₁₅N₅O₃

3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with 2-aminoethanol (1:1).

theophylline 2-aminoethanol; theophylline olamine; Monotheamin. Bronchodilator. Xanthine derivative.

Soluble in H₂O.

7262 Theophylline Isopropanolamine

5600-19-1

9421

227-017-8

C₁₀H₁₇N₅O₃

3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with 1-amino-2-propanol (1:1).

Oxyphyllin. Bronchodilator. Xanthine derivative. Soluble in H₂O; pH (aqueous solution) = 9.20.

7263 Theophylline Lysine Salt

9421

3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with lysine (1:1) (salt).

Paidomal. Bronchodilator. Xanthine derivative.

7264 Theophylline Monohydrate

5967-84-0

9421

C₇H₁₀N₄O₃

3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione monohydrate.

Bronchodilator. Pharmaceutic necessity for Aminophylline Injection. Xanthine derivative. mp = 270-274°; pKa = 8.77; λ_m = 274 nm (in 0.1N NaOH); somewhat soluble in H₂O (8.3 g/100 ml), EtOH (1.25 g/100 ml), CHCl₃ (0.91 g/100 ml); soluble in hot H₂O, alkali hydroxides, ammonia, dilute HCl, dilute HNO₃; sparingly soluble in Et₂O.

7265 Theophylline Sodium Acetate

8002-89-9

9421

3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione

compound with sodium acetate (1:1), containing 1 H₂O. Theocin. Bronchodilator. Xanthine derivative.

7266 Theophylline Sodium Glycinate

8000-10-0

9421

3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with glycine (1:1).

sodium theophyllin-7-ylglycinate; Biophylline; Englate; Glytheonate; Panophylline. Bronchodilator. Xanthine derivative. d₂₀ = 1.05; soluble in H₂O (18 g/100 ml); pH (saturated solution) = 8.7-9.1.

7267 Tibenelast Sodium

105102-18-9

C₁₃H₁₃NaO₄S

Sodium 5,6-diethoxybenzo[b]thiophene-2-carboxylate. LY-186655. Bronchodilator. Eli Lilly & Co.

7268 Tiotropium Bromide

139404-48-1

9598

C₁₉H₂₂BrNO₄S₂

(1α,2β,4β,5α,7β)-7-[(Hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-3-oxa-9-azoniatricol[3.3.1.0^{2,4}]nonane

bromide.

di-2-thienylglycolate; Ba-679 Br; Ba-679. Bronchodilator. Muscarinic receptor antagonist. Quaternary ammonium compound. mp = 218-220°. *Boehringer Ingelheim Ltd.*

7269 Tiotropium Bromide

139404-48-1 9598

$C_{19}H_{22}BrNO_4S_2$

(1 α ,2 β ,4 β ,5 α ,7 β)-7-[(Hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-3-oxa-9-azoniatricyclo[3.3.1.0^{2,4}]nonane bromide.

Ba-679-BR; Spiriva. A muscarinic antagonist used for treatment of obstructive airways disease. Bronchodilator; anticholinergic. mp = 218-220°.

7270 Tretiquinol

30418-38-3 9719

$C_{19}H_{23}NO_5$

1,2,3,4-Tetrahydro-1-(3,4,5-trimethoxybenzy)-6,7-isoquinolinediol.

trimethoquinol. Bronchodilator.

7271 Tretiquinol

30418-38-3 9719

$C_{19}H_{23}NO_5$

($\pm$)-1,2,3,4-Tetrahydro-1-(3,4,5-trimethoxybenzyl)-6,7-isoquinolinediol.

trimethoquinol; trimetoquinol; AQ-110 [as l-form hydrochloride]; Inolin [as l-form hydrochloride]; Vems [as l-form hydrochloride]. A catecholamine. A highly potent beta 2-adrenoceptor and site-selective thromboxane A2/prostaglandin H2 receptor ligand. l-Form hydrochloride acts as a bronchodilator. Dec 224.5-226°.

7272 L-Tretiquinol Hydrochloride

18559-63-2 9719

$C_{19}H_{24}ClNO_5$

L-1,2,3,4-Tetrahydro-1-(3,4,5-trimethoxybenzy)-6,7-isoquinolinediol monohydrochloride.

AQ-110; Inolin; Vems. Bronchodilator. Soluble in H₂O, EtOH; [dl-form]: dec 224.5-226°.

7273 Tulobuterol

41570-61-0 9942

$C_{12}H_{18}ClNO$

2-Chloro- α -[[(1,1-dimethylethyl)amino]methyl]-benzenemethanol.

Bronchodilator. β -Adrenergic receptor agonist, related structurally to terbutaline, an ephedrine derivative. mp = 89-91°; LD₅₀ (mmus orl) = 305 mg/kg, (mrat orl) = 850 mg/kg, (mrbt orl) = 563 mg/kg, (mmus sc) = 170 mg/kg, (mrat sc) = 417 mg/kg, (mrbt sc) = 164 mg/kg.

7274 Tulobuterol

41570-61-0

$C_{12}H_{18}ClNO$

α -[(tert-Butylamino)methyl]-o-chlorobenzyl alcohol.

HN-078; HOKU-81. Used in treatment of asthma. beta 2-Adrenergic agonist; Bronchodilator.

7275 Tulobuterol Hydrochloride

56776-01-3 9942

$C_{12}H_{19}Cl_2NO$

2-Chloro- α -[[(1,1-dimethylethyl)amino]methyl]-benzenemethanol hydrochloride.

Atenos; Berachin; Brelomax; Bremax; Hokunalin;

Respacal. Bronchodilator. β -Adrenergic receptor agonist. Ephedrine derivative.

7276 Verofylline

66172-75-6

$C_{12}H_{18}N_4O_2$

($\pm$)-1,8-Dimethyl-3-(2-methylbutyl)xanthine.

CK-0383. Bronchodilator; antiasthmatic. *Berlex Labs., Inc.*

7277 Xanoxate Sodium

41147-04-0

$C_{17}H_{13}NaO_5$

Sodium 7-isopropoxy-9-oxoxanthene-2-carboxylate.

RS-6818. Bronchodilator. *Syntex Labs. Inc.*

7278 Xanoxic Acid

33459-27-7

$C_{17}H_{14}O_5$

7-Isopropoxy-9-oxoxanthene-2-carboxylic acid.

Bronchodilator. *Syntex Labs. Inc.*

7279 Zardaverine

101975-10-4

$C_{12}H_{10}F_2N_2O_3$

6-[4-(Difluoromethoxy-3-methoxyphenyl)-3(2H)-pyridazinone.

Dual phosphodiesterase 3/4 inhibitor. Inhibits the proliferation of human peripheral blood mononuclear cells. Bronchodilator; antiasthmatic.

7280 Zindotrine

56383-05-2

$C_{11}H_{15}N_5$

8-Methyl-6-piperidino-s-triazolo[4,3-b]pyridazine.

MDL-257. Bronchodilator. *Marion Merrell Dow Inc.*

7281 Zinterol

37000-20-7

$C_{19}H_{26}N_2O_4S$

5'-[2-[(α , α -Dimethylphenethyl)amino]-1-hydroxyethyl]-2'-hydroxymethanesulfonanilide.

Bronchodilator. *Bristol Myers Squibb Pharmaceuticals Ltd.*

7282 Zinterol Hydrochloride

38241-28-0

$C_{19}H_{27}ClN_2O_4S$

5'-[2-[(α , α -Dimethylphenethyl)amino]-1-hydroxyethyl]-2'-hydroxymethanesulfonanilide hydrochloride.

MJ-9184-1. Bronchodilator. *Bristol Myers Squibb Pharmaceuticals Ltd.*

Calcium Channel Blockers

7283 Amlodipine

88150-42-9

516

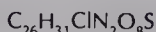
$C_{20}H_{25}ClN_2O_5$

3-Ethyl-5-methyl ($\pm$)-2-[(2-aminoethoxy)methyl]-4-(o-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate.

Antianginal agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. *Pfizer Inc.; Ciba-Geigy Corp.*

7284 Amlodipine Besylate

111470-99-6 516



3-Ethyl-5-methyl (±)-2-[(2-aminoethoxy)methyl]-4-(o-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate monobenzenesulfonate. Norvasc; UK-48,340-26; Antacal; Istin; Monopina; component of: Lotrel. Antianginal agent. Has anti-hypertensive properties. mp = 178-179°. *Pfizer Inc.; Ciba-Geigy Corp.*

7285 Amlodipine Maleate

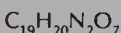
88150-47-4 516



3-Ethyl-5-methyl (±)-2-[(2-aminoethoxy)methyl]-4-(o-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate maleate. UK-48340-11. Antianginal agent. Has anti-hypertensive properties. *Pfizer Inc.*

7286 Aranidipine

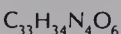
86780-90-7 806



(±)-Acetyl methyl 1,4-dihydro-2,6-dimethyl-4-(o-nitrophenyl)-3,5-pyridinedicarboxylate. MPC-1304. Antihypertensive agent. *Maruko Seiyaku.*

7287 Azelnidipine

123524-52-7

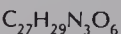


3-[1-(Diphenylmethyl)-3-azetidiny] 5-isopropyl (±)-2-amino-1,4-dihydro-6-methyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Calcium channel blocker. Antihypertensive.

7288 Barnidipine

104713-75-9 1031



(+)-(3'S,4S)-1-Benzyl-3-pyrrolidinyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Mepirodipine. Antianginal agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. mp = 137-139°; $[\alpha]_D^{20}$ = 64.8 (c = 1 MeOH). *Yamanouchi U.S.A. Inc.*

7289 Barnidipine Hydrochloride

1031

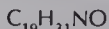


(+)-(3'S,4S)-1-Benzyl-3-pyrrolidinyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate hydrochloride.

YM-09730-5; Hypoca. Antianginal agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. mp = 226-228°; $[\alpha]_D^{20}$ = 116.4° (c = 1 MeOH); insoluble in H₂O; LD₅₀ (mrat orl) = 105 mg/kg, (frat orl) = 113 mg/kg. *Yamanouchi U.S.A. Inc.*

7290 Bencyclane

2179-37-5 1060 218-547-0



3-[(1-Benzylcycloheptyl)oxy]-N,N-dimethylpropylamine. bencyclan. Vasodilator (peripheral, cerebral). bp₃ = 146-156°.

7291 Bencyclane Fumarate

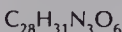
14286-84-1 1060 238-204-9



3-[(1-Benzylcycloheptyl)oxy]-N,N-dimethylpropylamine fumarate. EGYT-201; Angiociclan; Dantrium; Dilangio; Fludilat; Fluxema; Halidor; Vasorelax. Vasodilator (peripheral, cerebral). mp = 131-133°; soluble in H₂O (1 g/100 ml at 25°); readily soluble in EtOH; slightly soluble in Me₂CO; λ_m (pH 3.4-6.6) = 207 nm; LD₅₀ (mus orl) = 445.6 mg/kg, (mus iv) = 49.9 mg/kg, (mus ip) = 132 mg/kg, (mus sc) = 203 mg/kg.

7292 Benidipine

105979-17-7 1071



(±)-(R*)-3-[(R*)-1-Benzyl-3-piperidyl] methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Antihypertensive. *Kyowa Hakko Kogyo Co., Ltd.*

7293 Benidipine Hydrochloride

91599-74-5 1071

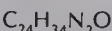


(±)-(R*)-3-[(R*)-1-Benzyl-3-piperidyl] methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate hydrochloride(α form).

KW-3049; Coniel. Antihypertensive. mp = 199.4-200.4°; λ_m = 238, 359 nm (ε = 28000, 6680 EtOH); soluble in H₂O (0.19 g/100 ml); MeOH (6.9 g/100 ml), EtOH (2.2 g/100 g); CHCl₃ (0.16 g/100 g), Me₂CO (0.13 g/100 g), EtOAc (0.0056 g/100 g); C₇H₈ (0.0019 g/100 g), C₇H₁₄ (0.00009 g/100 g); LD₅₀ (mus orl) = 218 mg/kg. *Kyowa Hakko Kogyo Co., Ltd.*

7294 Bepridil

64706-54-3 1188



1-[2-(N-Benzylanilino)-1-(isobutoxymethyl)ethyl]-pyrrolidine.

Antianginal agent. Calcium channel blocker with antianginal and antiarrhythmic properties. bp_{0.1} = 184°, bp_{0.5} = 192°. *Wallace Labs.; McNeil Pharmaceutical.*

7295 Bepridil Hydrochloride

74764-40-2 1188

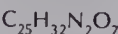


1-[2-(N-Benzylanilino)-1-(isobutoxymethyl)ethyl]-pyrrolidine monohydrochloride monohydrate.

Bepadin; Bepridil; Angopril; Corduim; Vascor; CERM 1978. Antianginal agent. Calcium channel blocker with antianginal and antiarrhythmic properties. mp = 91 ± 2°; LD₅₀ (mus orl) = 1955 mg/kg, (mus iv) = 23.5 mg/kg. *Wallace Labs.; McNeil Pharmaceutical; C.M. Industries.*

7296 Bometolol

65008-93-7

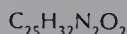


(±)-8-(Acetonyloxy)-5-[3-[(3,4-dimethoxyphenethyl)-amino]-2-hydroxypropoxy]-3,4-dihydrocarbostyryl.

A calcium channel blocker with anti-arrhythmic properties.

7297 Brinazarone

89622-90-2

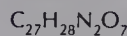
p-[3-(tert-Butylamino)propoxy]phenyl
2-isopropyl-3-indoliziny ketone.

A calcium channel blocker and potential anti-arrhythmic agent.

7298 Cilnidipine

102106-21-8

2334

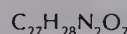


(E)-Cinnamyl 2-methoxythyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Antihypertensive. *Fujirebio*.**7299 (±)-Cilnidipine**

132203-70-4

2334



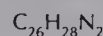
(±)-(E)-Cinnamyl 2-methoxythyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

(±)-FRC-8653. Antihypertensive. mp = 115.5-116.6°; LD₅₀ (mmus orl) > 5000 mg/kg, (mmus sc) > 5000 mg/kg, (mmus ip) = 1845 mg/kg, (fmus orl) > 5000 mg/kg, (fmus sc) > 5000 mg/kg, (fmus ip) = 2353 mg/kg, (mrat orl) > 5000 mg/kg, (mrat sc) > 5000 mg/kg, (mrat ip) = 441 mg/kg, (frat orl) = 4412 mg/kg, (frat sc) > 5000 mg/kg, (frat ip) = 426 mg/kg. *Fujirebio*.**7300 Cinnarizine**

298-57-7

2365

206-064-8

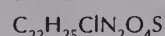


1-Cinnamyl-4-(diphenylmethyl)piperazine.

Aplactan; Aplexal; Apotomin; Artate; Carecin; Cerebolan; Cerepar; Cinaperazine; Cinazyn; Cinnacet; Cinnageron; Corathiem; Denapol; Dimitron; Eglen; Folcodal; Giganten; Glanil; Hilactan; Ixertol; Katoseran; Labyrin; Midronal; Olamin; Processine; Sedatromin; Sepan; Siptazin; Spaderizine; Stugeron; Stutgeron; Stutgin; R-516; R-1575; 516-MD; Toliman. Antihistaminic. Also behaves as a peripheral vasodilator. [hydrochloride]: mp = 192° (dec); soluble in H₂O (2.0 g/100 ml). *Janssen Pharmaceutical, Belgium*.**7301 Clentiazem**

96125-53-0

2408

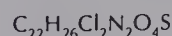


(±)-(2S,3S)-8-Chloro-5-[2-(dimethylamino)ethyl]-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester).

The 8-chloro derivative of diltiazem. A calcium channel blocker used for its antihypertensive properties. *Tanabe Seiyaku*.**7302 Clentiazem Maleate**

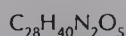
96128-92-6

2408

(±)-(2S,3S)-8-Chloro-5-[2-(dimethylamino)ethyl]-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) maleate (1:1). TA-3090; Logna. The 8-chloro derivative of diltiazem. A calcium channel blocker used for its antihypertensive properties. mp = 160.5-161.5°; [α]_D²⁰ = 76.5° (c = 1 MeOH). *Tanabe Seiyaku*.**7303 d-Gallopamil Hydrochloride**

38176-09-9

4369



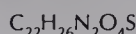
d-5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile hydrochloride.

Algoclor; Procorum. Antianginal agent. Calcium channel blocking agent, related to verapamil. mp = 160.5-161.5°; [α]_D²⁵ = 11.7° (c = 5.02 EtOH). *Knoll Pharmaceutical Co*.**7304 Diltiazem**

42399-41-7

3247

255-796-4



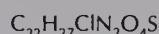
(±)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester).

Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. *Bristol Myers Squibb Pharmaceuticals Ltd.*; *Hoechst Marion Roussel Inc.*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *Lemmon Co.*; *Forest Pharmaceuticals Inc.***7305 Diltiazem Hydrochloride**

33286-22-5

3247

251-443-3



(±)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) monohydrochloride.

Cardizem; Dilacor XR; Tiazac; RG-83606. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. [d cis form]: mp = 207.5-212°; [α]_D²⁴ = 98.3 ± 1.4° (c = 1.002 MeOH); soluble in H₂O, MeOH, CHCl₃; moderately soluble in EtOH; insoluble in C₆H₆; LD₅₀ (mmus iv) = 61 mg/kg, (mmus sc) = 260 mg/kg, (mmus orl) = 740 mg/kg, (fmus iv) = 58 mg/kg, (fmus sc) = 280 mg/kg, (fmus orl) = 640 mg/kg, (mrat iv) = 38 mg/kg, (mrat sc) = 520 mg/kg, (mrat orl) = 560 mg/kg, (frat iv) = 39 mg/kg, (frat sc) = 550 mg/kg, (frat orl) = 610 mg/kg. *Bristol Myers Squibb Pharmaceuticals Ltd.*; *Hoechst Marion Roussel Inc.*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *Lemmon Co.*; *Forest Pharmaceuticals Inc.***7306 Diltiazem Malate**

144604-00-2

3247



(±)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) (S)-malate (1:1) monohydrochloride.

MK-793. Antianginal, antihypertensive and class IV antiarrhythmic. Calcium channel blocker with coronary vasodilating activity. Class IV antiarrhythmic. *Bristol Myers Squibb Pharmaceuticals Ltd.*; *Hoechst Marion Roussel Inc.*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *Lemmon Co.*; *Forest Pharmaceuticals Inc.***7307 Efonidipine**

111011-63-3

3566



2-(N-Benzylanilino)ethyl (±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-5-phosphononicotinate cyclic 2,2-dimethyltrimethylene ester.

Dihydropyridine calcium channel blocker. Used as an antihypertensive agent. mp = 169-170°, 155-156°. *Nissan*.

7308 Efonidipine Hydrochloride

111011-53-1 3566



2-(N-Benzylanilino)ethyl (±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-5-phosphononicotinate cyclic 2,2-dimethyltrimethylene ester hydrochloride.

Dihydropyridine calcium channel blocker. Used as an antihypertensive agent. Forms an ethanol solvate (NZ-105; Landel), mp = 151° (dec). LD₅₀ (mus orl) > 600 mg/kg; [(S) form]: mp = 190-192°; [α]_D²⁵ = 7.0° (c = 0.50 CHCl₃); [(R) form]: mp = 190-192°; [α]_D²⁵ = -7.0° (c = 0.5 CHCl₃). *Nissan*.**7309 Elgodipine**

119413-55-7 3587



2-[(p-Fluorobenzyl)methylamino]ethyl isopropyl (±)-1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridinedicarboxylate.

Antianginal agent. A dihydropyridine calcium channel blocker. *Inst. Invest. Desarr.; Quimicobiol*.**7310 Elgodipine Hydrochloride**

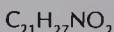
121489-04-1 3587



2-[(p-Fluorobenzyl)methylamino]ethyl isopropyl (±)-1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridinedicarboxylate hydrochloride.

IQB-875. Antianginal agent. A dihydropyridine calcium channel blocker. mp = 194-195°; LD₅₀ (mus ip) = 30-40 mg/kg. *Inst. Invest. Desarr.; Quimicobiol*.**7311 Etafenone**

90-54-0 3753 202-002-9



2'-[2-(Diethylamino)ethoxy]-3-phenylpropylphenone.

LG-11457. Vasodilator (coronary). bp₃₀ = 264-268°.**7312 Etafenone Hydrochloride**

3753



2'-[2-(Diethylamino)ethoxy]-3-phenylpropylphenone monohydrochloride.

heptaphenone; Asmedol; Baxacor; Corodilan; Dialicor; Pagano-Cor; Relicor. Vasodilator (coronary). mp = 129-130°; LD₅₀ (rat orl) = 716 mg/kg, (rat iv) = 20.8 mg/kg.**7313 Fantofarone**

114432-13-2 3975



1-[[p-[3-[(3,4-Dimethoxyphenethyl)methylamino]-propoxy]phenyl]sulfonyl]-2-isopropylindolizine.

SR-33557. A calcium channel blocker used as an antihypertensive agent. mp = 82-83°; d = 1.21 g/ml; soluble in H₂O (0.06 g/100 ml), organic solvents. *Sanofi, Inc.***7314 Felodipine**

86189-69-7 3991



Ethyl methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate.

Plendil; H 154/82; Agon; Feloday; Flodil; Hydac; Munobal; Prevex; Splendil. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker

marketed as the racemate. mp = 145°. *Astra USA, Inc.; Merck & Co., Inc.***7315 Felodipine (dl form)**

72509-76-3 3991



(±) Ethyl methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate.

Plendil; H 154/82; Agon; Feloday; Flodil; Hydac; Munobal; Prevex; Splendil. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker marketed as the racemate. mp = 145°. *Astra USA, Inc.; Merck & Co., Inc.***7316 Fendiline**

13042-18-7 4011 235-915-6



N-(3,3-Diphenylpropyl)-α-methylbenzylamine.

Vasodilator (coronary). Calcium blocking agent. bp₁ = 183-187°.**7317 Fendiline Hydrochloride**

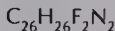
13636-18-5 4011



N-(3,3-Diphenylpropyl)-α-methylbenzylaminehydrochloride.

HK-137; Cordan; Fendilar; Sensit. Vasodilator (coronary). mp = 204-205°; slightly soluble in H₂O; soluble in MeOH, EtOH, CHCl₃; LD₅₀ (mus iv) = 14.5 mg/kg, (mus orl) = 950 mg/kg.**7318 Flunarizine**

52468-60-7 4179 257-937-5



(E)-1-[Bis-(p-fluorophenyl)methyl]-4-cinnamylpiperazine.

Vasodilator (peripheral, cerebral). Calcium channel blocker. Fluorinated derivative of cinnarizine.

7319 Flunarizine Hydrochloride

30484-77-6 4179 250-216-6



(E)-1-[Bis-(p-fluorophenyl)methyl]-4-cinnamylpiperazine dihydrochloride.

R-14950; Dinaplex; Flugeral; Flunagen; Flunaril; Fluxarten; Gradient; Issium; Mondus; Sibelium. Vasodilator (peripheral, cerebral). Calcium channel blocker. mp = 251.5°.

7320 Furnidipine

138661-03-7



(±)-Methyl tetrahydrofurfuryl-1,4-dihydro-2,6-dimethyl-4-(o-nitrophenyl)-3,5-pyridinedicarboxylate.

A calcium channel blocker. Antihypertensive.

7321 Gallopamil

16662-47-8 4369

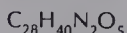


5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile.

methoxyverapamil; D-600. Antianginal agent. Calcium channel blocking agent; related to verapamil. Pale yellow viscous oil. *Knoll Pharmaceutical Co.*

7322 Gallopamil Hydrochloride

16662-46-7 4369 240-704-7

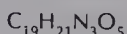


5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile hydrochloride.

Algoclor; Procorum. Antianginal agent. Calcium channel blocking agent, related to verapamil. mp = 145-148°. Knoll Pharmaceutical Co.

7323 Isradipine

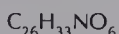
75695-93-1 5260



Isopropyl methyl (±)-4-(4-benzofurazanyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate.

DynaCirc; PN 200-110; Clivoten; Dynacrine; Esradin; Lomir; Prescal; Rebriden. Antihypertensive and antianginal. mp = 168-170°; [(S)-(+)-form (PN-205-033)]: mp = 142°; $[\alpha]_D^{20} = 6.7^\circ$ (c = 1.5 EtOH); [(R)-(-)-form (PN-205-034)]: mp = 140°; $[\alpha]_D^{20} = 6.7^\circ$ (c = 1.5 EtOH). Sandoz Pharmaceuticals Corp.**7324 Lacidipine**

103890-78-4 5344

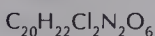


4-[o-[(E)-2-Carboxyvinyl]phenyl]-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid 4-tert-butyl diethyl ester.

GR-43659X; GX-1048; Caldine; Lacipil; Lacirex; Motens. Dihydropyridine calcium channel blocker used as an antihypertensive agent. mp = 174-175°. Glaxo Wellcome, UK.

7325 Lemildipine

125729-29-5



3-Isopropyl 5-methyl (±)-4-(2,3-dichlorophenyl)-1,4-dihydro-2-(hydroxymethyl)-6-methyl-3,5-pyridinedicarboxylate carbamate (ester).

Dihydropyridine calcium channel blocker.

7326 Lercanidipine

100427-26-7 5469



(±)-2-[(3,3-Diphenylpropyl)methylamino]-1,1-dimethylethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

masnidipine. Dihydropyridine calcium channel blocker used as an antihypertensive agent. Recordati Industria Chimica.

7327 Lercanidipine Hydrochloride

132866-11-6 5469



(±)-2-[(3,3-Diphenylpropyl)methylamino]-1,1-dimethylethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate hydrochloride.

Rec-15-2375; R-75. Dihydropyridine calcium channel blocker used as an antihypertensive agent. [hemihydrate]: mp = 119-123°; LD₅₀ (mus ip) = 83 mg/kg, (mus orl) = 657 mg/kg. Recordati Industria Chimica.**7328 Levemopamil**

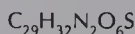
101238-51-1



(-)-S-2-Isopropyl-5-(methylphenylamino)-2-phenylvaleronitrile.

(S)-emopamil. A phenylalkylamine calcium channel blocker with antagonistic action on serotonin 5-HT₂ receptors.**7329 Levosemotiadil**

116476-16-5

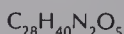


(-)-(S)-2-[5-Methoxy-2-[3-[methyl[2-[3,4(methylenedioxy)-phenoxy]ethyl]amino]propoxy]phenyl]-4-methyl-2H-1,4-benzothiazin-3(4H)-one.

SD-3212 [as fumarate]. A benzothiazine calcium channel antagonist.

7330 l-Gallopamil Hydrochloride

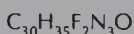
36222-39-6 4369



l-5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile hydrochloride.

Algoclor; Procorum. Antianginal agent. Calcium channel blocking agent, related to verapamil. mp = 160.5-161.5°; $[\alpha]_D^{25} = -11.7^\circ$ (c = 5.04 EtOH). Knoll Pharmaceutical Co.**7331 Lidoflazine**

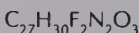
3416-26-0 5507 222-312-8



4-[4,4-bis(p-Fluorophenyl)butyl]-1-piperazineaceto-2',6'-xylidide.

Clinium; McN-JR-7094; R-7904; Angex; Klinium; Ordiflazine; Corflazine. Coronary vasodilator and antianginal agent. A proprietary preparation of lidoflazine; used for angina pectoris. mp = 159-161°; soluble in CHCl₃, less soluble in other organic solvents, insoluble in H₂O. Janssen Pharmaceutical, Belgium; McNeil Pharmaceutical.**7332 Lomerizine**

101477-55-8 5593



1-[Bis(4-Fluorophenyl)methyl]-4-[(2,3,4-trimethoxyphenyl)methyl]methyl]piperazine.

Antimigrane; vasodilator (cerebral). Diphenylpiperazine calcium channel blocker; selective cerebral vasodilator.

7333 Lomerizine Hydrochloride

101477-54-7 5593



1-[Bis(4-Fluorophenyl)methyl]-4-[(2,3,4-trimethoxyphenyl)methyl]methyl]piperazine dihydrochloride.

KB-2796. Antimigrane; vasodilator (cerebral). Calcium channel blocker. mp = 214-218° (dec), 204-207°; LD₅₀ (mus orl) = 300 mg/kg.**7334 Manidipine**

89226-50-6 5786

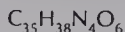


2-[4-(Diphenylmethyl)-1-piperazinyl]ethyl-methyl-(±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

franidipine. Dihydropyridine calcium channel blocker used as an antihypertensive agent. mp = 125-128°. Takeda.

7335 Manidipine

120092-68-4 5786



2-[4-(Diphenylmethyl)-1-piperazinyl]ethyl methyl (±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

franipidine; manidipine 6300. A phenylpyridine calcium channel blocker. Vasodilator; antihypertensive. mp = 125-128°.

7336 Manidipine Dihydrochloride

89226-75-5 5786



2-[4-(Diphenylmethyl)-1-piperazinyl]ethyl-methyl-(±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate hydrochloride.

CV-4093; Calslot. Dihydropyridine calcium channel blocker used as an antihypertensive agent. LD₅₀ (mmus sc) = 387 mg/kg, (mmus ip) = 62.2 mg/kg, (mmus orl) = 190 mg/kg, (fmus sc) = 340 mg/kg, (fmus ip) = 68.0 mg/kg, (fmus orl) = 171 mg/kg, (mrat sc) = 222 mg/kg, (mrat ip) = 66.5 mg/kg, (mrat orl) = 247 mg/kg, (frat sc) = 199 mg/kg, (frat ip) = 48.8 mg/kg, (frat orl) = 156 mg/kg; [α form]: mp = 157-163°; [β-form]: mp = 174-180°; [β-form monohydrate]: mp = 167-170°. *Takeda*.**7337 Manidipine Dihydrochloride**

89226-75-5 5786



2-[4-(Diphenylmethyl)-1-piperazinyl]ethyl methyl (±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate dihydrochloride.

CV-4093; Calslot. A phenylpyridine calcium channel blocker. Vasodilator; antihypertensive. mp [α form]: = 157-163°; mp [β form]: = 174-180°; mp [monohydrate]: = 167-170°; LD₅₀ = (mmus sc) = 387 mg/kg, (mmus ip) = 62.2 mg/kg, (mmus orl) = 190 mg/kg.**7338 Mesudipine**

62658-88-2



Diethyl 1',4'-dihydro-2',6'-dimethyl-2-(methylthio)[3,4'-bipyridine]-3',5'-dicarboxylate.

Calcium channel blocker.

7340 Nexopamil

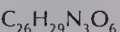
136033-49-3



(2S)-5-(Hexylmethylamino)-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile.

LU-49938. Serotonin 5-HT₂ receptor and calcium channel antagonist. A verapamil derivative.**7341 Nicardipine**

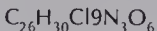
55985-32-5 6579 259-932-3



2-(Benzylmethylamino) ethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker. Has anti-hypertensive properties. *Yamanouchi U.S.A. Inc.*; *Syntex Labs. Inc.***7342 Nicardipine Hydrochloride**

54527-84-3 6579 259-198-4

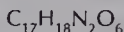


2-(Benzylmethylamino) ethyl methyl 1,4-dihydro-2,6-

dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate monohydrochloride.

Cardene; YC-93; RS-69216; RS-69216-XX-07-0; Barizin; Bionicard; Dacarel; Lecibral; Lescodil; Loxen; Nerdipina; Nicant; Nicardal; Nicarpin; Nicapress; Nicodel; Nimicor; Perdipina; Perdipine; Ranvil; Ridene; Rycarden; Rydene; Vasodin; Vasonase. Antianginal, antihypertensive agent. Dihydropyridine calcium channel blocker. Has antihypertensive properties. [α form]: mp = 179-181°; [β form]: mp = 168-170°; LD₅₀ (mrat orl) = 634 mg/kg, (mrat iv) = 18.1 mg/kg, (frat orl) = 557 mg/kg, (frat iv) = 25.0 mg/kg, (mmus orl) = 634 mg/kg, (mmus iv) = 20.7 mg/kg, (fmus orl) = 650 mg/kg, (fmus iv) = 19.9 mg/kg. *Yamanouchi U.S.A. Inc.*; *Syntex Labs. Inc.***7343 Nifedipine**

21829-25-4 6617 244-598-3



Dimethyl 1,4-dihydro-2,6-dimethyl-4-(o-nitrophenyl)-3,5-pyridinedicarboxylate.

Adalat; Adalat CC; Procardia; Procardia XL; Bay a 1040; Hexadilat; Introcar; Kordafen; Nifedidor; Nifedin; Nifelan; Nifelat; Nifensar XL; Orix; Oxcord; Pidilat; Procardia; Sepamit; Tibricol; Zenusin. Coronary vasodilator used as an antianginal agent. mp = 172-174°; λ_m = 340, 235 nm (ε 5010, 21590 MeOH), 338, 238 nm (ε 5740 20600 0.1N HCl), 340, 238 nm (5740, 20510 0.1N NaOH); soluble in Me₂CO (25.0 g/100 ml), CH₂Cl₂ (16 g/100ml), CHCl₃ (14 g/100 ml), EtOAc (5 g/100 ml), MeOH (2.6 g/100 ml), EtOH (1.7 g/100 ml); LD₅₀ (mus orl) = 494 mg/kg, (mus iv) = 4.2 mg/kg, (rat orl) = 1022 mg/kg, (rat iv) = 15.5 mg/kg. *Bayer AG*; *Pratt Pharmaceuticals*.**7344 Niludipine**

22609-73-0 245-120-6



Bis(2-propoxyethyl) 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-Pyridinedicarboxylate.

Bay a 7168. Voltage-sensitive calcium channel blocker with antianginal activity.

7345 Nilvadipine

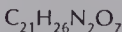
75530-68-6 6637



5-Isopropyl 2-methyl 2-cyano-1,4-dihydro-6-methyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

CL-287389; FK-235; SK&F-102362; Escor; Nivadil. Antianginal, antiarrhythmic agent. A β-adrenergic blocker. mp = 148-150°; [(+) form]: [α]_D²⁰ = 222.42° (c = 1 MeOH); [(-) form]: [α]_D²⁰ = -219.62° (c = 1 MeOH). *Fujisawa USA, Inc.*; *SmithKline Beecham Pharmaceuticals*.**7346 Nimodipine**

66085-59-4 6643 266-127-0

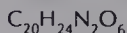


Isopropyl 2-methoxyethyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

BAY e 9736; Admon; Nimotop; Periplum. Vasodilator (cerebral). mp = 125°; [α]_D²⁰ ((-)-form) = -7.93° (c = 0.374 in dioxane); LD₅₀ (mus orl) = 3562, (rat orl) = 6599, (mus iv) = 33 mg/kg, (rat iv) = 16 mg/kg; [(+)-form]: [α]_D²⁰ = 9° (c = 0.439 in dioxane).

7347 Nisoldipine

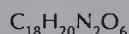
63675-72-9 6658 264-407-7



1,4-Dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylic acid methyl 2-methylpropyl ester. Bay k S552; Baymycard; Norvasc; Syscor; Zadipina; Nisocor; Sular. Antianginal, antihypertensive agent. Calcium channel blocker. Used as an antihypertensive and anti-anginal. mp = 151-152°. Bayer AG; Zeneca Pharmaceuticals.

7348 Nitrendipine

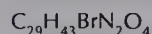
39S62-70-4 6669 254-513-1



(±)-Ethyl methyl-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate. Baypress; Bay e 5009; Bayotensin; Bylotensin; Deiten; Nidrel. Dihydropyridine calcium channel blocker used as an antihypertensive agent. mp = 158°; insoluble in H₂O; LD₅₀ (mus iv) = 39 mg/kg, (mus orl) = 2540 mg/kg, (rat iv) = 12.6 mg/kg, (rat orl) > 10000 mg/kg. Bayer AG.

7349 Otilonium Bromide

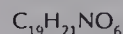
26095-59-0 247-457-4



Diethyl(2-hydroxyethyl)methylammonium bromide p-[o-(oxyloxy)benzamido]benzoate. SP-63; Spasmomen. A muscarinic and tachykinin NK2 receptor antagonist and calcium channel blocker. Used for the symptomatic treatment of irritable bowel syndrome. Anticholinergic; spasmolytic agent.

7350 Oxodipine

90729-41-2



Ethyl methyl 1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridinedicarboxylate. Calcium channel blocker.

7351 Palonidipine

96515-73-0



(±)-3-(Benzylmethylamino)-2,2-dimethylpropyl methyl 4-(2-fluoro-5-nitrophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate. TC-81 [as hydrochloride]. Calcium channel blocker.

7352 Perhexiline

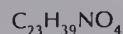
6621-47-2 7305 229-569-5



2-(2,2-Dicyclohexylethyl)piperidine. perhexilene. Vasodilator (coronary); diuretic. Calcium blocking agent.

7353 Perhexiline Maleate

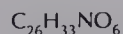
6724-53-4 7305 229-77S-5



2-(2,2-Dicyclohexylethyl)piperidine maleate (1:1). perhexilene maleate; Pexid. Vasodilator (coronary); diuretic. Calcium blocking agent. mp = 188.5-191°; LD₅₀ (rat orl) > 7000 mg/kg, (mus orl) = 4370 mg/kg.

7354 Piprofurol

40680-87-3 255-035-6



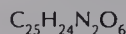
α-[2-(4-Hydroxyphenyl)ethyl]-4,7-dimethoxy-6-[2-(1-

piperidinyl)ethoxy]-5-benzofuranmethanol.

A benzofuran chalcon derivative. Calcium channel blocker.

7355 Pranidipine

99522-79-9



(E)-Cinnamyl methyl (±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate. OPC-13340. A dihydropyridine. Calcium channel blocker.

7356 Prenylamine

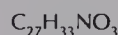
390-64-7 7919 206-869-4



N-(3,3-Diphenylpropyl)-α-methylphenethylamine. B-436; Elecor. Vasodilator (coronary). mp = 36.5-37.5°.

7357 Prenylamine Lactate

69-43-2 7919 200-705-5



N-(3,3-Diphenylpropyl)-α-methylphenethylamine lactate. Angormin; Bismetin; Carditin-Same; Coredamin; Corontin; Crepasin; Daxauten; Hostaginan; Incoran; Irrorin; Lactamin; Plactamin; Reocorin; Roinin; Seccidin; Sedolaton; Segontin; Synadrin. Vasodilator (coronary). mp = 140-142°; λ_m = 260 nm (E_{1cm}^{1%} 170 in CHCl₃); sparingly soluble in H₂O (0.5%); soluble in organic solvents.

7358 Riodipine

71653-63-9



Dimethyl 4-[o-(difluoromethoxy)phenyl]-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate. ryodipine. Derivative of phenylpyridine. Calcium channel blocker.

7359 Ronipamil

85247-77-4

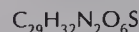


(±)-2-[3-(Methylphenethylamino)propyl]-2-phenyltetradecanenitrile.

A long acting phenylalkylamine derivative. Vasodilator (coronary); calcium antagonist.

7360 Semotiadil

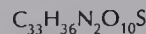
116476-13-2 8590



(R)-2-[2-[3-[[2-(1,3-Benzodioxol-5-yloxy)ethyl]methylamino]propoxy]-5-methoxyphenyl]-4-methyl-2H-1,4-benzothiazin-3(4H)-one. sesamodil; DS-4823. Antianginal, antiarrhythmic agent. A β-adrenergic blocker. Santen.

7361 Semotiadil Fumarate

116476-14-3 8590



(R)-2-[2-[3-[[2-(1,3-Benzodioxol-5-yloxy)ethyl]methylamino]propoxy]-5-methoxyphenyl]-4-methyl-2H-1,4-benzothiazin-3(4H)-one fumarate. SD-3211. Antianginal, antiarrhythmic agent. A β-adrenergic blocker. mp = 134-135°; [α]_D²⁵ = 195° (DMSO). Santen.

7362 Teludipine

108687-08-7



4-[o-[(E)-2-Carboxyvinyl]phenyl]-2-[(dimethylamino)methyl]-,1,4-dihydro-6-methyl-3,5-pyridinecarboxylic acid 4-tert-butyl diethyl ester. Calcium channel blocker. Antihypertensive. *Glaxo Wellcome Inc.*

7363 Teludipine Hydrochloride

108700-03-4



4-[o-[(E)-2-Carboxyvinyl]phenyl]-2-[(dimethylamino)methyl]-,1,4-dihydro-6-methyl-3,5-pyridinecarboxylic acid 4-tert-butyl diethyl ester monohydrochloride. GR-53992B(GX-1296b). Calcium channel blocker. Antihypertensive. *Glaxo Wellcome Inc.*

7364 Terodiline

15793-40-5

9311



N-tert-Butyl-1-methyl-3,3-diphenylpropylamine.

Coronary vasodilator used as an antianginal agent. $bp_1 = 130-132^\circ$. *Marion Merrell Dow Inc.*

7365 Terodiline Hydrochloride

7082-21-5

9311

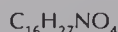


N-tert-Butyl-1-methyl-3,3-diphenylpropylamine hydrochloride.

Bicor; Mictrol; Micturin; Micturol. Coronary vasodilator used as an antianginal agent. $mp = 178-180^\circ$; soluble in EtOH, slightly soluble in Et₂O. *Marion Merrell Dow Inc.*

7366 Valperinol

64860-67-9



(2R*,4R*,4aS*,5R*,7S*,7aR*,8R*)-Hexahydro-4-methoxy-8-methyl-7a(piperidinomethyl)-2,5-methanocyclopentam-dioxin-7-ol.

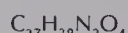
Calcium antagonist.

7367 Verapamil

52-53-9

10083

200-145-1



5-[(3,4-Dimethoxyphenethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-isopropylvaleronitrile.

D-365; CP-16533-1; iproveratril. Antianginal and Class IV antiarrhythmic agent. Coronary vasodilator with calcium channel blocking activity. $bp_{0.001} = 243-246^\circ$; insoluble in H₂O; slightly soluble in C₆H₆, C₆H₁₆, Et₂O; soluble in EtOH, MeOH, Me₂CO, EtOAc, CHCl₃. *Bristol-Myers Squibb Co.*

7368 Verapamil Hydrochloride

152-11-4

10083

205-800-5



5-[(3,4-Dimethoxyphenethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-isopropylvaleronitrile hydrochloride. Calan; isoptin; Verelan. Antianginal and Class IV antiarrhythmic agent. Coronary vasodilator with calcium channel blocking activity. $mp = 138.5-140.5^\circ$; soluble in H₂O (7 g/100 g, 83 mg/ml), EtOH (26 mg/ml), propylene glycol (93 mg/ml), MeOH (> 100 mg/ml), iPrOH (4.6

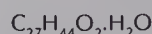
mg/ml), EtOAc (1.0 mg/ml), DMF (> 100 mg/ml), CH₂Cl₂ (> 100 mg/ml), C₆H₁₄ (0.001 mg/ml); LD₅₀ (rat iv) = 16 mg/kg, (mus iv) = 8 mg/kg. *Searle, G.D., & Co.; Knoll Pharmaceutical Co.; Parke-Davis; Lederle Labs.*

Calcium Regulators

7369 Calcifediol

19356-17-3

1677



9,10-Secocholesta-5,7,10(19)-triene-3,25-diol monohydrate.

Calderol; U-32070E; 25-hydroxy Vitamin D₃; 25-HCC; Dedrogyl; Didrogyl; Hidroferol. the principle circulating form of Vitamin D₃. Calcium regulator. λ_m 265 nm (ϵ 18000 EtOH). *Organon Inc.*

7370 Calcitonin

21215-62-3

1680



H-Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-LysLeu-Gln-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH₂ (1→7 cyclic disulfide).

Calcimar; Cibacalcin; Thyrocalcitonin; TCA; TCT. A polypeptide hormone, secreted in the thyroid gland, that lowers the calcium concentration in the plasma of mammals. Calcium regulator. *Astra Chemicals Ltd.; Ciba-Geigy Corp.*

7371 Calcitonin, Human Synthetic

21215-62-3

1680



H-Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-LysLeu-Gln-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH₂ (1→7 cyclic disulfide).

A polypeptide hormone that lowers the calcium concentration in the plasma of mammals. Calcium regulator. *Astra Chemicals Ltd.; Ciba-Geigy Corp.*

7372 Calcitonin, Porcine

12321-44-7

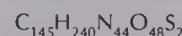
1680

A polypeptide hormone that lowers the calcium concentration in the plasma of mammals. Calcium regulator. *Astra Chemicals Ltd.; Ciba-Geigy Corp.*

7373 Calcitonin, Salmon Synthetic

47931-85-1

1680



H-Cys-Gly-Asn-Leu-Ser-Thr-Cys-Met-Leu-Gly-Thr-Tyr-Thr-Gln-Asp-Phe-Asn-Lys-Phe-His-Thr-Phe-Pro-Gln-Thr-Ala-Ile-Gly-Val-Gly-Ala-Pro-NH₂ (1→7) cyclic disulfide.

Salcatonin; Calciben; Calcimar; Calsyn; Calsynar; Catonin; Karil; Miacalcic; Miacalcin; Miadenil; Osteocalcin; Prontocalcin; Rulicalcin; Salmotonin; Stalcin; Tonocalcin. A polypeptide hormone that lowers the calcium concentration in the plasma of mammals. Calcium regulator. *Astra Chemicals Ltd.; Ciba-Geigy Corp.*

7374 Calcitriol

32222-06-3

1681



(5Z,7E)-9,10-Secocholesta-5,7,10(19)-triene-1 α ,3 β ,25-triol.

Calcijex; Rocaltrol; Toptriol; Ro-21-5535. Calcium regulator and vitamin (antirachitic). mp = 111-115°; λ_m = 264 nm (ϵ 19000 EtOH); $[\alpha]_D^{25}$ = 48° (MeOH); slightly soluble in MeOH, EtOH, EtOAc, THF. *Abbott Labs.; Hoffmann-LaRoche Inc.*

7375 Clodronic Acid

10596-23-3 2432 234-212-1

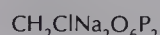


(Dichloromethylene)diphosphonic acid.

Cl₂MDP; DMDP. Calcium regulator. mp = 249-251°. *Procter & Gamble Pharmaceuticals, Inc.*

7376 Clodronic Acid Disodium Salt

22560-50-5 2432 245-078-9



Sodium (dichloromethylene)diphosphonate.

DCIMDP; Bonefos; Clasteon; Difoafonal; Loron; Mebonat; Ossiten; Ostac. Calcium regulator. *Procter & Gamble Pharmaceuticals, Inc.*

7377 Dihydratachysterol

67-96-9 3223



9,10-Secoergosta-5,7,22-trien-3 β -ol.

Hytakerol; AT-10; Antitanil; Calcamine; Dygratyl; Dihydral; Parterol; Tachyrol. Calcium regulator. mp = 125-127°; $[\alpha]_D^{22}$ = 07.5° (CHCl₃); λ_m = 242, 251, 261 nm ($\epsilon_{1\text{ cm}}$ 870, 1010, 650); insoluble in H₂O, readily soluble in organic solvents. *Sterling Winthrop, Inc.*

7378 Elcatonin

60731-46-6 3578



1-Butyric acid-7-[L-2-aminobutyric acid]-26-L-aspartic acid-27-L-valine-29-L-alaninecalcitonin (salmon). carbocalcitonin; HC-58; Calcinil; Carbicalcin; Elcitonin; Turbocalcin. Calcium regulator; used in treatment of Paget's disease. *Toyo Iozo.*

7379 Etidronic Acid

2809-21-4 3908 220-552-8

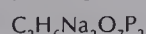


(1-Hydroxyethylidene)diphosphonic acid.

EHDP. Calcium regulator. Very soluble in H₂O, insoluble in AcOH. *Procter & Gamble Pharmaceuticals, Inc.*

7380 Etidronic Acid Disodium Salt

7414-83-7 3908 231-025-7

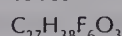


Disodium dihydrogen (1-hydroxyethylidene)diphosphonate.

Didronel; Calcimux; Diphos; Etidron. Calcium regulator. Bone resorption inhibitor. Soluble in H₂O. *Procter & Gamble Pharmaceuticals, Inc.*

7381 Falecalcitriol

83805-11-2



(+)-(5Z,7E)-26,26,26,27,27,27-Hexafluoro-9,10-secocholesta-5,7,10(19)-triene-1 α ,3 β ,25-triol.

Flocalcitrol. Calcium regulator.

7382 Gallium Nitrate

13494-90-1

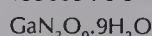


Nitric acid gallium salt, anhydrous.

Calcium regulator. Bone resorption inhibitor.

7383 Gallium Nitrate Nonahydrate

135886-70-3



Nitric acid gallium salt nonahydrate.

NSC-15200. Calcium regulator. Bone resorption inhibitor.

7384 Ipriflavone

35212-22-7 5090

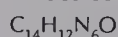


7-Isopropoxyflavone.

FL-113; TC-80; Iprosten; Osten; Osteofix; Yambolap. Calcium regulator. Bone resorption inhibitor. mp = 115-117°. *Chinoïn.*

7385 Levosimendan

141505-33-1



Mesoxalonitrile (-)-[p[(R)-1,4,5,6-tetrahydro-4-methyl-6-oxo-3-pyridazinyl]phenyl]hydrazone.

OR-1259. Calcium sensitizer. Positive inotropic agent.

7386 Oxidronic Acid

15468-10-7 7074

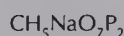


(Hydroxymethylene)diphosphonic acid.

HMDP. Calcium regulator. The ^{99m}Tc complex is used as a diagnostic aid. *Procter & Gamble Pharmaceuticals, Inc.*

7387 Oxidronic Acid Sodium Salt

14255-61-9 7074



(Hydroxymethylene)diphosphonic acid sodium salt.

Calcium regulator. The ^{99m}Tc complex is used as a diagnostic aid. mp = 297-300°. *Procter & Gamble Pharmaceuticals, Inc.*

7388 Parathyroid Hormone

9002-64-6 7168

Paroidin; Parathormone; PTH. Blood calcium regulator. *Parke-Davis.*

7389 Piridronic Acid

75755-07-6



[2-(2-Pyridinyl)ethylidene]bisphosphonic acid.

Calcium regulator.

7390 Piridronic Acid Sodium Salt

100188-33-8



[2-(2-Pyridinyl)ethylidene]bisphosphonic acid monosodium salt.

NE-97221. Calcium regulator.

7391 Potassium Diphosphate Dibasic

7758-11-4 7828



Dipotassium hydrogen phosphate.

Isolyte; dikalium phosphate; DKP. Cathartic and calcium regulator. soluble in H₂O (150 g/100 ml at 25°). *Kendall*

McGaw Inc.

7392 Risedronic Acid

105462-24-6 8396



[1-Hydroxy-2-(3-pyridyl)ethylidene]diphosphonic acid.

Calcium regulator, used as a bone resorption inhibitor.

Procter & Gamble Pharmaceuticals, Inc.; Merck & Co., Inc.

7393 Risedronic Acid Monosodium Salt

115436-72-1 8396

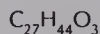


Sodium trihydrogen [1-hydroxy-2-(3-pyridyl)ethylidene]-diphosphonate.

risedronate sodium; NE-58095. Calcium regulator, used as a bone resorption inhibitor. Procter & Gamble Pharmaceuticals, Inc.; Merck & Co., Inc.

7394 Secalciferol

55721-11-4



(5Z,7E,24R)-9,10-Secocholesta-5,7,10(19)-triene-

3 β ,24,25-triol.

Osteo D. Calcium regulator. Teva.

7395 Simendan

131741-08-7

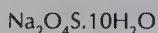


(±)-(R,S)-[[4-(1,4,5,6-Tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl]hydrazine.

Calcium sensitizer. Positive inotropic agent. See levosimendan.

7396 Sodium Sulfate

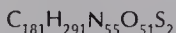
7757-82-6 8829



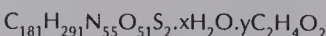
Sulfuric acid disodium salt decahydrate.

mirabilite; thenardite; component of: Colyte. Calcium regulator. mp > 800°; d = 2.7; soluble in H₂O (27.8 g/100 ml), insoluble in EtOH; [decahydrate (Glauber's salt)]: mp = 32.4°; d = 1.46; soluble in H₂O (66 g/100 ml at 25°, 33.3 g/100 ml at 15°), insoluble in EtOH. Schwarz Pharma Kremers Urban Co.**7397 Teriparatide**

52232-67-4

L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl-L-methionyl-L-histidyl-L-asparaginyl-L-leucylglycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginyl-L-seryl-L-methionyl-L- α -glutamyl-L-arginyl-L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L-arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutamyl-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginyl-L-phenylalanine. LY-333334; H-Ser-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe-OH. Bone resorption inhibitor. Osteoporosis therapy adjunct. Rhône-Poulenc Rorer Pharmaceuticals Inc.**7398 Teriparatide Acetate**

99294-94-7 9309

L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl-L-methionyl-L-histidyl-L-asparaginyl-L-leucylglycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginyl-L-seryl-L-methionyl-L- α -glutamyl-L-arginyl-L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L-arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutamyl-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginyl-L-phenylalanine acetate (salt) hydrate.Parathar; hPTH 1-34 (acetate salt); H-Ser-Val-Ser-Glu-Ile-Gln-Leu-Met-His-Asn-Leu-Gly-Lys-His-Leu-Asn-Ser-Met-Glu-Arg-Val-Glu-Trp-Leu-Arg-Lys-Lys-Leu-Gln-Asp-Val-His-Asn-Phe-OH. $\cdot$ xH₂O. $\cdot$ yCH₃COOH. Bone resorption inhibitor. Osteoporosis therapy adjunct. Used as a diagnostic aid. Rhône-Poulenc Rorer Pharmaceuticals Inc.

Carbonic Anhydrase Inhibitors

7399 Acetazolamide

59-66-5 50 200-440-5



N-(5-Sulfamoyl-1,3,4-thiadiazol-2-yl)acetamide.

acetazoleamide; carbonic anhydrase inhibitor 6063; acetamox; atenezol; cidamex; defiltran; diacarb; diamox; didoc; diluran; diureticum-Holzinger; diuriwas; diutazol; donmox; edemox; fonurit; glaupax; glupax; natrionex; nephramid; vetamox (sodium salt). Carbonic anhydrase inhibitor, used as diuretic, in treatment of glaucoma. Diuretic and antiglaucoma agent. mp = 258-259°; sparingly soluble in H₂O; pKa = 7.2. Lederle Labs.**7400 Acetazolamide Sodium**

1424-27-7 50



N-(5-Sulfamoyl-1,3,4-thiadiazol-2-yl)acetamide monosodium salt.

Diamox Parenteral; Vetamox. Carbonic anhydrase inhibitor, used as diuretic, in treatment of glaucoma. Diuretic and antiglaucoma agent. Lederle Labs.

7401 Butazolamide

16790-49-1 1545



N-[5-(Aminosulfonyl)-1,3,4-thiadiazol-2-yl]butanamide.

SKF-4965; Butamide. Carbonic anhydrase inhibitor, used as diuretic, in treatment of glaucoma. Diuretic and antiglaucoma agent. mp = 260-262° (dec). American Cyanamid.

7402 Dichlorphenamide

120-97-8 3127 204-440-6



4,5-Dichloro-m-benzenedisulfonamide.

Daramide; Antidrazi; Oratrol. Carbonic anhydrase inhibitor used to treat glaucoma. mp = 239-241°, 228.5-229°; insoluble in H₂O, soluble in alkaline solutions. Merck & Co., Inc.**7403 Dorzolamide**

120279-96-1 3484



(4S,6S)-4-(Ethylamino)-5,6-dihydro-6-methyl-4H-thieno[2,3-b]thiopyran-2-sulfonamide 7,7-dioxide.

Adrenergic (ophthalmic); a carbonic anhydrase inhibitor, used to treat glaucoma. Merck & Co., Inc.

7404 Dorzolamide Hydrochloride

130693-82-2 3484



(4S,6S)-4-(Ethylamino)-5,6-dihydro-6-methyl-4H-thieno[2,3-b]thiopyran-2-sulfonamide
7,7-dioxide hydrochloride.

Trusopt; MK-507; component of: Cosopt. Adrenergic (ophthalmic); a carbonic anhydrase inhibitor, used to treat glaucoma. mp = 283-285°; $[\alpha]_D^{24} = -8.34^\circ$ (c = 1 MeOH); soluble in H₂O. *Merck & Co., Inc.*

7405 Ethoxzolamide

452-35-7 3801 207-199-5

C₉H₁₀N₂O₃S₂

6-Ethoxy-2-benzothiazolesulfonamide.

ethoxzolamide; Cardrase; Ethamide; Glaucotensil; Redupresin. Carbonic anhydrase inhibitor, used as diuretic, in treatment of glaucoma. Carbonic anhydrase inhibitor, used as diuretic, in treatment of glaucoma. mp = 188-190.5°. *Upjohn Ltd.*

7406 Flumethiazide

148-56-1 4174 205-717-4

C₈H₆F₃N₃O₄S₂

6-(Trifluoromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Ademol; Fludemil. Carbonic anhydrase inhibitor. mp = 305.4-307.8° (dec); $\lambda_m = 278$ nm ($E_{1\%}^{1\text{cm}} 335$); sparingly soluble in H₂O (5 g/100 ml at 100° with dec); soluble in MeOH, EtOH, DMF; insoluble in EtOAc, MEK, C₆H₆, C₇H₈. *Olin Research Ctr.*

7407 Methazolamide

554-57-4 6031 209-066-7

C₅H₈N₄O₃S₂

N-(4-Methyl-2-sulfamoyl- Δ^2 -1,3,4-thiadiazolin-5-ylidene)acetamide.

Neptazane. Carbonic anhydrase inhibitor used as a diuretic. mp = 213-214°; $\lambda_m = 254$ nm (log ϵ 3.66 95% EtOH), 247 nm (log ϵ 3.61 0.1N NaOH). *Lederle Labs.*

Cardiotonics**7408 Acefylline**

652-37-9 22 211-490-2

C₉H₁₀N₄O₄

1,2,3,6-Tetrahydro-1,3-dimethyl-2,6-dioxopurine-7-acetic acid.

carboxymethyltheophylline; 7-theophylline acetic acid. Diuretic, cardiotonic and bronchodilator. mp = 271°. *E. Merck.*

7409 Acefylline Sodium salt

837-27-4 22 212-652-5

C₉H₉N₄NaO₄

Sodium 1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxopurine-7-acetate.

Aminodal. Diuretic, cardiotonic and bronchodilator. mp > 300°. *E. Merck.*

7410 Acetyldigitoxin

1111-39-3 90 214-178-4

C₄₃H₆₆O₁₄

(3 β ,5 β)-3-[(O-3-O-Acetyl-2,6-dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-2,6-dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-2,6-dideoxy- β -D-

ribohexopyranosyl)oxy]-14-hydroxycard-20(22)-enolide.

Acyanid. Cardiotonic. The α and β forms differ in the position of the acetyl group. [α -form]: mp = 217-221°; $[\alpha]_D^{20} = 5^\circ$ (c = 0.7 C₅H₅N); slightly soluble in CHCl₃; [β -form]: dec 225°; $[\alpha]_D^{20} = 16.7$ (C₅H₅N); soluble in CHCl₃ (11-14 g/100 ml), MeOH (0.67 g/100 ml), amyl alcohol (0.45 g/100 ml); insoluble in H₂O (0.0005 g/100 ml), Et₂O. *Sandoz Pharmaceuticals Corp.*

7411 Acrihellin

67696-82-6 266-909-1

C₂₉H₃₈O₇

3 β ,5,14-Trihydroxy-19-oxo-5 β -bufa-20,22-dienolide 3-(3-methylcrotonate).

Cardiotonic. *Carter-Wallace.*

7412 Actodigin

36983-69-4

C₂₉H₄₉O₉

3 β -(β -D-Glucopyranosyloxy)-14,23-dihydroxy-24-nor-5 β ,14 β -chol-20(22)-en-21-oic acid σ -lactone.

AY-22241. Cardiotonic. *Wyeth-Ayerst Labs.*

7413 Adibendan

100510-33-6

C₁₆H₁₄N₄O

5,7-Dihydro-7,7-dimethyl-2-(4-pyridyl)pyrrolo[2,3-f]-benzimidazol-6(3H)-one.

A cardiotonic agent with highly selective phosphodiesterase III inhibitory properties.

7414 2-Amino-4-picoline

695-34-1 486 211-780-9

C₆H₈N₂

4-Methyl-2-pyridamine.

W-45; component of: Ascensil, Askensil. Analgesic and cardiotonic. mp = 100-100.5°; bp₁₁ = 115-117°; freely soluble in H₂O, EtOH, DMF; insoluble in petroleum ether. *Raschig GmbH.*

7415 2-Amino-4-picoline Camphorsulfonate

12261-97-1 486

C₁₆H₂₄N₂O₄S

4-Methyl-2-pyridamine camphorsulfonate.

Piricardio; Varunax. Analgesic and cardiotonic. *Raschig GmbH.*

7416 2-Amino-4-picoline Hydrochloride

2403-84-1 486

C₆H₉ClN₂

4-Methyl-2-pyridamine monohydrochloride.

Analgesic and cardiotonic. mp = 176-177°; freely soluble in H₂O, EtOH. *Raschig GmbH.*

7417 Amrinone

60719-84-8 634 262-390-0

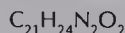
C₁₀H₉N₃O

5-Amino[3,4'-bipyridin]-6(1H)-one.

Inocor; Win-40680; Vesistol; Cartonic; Wincoram. Cardiotonic. mp = 294-297° (dec). *Sterling Winthrop, Inc.*

7418 Apovincamine

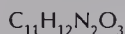
4880-92-6

Methyl(3 α ,16 α)-eburnamenine-14-carboxylate.

Reported to enhance cardiovascular activity. Cardiotonic.

7419 Bemarinone

92210-43-0



5,6-Dimethyl-4-methyl-2(1H)-quinazolinone.

Cardiotonic (positive inotropic, vasodilator).

7420 Bemarinone Hydrochloride

101626-69-1



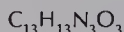
5,6-Dimethyl-4-methyl-2(1H)-quinazolinone

monohydrochloride.

ORF-16600; RWJ-16600. Cardiotonic (positive inotropic, vasodilator).

7421 Bemoradan

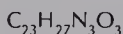
112018-01-6



7-(1,4,5,6-Tetrahydro-4-methyl-6-oxo-3-pyridazinyl)-2H-1,4-benzoxazin-3-(4H)-one.

ORF-22867. Cardiotonic. *Ortho Pharmaceutical Corp.***7422 Benafentrine**

35135-01-4



cis-4'-(1,2,3,4,4a,10b-Hexahydro-8,9-dimethoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl)acetanilide.

Phosphoroesterase inhibitor. Cardiotonic.

7423 Benofurodil Hemisuccinate

3447-95-8

1070

222-367-8



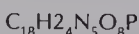
Butanedioic acid mono[1-[5-(2,5-dihydro-5-oxo-3-furanyl)-3-methyl-2-benzofuranyl]ethyl] ester.

benzofurodil; Eucilat; Eudilat. Cardiotonic. mp = 144°;

LD₅₀ (mus orl) = 550 mg/kg. *Clin-Byla.***7424 Bucladesine**

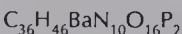
362-74-3

1483

N-(9- β -D-Ribofuranosyl-9H-(purin-6-yl)butyramide cyclic 3',5'-(hydrogen phosphate) 2'-butyrate.DBcAMP. Cardiotonic. *Daiichi Pharmaceutical Corp.***7425 Bucladesine Barium Salt**

18837-96-2

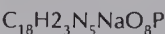
1483

N-(9- β -D-Ribofuranosyl-9H-(purin-6-yl)butyramide cyclic 3',5'-(hydrogen phosphate) 2'-butyrate barium (2:1) (salt).Cardiotonic. *Daiichi Pharmaceutical Corp.***7426 Bucladesine Sodium Salt**

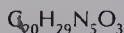
16980-89-5

1483

241-059-4

N-(9- β -D-Ribofuranosyl-9H-(purin-6-yl)butyramide cyclic 3',5'-(hydrogen phosphate) 2'-butyrate sodium salt.DC-2797; Actosin. Cardiotonic. $\lambda_m = 270$ nm (EtOH/ammonium acetate). *Daiichi Pharmaceutical Corp.***7427 Buquineran**

59184-78-0

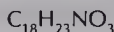


1-Butyl-3-[1-(6,7-dimethoxy-4-quinazolinyl)-4-piperidyl]urea.

A phosphodiesterase inhibitor, used as a cardiotonic.

7428 Butopamine

66734-12-1

(R)-p-Hydroxy- α -[[[(R)-3-(p-hydroxyphenyl)-1-methylpropyl]amino]methyl]benzyl alcohol.Compound LY-131126. *Eli Lilly & Co.***7429 Camphotamide**

4876-45-3

1782

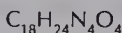
225-484-2



3-Diethylcarbamoyl-1-methylpyridinium camphorsulfonate.

CNS, cardiac stimulant. mp = 174-175°; soluble in H₂O, EtOH, Et₂O; insoluble in C₆H₆, petroleum ether. Soc. *Franc. Recherches Biochim.***7430 Carbazeran**

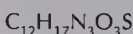
70724-25-3



1-(6,7-Dimethoxy-1-phthalazinyl)-4-piperidyl ethylcarbamate.

UK-31557. Cardiotonic. *Pfizer International.***7431 Cariporide**

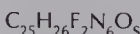
159138-80-4



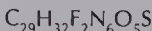
N-(Diaminomethylene)-4-isopropyl-3-(methylsulfonyl)benzamide.

Inhibits Na⁺/H⁺ exchange. Cardioprotectant during myocardial ischemia. cardioprotective.**7432 Carsatrin**

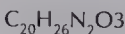
125363-87-3

(±)-4-[Bis(p-fluorophenyl)methyl]- α -[(9H-purin-6-ylthio)methyl]-1-piperazineethanol.Cardiotonic. *R. W. Johnson.***7433 Carsatrin Succinate**

132199-13-4

(±)-4-[Bis(p-fluorophenyl)methyl]- α -[(9H-purin-6-ylthio)methyl]-1-piperazineethanol succinate (1:1) (salt).RWJ-24517. Cardiotonic. *R. W. Johnson.***7434 Cilostamide**

68550-75-4



N-Cyclohexyl-4-[(1,2-dihydroxy-2-oxo-6-quinolyl)oxy]-N-methylbutyramide.

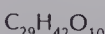
Phosphodiesterase 3 inhibitor.

7435 Convallatoxin

508-75-8

2575

208-086-3

(3 β ,5 β)-3-[(6-Deoxy- α -L-mannopyranosyl)oxy]-5,14-dihydroxy-19-oxocard-20(22)-enolide.

Convallaton; Corglykon; Korglykon. Cardiotonic. mp =

235-242°; $[\alpha]_D^{22} = -1.7^\circ \pm 3^\circ$ ($c = 0.65$ MeOH), $[\alpha]_D^{25} = -9.4^\circ \pm 3^\circ$ ($c = 0.72$ dioxane); soluble in EtOH, Me₂CO; slightly soluble in H₂O (0.05 g/100 ml), CHCl₃, EtOAc; LD₅₀ (mus ip) = 10.0 mg/gk, (rat ip) = 16.0 mg/kg; [tri-O-acetate (C₃₅H₄₈O₁₃)]: mp = 215-238°; $[\alpha]_D^{25} = -5.5^\circ \pm 2^\circ$ ($c = 0.962$ CHCl₃). *Hoechst*.

7436 Cymarin

508-77-0 2830 208-087-9

C₃₀H₄₄O₉

3β-[(2,6-Dideoxy-3-O-methyl-β-D-ribofuranosyl)oxy]-5β,14-dihydroxy-19-oxocardi-20(22)-enolide.

K-strophanthin-α; Alvonal MR. Cardiotonic. mp = 148°; $[\alpha]_D^{20} = 39.2^\circ$ (MeOH), $[\alpha]_D^{22} = 39.0^\circ$ ($c = 1.7$ CHCl₃); soluble in MeOH, CHCl₃; insoluble in H₂O; LD₅₀ (rat iv) = 24.8 ± 1.8 mg/kg; [sesquihydrate]: mp = 184-185°; [monoacetylcymarin (C₃₂H₄₆O₁₀)]: mp = 175-176°; $[\alpha]_D^{22} = 45.1^\circ$ (EtOH), soluble in CHCl₃, insoluble in H₂O.

7437 Denbufylline

57076-71-8

C₁₆H₂₄N₄O₃

7-acetonyl-1,3-dibutylxanthine.

Phosphodiesterase inhibitor.

7438 Denopamine

71771-90-9 2943

C₁₈H₂₃NO₄

(-)-(R)-α-[(3,4-Dimethoxyphenethyl)amino]methyl-p-hydroxybenzyl alcohol.

TA-064; Carguto; Kalgut. Cardiotonic. [l-form hydrochloride]: mp = 138-139.5°; $[\alpha]_D^{25} = -38.0^\circ$ ($c = 1$ MeOH); [dl-form hydrochloride]: mp = 164-167°. *Tanabe Seiyaku*.

7439 Deslanoside

17598-65-1 2967 241-568-1

C₄₇H₇₄O₁₉

3-[(O-β-D-Glucopyranosyl-(1→4)-O-3,6-dideoxy-β-D-ribohexopyranosyl-(1→4)-O-2,6-dideoxy-β-D-ribohexopyranosyl-(1→4)-12,14-dihydroxycardi-20(22)-enolide.

deacetylanatoside C; Cedilanid D; Desace; Desaci; Lanimerck (ampuls); Purpurea glycoside C. Cardiotonic. dec 265-268°; $[\alpha]_D^{20} = 12^\circ$ ($c = 1.084$ 75% EtOH); soluble in H₂O (0.02 g/100 ml), MeOH (0.5 g/100 ml), EtOH (0.04 g/100 ml); slightly soluble in CHCl₃; insoluble in Et₂O. *Sandoz Pharmaceuticals Corp*.

7440 Digitalin

752-61-4 3200 212-036-6

C₃₆H₅₆O₁₄

(3β,5β,16β)-3-[(6-Deoxy-4-O-β-D-glucopyranosyl-3-O-methyl-β-D-galactopyranosyl)oxy]-14,16-dihydroxycardi-20(22)-enolide.

digitalinum verum; digitalinum true; Schmiedeberg's digitalin; Diginorgin. Cardiotonic. mp = 240-243°; $[\alpha]_D^{20} = -1.1^\circ$ ($c = 0.894$ MeOH); slightly soluble in H₂O, CHCl₃, Et₂O; soluble in EtOH.

7441 Digitalis

3201

Digitfortis; Digiglusin; Foxglove; Fairy Gloves; purple foxglove; Digtora; Neodigitalis; Pil-Digis. Cardiotonic. *Eli Lilly & Co.; Parke-Davis*.

7442 Digitoxin

71-63-6 3206 200-760-5

C₄₁H₆₄O₁₃

3-[(O-2,6-Dideoxy-β-D-ribohexopyranosyl-(1→4)-O-2,6-dideoxy-β-D-ribohexopyranosyl-(1→4)-2,6-dideoxy-β-D-ribohexopyranosyl)oxy]-14-hydroxycardi-20(22)-enolide.

Cardidigin; Crystodigin; Digisidin; Unidigin; digitophyllin; Cardigin; Carditoxin; Coramedan; Cristapurat; Digicor; Digilong; Digimerck; Digimed; Digipural; Ditaven; Digisidin; Digitaline Nativele; Lanatoxin; Myodigin; Purodigin; Purpurid; Tradigal. Cardiotonic. mp = 256-257°; $[\alpha]_D^{20} = 4.8^\circ$ ($c = 1.2$ dioxane); soluble in CHCl₃ (2.5 g/100 ml), EtOH (1.67 g/100 ml), EtOAc (0.25 g/100 ml), Me₂CO, amyl alcohol, C₅H₅N; sparingly soluble in Et₂O, petroleum ether, H₂O 0.001 g/100 ml at 20°; LD₅₀ (gpg orl) = 60 mg/kg, (cat orl) = 0.18 mg/kg. *Eli Lilly & Co.; Marion Merrell Dow Inc.; Sterling Winthrop, Inc.*

7443 Digoxin

20830-75-5 3210 244-068-1

C₄₁H₆₄O₁₄

3-[(O-2,6-Dideoxy-β-D-ribohexopyranosyl-(1→4)-O-2,6-dideoxy-β-D-ribohexopyranosyl-(1→4)-2,6-dideoxy-β-D-ribohexopyranosyl)oxy]-12,14-dihydroxycardi-20(22)-enolide.

Lanoxicaps; Lanoxin; Cordioxil; Davoxin; Digacin; Dilanacin; Dixina; Dokim; Dynamos; Eudigox; Lanacordin; Lanicor; Lenoxicaps; Lenoxin; Longdigox; NeoDioxanin; Rougoxin; Stillacor; Vanoxin. Cardiotonic. mp = 230-265°; $[\alpha]_D^{25} = 13.4 - 13.8^\circ$ ($c = 10$ C₅H₅N); $\lambda_m = 220$ nm (ϵ 12800 EtOH); soluble in EtOH, C₅H₅N; insoluble in CHCl₃, Me₂CO, EtOAc, H₂O, Et₂O. *Glaxo Wellcome Inc.; Wyeth-Ayerst Labs*.

7444 Dioxyline Phosphate

5667-46-9

Paveril phosphate.

Cardiotonic. *Eli Lilly & Co.*

7445 Dobutamine

34368-04-2 3456

C₁₈H₂₃NO₃

(±)-4-[2-[[3-(p-Hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol.

Compound 81929. Cardiotonic. *Eli Lilly & Co.*

7446 Dobutamine Hydrochloride

49745-95-1 3456 256-464-1

C₁₈H₂₄ClNO₃

(±)-4-[2-[[3-(p-Hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol hydrochloride.

Dobutrex; Inotrex; 46236. Cardiotonic. mp = 184-186°; $\lambda_m = 281, 223$ nm (ϵ 4768, 14400, MeOH); LD₅₀ (mus iv) = 73 mg/kg. *Astra USA, Inc.; Eli Lilly & Co.*

7447 Dobutamine Lactobionate

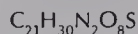
104564-71-8

C₃₀H₄₅NO₁₅

(±)-4-[2-[[3-(p-Hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol lactobionate (salt).

LY-207506. Cardiotonic. *Eli Lilly & Co.***7448 Docarpamine**

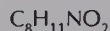
74639-40-0 3457



(-)-(S)-2-Acetamido-N-(3,4-dihydroxyphenethyl)-4-(methylthio)butyramide bis(ethyl carbonate) (ester). TA-870; Tanadopa. Cardiotonic. mp = 85-90°, 105-108°; $[\alpha]_D^{20}$ = -15.6° (c = 2 MeOH); slightly soluble in H₂O, soluble in EtOH; LD₅₀ (mrat sc) = 1000-1400 mg/kg, (frat sc) = 1000 mg/kg, (rat,dog orl) > 2000 mg/kg. *Tanabe Seiyaku*.

7449 Dopamine

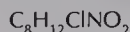
51-61-6 3479 200-110-0



4-(2-Aminoethyl)pyrocatechol. Cardiotonic. *Astra USA, Inc.; Elkins-Sinn; Parke-Davis*.

7450 Dopamine Hydrochloride

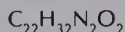
62-31-7 3479 200-527-8



4-(2-Aminoethyl)pyrocatechol hydrochloride. Dopastat; ASL-279; Cardiosteril; Dynatra; Inovon; Inotropin. Cardiotonic. dec 241°; freely soluble in H₂O; soluble in MeOH, hot EtOH; insoluble in Et₂O, CHCl₃, C₆H₆, C₇H₈, petroleum ether; [hydrobromide]: mp = 210-214° (dec). *Astra USA, Inc.; Elkins-Sinn; Parke-Davis*.

7451 Dopexamine

86197-47-9 3482



4-[2-[[6-(Phenethylamino)hexyl]amino]ethyl]pyrocatechol. FPL-60278; Dopacard. Cardiotonic. *Fisons plc, Pharmaceuticals Div*.

7452 Dopexamine Hydrochloride

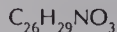
86484-91-5 3482



4-[2-[[6-(Phenethylamino)hexyl]amino]ethyl]-pyrocatechol hydrochloride. FPL-60278AR. Cardiotonic. [hydrobromide]: mp = 227-228°. *Fisons plc, Pharmaceuticals Div*.

7453 Doxaminol

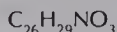
55286-56-1



6,11-Dihydro-N-(2-hydroxy-3-phenoxypropyl)-N-methyldibenz[b,e]oxepin-11-ethylamine. A β -adrenergic agonist. Has cardiotonic properties.

7454 Doxaminol

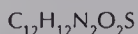
55286-56-1



6,11-Dihydro-N-(2-hydroxy-3-phenoxypropyl)-N-methyldibenz[b,e]oxepin-11-ethylamine. A β -adrenergic agonist. Has cardiotonic properties.

7455 Enoximone

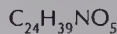
77671-31-9 3627



4-Methyl-5-[p-(methylthio)benzoyl]-4-imidazolin-2-one. Perfan; MDL-17043; fenoximone; RMI-17043; Perfane. Cardiotonic. mp = 255-258° (dec). *Marion Merrell Dow*

*Inc.***7456 Erythrophleine**

† 36150-73-9 3728

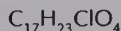


[1S-(1 α ,4 α ,4 β ,7E,8 β ,8 α ,9 α ,10 α)]-Tetradecahydro-9-hydroxy-1,4a,8-trimethyl-7-[2-[2-(methylamino)ethoxy]-2-oxoethylidene]-1-phenanthrenecarboxylic acid methyl ester.

norcassamidine. Cardiotonic. mp = 115°; $[\alpha]_D^{20}$ = -22.5° (c = 0.65 EtOH); soluble in H₂O, EtOH.

7457 Etomoxir

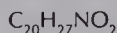
124083-20-1



Ethyl-(+)-(R)-2-[6-(p-chlorophenoxy)hexyl]glycidate. Cardiotonic.

7458 Fenalcomine

34616-39-2 3996



α -Ethyl-p-[2-[(α -methylphenethyl)amino]ethoxy]benzyl alcohol. Cardiotonic. *Laroche-Navarron*.

7459 Fenalcomine Hydrochloride

34535-83-6 3996 252-075-6



α -Ethyl-p-[2-[(α -methylphenethyl)amino]ethoxy]benzyl alcohol hydrochloride. Cordoxene. Cardiotonic. *Laroche-Navarron*.

7460 Gitalin

1405-76-1 4437 215-784-1
Cardiotonic. An extract of *Digitalis purpurea* L. *Sacrophulariaceae*. It is a mixture of digitoxin; gitoxin and gitaloxin (16-formylgitoxin, Cristaloxine). Readily soluble in EtOH, slightly soluble in H₂O.

7461 Gitaloxin

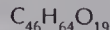
3261-53-8



Gitoxin 16-formate. Cardiotonic.

7462 Gitoformate

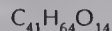
7685-23-6



Gitoxin-3',3,3',4',16-pentaformate. Cardiotonic.

7463 Gitoxin

4562-36-1 4441 224-934-5



(3 β ,5 β ,16 β)-3-[(O-2,6-Dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-O-2,6-dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-2,6-dideoxy- β -D-ribohexopyranosyl)oxy]-14,16-dihydroxycard-20(22)-enolide. anhydrogitalin; bigitalin; pseudodigitoxin. Cardiotonic. dec 285°; $[\alpha]_{546}^{20}$ = 3.5° (c = 1.02 C₅H₅N); λ_m = 315, 415, 495, 530 nm ($E_{1\%}^{1\text{cm}}$ 275, 285, 430, 505 98% H₂SO₄); insoluble in CHCl₃, EtOAc, Me₂CO; soluble in C₅H₅N, EtOH. *VEB Arzneimittelwerk*.

7464 Glycocymamine

352-97-6 4505 206-529-5
 $C_3H_7N_3O_2$
 N-(Aminoiminomethyl)glycine.
 guanidineacetic acid; guanidoacetic acid. Used in
 combination with betaine as a cardiotonic. dec 280-284°;
 soluble in H_2O .

7465 Heptaminol

372-66-7 4691 206-758-0
 $C_8H_{19}NO$
 6-Amino-2-methyl-2-heptanol.
 Cardiotonic. bp₇ = 92-93°. *Bilhuber*.

7466 Heptaminol Hydrochloride

543-15-7 4691 208-837-5
 $C_8H_{20}ClNO$
 6-Amino-2-methyl-2-heptanol hydrochloride.
 RP-2831; Cortensor; Eoden; Hept-a-myl; Heptylon.
 Cardiotonic. mp = 150°; freely soluble in H_2O ; soluble in
 EtOH; insoluble in Me_2CO , C_6H_6 , Et_2O . *Bilhuber*.

7467 Hydrastinine

6592-85-4 4807 229-533-9
 $C_{11}H_{13}NO_3$
 5,6,7,8-Tetrahydro-6-methyl-1,3-dioxolo[4,5-
 g]isoquinolin-5-ol.
 The hydrochloride salt is used as a cardiotonic. mp =
 117°; soluble in EtOH, $CHCl_3$, hot H_2O , insoluble in cold
 H_2O .

7468 Ibopamine

66195-31-1 4921 266-229-5
 $C_{17}H_{25}NO_4$
 4-[2-(Methylamino)ethyl]-o-phenylene diisobutyrate.
 Cardiotonic. *SmithKline Beecham Pharmaceuticals; Simes*
S.p.A.

7469 Ibopamine Hydrochloride

75011-65-3 4921 278-056-2
 $C_{17}H_{26}ClNO_4$
 4-[2-(Methylamino)ethyl]-o-phenylene diisobutyrate
 hydrochloride.
 SB-7505; Inopamil; Scandine. Cardiotonic. mp = 132°.
SmithKline Beecham Pharmaceuticals; Simes S.p.A.

7470 Imazodan

84243-58-3
 $C_{13}H_{12}N_4O$
 4,5-Dihydro-6-(p-imidazol-1-ylphenyl)-3(2H)-
 pyridazinone.
 Cardiotonic.

7471 Imazodan Hydrochloride

89198-09-4
 $C_{13}H_{13}ClN_4O$
 4,5-Dihydro-6-(p-imidazol-1-ylphenyl)-3(2H)-
 pyridazinone monohydrochloride.
 Cardiotonic.

7472 Indolidan

100643-96-7
 $C_{14}H_{15}N_3O_3$
 3,3-Dimethyl-5-(1,4,5,6-tetrahydro-6-oxo-3-pyridazinyl)-

2-indolinone.

LY-195115. Cardiotonic. *Eli Lilly & Co.*

7473 Isomazole

86315-52-8
 $C_{14}H_{13}N_3O_2$
 2-[2-Methoxy-4-(methylsulfinyl)phenyl]-1H-imidazo[4,5-
 c]pyridine.
 Cardiotonic. *Eli Lilly & Co.*

7474 Isomazole Hydrochloride

87359-33-9
 $C_{14}H_{14}ClN_3O_2$
 2-[2-Methoxy-4-(methylsulfinyl)phenyl]-1H-imidazo[4,5-
 c]pyridine monohydrochloride.
 LY-175326. Cardiotonic. *Eli Lilly & Co.*

7475 Lanatoside A

17575-20-1 5368 241-544-0
 $C_{49}H_{76}O_{19}$
 (3 β ,5 β)-3-[(O- β -D-Glucopyranosyl-(1 $\rightarrow$ 4)-O-3-O-acetyl-
 2,6-dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-O-2,6-
 dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-2,6-dideoxy- β -D-
 ribohexopyranosyl)oxy]-14-hydroxycard-20(22)-enolide.
 digilanide A; Adigal. Cardiotonic. dec 245-248°; $[\alpha]_D^{20}$ =
 31.6° (c = 1.92 95% EtOH), $[\alpha]_D^{20}$ = 23.2° (c = 3.8
 dioxane); soluble in MeOH (5 g/100 ml), EtOH (2.5 g/100
 ml), $CHCl_3$ (0.44 g/100 ml), H_2O (0.006 g/100 ml).

7476 Lanatoside B

17575-21-2 5368 241-545-6
 $C_{49}H_{76}O_{20}$
 (3 β ,5 β)-3-[(O- β -D-Glucopyranosyl-(1 $\rightarrow$ 4)-O-3-O-acetyl-
 2,6-dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-O-2,6-
 dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-2,6-dideoxy- β -D-
 ribohexopyranosyl)oxy]-14, 16-dihydroxycard-20(22)-
 enolide.
 digilanide B. Cardiotonic. dec 245-248°; $[\alpha]_D^{20}$ = 36.7° (c =
 1.88 95% EtOH), $[\alpha]_D^{20}$ = 31.8° (c = 1.8 dioxane); soluble
 in MeOH (5 g/100 ml), EtOH (2.5 g/100 ml), $CHCl_3$ (0.44
 g/100 ml); nearly insoluble in H_2O .

7477 Lanatoside C

17575-22-3 5368 241-546-1
 $C_{49}H_{76}O_{20}$
 (3 β ,5 β)-3-[(O- β -D-Glucopyranosyl-(1 $\rightarrow$ 4)-O-3-O-acetyl-
 2,6-dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-O-2,6-
 dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-2,6-dideoxy- β -D-
 ribohexopyranosyl)oxy]-12,14-dihydroxycard-20(22)-
 enolide.
 digilanide C; Allocor; Cedilanid; Ceglunat; Celadigal;
 Cetosanol; Lanimerck (suppositories). Cardiotonic. dec
 248-250°; $[\alpha]_D^{20}$ = 33.4 - 33.7° (c = 2 EtOH); soluble in
 MeOH (0.005 g/100 ml), $CHCl_3$ (0.05 g/100 ml); freely
 soluble in C_5H_5N , dioxane; insoluble in Et_2O , petroleum
 ether.

7478 Lanatoside D

17575-31-2 5368
 $C_{49}H_{76}O_{21}$
 (3 β ,5 β)-3-[(O- β -D-Glucopyranosyl-(1 $\rightarrow$ 4)-O-3-O-acetyl-
 2,6-dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-O-2,6-
 dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-2,6-dideoxy- β -D-
 ribohexopyranosyl)oxy]-12,14,16-trihydroxycard-20(22)-

enolide.

digilaniide D. Cardiotonic. dec 242-250°; $[\alpha]_D^{20} = 40.5^\circ$ c = 5.95 MeOH); $\lambda_m = 220$ nm (log ϵ 4.16).

7479 Levodbutamine

61661-06-1

$C_{18}H_{23}NO_3$

4-[2-[[[(S)-3-(p-Hydroxyphenyl)-1-methylpropyl]amino]-ethyl]pyrocatechol.

LY-206243. Cardiotonic. *Eli Lilly & Co.*

7480 Levodbutamine Lactobionate

129388-07-4

$C_{30}H_{45}NO_{15}$

4-[2-[[[(S)-3-(p-Hydroxyphenyl)-1-methylpropyl]amino]-ethyl]pyrocatechol lactobionate (1:1) (salt).

LY-206243 lactobionate. Cardiotonic. *Eli Lilly & Co.*

7481 Loprinone

106730-54-5

5605

$C_{14}H_{10}N_4O$

1,2-Dihydro-5-imidazo[1,2-a]pyridin-6-yl-6-methyl-2-oxo-3-pyridinecarbonitrile.

olprinone. Cardiotonic. mp > 300°; [hydrochloride monohydrate ($C_{14}H_{11}ClN_4O$)]: mp > 300°; LD₅₀ (mrat orl) = 7804 mg/kg, (mrat iv) = 176 mg/kg, (mrat sc) = 2133 mg/kg, (frat orl) > 10000 mg/kg, (frat iv) = 240 mg/kg, (frat sc) = 2890 mg/kg, (mmus orl) > 10000 mg/kg, (mmus iv) = 242 mg/kg, (mmus sc) = 3898 mg/kg, (fmus orl) > 10000 mg/kg, (fmus iv) = 269 mg/kg, (fmus sc) = 4479 mg/kg. *Eisai.*

7482 Medorinone

88296-61-1

$C_9H_8N_2O$

5-Methyl-1,6-naphthyridin-2(1H)-one.

Win-49016. Cardiotonic. *Sterling Winthrop, Inc.*

7483 Meribendan

119322-27-9

$C_{15}H_{14}N_6O$

4,5-Dihydro-5-methyl-6-(2-pyrazol-3-yl-5-benzimidazolyl)-3(2H)-pyridazinone.

PDE-III inhibitor. Cardiotonic.

7484 Milrinone

78415-72-2

6284

278-903-6

$C_{12}H_9N_3O$

1,6-Dihydro-2-methyl-6-oxo[3,4'-bipyridine]-5-carbonitrile.

Win-47203; Corotrope. Cardiotonic. mp > 300°. *Sterling Winthrop, Inc.*

7485 Milrinone Lactate

100286-97-3

6284

$C_{12}H_9N_3O \cdot xC_3H_6O_3$

1,6-Dihydro-2-methyl-6-oxo[3,4'-bipyridine]-5-carbonitrile lactate.

Primacor. Cardiotonic. *Sterling Winthrop, Inc.*

7486 Neriifolin

466-07-9

6559

207-372-5

$C_{30}H_{46}O_8$

(3 β ,5 β)-3-[(6-Deoxy-3-O-methyl- α -L-glucopyranosyloxy]-14-hydroxycard-20(22)-enolide.

Cardiotonic. mp = 218-225°, 208°; $[\alpha]_D^{23} = -50.2^\circ$ (MeOH); $\lambda_m = 217$ nm (log ϵ 4,1 MeOH); [2'-acetate (cerberin; vñeniferin)]: mp = 212-215°; $[\alpha]_D^{19} = -82^\circ$ (CHCl₃); soluble in EtOH, AcOH, CHCl₃, Et₂O; insoluble in H₂O.

7487 Oleandrin

465-16-7

6963

207-361-5

$C_{32}H_{48}O_9$

(3 β ,5 β ,16 β)-16-(Acetyloxy)-3-[(2,6-dideoxy-3-O-methyl- α -L-arabinohexopyranosyloxy]-14-hydroxycard-20(22)-enolide.

neriolin; Corrigen; Folinerin. Diuretic and cardiotonic. mp = 250°; $[\alpha]_D^{25} = -48.0^\circ$ (c = 1.3 MeOH); $\lambda_m = 220$ nm (log ϵ 4.20); insoluble in H₂O, soluble in EtOH, CHCl₃; [desacetyloleandrin]: mp = 238-240°; $[\alpha]_D^{18} = -24.9^\circ$.

7488 Ouabain

630-60-4

7031

211-139-3

$C_{29}H_{44}O_{12}$

3-[(6-Deoxy- α -L-mannopyranosyl)oxy]-1,5,11,14,19-pentahydroxycard-20(22)-enolide.

G-strophanthin; Gratus strophanthin; acocantherin. Cardiotonic. [octahydrate (Purostrophan; Strodival; Strophoperm)]: dec 190°; $[\alpha]_D^{25} = -31^\circ$ to $=33.5^\circ$ (c = 1); soluble in H₂O (1.3 g/100 ml at 25°, 20 g/100 ml at 100°), EtOH (1.0 g/100 ml at 25°, 20 g/100 ml at 75°), amyl alcohol, dioxane; slightly soluble in Et₂O, CHCl₃, EtOAc; LD₅₀ (rat iv) = 14 mg/kg.

7489 Oxyfedrine

15687-41-9

7096

$C_{19}H_{23}NO_3$

3-[[[(α S, β R)- β -Hydroxy- α -methylphenethyl]amino]-3'-methoxypropio]phenone.

oxyphedrine. Cardiotonic and antianginal. Used to treat cardiac insufficiency. *Degussa AG.*

7490 Oxyfedrine DL-form Hydrochloride

16648-69-4

7096

240-696-5

$C_{19}H_{24}ClNO_3$

(DL)-3-[[[(α S, β R)- β -Hydroxy- α -methylphenethyl]amino]-3'-methoxypropio]phenone.

Cardiotonic and antianginal. Used to treat cardiac insufficiency. mp = 173-175°; LD₅₀ (mus iv) = 34 mg/kg. *Degussa AG.*

7491 Oxyfedrine L-form Hydrochloride

16777-42-7

7096

240-828-1

$C_{19}H_{24}ClNO_3$

(L)-3-[[[(α S, β R)- β -Hydroxy- α -methylphenethyl]amino]-3'-methoxypropio]phenone.

D-563; Ildamen; Modacor. Cardiotonic and antianginal. Used to treat cardiac insufficiency. mp = 192-194°; LD₅₀ (mus iv) = 29 mg/kg. *Degussa AG.*

7492 Pelrinone

94386-65-9

$C_{12}H_{11}N_5O$

1,4-Dihydro-2-methyl-4-oxo-6[(3-pyridylmethyl)amino]-5-pyrimidinecarbonitrile.

Cardiotonic. *Wyeth-Ayerst Labs.*

7493 Pelrinone Hydrochloride

89232-84-8

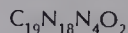


1,4-Dihydro-2-methyl-4-oxo-6[(3-pyridylmethyl)amino]-5-pyrimidinecarbonitrile monohydrochloride.

Myotrope; AY-28768. Cardiotonic. *Wyeth-Ayerst Labs.***7494 Pimobendan**

74150-27-9

7588



(±)-4,5-Dihydro-6-[2-(p-methoxyphenyl)-5-benzimidazolyl]-5-methyl-3(2H)-pyridazinone.

UDCG-115. Cardiotonic. *Boehringer Ingelheim Pharmaceuticals, Inc.; Thomae.***7495 Pimobendan Hydrochloride**

77469-98-8

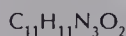
7588



(±)-4,5-Dihydro-6-[2-(p-methoxyphenyl)-5-benzimidazolyl]-5-methyl-3(2H)-pyridazinone hydrochloride.

Cardiotonic. mp = 311° (dec); LD₅₀ (mus orl) = 600 mg/kg. *Boehringer Ingelheim Pharmaceuticals, Inc.; Thomae.***7496 Piroximone**

84490-12-0



4-Ethyl-5-isonicotinoyl-4-imidazolin-2-one.

MDL-19205. Cardiotonic. *Marion Merrell Dow Inc.***7497 Prenalterol**

57526-81-5

7917

260-791-5



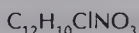
(-)-(S)-1-(p-Hydroxyphenoxy)-3-(isopropylamino)-2-propanol.

A β_1 -adrenergic agonist, used as a cardiotonic. mp = 127-128°; $[\alpha]_D^{20} = -1^\circ \pm 1^\circ$, $[\alpha]_{Hg}^{20} = 2^\circ \pm 1^\circ$ (c = 0.940 MeOH). *Ciba-Geigy Corp.***7498 Prenalterol Hydrochloride**

61260-05-7

7917

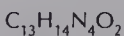
262-676-5



(-)-(S)-1-(p-Hydroxyphenoxy)-3-(isopropylamino)-2-propanol hydrochloride.

H133/22; CGP-7760B; Hyprenan; Varebian. A β_1 -adrenergic agonist, used as a cardiotonic. *Ciba-Geigy Corp.***7499 Prinoxodan**

111786-07-3



3,4-Dihydro-3-methyl-6-(1,4,5,6-tetrahydro-6-oxo-3-pyridazinyl)-2(1H)-quinazolinone.

RGW-2938. Cardiotonic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***7500 Proscillaridin**

466-06-8

8060

207-370-4

[(6-Deoxy- α -L-mannopyranosyl)oxy]-14-hydroxybufa-4,20,22-trienolide.

Tradenal; A-32686; 2936; proscillaridin A; desglucotnasvaaline; Caradrin; Cardion; Carmazon; Proscillan; Prostosin; Proszine; Protasin; Purosine-TC;

Sandoscill; Scillacrist; Simeon; Solestril; Stellarid; Talucard; Talusin; Urgilan; Wirnesin. Cardiotonic. mp = 219-222°; $[\alpha]_D^{20} = -91.5^\circ$ (MeOH); LD₅₀ (mrat orl) = 56 mg/kg, (frat orl) = 76 mg/kg. *Knoll Pharmaceutical Co.***7501 Proscillaridin 4-Methyl Ether**

33396-37-1

8060

251-493-6

[(6-Deoxy- α -L-mannopyranosyl)oxy]-14-hydroxybufa-4,20,22-trienolide 4-methyl ether.meproscillaridin; Clift. Cardiotonic. mp = 213-217°; $[\alpha]_D^{20} = -94^\circ$ (MeOH); $\lambda_m = 297$ nm (log ϵ 3.79 (MeOH), 355 nm (log ϵ 4.65 1N KOH/MeOH); soluble in MeOH, EtOH, THF, dioxane; slightly soluble in CHCl₃, CH₂Cl₂, Me₂CO; insoluble in H₂O, non-polar organic solvents. *Knoll Pharmaceutical Co.***7502 Quazinone**

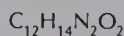
70018-51-8



(R)-6-Chloro-1,5-dihydro-3-methylimidazo[2,1-b]quinazolin-2(3H)-one.

Ro-13-6438/006. Cardiotonic. *Hoffmann-La Roche Inc.***7503 Quazodine**

4015-32-1



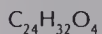
4-Ethyl-6,7-dimethoxyquinazoline.

MJ-1988. Cardiotonic.

7504 Resibufogenin

465-39-4

8315

14,15-Epoxy-3 β -hydroxy-5 β -bufa-20,22-dienolide.Respigon. Cardiotonic. mp = 113-140°, 155-168°; $[\alpha]_D^{22} = -7.1^\circ$ (c = 1.259 CHCl₃); [hydrochloride]: dec 230-232°; $[\alpha]_D^{15} = 15.1^\circ$ (c = 0.530 CHCl₃); $\lambda_m = 298$ nm (log ϵ 3.74 EtOH).**7505 Scillaren**

11003-70-6

8543

A mixture of the glycosides, Scillaren A and Scillaren B.

Used as a cardiotonic. $[\alpha]_D^{20} = -25^\circ$ to -35° (c = 2 75% EtOH); soluble in H₂O (0.033 g/100 ml), EtOH, MeOH (20 g/100 ml); insoluble in Et₂O, CHCl₃; LD₅₀ (cat iv) = 0.18 - 0.62 mg/kg; LD (rbt orl) = 0.95 mg/gk, LD (rat sc) = 10 mg/kg.**7506 Scillarenin**

465-22-5

8544

(3 β)-3,14-Dihydroxybufa-4,20,22-trienolide.mp = 232-238°; $[\alpha]_D^{20} = -16.8^\circ$ (c = 0.357 MeOH); $[\alpha]_D^{20} = 17.9^\circ$ (c = 0.39 CHCl₃); $\lambda_m = 300$ nm (log ϵ 3.72); LD (cat iv) = 0.1567 mg/kg; [3-acetate (C₂₆H₃₄O₅)]: mp = 240-243°; $[\alpha]_D^{20} = -23.4^\circ$ (c = 1.365 CHCl₃).**7507 Strophanthin**

11005-63-3

9016

234-239-9

K-strophanthin; K-strophanthoside. A mixture of α -glucose (19%), β -glucose (19%), cymarose (15%) and strophanthidin (47%). Soluble in H₂O, dilute EtOH;

insoluble in CHCl_3 , Et_2O , C_6H_6 ; MLD (cat iv) = 0.11 mg/kg, (rat iv) = 9.4 mg/kg.

7508 Sulmazole

73384-60-8 9159 277-406-1

$\text{C}_{14}\text{H}_{13}\text{N}_3\text{O}_2\text{S}$

2-[2-Methoxy-4-(methylsulfinyl)phenyl]-3H-imidazo[4,5-b]pyridine.

AR-L; 115BS; Vardax. Cardiotonic. mp = 203-205°; LD₅₀ (mus orl) = 560 mg/kg, (mus iv) = 163 mg/kg. *Thomae*.

7509 Tazolol

39832-48-9

$\text{C}_9\text{H}_{16}\text{N}_2\text{O}_2\text{S}$

2-(±)-1-(Isopropylamino)-3-(2-thiazolyloxy)-2-propanol.

Cardiotonic. *Syntex International, Ltd.*

7510 Tazolol Hydrochloride

38241-39-3

$\text{C}_9\text{H}_{17}\text{ClN}_2\text{O}_2\text{S}$

2-(±)-1-(Isopropylamino)-3-(2-thiazolyloxy)-2-propanol monohydrochloride.

RS-6245. Cardiotonic. *Syntex International, Ltd.*

7511 Theobromine

83-67-0 9418 201-494-2

$\text{C}_7\text{H}_8\text{N}_4\text{O}_2$

3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione.

3,7-dimethylxanthine. Diuretic, bronchodilator and cardiotonic. mp = 357°; soluble in H_2O (0.5 g/l), EtOH ;

insoluble in C_6H_6 , Et_2O , CHCl_3 , CCl_4 .

7512 Toborinone

143343-83-3

$\text{C}_{21}\text{H}_{24}\text{N}_2\text{O}_5$

(±)-6-[3-(3,4-Dimethoxybenzylamino)-2-hydroxypropoxy]-2(1H)-quinolinone.

OPC-18790. A novel cardiotonic, positive inotropic agent with an inhibitory action on phosphodiesterase.

7513 Tolafentrine

139308-65-9

$\text{C}_{28}\text{H}_{31}\text{N}_3\text{O}_4\text{S}$

(-)-4'-(cis-1,2,3,4,4a,10b-Hexahydro-8,9-dimethoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl)-p-toluenesulfonamide.

Type III/IV-selective phosphodiesterase inhibitor.

7514 Vesnarinone

81840-15-5 10105

$\text{C}_{22}\text{H}_{25}\text{N}_3\text{O}_4$

1-(1,2,3,4-Tetrahydro-2-oxo-6-quinolyl)-4-veratroylpiperazine.

OPC-8212; Arkin; pieranometazine. Cardiotonic. mp = 238.1-239.5°, 238.1-239.8°; λ_m = 271 nm (ϵ 25100 MeOH); soluble in AcOH (18.7 g/100 ml), CHCl_3 (14.2 g/100 ml), benzyl alcohol (5.9 g/100 ml), DMSO (2.51 g/100 ml); DMF (1.18 g/100 ml), dioxane (0.17 g/100 ml); MeOH (0.12 g/100 ml), Me_2CO (0.064 g/100 ml), EtOH (0.04 g/100 ml), H_2O (0.002 g/100 ml). *Otsuka America Pharmaceuticals, Inc.*

7515 Xamoterol

81801-12-9 10189

$\text{C}_{16}\text{H}_{25}\text{N}_3\text{O}_5$

(±)-N-[2-[[2-Hydroxy-3-(p-hydroxyphenoxy)propyl]-amino]ethyl]-4-morpholinecarboxamide.

† Cardiotonic. *ICI*.

7516 Xamoterol Hemifumarate

73210-73-8 10189 277-319-9

$\text{C}_{36}\text{H}_{54}\text{N}_6\text{O}_{14}$

(±)-N-[2-[[2-Hydroxy-3-(p-hydroxyphenoxy)propyl]-amino]ethyl]-4-morpholinecarboxamide fumarate (2:1) (salt).

Carwin; Corwin; Xamtol. Cardiotonic. mp = 168-169° (dec). *ICI*.

CCK Antagonists

7517 Devazepide

103420-77-5

$\text{C}_{25}\text{H}_{20}\text{N}_4\text{O}_2$

(S)-N-(2,3-Dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)indole-2-carboxamide.

MK-329; L-364718. Cholecystokinin inhibitor. *Merck & Co., Inc.*

7518 Dexloxiglumide

119817-90-2

$\text{C}_{21}\text{H}_{30}\text{Cl}_2\text{N}_2\text{O}_5$

(R)-4-(3,4-Dichlorobenzamido)-N-(3-methoxypropyl)-N-pentylglutaramic acid.

A CCK antagonist.

7519 Lintitript

136381-85-6

$\text{C}_{20}\text{H}_{14}\text{ClN}_3\text{O}_3\text{S}$

1-[[2-(4-(2-Chlorophenyl)thiazol-2-yl)aminocarbonyl]indolyl] acetic acid.

SR-27897. Cholecystokinin (CCK) receptor antagonist.

7520 Loxiglumide

107097-80-3 5618

$\text{C}_{21}\text{H}_{30}\text{Cl}_2\text{N}_2\text{O}_5$

(±)-4-(3,4-Dichlorobenzamido)-N-(3-methoxypropyl)-N-pentylglutaramic acid.

CR-1505. Cholecystokinin inhibitor, used as a gastroprokinetic agent. mp = 113-115°; soluble in H_2O (0.01 g/100 ml). *Rotta Pharm.*

7521 Proglumide

6620-60-6 7958 229-567-4

$\text{C}_{18}\text{H}_{26}\text{N}_2\text{O}_4$

(±)-4-Benzamido-N,N-dipropylglutaramic acid.

Nulsa; W-5219; CR-242; Milid; Milide; Promid; xylamide. Cholecystokinin inhibitor, used as an anticholinergic. mp = 142-145°; LD₅₀ (mus iv) = 2211-2649 mg/kg, (mus orl) = 7350-8861 mg/kg. *Wallace Labs.*

Chelating Agents

7522 Deferiprone

30652-11-0

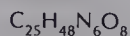
$\text{C}_7\text{H}_9\text{NO}_2$

3-Hydroxy-1,2-dimethyl-4(1H)-pyridone.

Chelating agent. Used to treat thalassemia.

7523 Deferoxamine

70-51-9 2914



N-[5-[3-[(5-Aminopentyl)hydroxycarbamoyl]propionamido]pentyl]-3-[[5-(N-hydroxyacetamido)pentyl]-carbamoyl]propionohydroxamic acid.

NSC-527604; Desferioxamine B. Chelating agent for iron.

mp = 138-140°; soluble in H₂O (1.2 g/100 ml at 20°).

Ciba-Geigy Corp.

7524 Deferoxamine Hydrochloride

1950-39-6 2914 217-767-4



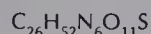
N-[5-[3-[(5-Aminopentyl)hydroxycarbamoyl]propionamido]pentyl]-3-[[5-(N-hydroxyacetamido)pentyl]carbamoyl]propionohydroxamic acid monohydrochloride.

Ba-29837. Chelating agent for iron. mp = 172-175°.

Ciba-Geigy Corp.

7525 Deferoxamine Methanesulfonate

138-14-7 2914 205-314-3

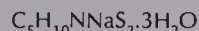


N-[5-[3-[(5-Aminopentyl)hydroxycarbamoyl]propionamido]pentyl]-3-[[5-(N-hydroxyacetamido)pentyl]carbamoyl]propionohydroxamic acid monomethanesulfonate.

Desferal mesylate; Ba-33112; DFOM; Desferal. Chelating agent for iron. mp = 148-149°; soluble in H₂O (> 20 g/100 ml). Ciba-Geigy Corp.

7526 Ditiocarb Sodium

148-18-5 3443 205-710-6



Sodium diethyldithiocarbamate.

dithiocarb; DTC; DDC; DEDC; DDTC; DeDTC; Imuthiol. Immunomodulator, chelating agent and antidote, especially for nickel and cadmium poisoning. Used to counter platinum toxicity in patients treated with cis-Platin. mp = 90-92°, 94-102°; freely soluble in H₂O, EtOH, MeOH, Me₂CO; insoluble in Et₂O, C₆H₆; λ_m = 257, 290 nm (ε 1200, 13000 H₂O); LD₅₀ (rat orl) = 2830 mg/kg, (mus orl) = 1870 mg/kg, (mus iv) > 1000 mg/kg.

7527 Edetate Calcium Disodium

62-33-9 3555 200-529-9

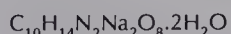


Disodium[(ethylenedinitrilo)tetraacetato]calcate(2-) hydrate.

EDTA calcium; edathamiol calcium disodium; sodium calciumedetate; Calcitetracetate Disodium; Calcium Disodium Versenate; Ledclair; Mosatil; Antallin; Sormetal; Versene CA. Complexes lead ions. Soluble in H₂O.

7528 Edetate Disodium

139-33-3 3556 205-358-3



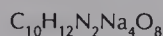
Disodium(ethylenedinitrilo)tetraacetatidihydrate.

disodium edathamil; EDTA disodium; tetracetate disodium; disodium edetate; Chelaplex III; Endrate disodium; Sequestrene NA2; sodium versenate; Titriplex III; Versene Disodium Salt. mp = 252° (dec); soluble in

H₂O; LD₅₀ (rat orl) = 2000 mg/kg. Martin Dennis.

7529 Edetate Sodium

64-02-8 3557 200-573-9

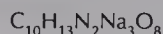


Tetrasodium(ethylenedinitrilo)tetraacetate.

EDTA tetrasodium; tetrasodium edetate; Endrate Tetrasodium; Questex; Versene; Sequestrene; Tetrine; Kalex; Trilon B; Komplexon; Nullapon; Aquamollin; Complexone; Distol 8; Irgalon; Calsol; Syntes 12a; Tylarosol; Nervanid B. mp > 300°; very soluble in H₂O, partially soluble in EtOH. Martin Dennis.

7530 Edetate Trisodium

150-38-9 3558 205-758-8



Trisodium hydrogen(ethylenedinitrilo)tetraacetate.

trisodium edetate; Limclair; Versene-9; Sequestrene NA3.

mp > 300°; very soluble in H₂O.

7531 Gluconolactone

90-80-2 4465 202-016-5



D-Gluconic acid δ-lactone.

Fujiglucon. dec 153°; [α]_D²⁰ = 61.7° (c = 1); soluble in H₂O (59 g/100 ml), EtOH (1 g/100 ml); insoluble in Et₂O.

7532 Penicillamine

52-67-5 7214 200-148-8

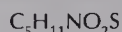


D-3-Mercaptovaline.

Depen; Cuprimine; β-Thiovaline; Cuprenil; Depamine; Mercaptyl; Pendramine; Perdolat; Sufirtan; Trolovol. Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. mp = 202-206°; [α]_D²⁵ = -63° (c = 1 C₅H₅N); LD₅₀ (rat orl) > 10000 mg/kg, (rat ip) > 660 mg/kg. Merck & Co., Inc.; Wallace Labs.

7533 Penicillamine DL-form

52-66-4 7214 200-147-2

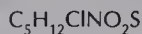


DL-3-Mercaptovaline.

Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. mp = 201° (dec); LD₅₀ (rat orl) = 365 mg/kg.

7534 Penicillamine DL-form Hydrochloride

22572-05-0 7214 245-093-0

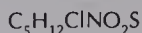


DL-3-Mercaptovaline hydrochloride.

Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. mp = 145-148°.

7535 Penicillamine Hydrochloride

2219-30-9 7214 218-727-9



3-Mercaptovaline hydrochloride.

Distamine; Metalcapase. Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. mp = 177.5° (dec); [α]_D²⁵ = -63° (1N NaOH); soluble in H₂O, EtOH; LD₅₀ (mus iv) = 2289 mg/kg.

7536 Penicillamine L-form

1113-41-3 7214 214-203-9
 $C_5H_{11}NO_2S$
 L-3-Mercaptovaline.
 Antirheumatic agent. Also used as a copper chelator in treatment of Wilson's disease. mp = 190-194°; $[\alpha]_D^{25} = 63^\circ$ (1N NaOH); LD₅₀ (rat ip) = 350 mg/kg.

7537 Pentetate Calcium Trisodium

12111-24-9 7265 235-169-1
 $C_{14}H_{18}CaN_3Na_3O_{10}$
 Trisodium [N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-glycinato(5-)]calcate(3-).
 pentacin; Calcium Chel 330; Ditridentat; Penthamil.
 Soluble in H₂O, insoluble in EtOH; LD₅₀ (rat ip) = 3800 mg/kg.

7538 Pentetic Acid

67-43-6 7266 200-652-8
 $C_{14}H_{23}N_3O_{10}$
 diethylenetriaminepentaacetic acid.
 diethylenetriamine pentaacetic acid; DTPA. *Carbide & Carbon Chem.*

7539 Succimer

304-55-2 9034 206-155-2
 $C_4H_6O_4S_2$
 Meso-2,3-dimercaptosuccinic acid.
 DMS; DMSA; Ro-1-7977; Chemet. Chelating agent used as an antidote in cases of heavy metal poisoning. mp = 192-194°; LD₅₀ (mus ip) > 3000 mg/kg. *Hoffmann-LaRoche Inc.*

7540 Trientine

112-24-3 9796 203-950-6
 $C_6H_{18}N_4$
 Triethylenetetramine.
 trien; TETA; TECZA. Chelating agent used in treatment of Wilson's disease. mp = 12°, bp = 266-267°; $d_4^{15} = 0.9817$; soluble in H₂O, EtOH; LD₅₀ (rat orl) = 2500 mg/kg. *Merck & Co., Inc.*

7541 Trientine Dihydrochloride

38260-01-4 9796 253-854-3
 $C_6H_{20}Cl_2N_4$
 Triethylenetetramine dihydrochloride.
 Cuprid; Syprine. Chelating agent used in treatment of Wilson's disease. mp = 115-118°. *Merck & Co., Inc.*

7542 Zinc Acetate, Basic

82279-57-0
 $C_{12}H_{18}O_{13}Zn_4$
 Hexakis(μ-acetato)-μ4-oxotetrazinc.
 For treatment and prophylaxis of hepatic copper toxicosis; for maintenance therapy in patients initially treated with a chelating agent. Formerly used as an emetic.

Cholelitholytic Agents**7543 Chenodiol**

474-25-9 2096 207-481-8
 $C_{26}H_{40}O_4$
 3α,7α-Dihydroxy-5β-cholan-24-oic acid.

Chenix; CDC; Chendol; Chenocedon; Chenocol; Chenodex; Chenofalk; Chenossil; Chenosäure; Cholanorm; Fluibil; Hekbilin; Kebilis; Ulmenide.
 Anticholelithogenic. mp = 119°; $[\alpha]_D^{20} = 11.5^\circ$ (dioxane); soluble in MeOH, EtOH; Me₂CO, AcOH, Et₂O, EtOAc; insoluble in H₂O, C₆H₆, petroleum ether; [diformate (C₂₅H₄₀O₆)]: mp = 172°; [methyl ester (C₂₅H₄₂O₄)]: mp = 90-91°; $[\alpha]_D^{25} = 20^\circ$. *Solvay Pharmaceuticals; C.M. Industries.*

7544 Cicloxilic Acid

57808-63-6
 $C_{13}H_{16}O_3$
 cis-2-Hydroxy-2-phenylcyclopentaneacetate.
 Affects bile flow and lipid composition.

7545 Methyl tert-Butyl Ether

1634-04-4 6111 216-653-1
 $C_5H_{12}O$
 2-Methoxy-2-methylpropane.
 MTBE. Anticholelithogenic. Used therapeutically to dissolve cholesterol calculi. mp = -109°; bp = 55.2°; $d_4^{20} = 0.7404$; soluble in H₂O (4.8 g/100 ml); LC₅₀ (mus 15 min) = 140.8 mg/l of atmosphere. *Research Corp.*

7546 Monoctanoin

502-54-5 6335
 $C_{11}H_{22}O_4$
 Glycerol 1-octanoate.
 octanoic acid 2,3-dihydroxypropyl ester; caprylic acid α-monoglyceride; α-monocaprylin. Anticholelithogenic. mp = 39.5-40.5°. *Stokely-Van Camp.*

7547 Ursodiol

128-13-2 10026 204-879-3
 $C_{24}H_{40}O_4$
 3α,7β-Dihydroxy-5β-cholan-24-oic acid.
 ursodeoxycholic acid; Actigall; Arsacol; Cholit-Ursan; Delursan; Desol; Destolit; Deursil; Litursol; Lyeton; Paptarom; Solutrat; Urdes; Ursacol; Urso; Ursobilin; Ursochol; Ursodamor; Ursofalk; Ursolvan.
 Anticholelithogenic. mp = 203°; $[\alpha]_D^{20} = 57^\circ$ (c = 2 EtOH); freely soluble in EtOH, AcOH; soluble in CHCl₃, Et₂O; insoluble in H₂O; LD₅₀ (mus iv) = 100 mg/kg, 260 mg/kg, (mus sc = 6000 mg/kg, (mus ip) = 1200 mg/kg, (rat sc) = 2000 mg/kg, (rat ip) = 1000 mg/kg, (rat iv) = 310 mg/kg; [Diformate (C₂₆H₄₀O₆)]: mp = 170°; [diacetate (C₂₈H₄₄O₆)]: mp = 98-102°. *Ciba-Geigy Corp.; C.M. Industries.*

7548 Ursulcholic Acid

88426-32-8
 $C_{24}H_{40}O_{10}S_2$
 α,7β-Dihydroxy-5β-cholan-24-oic acid bis(hydrogen sulfate).
 Soluble form of ursodeoxycholic acid.
 Anticholelithogenic.

Choleretics

7549 Alibendol

26750-81-2 243 247-960-9
 $C_{13}H_{17}NO_4$
 5-Allyl-N-(2-hydroxyethyl)-3-methoxysalicylamide.
 EB-1856; FC-54; H-3774; Cebera. Choleretic and
 antispasmodic. mp = 95°; λ_m = 316, 218 nm (EtOH); LD₅₀
 (mmus orl) > 3000 mg/kg, (mmus sc) > 2000 mg/kg,
 (mmus iv) = 217 mg/kg. *Roussel-UCLAF*.

7550 Anethole Trithione

532-11-6 683 208-528-5
 $C_{10}H_7OS_2$
 5-(p-Methoxyphenyl)-3H-1,2-dithiole-3-thione.
 trithioanethole; Heporal; Mucinol; Trithio; Sulfralem;
 Tiotrifar; Felviten; Sulfogal; Sulfarlem. Choleretic. mp =
 111°; insoluble in H₂O; soluble in C₅H₅N; CHCl₃, C₆H₆,
 dioxane; CS₂; slightly soluble in Et₂O, Me₂CO, EtOAc,
 AcOH, EtOH, petroleum ether; [oxime (C₁₀H₉NO₂S₂)]:
 mp = 170°; soluble in dioxane; [methiodide]: mp = 189°.

7551 Azintamide

1830-32-6 945 217-384-2
 $C_{10}H_{14}ClN_3OS$
 2-[(6-Chloro-3-pyridazinyl)thio]-N,N-diethylacetamide.
 ST-9067; Oragallin. Choleretic. mp = 97-98°; freely
 soluble in EtOAc, CHCl₃, C₆H₆, Me₂CO; soluble in H₂O
 (0.5 g/100 ml); λ_m = 316, 306, 258 nm (ϵ 14040, 14920,
 14210 EtOH); LD₅₀ (mus orl) = 2340 mg/kg, (rat orl) =
 1550 mg/kg. *Lentia*.

7552 Cholic Acid

81-25-4 2258 201-337-8
 $C_{24}H_{40}O_5$
 3 α ,7 α ,12 α -Trihydroxy-5 β -cholan-24-oic acid.
 cholalic acid; Colalin. Choleretic. mp = 198°; [α]_D²⁰ = 37°
 (c = 0.6 EtOH); soluble in H₂O (0.028 g/100 ml), EtOH
 (3.1 g/100 ml), Et₂O (0.12 g/100 ml), CHCl₃ (0.51 g/100
 ml), C₆H₆ (0.03 g/100 ml), Me₂CO (2.8 g/100 ml), AcOH
 (15.2 g/100 ml); [methyl ester (C₂₅H₄₂O₅)]: mp = 155-
 156°; [ethyl ester (C₂₆H₄₄O₅)]: mp = 162-163°; [sodium
 salt (C₂₄H₃₉NaO₅)]: soluble in H₂O (> 56/9 g/100 ml).

7553 Cicrotoic Acid

25229-42-9 2327 246-739-4
 $C_{10}H_{16}O_2$
 β -Methylcyclohexanecarboxylic acid.
 AD-106; Accroibile. Choleretic. mp = 85-86°; λ_m 219 nm
 (ϵ 12000); LD₅₀ (mus orl) = 1925 mg/kg, (rat orl) = 2900
 mg/kg. *Soc. Chim. Org. Biol*.

7554 Clanobutin

30544-61-7 2398 250-232-3
 $C_{18}H_{18}ClNO_4$
 4-[p-Chloro-N-(p-methoxyphenyl)benzamido]butyric
 acid.
 Bykahepar. Choleretic. mp = 115-116°; soluble in H₂O
 (1.39 g/100 ml at pH 7); LD₅₀ (rat orl) > 2000 mg/kg, (rat
 iv) = 570 mg/kg. *Byk Gulden*.

7555 Cyclobutylol

512-16-3 2784 208-138-5
 $C_{10}H_{18}O_3$
 α -Ethyl-1-hydroxycyclohexanecarboxylic acid.
 Choleretic. mp = 81-82°; bp₂₄ = 164°, bp₁₆ = 167-170°;
 slightly soluble in H₂O, petroleum ether; very soluble in
 EtOH, Me₂CO, dioxane, CHCl₃, Et₂O. *Lab. Jacques*
Logeais.

7556 Cyclobutylol Sodium Salt

1130-23-0 2784 214-458-6
 $C_{10}H_{17}NaO_3$
 Sodium α -ethyl-1-hydroxycyclohexanecarboxylate.
 Bilimix; Bis-Bil; Colepan; Dimene; Epa-Bon; Hebutol;
 Maricolene; Yachicol; Tri-Bil; Tribilina. Choleretic. mp =
 299-300°. *Lab. Jacques Logeais*.

7557 Cyclovalone

579-23-7 2823 209-438-9
 $C_{22}H_{22}O_5$
 2,6-Divanillylidene-cyclohexanone.
 Beveno; Divanil; DVC. Choleretic. mp = 178-179°;
 soluble in H₂O, EtOH. *Chem.-Pharm. Fabrik, Waldheim*.

7558 Cynarine

30964-13-7 2835
 $C_{25}H_{24}O_{12}$
 1-Carboxy-4,5-dihydroxy-1,3-cyclohexylene-3,4-
 dihydroxycinnamate.
 Cynarin; Cinarine; Lisrocol; Plemocil. Active principle of
 artichoke. Choleretic. mp = 225-227°; [α]_D²⁵ = -59° (c = 2
 MeOH); λ_m 326 nm (ϵ 1^{1%} 616 MeOH); soluble in H₂O,
 AcOH, EtOH, MeOH. *Farmitalia*.

7559 Dehydrocholic Acid

81-23-2 2922 201-335-7
 $C_{24}H_{34}O_5$
 3,7,12-Trioxo-24-cholanic acid.
 Acolen; Bilidren; Bilostat; Cholan-DH; Cholagon;
 Cholepatin; Chologon; Decholin; Dehychol;
 Deidrocolico Vita; Didrocolo; Ereble; Felacrinol;
 Procholon. Choleretic. mp = 237°; [α]_D²⁰ = 26° (c = 1.4
 EtOH); soluble in H₂O (0.02 g/100 ml), EtOH (0.33 g/100
 ml), Et₂O (0.05 g/100 ml); CHCl₃ (0.94 g/100 ml), C₆H₆
 (0.1 g/100 ml), Me₂CO (0.78 g/100 ml), EtOAc (0.74
 g/100 ml), AcOH (0.74 g/100 ml). *Merck & Co., Inc.*

7560 Dehydrocholic Acid Sodium Salt

145-41-5 2922 205-652-1
 $C_{24}H_{33}NaO_5$
 Sodium 3,7,12-trihydroxy-5 β -cholan-24-oate.
 Carachol; Dycholium; Suprachol. Choleretic. Very
 soluble in H₂O. *Merck & Co., Inc.*

7561 Deoxycholic Acid

83-44-3 2946 201-478-5
 $C_{24}H_{40}O_4$
 3 α ,12 α -Dihydroxy-5 β -cholan-24-oic acid.
 desoxycholic acid. Choleretic. mp = 176-178°; [α]_D²⁰ = 55°
 (EtOH); soluble in H₂O (0.0-24 g/100 ml at 15°), EtOH
 (22.1 g/100 ml), Et₂O (0.12 g/100 ml), CHCl₃ (0.29 g/100
 ml), C₆H₆ (0.012 g/100 ml), Me₂CO (1.05 g/100 ml),

AcOH (0.91 g/100 ml); [sodium salt ($C_{24}H_{39}NaO_4$, sodium deoxycholate)]: soluble in H_2O (> 33.3 g/100 ml at 15°). *Armour Pharmaceuticals*.

7562 Dimecrotic Acid

7706-67-4 3248

$C_{12}H_{14}O_4$
2,4-Dimethoxy- β -methylcinnamic acid.
Choleretic. mp = 149°. *Unicler*.

7563 Dimecrotic Acid Magnesium Salt

54283-65-7 3248

$C_{24}H_{26}MgO_8$
Magnesium 2,4-dimethoxy- β -methylcinnamate.
Visobil; Hepadial. Choleretic. mp = 135°; LD₅₀ (mus ip) = 1.3 mg/kg, (rat ip) = 1.0 mg/kg. *Unicler*.

7564 α -Ethylbenzyl Alcohol

93-54-9 3816 202-256-0

$C_9H_{12}O$
 α -Ethylbenzenemethanol.
SH-261; Ejibil; Livonal; Phenycholon; Phenicol; Phenychol; Felicur; Felitrope. Choleretic. bp = 219°, bp₁₅:Lks = 107°, bp₃ = 78°; d_4^{25} = 0.9915; λ_m = 250, 260 nm (ϵ 173, 114); soluble in MeOH, EtOH, Et₂O, C₆H₆, C₇H₈; LD₅₀ (rat orl) = 1580 mg/kg.

7565 Exiproben

26281-69-6 3959

$C_{16}H_{24}O_5$
 α -[3-(Hexyloxy)-2-hydroxypropoxy]benzoic acid.
Choleretic. *Boehringer Ingelheim GmbH*.

7566 Exiproben Sodium salt

3478-44-2 3959 222-454-0

$C_{16}H_{23}NaO_5$
Sodium α -[3-(hexyloxy)-2-hydroxypropoxy]benzoate.
DCH-21; Etopaline. Choleretic. mp = 147°. *Boehringer Ingelheim GmbH*.

7567 Febuprol

3102-00-9 3985 221-454-8

$C_{13}H_{20}O_3$
1-Butoxy-3-phenoxy-2-propanol.
H-33; K-10033; Valbil; Valbilan. Choleretic. bp₁₁ = 165°, bp_{1,0} = 125-132°; d_4^{20} = 1.027; LD₅₀ (mus orl) = 3050 mg/kg, (mus ip) = 436 mg/kg, (rat orl) = 2370 mg/kg, (rat ip) = 400 mg/kg. *Klinge Pharma GmbH*.

7568 Fencibutirol

5977-10-6 4009 227-773-9

$C_{16}H_{22}O_3$
($\pm$)- α -Ethyl-1-hydroxy-4-phenylcyclohexanecarboxylic acid.
Verecolene; MG-4833; Biligen; Hepasil. Choleretic. mp = 157°. *Maggioni Farmaceutici S.p.A.*

7569 Fenipentol

583-03-9 4016 209-493-9

$C_{11}H_{16}O$
 α -Butylbenzyl alcohol.
PC 1; Ph BC; Pancoral. Choleretic. bp₁₂ = 123-124°; insoluble in H_2O , soluble in organic solvents; LD₅₀ (mus

ip) = 1030 mg/kg, (mus orl) = 3100 mg/kg. *Thomae*.

7570 Florantyrone

† 519-95-9 4143 208-279-2

$C_{20}H_{14}O_3$
 σ -Oxo-8-fluoranthenebutyric acid.
Kanchol. Choleretic. mp = 208°; soluble in MeOH, EtOH, NaHCO₃ solution. *Miles; Searle, G.D., & Co.*

7571 Hymecromone

90-33-5 4903 201-986-7

$C_{10}H_8O_3$
7-Hydroxy-4-methyl-2H-1-benzopyran-2-one.
4-methylumbelliferone; imecromone; 4-MU; Bilcolic; Biliton H; Cantabilin; Cantabiline; Cholonerton; Cholspasmin; Cumarote C; Himecol; Medilla; Mendiixon. Antispasmodic and choleretic. mp = 185-186°, 194-195°; λ_m = 221, 251, 322.5 nm (MeOH); soluble in MeOH, AcOH; slightly soluble in Et₂O, CHCl₃, insoluble in cold H_2O . *Bayer Corp., Industrial Chemicals Div.*

7572 Hymecromone**O,O-Diethylphosphorothioate**

299-45-6 4903

$C_{14}H_{17}O_5PS$
7-Hydroxy-4-methyl-2H-1-benzopyran-2-one
O,O-diethyl phosphorothioate.
E-838; Potasan. Antispasmodic and choleretic. Acts as a cholinesterase inhibitor (cf. Parathion) and is used as an insecticide, especially effective against the Colorado beetle. mp = 38°; bp_{1,0} = 210° (dec); d_4^{38} = 1.260; sparingly soluble in H_2O , slightly soluble in petroleum ether, soluble in most other organic solvents; LD₅₀ (rat ip) = 15 mg/kg. *Bayer Corp., Industrial Chemicals Div.*

7573 Menbutone

3562-99-0 5878 222-631-2

$C_{15}H_{14}O_4$
3-(4-Methoxy-1-naphthoyl)propionic acid.
Ictéryl. Choleretic. mp = 172-173°. *Searle, G.D., & Co.*

7574 Menbutone Magnesium Salt

16643-66-6 5878 240-690-2

$C_{30}H_{26}MgO_8$
Magnesium 3-(4-methoxy-1-naphthoyl)propionate.
Hepalande. Choleretic. *Searle, G.D., & Co.*

7575 3-(o-Methoxyphenyl)-2-phenylacrylic Acid

25333-25-9 6078 246-856-0

$C_{16}H_{14}O_3$
 α -[(2-Methoxyphenyl)methylene]benzeneacetic acid.
Choleretic. [trans-form]: mp = 184°; [cis-form]: mp = 131.5°.

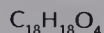
7576 3-(o-Methoxyphenyl)-2-phenylacrylic Acid Magnesium Salt

14222-61-8 6078

$C_{32}H_{26}MgO_6$
Magnesium α -[(2-methoxyphenyl)methylene]-benzeneacetate.
AN-1022; Bilcrine. Choleretic.

7577 Metochalcone

18493-30-6 6225 242-377-6

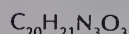


2',4,4'-Trimethoxychalcone.

CB-1314; Lesidrin; Vesidril; Vesidryl. Choleretic and diuretic. mp = 97°.

7578 Moquizone

19395-58-5 6347 243-021-2

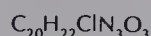


2,3-Dihydro-1-(morpholinoacetyl)-3-phenyl-4(1H)-quinazolinone.

Rec-14-0127. Choleretic. mp = 135-137°, 128-130°. Seceph.

7579 Moquizone Hydrochloride

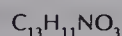
19395-78-9 6347 243-022-8



2,3-Dihydro-1-(morpholinoacetyl)-3-phenyl-4(1H)-quinazolinone hydrochloride.

Peristil. Choleretic. mp = 210-214°; soluble in H₂O (12.2 g/100 ml at 25°); LD₅₀ mus orl = 1155 mg/kg, (mus iv) = 237 mg/kg, (rat orl) = 2135 mg/kg, (rat iv) = 146 mg/kg. Seceph.**7580 Osalmid**

526-18-1 7018 208-385-9



4'-Hydroxysalicylanilide.

oksafenamide; oxaphenamide; Driol; Jestmin; Kanochol; Saryuurin; Yoshicol. Choleretic. mp = 179°; insoluble in cold H₂O, AcOH; slightly soluble in warm H₂O, C₆H₆, C₇H₈; freely soluble in MeOH, EtOH, Me₂CO, Et₂O; [diacetate (C₁₇H₁₅NO₃)]: mp = 151°.**7581 Ox Bile Extract**

7062

Sodium cholate.

Purified oxgall; oxgall; Bi-Ketolan; Bilein; Bilicholan; Cholatol; Crescefel; Desicol; Doxychol; Glycotauro; Panoxolin; Plebilin. Salts of, primarily, glycocholic and taurocholic acids; also contains cholesterol, lecithin, glyocol an derivatives of choline. Choleretic. Very soluble in H₂O, EtOH.**7582 4,4'-Oxydi-2-butanol**

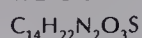
821-33-0 7094 212-475-3



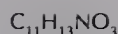
3,3'-Dihydroxydiethyl ether.

DHBE; Diskin; Dyskinébyl; Dis-Cinil; Colenormol. Choleretic and antispasmodic. Soluble in H₂O.**7583 Piprozolin**

17243-64-0 7639 241-280-6

Ethyl 3-ethyl-4-oxo-5-piperidino-Δ^{2,α}-thiazolidineacetate. W-3699; Gö-919; Coleflux; Epsyl; Probin; Secebil. Choleretic. mp = 86-87°; insoluble in H₂O, soluble in dilute acids and most organic solvents; λ_m = 245, 285 nm (ε 8200 20000 MeOH); LD₅₀ (mus orl) = 1070 mg/kg, (rat orl) = 3256 mg/kg. Warner Lambert.**7584 4-Salicoylmorpholine**

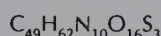
3202-84-4 8485



4-(2-Hydroxybenzoyl)morpholine.

L-1102; Tardisal. Choleretic. mp = 175°; soluble in H₂O (0.41 g/100 ml), EtOH (3.3 g/100 ml), Et₂O (0.22 g/100 ml). Dow Chemical U.S.A.**7585 Sincalide**

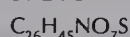
25126-32-3 8689 246-639-0



L-Aspartyl-L-tyrosyl-L-methionylglycyl-L-tryptophyl-L-methionyl-L-aspartylphenyl-L-alaninamide hydrogen sulfate (ester).

Asp-Tyr(SO₃H)-Met-Gly-Trp-Met-Asp-Phe-NH₂; Kinevac; SQ-19844. Choleretic. [α]_D²³ = -18.4° (c = 0.7 in 1N NH₄OH); λ_m = 280 288 nm (ε 4850 4230 0.1N NaOH). Bristol-Myers Squibb Co.; Squibb, E.R. & Sons.**7586 Taurocholic Acid**

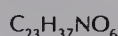
81-24-3 9242 201-336-2



2-[[[(3α,7α,12α-Trihydroxy-24-oxo-5β-cholan-24-yl)amino]ethanesulfonic acid.

cholaic acid; cholytaurine; N-cholytaurine. Choleretic. dec 125°; [α]_D¹⁸ = 38.8° (c = 2 EtOH); freely soluble in H₂O; soluble in EtOH; insoluble in Et₂O, EtOAc; LD₅₀ (rat orl) = 380 mg/kg; [sodium salt (C₂₆H₄₄NNaO₇S)]: dec 230°; [α]_D²⁰ = 24° (c = 3); freely soluble in H₂O, EtOH; [barium salt (C₅₂H₈₈BaN₂O₁₄S₂)]: dec 225-227°; [α]_D²⁰ = 25.6°.**7587 Tocamphyl**

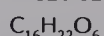
5634-42-4 9630 227-081-7



1-(p,α-Dimethylbenzyl)camphorate compound with 2,2'-iminodiethanol (1:1).

Biliphorine; Hepatoxane; Syncuma. Choleretic. Soluble in H₂O. Chemiewerk Homburg.**7588 Trepibutone**

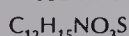
41826-92-0 9718



3-(2,4,5-Triethoxybenzoyl)propionic acid.

AA-149; Supacal. Choleretic. mp = 150-151°; LD₅₀ (mmus orl) = 1340 mg/kg, (mmus ip) = 530 mg/kg, (mrat orl) = 2450 mg/kg, (mrat ip) = 410 mg/kg. Takeda.**7589 Vanitiolide**

17692-71-6 10071 241-690-5

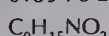


4-(Thiovanilloyl)morpholine.

Bildux. Choleretic.

Cholinergics**7590 Aceclidine**

6109-70-2 8266 228-071-5

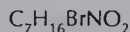


dl-1-Azabicyclo[2.2.2]octan-3-ol acetate (ester).

dl-3-quinuclidinol acetate; 3-acetoxyquinuclidine; 3-quinuclidinyl acetate. Cholinergic agent. bp_{0.4} = 73-74°, bp₁₁ = 113-115°. Hoffmann-LaRoche Inc.

7591 Acetylcholine Bromide

66-23-9 87 200-622-4



2-Acetyloxy-N,N,N-trimethylethanaminium bromide.
Pragmoline; Tonocholin B. Cholinergic agent. Very soluble in cold H_2O , decomposed by hot H_2O , soluble in EtOH, insoluble in Et_2O .

7592 Acetylcholine Chloride

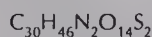
60-31-1 88 200-468-8



2-Acetyloxy-N,N,N-trimethylethanaminium chloride.
Acecoline; Arterocoline; Miochol; Ovisot. Cholinergic agent. mp = 149-152°; very soluble in cold H_2O , decomposed by hot H_2O , soluble in EtOH, insoluble in Et_2O ; LD₅₀ (rat sc) = 250 mg/kg.

7593 Aclatonium Napadisilate

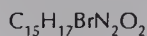
55077-30-0 116



2-[2-(Acetyloxy)-1-oxopropoxyl]-N,N,N-trimethylethanaminium 1,5-naphthalenedisulfonate (2:1).
TM-723; Abovis. Cholinergic agent. mp = 189-191°; LD₅₀ (mus orl) = 15000 mg/kg; (mus sc) = 820 mg/kg, (dog orl) > 10000 mg/kg. *Toyama*.

7594 Benzpyrinium Bromide

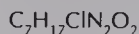
587-46-2 1153



1-Benzyl-3-hydroxypyridinium bromide dimethylcarbamate.
benzstigminum bromidum; Stigmenene bromide; Stigmonene bromide. Cholinergic agent. mp = 114-115°; freely soluble in H_2O , EtOH; insoluble in Et_2O , λ_m = 269 nm ($E_{1\%}^{1\text{cm}}$ = 136). *Warner Lambert*.

7595 Bethanechol Chloride

590-63-6 1232 209-686-8



(2-Hydroxypropyl)trimethylammonium chloride carbamate.
Myotonachol; Urecholine; Mechothane; Myocholine; Mictone; Myotonine chloride; Uro-Carb. Cholinergic agent. mp = 218-219° (dec); soluble in H_2O (166.6 g/100 ml), EtOH (8.0 g/100 ml). *Glenwood Inc.*; *Merck & Co., Inc.*

7596 Carbachol

51-83-2 1823 200-127-3



2-[(Aminocarbonyl)oxy]-N,N,N-trimethylethanaminium chloride.
choline chloride carbamate; Carbastat Intraocular; Isopto Carbachol; Miostat; Carcholin; Moryl; Doryl; Coletyl; Lentin. Cholinergic agent. Also has miotic properties. mp = 200-203°, 204-205°, 210-212°; soluble in H_2O (100 g/100 ml), MeOH (10 g/100 ml); insoluble in $CHCl_3$, Et_2O ; LD₅₀ (mus orl) = 15 mg/kg, (mus iv) = 0.3 mg/kg. *Ciba Vision Ophthalmics*; *Alcon Labs*.

7597 Carpronium Chloride

13254-33-6 1913 236-243-6



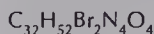
(3-Carboxypropyl)trimethylammonium chloride methyl

ester.

Actinomim; Furozin. Cholinergic agent. mp = 126°, very soluble in H_2O , MeOH, EtOH; soluble in Me_2CO ; insoluble in Et_2O .

7598 Demecarium Bromide

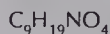
56-94-0 2936 200-301-9



(m-Hydroxyphenyl)trimethylammonium bromide decamethylenebis[methylcarbamate] (2:1).
Humorsol; BC-48; Tosmilen. Cholinergic agent (ophthalmic). mp = 162-167° (dec); freely soluble in H_2O , EtOH; less soluble in Me_2CO ; insoluble in Et_2O . *Merck & Co., Inc.*

7599 Dexpanthenol

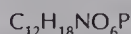
81-13-0 2988 201-327-3



D-(+)-2,4-Dihydroxy-N-(3-hydroxypropyl)-3,3-dimethylbutyramide.
D-Panthenol 50; Ilopan; Motilyn; pantothenol; pantothenyl alcohol; Alcopan-250; Intrapan; Pantenyl; Panthoderm; Bepanthen; Cozyme; Urupan; component of: Ilopan-Choline. Cholinergic agent. The dl form is used as a vitamin. bp_{0.02} = 118-120°; d_{20}^{20} = 1.2; $[\alpha]_D^{20}$ = 29.5° (c = 5); freely soluble in H_2O , EtOH, MeOH; slightly soluble in Et_2O . *Hoffmann-La Roche Inc.*; *BASF Corp*; *Abbott Labs.*; *Savage Labs*.

7600 Diisopropyl Paraoxon

3254-66-8 3242



Bis(1-methylethyl) phosphoric acid 4-nitrophenyl ester.
Miopticol; Propicol. Cholinergic agent (ophthalmic). *Albright & Wilson*.

7601 Echothiophate Iodide

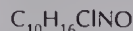
513-10-0 3549 208-152-1



(2-Mercaptoethyl)trimethylammonium iodide S-ester with O,O-diethyl phosphorothioate.
Phospholine iodide; 217-MI; echothiophate iodide. Cholinergic agent (ophthalmic). mp = 138°, 124-124.5°; soluble in H_2O , EtOH, $CHCl_3$. *Wyeth-Ayerst Labs*.

7602 Edrophonium Chloride

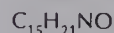
116-38-1 3562 204-138-4



Ethyl(m-hydroxyphenyl)dimethylammonium chloride.
Antirex; Enlon; Reversol; Tensilon; component of: Enlon Plus. Cholinergic agent. Curare antidote mp = 162-163°; soluble in H_2O , EtOH; insoluble in $CHCl_3$, Et_2O . *Anaquest*; *Organon Inc.*; *ICN Pharmaceuticals, Inc.*

7603 Eptastigmine

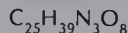
101246-68-8 3672



(3a*S*-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl heptylcarbamate ester.
N-demethyl-N-heptylphysostigmine; heptylstigmine. Cholinergic agent. mp = 60-64°, 58-62°; λ_m = 303, 253 nm (ϵ 3300 14200 MeOH). *Consiglio Naz. Ricerche*.

7604 Eptastigmine Tartrate

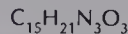
121652-76-4 3672



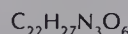
(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl heptylcarbamic acid ester tartrate (salt).

MF-201. Cholinergic agent. mp = 122-123°; soluble in H₂O (70 g/100 ml); LD₅₀ (mus ip) = 35 mg/kg. *Consiglio Naz. Ricerche*.**7605 Eseridine**

25573-43-7 3740 247-111-2

(4aS,9aS)-2,3,4,4a,9,9a-Hexahydro-2,4a,9-trimethyl-1,2-oxazino[6,5-b]indol-6-ylmethylcarbamate. physostigmine aminoxide; eserine aminoxide; eserine oxide. Cholinergic agent. mp = 129°; $[\alpha]_D^{15} = -175^\circ$ (EtOH); soluble in EtOH, CHCl₃, C₆H₆, Et₂O, petroleum ether; Me₂CO, dilute acids; insoluble in H₂O.**7606 Eseridine Salicylate**

5995-96-0 3740 227-835-5



(4aS,9aS)-2,3,4,4a,9,9a-Hexahydro-2,4a,9-trimethyl-1,2-oxazino[6,5-b]indol-6-ylmethylcarbamate salicylate. Geneserine 3. Cholinergic agent.

7607 Furtrethonium

7618-86-2 4334

N,N,N-Trimethyl-2-furanmethanaminium. furfuryltrimethylammonium; furtrimethonium; Furmethide. Cholinergic agent. The iodide is used as a sympathomimetic. [benzenesulfonate]: mp = 134-135°; soluble in H₂O, EtOH. *SmithKline Beecham Pharmaceuticals*.**7608 Furtrethonium Iodide**

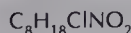
541-64-0 4334 208-789-5

N,N,N-Trimethyl-2-furanmethanaminium iodide. Furamon; Furanol. Cholinergic agent, also used as a sympathomimetic. mp = 116-117°, 118-120°; soluble in H₂O, EtOH; insoluble in C₆H₆. *SmithKline Beecham Pharmaceuticals*.**7609 Isofluorophate**

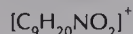
55-91-4 5192 200-247-6

Diisopropyl fluorophosphonate. Floropryl; fluostigmine; isofluorophate; DFP; Diflupyl; Dyflos; Fluoropryl. Cholinergic agent (ophthalmic). d = 1.055; mp = -82°; bp₅ = 46°, bp₉ = 62°, bp₇₆₀ = 183° (calc.); soluble in H₂O (154 g/100 ml); LD₅₀ (mus sc) = 3.71 mg/kg, (mus orl) = 36.8 mg/kg. *Merck & Co., Inc.***7610 Methacholine Chloride**

62-51-1 6003 200-537-2

(2-Hydroxypropyl)trimethylammonium chloride acetate. Provocholine; Amechol. Cholinergic agent. Also a parasympathomimetic bronchoconstrictor used as a diagnostic aid in cases of suspected bronchial asthma. mp = 172-173°; freely soluble in H₂O, EtOH, CHCl₃;insoluble in Et₂O. *Hoffmann-LaRoche Inc.***7611 Muscarine**

300-54-9 6389 206-094-1

[2S-(2 α ,4 β ,5 α)]-Tetrahydro-4-hydroxy-N,N,N,5-tetramethyl-2-furanmethanaminium.Cholinergic agent. [chloride]: mp = 180-181°; $[\alpha]_D^{25} = 8.1^\circ$ (c = 3.5 EtOH); soluble in H₂O, EtOH; less soluble in Et₂O, CHCl₃, Me₂CO; LD₅₀ (mus iv) = 0.23 mg/kg.**7612 Neostigmine**

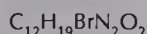
59-99-4 6553



3-[[[(Dimethylamino)carbonyl]oxy]-N,N,N-trimethylbenzenaminium.

synstigmin; proserine. Cholinergic agent. Also a miotic and used as an antidote for curare poisoning. *Hoffmann-LaRoche Inc.***7613 Neostigmine Bromide**

114-80-7 6553 204-054-8



3-[[[(Dimethylamino)carbonyl]oxy]-N,N,N-trimethylbenzenaminium bromide.

Juvastigmin (tabl.); Neoesserin; Neostigmin (tabl.); Normastigmin (tabl.); Prostigmin. Cholinergic agent. Also a miotic and used as an antidote for curare poisoning. mp = 167° (dec); soluble in H₂O (100 g/100 ml), soluble in EtOH. *Hoffmann-LaRoche Inc.***7614 Neostigmine Methylsulfate**

51-60-5 6553 200-109-5



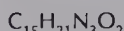
3-[[[(Dimethylamino)carbonyl]oxy]-N,N,N-trimethylbenzenaminium methyl sulfate.

Intrastigmina; Juvastigmin (amp.); Metastigmin; Neostigmin (inj.); Normastigmin (amp.); Prostigmin (amp.); Stiglyn. Cholinergic agent. Also a miotic and used as an antidote for curare poisoning. mp = 142-145°; soluble in H₂O (10 g/100 ml), less soluble in EtOH; LD₅₀ (mus iv) = 0.16 mg/kg, (mus sc) = 0.42 mg/kg, (mus orl) = 7.5 mg/kg. *Hoffmann-LaRoche Inc.***7615 Oxapropanium Iodide**

541-66-2 7056

(1,3-Dioxolan-4-ylmethyl)trimethylammonium iodide. vasodilatateur 2249-F; 2249-F; Dilvasene. Cholinergic agent. mp = 158-160°; soluble in H₂O, EtOH (40 g/100 ml) at 76°; sparingly soluble in cold EtOH, Et₂O, CHCl₃, C₆H₆; [free base]; bp₂₁ = 68°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.***7616 Physostigmine**

57-47-6 7540 200-332-8



(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-ol methylcarbamate (ester).

Cogmine; Eserine. Cholinergic agent (cholinesterase inhibitor). Also a miotic. mp = 105-106°; $[\alpha]_D^{17} = -76^\circ$ (c = 1.3 CHCl₃), $[\alpha]_D^{25} = -120^\circ$ (C₆H₆); soluble in EtOH, C₆H₆, CHCl₃; slightly soluble in H₂O; LD₅₀ (mus orl) = 4.5

mg/kg.

7617 Physostigmine Salicylate

57-64-7 7540 200-343-8

$C_{22}H_{27}N_3O_5$
(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-ol methylcarbamate (ester) salicylate.

Antilirium; Isopto Eserine. Cholinergic agent (cholinesterase inhibitor). Also a miotic. mp = 185-187°; λ_m = 239, 252, 303 nm (log ϵ 4.09, 4.04, 3.78 MeOH); soluble in H_2O (1.33 g/100 ml at 25°, 6.25 g/100 ml at 80°), EtOH (6.25 g/100 ml at 25°, 20 g/100 ml at 76°), $CHCl_3$ (16.6 g/100 ml), Et_2O (0.4 g/100 ml); LD₅₀ (mus ip) = 0.64 mg/kg. Forest Pharmaceuticals Inc.; Alcon Labs.

7618 Physostigmine Sulfate

64-47-1 7540 200-585-4

$C_{30}H_{44}N_6O_8S$
(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-ol methylcarbamate (ester) sulfate.

Eserine sulfate. Cholinergic agent (cholinesterase inhibitor). Also a miotic. mp = 140°; soluble in EtOH (250 g/100 ml), H_2O (25 g/100 ml), Et_2O (0.83 g/100 ml). Ciba Vision Ophthalmics.

7619 Quilostigmine

139314-01-5

$C_{23}H_{27}N_3O_2$
(3aS,8aR)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl 3,4-dihydro-2(1H)-isoquinolinecarboxylate.
HP-290; NXX-066. Cholinergic agent. Hoechst Marion Roussel Inc.

7620 Troxypyrrolium Tosilate

3612-98-4

$C_{25}H_{35}NO_8S$
1-Ethyl-1-(2-hydroxyethyl)pyrrolidinium p-toluenesulfonate 3,4,5-trimethoxybenzoate.
Choline uptake inhibitor.

7621 Xanomeline

131986-45-3 10190

$C_{14}H_{23}N_3OS$
3-[4-(Hexyloxy)-1,2,5-thiadiazol-3-yl]-1,2,5,6-tetrahydro-1-methylpyridine.

Cholinergic agent. Selective muscarinic M_1 -receptor agonist. Novo Nordisk Pharmaceuticals Inc.

7622 Xanomeline Oxalate

141064-23-5 10190

$C_{16}H_{25}N_3O_5S$
3-[4-(Hexyloxy)-1,2,5-thiadiazol-3-yl]-1,2,5,6-tetrahydro-1-methylpyridine oxalate.

Cholinergic agent. Selective muscarinic M_1 -receptor agonist. mp = 148°. Novo Nordisk Pharmaceuticals Inc.

7623 Xanomeline Tartrate

152854-19-8 10190

$C_{18}H_{29}N_3O_7S$
3-[4-(Hexyloxy)-1,2,5-thiadiazol-3-yl]-1,2,5,6-tetrahydro-1-methylpyridine tartrate.
LY-246708; NNC-11-0232; Lomeron; Memcor.

Cholinergic agent. Selective muscarinic M_1 -receptor agonist. mp = 95.5°. Novo Nordisk Pharmaceuticals Inc.

Cholinesterase Inhibitors

7624 Ambenonium Chloride

115-79-7 396 204-107-5

$C_{28}H_{42}Cl_4N_4O_2$
[Oxalylbis(iminoethylene)]bis[(o-chlorobenzene)-diethylammonium] dichloride.

Mysuran; Mytelase chloride. Cholinesterase inhibitor. mp = 196-199°; freely soluble in H_2O . Sterling Winthrop, Inc.

7625 Distigmine Bromide

15876-67-2 3426 240-013-0

$C_{22}H_{32}Br_2N_4O_4$
3-Hydroxy-1-methylpyridinium bromide hexamethylene-bis-(N-methylcarbamate).
BC-51; Ubretid. Cholinesterase inhibitor. dec 149°. Oesterreiche Stickstoffwerke.

7626 Eptastigmine

101246-68-8 3672

$C_{21}H_{33}N_3O_2$
N-Demethyl-N-heptylphysostigmine.

Cholinesterase inhibitor. mp = 60-64°, 58-62°; λ_m = 303 253 nm (ϵ 3300 14200 MeOH). Consiglio Naz. Ricerche.

7627 Eptastigmine Tartrate

121652-76-4 3672

$C_{25}H_{39}N_3O_8$
N-Demethyl-N-heptylphysostigmine tartate.

Cholinesterase inhibitor. mp = 122-123°; soluble in H_2O (70 g/100 ml); LD₅₀ (mus ip) = 35 mg/kg. Consiglio Naz. Ricerche.

7628 Galanthamine

357-70-0 4357

$C_{17}H_{21}NO_3$
(4aS,6R,8aS)-4a,5,9,10,11,12-Hexahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-ol.
galantamine; lycoremine; Jilkon. Cholinesterase inhibitor. mp = 126-127°; $[\alpha]_D^{20}$ = -118.8° (c = 1.378 EtOH); fairly soluble in hot H_2O ; soluble in EtOH, Me_2CO , $CHCl_3$; insoluble in Et_2O , C_6H_6 ; [hydrochloride ($C_{17}H_{22}ClNO_3$)]: mp = 256-257° (dec); sparingly soluble in H_2O , EtOH, Me_2CO .

7629 Galanthamine Hydrobromide

1953-04-4 4357 217-780-5

$C_{17}H_{22}BrNO_3$
(4aS,6R,8aS)-4a,5,9,10,11,12-Hexahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-ol hydrobromide.

Nivalin. Cholinesterase inhibitor. dec 246-247°; $[\alpha]_D^{20}$ = -93.1° (c = 0.1015 H_2O); LD₅₀ (mus iv) = 5.2 ± 0.2 mg/kg.

Cholinesterase Reactivators

7630 Asoxime Chloride

34433-31-3 870



1-[[[4-(Aminocarbonyl)pyridinio]methoxy)methyl]-2-[(hydroxyimino)methyl]pyridinium dichloride.

HI-6. Cholinesterase reactivator. Used as an antidote for organophosphorus poisoning. [monohydrate]: mp = 145-147°; λ_m = 350, 300, 270, 218 nm (log ϵ 3.093, 4.018, 3.966, 4.181 H₂O). *E. Merck*.**7631 Obidoxime Chloride**

114-90-9 6835 204-059-5



1,1'-[Oxybis(methylene)]-bis[4-(hydroxyimino)methyl]-pyridinium dichloride.

BH-6; LÜH-6; Toksobidin; Toxogonin. Cholinesterase reactivator. [syn-isomer]: mp = 235-236° (dec); [anti-form]: mp ; 218-220° (dec); [both forms]: freely soluble in H₂O; LD₅₀ (mus orl) > 2240 mg/kg; [dibromide (C₁₄H₁₆Br₂N₄O₃)]: mp = 202-203° (dec). *E. Merck*.**7632 Pralidoxime Chloride**

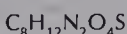
51-15-0 7884 200-080-9

2-[(Hydroxyimino)methyl]-1-methylpyridinium chloride. 2-PAM chloride; Protopam chloride. Cholinesterase reactivator. Used as an antidote in cases of poisoning by nerve gas and cholinesterase inhibitory insecticides. mp = 235-238° (dec); insoluble in Me₂CO; soluble in iPrOH (0.09 g/100 ml), EtOH (0.89 g/100 ml), MeOH (8.5 g/100 ml), H₂O (65.5 g/100 ml); LD₅₀ (rbt iv) = 95 mg/kg, (mus iv) = 115°; (mus ip) = 205 mg/kg, (mus orl) = 4100 mg/kg. *U.S. Government*.**7633 Pralidoxime Iodide**

94-63-3 7884 202-349-6

2-[(Hydroxyimino)methyl]-1-methylpyridinium iodide. 2-PAM. Cholinesterase reactivator. Used as an antidote in cases of poisoning by nerve gas and cholinesterase inhibitory insecticides. mp = 225-226°; very soluble in H₂O; soluble in EtOH (4.8 g/100 ml at 25°); insoluble in Et₂O, Me₂CO; LD₅₀ (mus iv) = 140-178 mg/kg, (mus ip) = 136-260 mg/kg, (mus sc) = 290-340 mg/kg, (mus orl) = 1500-4000 mg/kg. *U.S. Government*.**7634 Pralidoxime Mesylate**

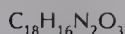
154-97-2 7884 205-839-8

2-[(Hydroxyimino)methyl]-1-methylpyridinium mesylate. Contrathion. Cholinesterase reactivator. Used as an antidote in cases of poisoning by nerve gas and cholinesterase inhibitory insecticides. mp = 155°; soluble in H₂O (50 g/100 ml); LD₅₀ (mus iv) = 118-122°; (mus ip) = 216 mg/kg, (mus orl) = 3700 mg/kg, (rat iv) = 109 mg/kg, (rat ip) = 262 mg/kg. *U.S. Government*.

CNS Stimulants

7635 Amfonelic acid

15180-02-6



7-Benzyl-1-ethyl-4-oxo-1,8-naphthyridine-3-carboxylic acid.

Win-25978; NSC-100638. CNS stimulant. *Sterling Winthrop, Inc.***7636 Amineptene Hydrochloride**

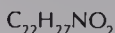
30272-08-3 429 250-107-3



7-[10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-yl)-amino]heptanoic acid hydrochloride.

S-1694; Maneon; Survector. CNS stimulant. mp = 226-230°. *Sci. Union et Cie, France*.**7637 Amineptine**

57574-09-1 429 260-818-0



7-[10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-yl)-amino]heptanoic acid.

CNS stimulant. *Sci. Union et Cie, France*.**7638 Amiphenazole**

490-55-1 505 207-713-8



2,4-Diamino-5-phenylthiazole.

Daptazole; DAPT; Phenamizole; Dizol; Daptazile; Fenamizol; 5-Phenyl-2,4-thiazolediamine. CNS stimulant. A proprietary preparation of amiphenazole; a central nervous stimulant used as a narcotic antagonist and, in veterinary medicine as a barbiturate and morphine antagonist. mp = 163-164° (dec); flakes from H₂O or dilute alcohol; turns brown on exposure to light and air; [hydrobromide] mp > 250°; soluble in H₂O; [benzene sulfonate] mp = 261-262° (dec); insoluble in H₂O, most organic solvents. *Nicholas Labs. Ltd.***7639 Amphetamine**

300-62-9 623 206-096-2

(±)- α -Methylphenethylamine.Actedron; Allodene; Adipan; Sympatedrine; Psychedrine; Isomyn; Isoamylne; Mecodrin; Norephedrane; Novydrine; Elastonon; Ortedrine; Phenedrine; Profamina; Propisamine; Sympamine; Simpatedrin. CNS stimulant and anorexic. d_4^{25} = 0.913; bp 200-203°, bp₁₃ = 82-85°; soluble in H₂O, EtOH, Et₂O; LD₅₀ (rat sc) = 180 mg/kg. *Interco Fribourg*.**7640 Amphetaminil**

17590-01-1 624 241-560-8

N-(α -Methylphenethyl)-2-phenylglycinonitrile.

AN 1; Aponeuron. CNS stimulant (psychotropic). mp = 85-87°; [hydrochloride] mp - 134-16°.

7641 Ampyzine

5214-29-9



(Dimethylamino)pyrazine.

CNS stimulant. *Parke-Davis*.**7642 Ampyzine Sulfate**

7082-29-3



(Dimethylamino)pyrazine sulfate (1:1).

W-3580B. CNS stimulant. *Parke-Davis*.

7643 Azabon

1150-20-5



4-(3-Azabicyclo[3.2.2]non-3-ylsulfonylbenzeneamine.

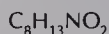
CNS stimulant.

7644 Bemegride

64-65-3

1054

200-588-0



3-Ethyl-3-methylglutarimide.

Megimide; NP-13; Mikedimide; Eukraton; Malysol. CNS stimulant. Also used as an antidote for barbiturate poisoning. mp = 127°; soluble in H_2O , Me_2CO ; LD_{50} (rat iv) = 17.0 mg/kg, (mus iv) = 18.8 mg/kg. *Abbott Labs*.

7645 Benzphetamine

156-08-1

1151



N-Benzyl-N,α-dimethylphenethylamine.

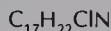
Anorexic and CNS stimulant. $\text{bp}_{0.02}$ = 127°; insoluble in H_2O ; soluble in MeOH, EtOH, Et_2O , C_6H_6 , CHCl_3 , Me_2CO . *Pharmacia & Upjohn, Inc*.

7646 Benzphetamine Hydrochloride

5411-22-3

1151

226-489-2



N-Benzyl-N,α-dimethylphenethylamine hydrochloride.

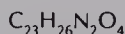
Didrex; Inapetyl. Anorexic and CNS stimulant. mp = 129-130°; soluble in H_2O , EtOH; dextrorotatory. *Pharmacia & Upjohn, Inc*.

7647 Brucine

357-57-3

1476

206-614-7



2,3-Dimethoxystrychnidine-10-one.

10,11-dimethoxystrychnine. CNS stimulant. Toxic alkaloid, related to strychnine. mp = 178°; $[\alpha]_D$ = -127° (CHCl_3), -85° (abs. EtOH); λ_m = 263, 301 nm (log ϵ 4.09, 3.93 EtOH); soluble in MeOH (1.25 g/ml), EtOH (0.77 g/ml), CHCl_3 (0.2 g/ml), EtOAc (0.04 g/ml), glycerol (2.78 g/100 ml), C_6H_6 (1 g/100 ml), Et_2O (0.53 g/100 ml), H_2O (0.75 g/l at 25°, 1.3 g/l at 100°); LD_{50} (rat orl) = 1 mg/kg.

7648 Brucine Sulfate

4845-99-2

1476

225-432-9



2,3-Dimethoxystrychnidine-10-one sulfate (2:1) heptahydrate.

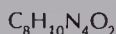
CNS stimulant. Toxic alkaloid, related to strychnine. Soluble in H_2O (1.3 g/100 ml at 25°, 10 g/100 ml at 100°), EtOH (0.95 g/100 ml), CHCl_3 (0.59 g/100 ml).

7649 Caffeine

58-08-2

1674

200-362-1



3,7-Dihydro-1,3,7-trimethyl-1H-purine-2,6-dione.

methyltheobromine; theine; 1,3,7-trimethylxanthine; 1,3,7-trimethyl-2,6-dioxopurine; coffeine; 1,3,7-trimethylxanthine; thein; guaranine; methyltheobromine; NoDoz; Anacin; Cafegot; Dasin; DHCplus; Excedrin; Hycomine; Miudol; Neuranal; Norgesic; Phensal;

Propoxyphene Compound 65; SK-65 Compound; Synalgos; Vanquish; Wigraine. CNS stimulant. Used in beverages and medicines (CNS stimulant). mp = 238°; sublimes 178°; d_4^{18} = 1.23; soluble in H_2O , EtOH, Et_2O , Me_2CO , C_6H_6 ; LD_{50} (mmus orl) = 127 mg/kg, (fmus orl) = 230 mg/kg, (mhtr orl) = 230 mg/kg, (fhtr orl) = 249 mg/kg, (mrat orl) = 355 mg/kg, (frat orl) = 247 mg/kg, (mrbt orl) = 246 mg/kg, (frbt orl) = 224 mg/kg. *Bristol-Myers Products*; *Whitehall-Robins*; *Eli Lilly & Co.*; *Sterling Health U.S.A.*; *SmithKline Beecham Pharmaceuticals*; *Purdue Pharma L.P.*; *E. I. Du Pont de Nemours Inc.*; *3M Pharmaceuticals*; *Marion Merrell Dow Inc.*; *Lemmon Co.*; *Wyeth-Ayerst Labs.*; *Organon Inc*.

7650 Caffeine Monohydrate

5743-12-4

1674



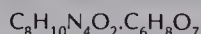
3,7-Dihydro-1,3,7-trimethyl-1H-purine-2,6-dione monohydrate.

methyltheobromine; theine; 1,3,7-trimethylxanthine; 1,3,7-trimethyl-2,6-dioxopurine; coffeine; 1,3,7-trimethylxanthine; thein; guaranine; methyltheobromine; NoDoz; Anacin; Cafegot; Dasin; DHCplus; Excedrin; Hycomine; Miudol; Neuranal; Norgesic; Phensal; Propoxyphene Compound 65; SK-65 Compound; Synalgos; Vanquish; Wigraine. CNS stimulant. Used in beverages and medicines (CNS stimulant). Dehydration is complete at 80°. *Bristol-Myers Products*; *Whitehall-Robins*; *Eli Lilly & Co.*; *Sterling Health U.S.A.*; *SmithKline Beecham Pharmaceuticals*; *Purdue Pharma L.P.*; *E. I. Du Pont de Nemours Inc.*; *3M Pharmaceuticals*; *Marion Merrell Dow Inc.*; *Lemmon Co.*; *Wyeth-Ayerst Labs.*; *Organon Inc*.

7651 Caffeine, Citrated

69-22-7

1674



Caffeine citrate.

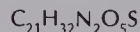
citrated caffeine. CNS stimulant. Used in beverages and medicines (CNS stimulant). Soluble in warm H_2O . *Bristol-Myers Products*; *Whitehall-Robins*; *Eli Lilly & Co.*; *Sterling Health U.S.A.*; *SmithKline Beecham Pharmaceuticals*; *Purdue Pharma L.P.*; *E. I. Du Pont de Nemours Inc.*; *3M Pharmaceuticals*; *Marion Merrell Dow Inc.*; *Lemmon Co.*; *Wyeth-Ayerst Labs.*; *Organon Inc*.

7652 Camphotamide

4876-45-3

1782

225-484-2



3-Diethylcarbamoyl-1-methylpyridinium camphorsulfonate.

camphetamide; camphramine; Tonicorine. CNS stimulant. mp = 174-175°; soluble in H_2O , EtOH, Et_2O ; insoluble in C_6H_6 , petroleum ether. *Soc. Franc. Recherches Biochim*.

7653 Cathinone

71031-15-7

1954



(-)-α-Aminopropiophenone.

CNS stimulant. Alkaloid extracted from the leaves of Khat. $[\alpha]_D$ = -46.8° (MeOH, c = 0.24); [hydrochloride] mp = 189-190°.

7654 Chlorphentermine

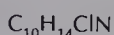
461-78-9 2235 207-314-9

4-Chloro- α,α -dimethylbenzeneethanamine.
clorfenmina; Lucofen; Teramine. Anorexic and CNS
stimulant. $bp_2 = 100-102^\circ$. *Parke-Davis*.**7655 Chlorphentermine Hydrochloride**

151-06-4 2235 205-782-9

4-Chloro- α,α -dimethylbenzeneethanamine
hydrochloride.Pre-Sate; S-62; W-2426; NSC-76098. Anorexic and CNS
stimulant. $mp = 234^\circ$; soluble in H_2O (> 20 g/100 ml),
 LD_{50} (mus orl) = 270 mg/kg, (mus sc) = 267 mg/kg. *Parke-*
Davis.**7656 Clortermine**

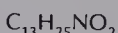
10389-73-8 2472

o-Chloro- α,α -dimethylphenethylamine.Anorexic and CNS stimulant. $bp_{16} = 116-118^\circ$. *Ciba-Geigy*
Corp.**7657 Clortermine Hydrochloride**

10389-72-7 2472

o-Chloro- α,α -dimethylphenethylamine hydrochloride.Su-10568; Voranil. Anorexic and CNS stimulant. $mp =$
 $245-246^\circ$; LD_{50} (rat orl) = 332 ± 23 mg/kg. *Ciba-Geigy*
Corp.**7658 Cyprodenate**

15585-86-1

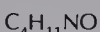


2-(Dimethylamino)ethylcyclohexanepropionate.

A psychotonic brain stimulant.

7659 Deanol

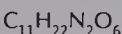
108-01-0 2900 203-542-8



2-(Dimethylamino)ethanol.

N,N-dimethyl-2-hydroxyethylamine. CNS stimulant. bp_{758}
 $= 135^\circ$; $d_4^{20} = 0.8866$; miscible with H_2O , EtOH, Et_2O .**7660 Deanol Aceglumate**

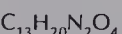
3342-61-8 2900 222-085-5



2-(Dimethylamino)ethanol aceglumate.

Cleregil; Risatarun. CNS stimulant. Soluble in H_2O .
Interco Fribourg.**7661 Deanol Acetamidobenzoate**

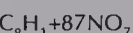
3635-74-3 2900 222-858-7



2-(Dimethylamino)ethanol acetamidobenzoate.

Deaner; Pabenol. CNS stimulant. $mp = 159-161.5^\circ$;
soluble in H_2O . *Riker Labs*.**7662 Deanol Bitartrate**

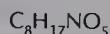
5988-51-2 2900 227-809-3



2-(Dimethylamino)ethanol bitartrate.

Liparon. CNS stimulant. Soluble in H_2O . *Interco Fribourg*.**7663 Deanol Hemisuccinate**

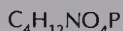
2900



2-(Dimethylamino)ethanol hemisuccinate.

Tonibral; Rischiaril. CNS stimulant. Soluble in H_2O ,
EtOH; less soluble in C_6H_6 , $CHCl_3$. *Interco Fribourg*.**7664 Demanyl Phosphate**

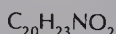
6909-62-2 2935



Mono[2-(dimethylamino)ethyl]phosphoric acid ester.

phosphoryldimethylcolamine; P-DMEA; Panclar. CNS
stimulant and psychotonic. $mp = 175-176^\circ$;
[monohydrate] $mp = 78-81^\circ$. *Ciba-Geigy Corp*.**7665 Dexodrol**

4741-41-7



(+)2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine.

d-dioxadrol. CNS stimulant and analgesic.

7666 Dexodrol Hydrochloride

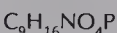
631-06-1

(+)2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine
hydrochloride.CL-911C; U-22559A; NSC-526062; d-dioxadrol
hydrochloride. CNS stimulant and analgesic.**7667 Dextroamphetamine**

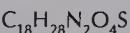
51-64-9 623 200-112-1

(+) α -Methylphenethylamine.NSC-73713. CNS stimulant and anorexic. $d_4^{25} = 0.913$; bp
 $200-203^\circ$, $bp_{13} = 82-85^\circ$; soluble in H_2O , EtOH, Et_2O ;
 LD_{50} (rat sc) = 180 mg/kg. *Fisons Corp*.**7668 Dextroamphetamine Phosphate**

7528-00-9 623

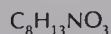
(+) α -Methylphenethylamine phosphate.Actemin; Aktedron; Monophos; Profetamine phosphate;
Racephen; Raphetamine phosphate. CNS stimulant and
anorexic. $mp = 300^\circ$ (dec); soluble in H_2O , EtOH;
insoluble in C_6H_6 , $CHCl_3$, Et_2O . *SmithKline Beecham*
Pharmaceuticals.**7669 Dextroamphetamine Sulfate**

51-63-8 2996 200-111-6

(+) α -Methylphenethylamine sulfate.Dexedrine; Dexamyl; Eskatrol; Dexamper; Dexedrine
sulfate; Afatin; Dexamphetamine; d-Amfetasul;
Domafate; Obesedrin; Dexten; Maxiton; Sympamin;
Simpamina-D; Albemap; Dadex; Ardex; Dexalone;
Amsustain; Betafedrina; d-Betafedrine; Diocurb. CNS
stimulant and anorexic. $mp > 300^\circ$; $[\alpha]_D^{20} = 21.8^\circ$ ($c = 2$);
soluble in H_2O (10 g/100 ml), EtOH (0.2 g/100 ml); LD_{50}
(mus orl) = 10 mg/kg. *SmithKline Beecham*
Pharmaceuticals.

7670 Diethadione

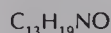
702-54-5 3155 211-867-1



5,5-Diethyldihydro-2H-1,3-oxazine-2,4(3H)-dione.

Dioxone; Ledosten; Persisten; Tocen. CNS stimulant (analeptic). mp = 97-98°; LD₅₀ (mus ip) = 52 mg/kg, (mus orl) = 130 mg/kg, (rat ip) = 31.6 mg/kg, (rat orl) = 70.5 mg/kg. *Gruppo Lepetit S.p.A.***7671 Diethylpropion**

90-84-6 3175 202-019-1



2-(Diethylamino)propiphenone.

Amfepramone. Anorexic and CNS stimulant. *Marion Merrell Dow Inc.; 3M Pharmaceuticals.***7672 Diethylpropion Hydrochloride**

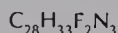
134-80-5 3175 205-156-5



2-(Diethylamino)propiphenone hydrochloride.

Tenuate; Tepanil; Anfamon; Anorex; Danylen; Dobesin; Frekentine; Keramik; Keramin; Magrene; Modulor; Moderatan; Parabolin; Prefamone; Regenon; Tenuate Dospan; Tylinal. Anorexic and CNS stimulant. mp = 168° (dec). *Marion Merrell Dow Inc.; 3M Pharmaceuticals.***7673 Difluanine**

5522-39-4



1-(2-Anilinoethyl)-4-[4,4-bis(p-fluorophenyl)butyl]piperazine.

CNS stimulant. *McNeil Pharmaceutical.***7674 Difluanine Hydrochloride**

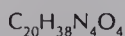
5522-33-8



1-(2-Anilinoethyl)-4-[4,4-bis(p-fluorophenyl)butyl]piperazine trihydrochloride.

McN-JR-7242-11; R-7242. CNS stimulant. *McNeil Pharmaceutical.***7675 Dimorpholamine**

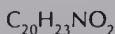
119-48-2 3317 204-328-7



N,N'-1,2-Ethanediybis[n-butyl-4-morpholinecarboxamide].

TH-1064; Amipan T; Theraleptique; Theraptique. CNS stimulant (analeptic). mp = 41-42°; bp_{0.4} = 229°; soluble in H₂O (0.5 g/ml); LD₅₀ (mus iv) = 54 mg/kg, (mus ip) = 80 mg/kg, (mus sc) = 104 mg/kg, (mus orl) = 380 mg/kg. *ICI.***7676 Dioxadrol**

6495-46-1 3352



2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine.

Rydar. CNS stimulant, antidepressant and smooth muscle relaxant. The dl form of the free base is an antidepressant. The d form, dexodaxrol is a CNS stimulant. *Cutter Labs.***7677 Dioxadrol Hydrochloride**

3666-69-1 3352



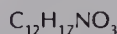
2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine hydrochloride.

CL-639C; dexodaxrol hydrochloride [d form]; Relane [d

form]; levodaxrol hydrochloride [l form]; Levoxan [l form]. CNS stimulant, antidepressant and smooth muscle relaxant. The d form is a CNS stimulant and analgesic; the d form is a local anesthetic and a smooth muscle relaxant.

mp = 256-260; LD₅₀ (mus orl) = 240 mg/kg; [d form hydrochloride]: mp = 254° (dec); [α]_D²⁰ = 34° (c = 2 MeOH); LD₅₀ (mus orl) = 340 mg/kg; [l form hydrochloride]: mp = 248-254°; [α]_D²⁰ = 34.5° (c = 2 MeOH); LD₅₀ (mus orl) = 230 mg/kg. *Cutter Labs.***7678 Ethamivan**

304-84-7 3765 206-157-3



N,N-Diethylvanillamide.

Vandid; NSC-406087; Cardiovanil; Emivan. CNS and respiratory stimulant. mp = 95-95.5°; LD₅₀ (rat ip) = 28 mg/kg. *3M Pharmaceuticals.***7679 Etifelmine**

341-00-4 3909



2-Ethyl-3,3-diphenyl-2-propenylamine.

Etifelmin; EDPA; Na III; 2-(diphenylmethylene)butylamine. CNS stimulant and antihypotensive agent. *Giulini GmbH.***7680 Etifelmine Hydrochloride**

1146-95-8 3909



2-Ethyl-3,3-diphenyl-2-propenylamine hydrochloride.

Tensinase D. CNS stimulant and antihypotensive agent. Mixture with nicotinate is Gilutensin. mp = 232°; soluble in H₂O. *Giulini GmbH.***7681 Etilamfetamine**

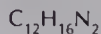
457-87-4 3809



N-Ethyl-α-methylphenethylamine.

N-Ethylamphetamine; Adiparthrol; Apetinil. Anorexic and CNS stimulant. bp₁₄ = 104.5-106°; [hydrochloride, d form]: mp = 154-156°; [α]_D¹⁵ = 17.2° (c = 2 H₂O); [hydrochloride l form]: mp = 155-156°; [α]_D²⁵ = -17.3° (c = 2 H₂O). *Sterling Winthrop, Inc.***7682 Etryptamine**

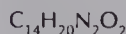
2235-90-7 3937



3-(2-Aminobutyl)indole.

mp = 97-99°; λ_m = 220.5, 281, 289.5 (ε 20500, 6000, 6500). *Pharmacia & Upjohn, Inc.***7683 Etryptamine Acetate**

118-68-3 3937 204-268-1



3-(2-Aminobutyl)indole monoacetate.

U-17312E; NSC-63963; Monase. CNS stimulant. mp = 165-166°. *Pharmacia & Upjohn, Inc.***7684 Fencamfamine**

1209-98-9 4006



3-Phenyl-N-ethyl-2-norbornanamine.

Euvitol. CNS stimulant. mp = 150-152°. *E. Merck.*

7685 Fencamfamine Hydrochloride

2240-14-4 4006 218-805-2
 $C_{15}H_{22}ClN$
 3-Phenyl-N-ethyl-2-norbornanamine hydrochloride.
 Altimina; Sicoclor. CNS stimulant. mp = 278-279°; freely soluble in H_2O , less soluble in organic solvents; λ_m = 296 nm ($\epsilon_{1\%}^{1cm}$ 398 H_2O); LD₅₀ (mus orl) = 418 mg/kg, (mus ip) = 82 mg/kg, (rat orl) = 508 mg/kg, (rat ip) = 93 mg/kg. *E. Merck.*

7686 Fenethylamine

3736-08-1 4014
 $C_{18}H_{23}N_5O_2$
 7-[2-[(α -Methylphenethyl)amino]methyl]theophylline.
 theophyllineethylamphetamine. CNS stimulant. *Degussa AG.*

7687 Fenethylamine Hydrochloride

1892-80-4 4014 217-580-8
 $C_{18}H_{24}ClN_5O_2$
 7-[2-[(α -Methylphenethyl)amino]methyl]theophylline monohydrochloride.
 H-814; Captagon. CNS stimulant. mp = 227-229°, 237-239°; [d form or l form]: mp = 246-247°. *Degussa AG.*

7688 Fenozolone

15302-16-6 4028 239-339-6
 $C_{11}H_{12}N_2O_2$
 2-Ethylamino-4-oxo-5-phenyl-2-oxazoline.
 LD-3394; Ordinator. CNS stimulant. mp = 148°; λ_m = 221 nm (log ϵ 4.42 EtOH); LD₅₀ (mus orl) = 425 mg/kg, (mus ip) = 175 mg/kg. *Lab. Dausse.*

7689 Flubanilate

847-20-1
 $C_{14}H_{19}F_3N_2O_2$
 Ethyl N-[2-(dimethylamino)ethyl]-m-(trifluoromethyl)carbanilate.
 CNS stimulant.

7690 Flubanilate Hydrochloride

967-48-6
 $C_{14}H_{20}ClF_3N_2O_2$
 Ethyl N-[2-(dimethylamino)ethyl]-m-(trifluoromethyl)carbanilate monohydrochloride.
 CNS stimulant.

7691 Flurothyl

333-36-8 4236
 $C_4H_4F_6O$
 Bis(2,2,2)trifluoroethyl ether.
 Flurotyl; SK&F-6539; Indiklon; Idoklon. CNS stimulant.
 bp = 63.9°; d_4^{20} = 1.41; insoluble in H_2O , soluble in alcohol. *Anaquest.*

7692 Hexacyclonate Sodium

7009-49-6 4717
 $C_9H_{15}NaO_3$
 Sodium 1-(hydroxymethyl)cyclohexanecarboxylate.
 Neuryl. CNS stimulant. mp = 106-108°; soluble in H_2O , MeOH, EtOH; less soluble in Et₂O, Me₂CO. *Warner*

Lambert.

7693 Hexacyclonic Acid

7491-42-1 4717
 $C_9H_{16}O_3$
 1-(Hydroxymethyl)cyclohexanecarboxylic acid.
 CNS stimulant. *Warner Lambert.*

7694 Homocamfin

535-86-4 4768
 $C_{10}H_{16}O$
 3-Methyl-5-(1-methylethyl)-2-cyclohexen-1-one.
 Cyclosal; Hexetone. CNS stimulant. Generally supplied as a mixture with 2.5 parts of sodium salicylate. bp₁₈ = 127-128°, bp₁₆ = 124-126°, bp₁₅ = 120-122°, bp_{11.5} = 113-116°, bp₉ = 108-110°; slightly soluble in H_2O ; soluble in EtOH, C₆H₆, Et₂O.

7695 Hopantenic Acid

18679-90-8 4781
 $C_{10}H_{19}NO_5$
 D-(+)-4-(2,4-Dihydroxy-3,3-dimethylbutyramido)butyric acid.
 D-homopantothenic acid. CNS stimulant. $[\alpha]_D^{20}$ = 23.8°; LD₅₀ (mmus ip) = 850 mg/kg, (mmus sc) = 2063 mg/kg, (mmus orl) = 6297 mg/kg, (fms ip) = 954 mg/kg, (fms sc) = 2495 mg/kg, (fms orl) = 7935 mg/kg, (mrat ip) = 1575 mg/kg, (mrat sc) = 5940 mg/kg, (mrat orl) = 16810 mg/kg, (frat ip) = 1458 mg/kg, (frat sc) = 7348 mg/kg, (frat orl) = 13350 mg/kg. *Tanabe Seiyaku.*

7696 Indrilene

7395-90-6
 $C_{19}H_{21}N$
 N,N-Dimethyl-1-phenylindene-1-ethylamine.
 CNS stimulant.

7697 Indrilene Hydrochloride

2988-32-1
 $C_{19}H_{22}ClN$
 N,N-Dimethyl-1-phenylindene-1-ethylamine hydrochloride.
 MJ-1986. CNS stimulant.

7698 Lubeluzole

144665-07-6
 $C_{22}H_{25}F_2N_3O_2S$
 (+)-(S)-4-(2-Benzothiazolylmethylamino)- α -[(3,4-difluorophenoxy)methyl]-1-piperidineethanol.
 R-86926. CNS stimulant. Used in treatment of stroke. *Janssen Pharmaceutical, Belgium.*

7699 Mazindol

22232-71-9 5801 244-857-0
 $C_{16}H_{13}ClN_2O$
 5-(p-Chlorophenyl)-2,5-dihydro-3H-imidazo[2,1-a]-isoindol-5-ol.
 Mazanor; 42548; Sanorex; SaH-42548; Magrilon; Mazildene; Terenac; Teronac. CNS stimulant and anorexic. mp = 215-217°, 198-199°; λ_m = 223, 268.5, 272 nm (ϵ 19000, 4400, 4400 95% EtOH); insoluble in H_2O , soluble in EtOH. *Wyeth-Ayerst Labs.; Sandoz Pharmaceuticals Corp.*

7700 Meclofenoxate

51-68-3 5820 200-116-3
 $C_{12}H_{16}ClNO_3$
 2-(Dimethylamino)ethyl(p-chlorophenoxy)acetate.
 centrophenoxine; meclofenoxane; acephen; ANP-235;
 Analux; Cetrexin; Proseryl. CNS stimulant. Also used as a
 plant growth regulator. *CNRS*.

7701 Meclofenoxate Hydrochloride

3685-84-5 5820 222-975-3
 $C_{12}H_{17}Cl_2NO_3$
 2-(Dimethylamino)ethyl(p-chlorophenoxy)acetate
 hydrochloride.
 Cellative; Cloce; Lucidril; Methocynal; Proserout;
 Brenal; Marucotol; Helfergin. CNS stimulant. Also used as
 a plant growth regulator. mp = 135-139°; soluble in H_2O ,
 $iPrOH$, Me_2CO ; insoluble in C_6H_6 , Et_2O , $CHCl_3$; LD_{50}
 (mus iv) = 330 mg/kg, (mus ip) = 845 mg/kg, (mus orl) =
 1750 mg/kg. *CNRS*.

7702 Mefexamide

1227-61-8 5844 214-963-1
 $C_{15}H_{24}N_2O_3$
 N-[2-(Diethylamino)ethyl]-2-(p-
 methoxyphenoxy)acetamide.
 mexephenamide; NP-297; Mefexadyne; Timodyne. CNS
 stimulant. [hydrochloride]: mp = 112°.

7703 Mesocarb

34262-84-5
 $C_{18}H_{18}N_4O_2$
 3-(α -Methylphenethyl)-N-(phenylcarbamoyl)sydnone
 imine.
 sidnocarb; sydnocarb; sydnocarbum. A specific inhibitor
 of in vitro synaptosomal catecholamine uptake. CNS
 stimulant.

7704 Methylphenidate

113-45-1 6186 204-028-6
 $C_{14}H_{19}NO_2$
 Methyl α -phenyl-2-piperidine acetate.
 Ritalin. CNS stimulant. $bp_{0.6}$ = 135-137°; insoluble in
 H_2O , petroleum ether; soluble in EtOH, EtOAc, Et_2O .
Ciba-Geigy Corp.

7705 Methylphenidate Hydrochloride

298-59-9 6186 206-065-3
 $C_{14}H_{20}ClNO_2$
 Methyl α -phenyl-2-piperidine acetate hydrochloride.
 Ritalin hydrochloride. CNS stimulant. mp = 224-226°;
 soluble in H_2O , EtOH, $CHCl_3$; LD_{50} (mus orl) = 190
 mg/kg. *Ciba-Geigy Corp.*

7706 Modafinil

68693-11-8 6311
 $C_{15}H_{15}NO_2S$
 2-[(Diphenylmethyl)sulfinyl]acetamide.
 CRC-40476; CEP-1538; 2-(benzhydrylsulfinyl)acetamide.
 CNS stimulant. Used for treatment of narcolepsy and
 hypersomnia. mp = 164-166°. *Lab. Lafon*.

7707 Nikethamide

59-26-7 6635 200-418-5
 $C_{10}H_{14}N_2O$
 N,N-Diethyl-3-pyridinecarboxamide.

Anacardone; Astroc; Carbamidal; Cardamine;
 Cardiamid; Cardimon; Coracon; Coractiv N; Coramine;
 Cordiamin; Corediol; Cormed; Cormid; Corvitol;
 Corvotone; Dynacoryl; Ecoran; Inicardio; Niamine;
 Nicamide; Nicor; Nicorine; Nikardin; Pyricardyl;
 Salvacard; Stimulin; Ventramine. CNS and respiratory
 stimulant. d_4^{25} = 1.058-1.066; mp = 24-26°; bp = 296-300
 (dec), bp_{10} = 158-159°, bp_3 = 128-129°, $bp_{0.4}$ = 115°;
 soluble in H_2O , organic solvents; LD_{50} (rat ip) = 272
 mg/kg. *Ciba-Geigy Corp.; Abbott Labs.*

7708 N-Methylephedrine

552-79-4 6145 209-022-7
 $C_{11}H_{17}NO$
 (1R,2R)-2-Dimethylamino-1-phenylpropan-1-ol.
 N,N-dimethylnorephedrine; 2-dimethylamino-1-phenyl-
 propanol. CNS stimulant (analeptic). [dl form]: mp =
 63.5-64.5°; soluble in most solvents; [dl form
 hydrochloride]: mp = 207-208°; [d form]: mp = 87-87.5°;
 $[\alpha]_D^{20}$ = 29.2° (c = 4 MeOH); [d form hydrochloride]: mp =
 192°; $[\alpha]_D^{20}$ = 30.1°; [l form]: mp = 87-88°; $[\alpha]_D$ = -29.5° (c
 = 4.5 MeOH); [l form hydrochloride]: mp = 192°; $[\alpha]_D^{20}$ = -
 29.8° (c = 4.6); soluble in H_2O , less soluble in EtOH,
 poorly soluble in Me_2CO .

7709 Pemoline

2152-34-3 7206 218-438-8
 $C_9H_8N_2O_2$
 2-Imino-5-phenyl-4-oxazolidinone.
 Cylert; NSC-25159; phenylisohydantoin; azoxodone;
 PIO; LA-956; YH-1; Azoksodon; Deltamine; Hyton Asa;
 Kethamed; Nitam; Pioxol; Pondex; Senior; Sigmadyne;
 Stimul; Tradon; Volital. CNS stimulant. mp = 256-257°
 (dec), insoluble in H_2O , Et_2O , Me_2CO , dilute HCl; soluble
 in EtOH, propylene glycol; LD_{50} (rat orl) = 500 mg/kg.
Abbott Labs.

7710 Pentylene-tetrazole

54-95-5 7283 200-219-3
 $C_6H_{10}N_4$
 6,7,8,9-Tetrahydro-5H-tetrazolo[1,5-a]azepine.
 Cardiazol; Metrazol; pentetrazol; Cenalene-M; Cenazol;
 Coranormol; Corazole; Corvasol; Deumacard; Gewazol;
 Korazol; Phrenazol; Ventrazol. CNS stimulant. mp = 57-
 60°; soluble in H_2O , organic solvents; LD_{50} (rat ip) = 62
 mg/kg, (rat sc) = 85 $\pm$ 2 mg/kg. *Knoll Pharmaceutical Co.*

7711 Phenmetrazine

134-49-6 7385 205-143-4
 $C_{11}H_{15}NO$
 3-Methyl-2-phenylmorpholine.
 Anorexic and CNS stimulant. bp_{12} = 138-140°, bp_1 =
 104°. *Boehringer Ingelheim GmbH.*

7712 Phenmetrazine Hydrochloride

1707-14-8 7385 216-950-6
 $C_{11}H_{16}ClNO$
 3-Methyl-2-phenylmorpholine hydrochloride.
 Preludin; Marsin; Neo-Zine. Anorexic and CNS stimulant.
 mp = 182°; soluble in H_2O (250 g/100 ml), 95% EtOH
 (50 g/100 ml), $CHCl_3$ (50 g/100 ml); poorly soluble in
 Et_2O . *Boehringer Ingelheim GmbH.*

7713 Phentermine

122-09-8 7415 204-522-1
 $C_{10}H_{15}N$
 α,α -Dimethylphenethylamine.
 Anorexic and CNS stimulant. $bp_{750} = 205^\circ$, $bp_{21} = 100^\circ$.
Lemmon Co.; SmithKline Beecham Pharmaceuticals.

7714 Phentermine Hydrochloride

1197-21-3 7415 214-821-9
 $C_{10}H_{16}ClN$
 α,α -Dimethylphenethylamine hydrochloride.
 Adipex P; Fastin; Wilpo. Anorexic and CNS stimulant. mp = 198° . *Lemmon Co.; SmithKline Beecham Pharmaceuticals.*

7715 PicROTOXIN

124-87-8 7570 204-716-6
 $C_{30}H_{34}O_{13}$
 Picrotoxin.
 Fish berry; Cocculin; Cocculine. CNS and respiratory stimulant. Used as an antidote for barbiturate poisoning and as a fish poison. mp = $200-202^\circ$; $[\alpha]_D^{16} = -29.3^\circ$ (c = 4 EtOH); soluble in H_2O (0.285 g/100 ml at 25° , 20 g/100 ml at 100°), EtOH (7.4 g/100 ml at 25° , 33 g/100 ml at 778°); sparingly soluble in Et_2O , $CHCl_3$; LD_{50} (mus ip) = 7.2 mg/kg; highly toxic to fish. *TCI; Pfalz & Bauer; INDOFINE Chemical Co.*

7716 Pipradol

467-60-7 7638 207-394-5
 $C_{18}H_{21}NO$
 α,α -Diphenyl-2-piperidinemethanol.
 MRD-108. CNS stimulant. *Marion Merrell Dow Inc.*

7717 Pipradol Hydrochloride

71-78-3 7638 200-764-7
 $C_{18}H_{22}ClNO$
 α,α -Diphenyl-2-piperidinemethanol hydrochloride.
 Detaril; Meratrans; Meratonic; Stimolag Fortis. CNS stimulant. mp = $308-309^\circ$ (dec); soluble in hot H_2O (1.6 g/100 ml). *Marion Merrell Dow Inc.*

7718 Prolintane

493-92-5 7964 207-784-5
 $C_{15}H_{23}N$
 1-(α -Propylphenethyl)pyrrolidine.
 SP-732. CNS stimulant and antidepressant. $bp_{0.5} = 105^\circ$, $bp_{16} = 153^\circ$. *Boehringer Ingelheim GmbH.*

7719 Prolintane Hydrochloride

1211-28-5 7964 214-917-0
 $C_{15}H_{24}ClN$
 1-(α -Propylphenethyl)pyrrolidine hydrochloride.
 Katovit; Promotil. CNS stimulant and antidepressant. mp = $133-134^\circ$; LD_{50} (mus orl) = 257 mg/kg. *Boehringer Ingelheim GmbH.*

7720 Pyrovalerone

3563-49-3 8194
 $C_{16}H_{23}NO$
 4'-Methyl-2-(1-pyrrolidinyl)valerophenone.
 CNS stimulant. $bp_{0.08} = 104^\circ$. *Sandoz Pharmaceuticals Corp.*

7721 Pyrovalerone Hydrochloride

1147-62-2 8194 214-556-9
 $C_{16}H_{24}ClNO$
 4'-Methyl-2-(1-pyrrolidinyl)valerophenone hydrochloride.
 F-1983; Centroton; Thymergix. CNS stimulant. mp = 178° ; LD_{50} (mus orl) = 350 mg/kg. *Sandoz Pharmaceuticals Corp.*

7722 Securinine

5610-40-2 8565
 $C_{13}H_{15}NO_2$
 Securinan-11-one.
 From leaves and roots of *Securinea suffruticosa*, *Euphorbiaceae*. Component of the *Phyllanthus discoideus* leaf. GABAA receptor blocker. Used in traditional Chinese medicine to treat aplastic anemia. Has antimalarial and antibacterial properties CNS stimulant. mp = $142-143^\circ$; mp [hydrochloride]: = 230° ; $[\alpha]_D^{20} = -1042^\circ$ (c = 1 alcohol); $\lambda_m = 256, 330$ nm (log ϵ 4.27, 3.30 alcohol).

7723 Siagocide

100345-64-0
 $C_{73}H_{129}N_3O_{30}$
 N-([I³]-N-Acetylneuraminosylgangliotetraosyl)ceramid intramolecular ester.
 Ganglioside. May attenuate some morphological and functional deficits related to striatal damage after acute cerebral ischemia.

7724 Tenamfetamine

51497-09-7
 $C_{10}H_{13}NO_2$
 ($\pm$)- α -Methyl-3,4-(methylenedioxy)phenethylamine.
 CNS stimulant.

Contraceptives

7725 Desogestrel

54024-22-5 2971 258-929-4
 $C_{22}H_{30}O$
 13-Ethyl-11-methylene-18,19-dinor-17 α -pregn-4-en-20-yn-17-ol.
 ORG-2969; component of: Desogen. Progestogen. In combination with an estrogen (Ethinylestradiol), used as an oral contraceptive [71138-35-7]. mp = $109-110^\circ$; $[\alpha]_D^{20} = 55^\circ$ ($CHCl_3$). *Organon Inc.*

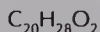
7726 Ethinyl Estradiol

57-63-6 3780 200-342-2
 $C_{20}H_{24}O_2$
 19-Nor-17 α -pregna-1,3,5(10)-trien-20-yn-3,17-diol.
 Diogyn E; Estinyl; NSC-10973; component of: Brevicon, Demulen, Desogen, Estopherol, Estostep, Levlen, Loestrin, Lo/Ovral, ModiCon, Nordette, Norethrin 1/35E, Norlestrin, Ortho-Cyclen, Ortho-Novum, Ovcon, Ovral, Tri-Levlen, Triphasil. Estrogen. In combination with a progestogen (Desogestrel, Gestodene; Lynestrenol or Norgestimate), used as an oral contraceptive [71138-35-7], [109852-02-0], [8064-76-4], [79871-54-8] respectively. mp = $141-146^\circ$; $[\alpha]_D^{25} = 0 \pm 1^\circ$ (dioxane); λ_m 281 nm (ϵ 2040 $\pm$ 60 EtOH); insoluble in H_2O ; soluble in EtOH (16.6 g/100 ml), Et_2O (25 g/100 ml), Me_2CO (20

g/100 ml), dioxane (25 g/100 ml), CHCl_3 (5 g/100 ml); LD_{50} (rat orl) = 2952 mg/kg, (mus orl) = 1737 mg/kg. *Roberts Pharmaceutical Corp.; Berlex Labs., Inc.; Organon Inc.; Marion Merrell Dow Inc.; Mead Johnson Labs.; Parke-Davis; Pfizer International; Schering Corp.; Searle, G.D., & Co.; Syntex International, Ltd.; Wyeth-Ayerst Labs.*

7727 Ethynodiol

1231-93-2 3905 214-971-5

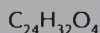


19-Nor-17 α -pregn-4-en-20-yn-3 β ,17-diol.

ED. Progestogen. *Searle, G.D., & Co.*

7728 Ethynodiol Diacetate

297-76-7 3905 206-044-9

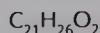


19-Nor-17 α -pregn-4-en-20-yn-3 β ,17-diol diacetate.

SC-11800; Femulen; Luteonorm; Luto-Metrodiol; Metrodiol; component of: Demulon, Metrulen, Ovulen. Progestogen. Used in combination with an estrogen (mestranol, ethinyl estradiol) as an oral contraceptive. mp = 126-127°; $[\alpha]_D = -72.5^\circ$. *Searle, G.D., & Co.*

7729 Gestodene

60282-87-3 4421 262-145-8



13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregna-4,15-dien-20-yn-3-one.

SH B 331. Progestogen. Used in combination with ethinyl estradiol [109852-02-0] as an oral contraceptive. mp = 197.9°. *Schering AG.*

7730 Lynestrenol

52-76-6 5659 200-151-4

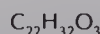


19-Nor-17 α -pregn-4-en-20-yn-17 β -ol.

NSC-37725. Progestogen. Used in combination with estrogens (ethinyl estradiol, mestranol), used as an oral contraceptive [109852-02-0], [8015-14-3] respectively. mp = 158-160°; $[\alpha]_D = -13^\circ$ (CHCl_3).

7731 Medroxyprogesterone

520-85-4 5838 208-298-6

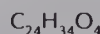


17-Hydroxy-6 α -methylpregn-4-en-3,20-dione.

Progestogen. Used in combination with an estrogen (ethinyl estradiol) as an oral contraceptive. mp = 220-223.5°; $[\alpha]_D^{25} = 75^\circ$ (CHCl_3); λ_m 241 nm (ϵ 16000 EtOH). *Pharmacia & Upjohn, Inc.; Farmitalia.*

7732 Medroxyprogesterone Acetate

71-58-9 5838

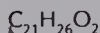


17-Hydroxy-6 α -methylpregn-4-en-3,20-dione acetate.

Curretab; Cycrin; Depo-Provera; Provera; MAP; Amen; Clinovir; Depo-Clinivir; Farlutal; Gestapuran; G-Farlutal; Hysron; Lutoral; Nadigest; Nidaxin; Oragest; Perlutex; Prodasone; Provera; Sodelut G; Veramix. Progestogen. Used in combination with an estrogen (ethinyl estradiol) as an oral contraceptive. mp = 207-209°; $[\alpha]_D = 61^\circ$ (CHCl_3); $\lambda_m = 240$ nm (ϵ 15900 EtOH). *Pharmacia & Upjohn, Inc.; Solvay Pharmaceuticals; Wyeth-Ayerst.*

7733 Mestranol

72-33-3 5976 200-777-8

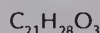


3-Methoxy-19-nor-17 α -pregna-1,3,5(10)-trien-20-yn-17-ol.

EE_3ME ; 33355; Menophase; Norquen; Ovastol; component of: Enovid, Norethrin 1/50M, Norinyl, Norquen, Ortho-Novum, Ovulen. Estrogen. Used in combination with a progestogen as an oral contraceptive. mp = 150-151°; λ_m 279, 287.5 nm ($\epsilon_{1\%}^{1\text{cm}}$ 82, 14.4 MeOH); insoluble in H_2O ; poorly soluble in MeOH; soluble in EtOH, CHCl_3 , Et_2O , Me_2CO , dioxane. *Roberts Pharmaceutical Corp.; Ortho Pharmaceutical Corp.; Searle, G.D., & Co.; Syntex International, Ltd.*

7734 Nomegestrol

58691-88-6

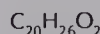


17-Hydroxy-6-methyl-19-norpregna-4,6-diene-3,20-dione.

TX-066 [as acetate]; Lutanyl [as acetate]; Uniplant [as acetate]; Thermex; Monaco. A synthetic progestin with a high affinity for the progesterone receptor used, in the acetate form, as a subdermal contraceptive. Nonandrogenic progestogen.

7735 Norethindrone

68-22-4 6790 200-681-6

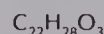


17-Hydroxy-19-nor-17 α -pregn-4-en-20-yn-3-one.

Conludag; Menzol; Micronor; Micronovum; Mini-Pe; Norcolut; Noriday; Norluten; Norlutin; Nor-QD; Primolut N; Utovlan; component of: Binovum, Brevicon, Brevinor, Conceplan, Modicon, Neocon 1/35, Norimin, Norinyl 1+35, Norquentiel, Ortho-Novum 1/35, Ortho-Novum 7/7/7, Ovcon, Ovysmen, Synphase, Tri-Norinyl, Trinovum, Norinyl-1, Ortho-Novin 1/50, Ortho-Novum 1/50. mp = 203-204°; $[\alpha]_D^{20} = -31.7^\circ$ (CHCl_3); λ_m 240 nm ($\log \epsilon$ 4.24 EtOH).

7736 Norethindrone Acetate

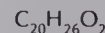
51-98-9 6790 200-132-0



17-Hydroxy-19-nor-17 α -pregn-4-en-20-yn-3-one acetate. Aygestin; Milligynon; Norlutate; Primolut-Nor; component of: Estrostep, Loestrin, Norlestrin, Etalotin, Primosiston, Anovlar, Gynovlar, Minovlar. mp = 161-162°; $\lambda_m = 240$ nm (ϵ 18690). *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Parke-Davis; Wyeth-Ayerst Labs.*

7737 Norethynodrel

68-23-5 6791 200-682-1



17-Hydroxy-19-nor-17 α -pregn-5(10)-en-20-yn-3-one.

SC-4642; NSC-15432; component of: Enovid. Progestogen. Used in combination with an estrogen (mestranol) as an oral contraceptive. mp = 167-190°; $[\alpha]_D = 108^\circ$ ($c = 1$ CHCl_3). *Searle, G.D., & Co.*

7738 Norgestimate

35189-28-7 6796



(+)-13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-en-20-yn-3-one oxime acetate.

ORF-10131; RWJ-10131; D-138; component of: Ortho-Cyclen, Cilest, Ortho Tri-Cyclen, Oritel, TriCilest. Progestogen. Used in combination with an estrogen (ethinyl estradiol) as an oral contraceptive. mp = 214-218°; $[\alpha]_D^{25} = 110^\circ$. *Ortho Pharmaceutical Corp.*

7739 Norgestrel

6533-00-2 6797 229-433-5
 $C_{21}H_{28}O_2$
 (±)-13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-en-20-yn-3-one.
 Ovrette, WY-3707; Neogest; component of: Lo/Ovral, Ovral. Progestogen. Used in combination with an estrogen (ethinyl estradiol) as an oral contraceptive. mp = 205-207°; λ_m 241 nm (ϵ 16700 EtOH). *Wyeth-Ayerst.*

7740 (+)-Norgestrel

797-64-8 6797
 $C_{21}H_{28}O_2$
 (+)-13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-en-20-yn-3-one.
 dextronorgestrel. Progestogen. mp = 238-242°; $[\alpha]_D^{25} = 40.7^\circ$ (CHCl₃). *Wyeth-Ayerst.*

7741 (-)-Norgestrel

797-63-7 6797
 $C_{21}H_{28}O_2$
 (-)-13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-en-20-yn-3-one.
 levonorgestrel; D-norgestrel; Microlut; Microval; Norgeston; Norplant; component of: Levlen, Logynon, Microgynon, Nordette, Ovrin, Ovrinette, Tetragynon, Tri-Levlen, Trinordiol, Triphasil. Progestogen. Used in combination with an estrogen (ethinyl estradiol) as an oral contraceptive. mp = 235-237°; $[\alpha]_D^{20} = -32.4^\circ$ (c = 0.496 CHCl₃) λ_m 241 nm (ϵ 16770 MeOH). *Wyeth-Ayerst.*

Cytoprotectants

7742 Aceglutamide Aluminum

12607-92-0 25
 $C_{35}H_{59}Al_3N_{10}O_{24}$
 Pentakis (N²-acetil-L-glutaminato)terahydroxytrialuminum. Glumal; KW-110. Anti-ulcerative. mp = 221° (dec); soluble in H₂O; insoluble in MeOH, EtOH, Me₂CO; LD₅₀ (mmus orl) = 14.3 g/kg, (mmus ip) = 5.0 g/kg, (mmus iv) = 0.46 g/kg, (mrat orl) > 14.5 g/kg, (mrat ip) = 4.2 g/kg, (mrat iv) = 0.40 g/kg. *Kyowa Hakko Kogyo Co., Ltd.*

7743 Acetoxolone

6277-14-1 76 228-475-1
 $C_{32}H_{48}O_5$
 (20 β)-3 β -(acetyloxy)-11-oxoolean-12-en-29-oic acid. acetylgyccyrhethinic acid; glyccyrhethic acid acetate. Anti-ulcerative. mp = 322-325°; $[\alpha]_D^{20} = 141^\circ$. *Dott. Inverni & Della Beffa.*

7744 Acetoxolone Aluminum Salt

29728-34-5 76 249-815-5
 $C_{96}H_{141}AlO_{15}$
 (20 β)-3 β -(Acetyloxy)-11-oxoolean-12-en-29-oic acid

aluminum salt.

Oriens. Anti-ulcerative. mp = 286-290°; $[\alpha]_D^{20} = 126^\circ \pm 2^\circ$ (c = 1 CHCl₃); insoluble in H₂O; LD₅₀ (mrat orl) > 3300 mg/kg. *Dott. Inverni & Della Beffa.*

7745 Benexate Hydrochloride

78718-25-9 1065
 $C_{23}H_{28}ClN_3O_4$
 trans-2-[[[4-[[[(Aminoiminomethyl)amino]methyl]-cyclohexyl]carbonyl]oxy]benzoic acid phenmethyl ester monohydrochloride.
 Anti-ulcerative. Synthetic protease inhibitor. mp = 83°. *Nippon Chemiphar.*

7746 Carbenoxolone

5697-56-3 1839 227-174-2
 $C_{34}H_{50}O_7$
 3 β -Hydroxy-11-oxoolean-12-en-30-oic acid hydrogen succinate.
 Anti-ulcerative. mp = 291-294°; $[\alpha]_D^{20} = 128^\circ$ (CHCl₃). *Biorex.*

7747 Carbenoxolone Sodium

7421-40-1 1839 231-044-0
 $C_{34}H_{48}Na_2O_7$
 3 β -Hydroxy-11-oxoolean-12-en-30-oic acid hydrogen succinate disodium salt.
 Biogastrone; Bioplex; Bioral; Duogastrone; Neogel; Pyrogastrone; Sanodin; Ulcus-Tablinen. Anti-ulcerative. A proprietary preparation of carbenoxolone sodium; a gastro-intestinal sedative. soluble in H₂O; LD₅₀ (mmus ip) = 120 mg/kg, (mmus iv) = 198 mg/kg, (mrat orl) = 3200 mg/kg. *Biorex.*

7748 Cetraxate

34675-84-8 2067
 $C_{17}H_{23}NO_4$
 p-Hydroxyhydrocinnamic acid
 trans-4-(aminomethyl)cyclohexanecarboxylate.
 DV-1006; Neuer. Anti-ulcerative. Derivative of tranexamic acid. mp = 200-280°. *Daiichi Seiyaku.*

7749 Cetraxate Hydrochloride

27724-96-5 2067
 $C_{17}H_{24}ClNO_4$
 p-Hydroxyhydrocinnamic acid trans-4-(aminomethyl)cyclohexanecarboxylate hydrochloride. DV-1006; Neuer. Anti-ulcerative. Derivative of tranexamic acid. mp = 238-240°. *Daiichi Seiyaku.*

7750 Guaiazulene

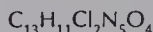
489-84-9 4581 207-701-2
 $C_{15}H_{18}$
 1,4-Dimethyl-7-(1-methylethyl)azulene.
 S-guaiazulene; AZ 8; AZ 8 Beris; Eucazulen; Kessazulen; Vaumigan. Anti-inflammatory and anti-ulcerative. Blue oil; bp₁₀ = 165-170°.

7751 Irsogladine

57381-26-7 5113
 $C_9H_7Cl_2N_5$
 2,4-Diamino-6-(2,5-dichlorophenyl)-s-triazine.
 dicloguamine. Anti-ulcerative. mp = 268-269°. *Nippon Shinyaku.*

7752 Irsogladine Maleate

84504-69-8 5113



2,4-Diamino-6-(2,5-dichlorophenyl)-s-triazine maleate.

MN-1695; Gaslon. Anti-ulcerative. mp = 205° (dec); LD₅₀ (mmus orl) = 6035 mg/kg, (mmus sc) = 2841 mg/kg, (mmus ip) = 775 mg/kg, (fms orl) = 5697 mg/kg, (fms sc) = 3216 mg/kg, (fms ip) = 1006 mg/kg, (mrat orl) = 3898 mg/kg, (mrat sc) = 1600 mg/kg, (mrat ip) = 558 mg/kg, (frat orl) = 2917 mg/kg, (frat sc) = 1524 mg/kg, (frat ip) = 545 mg/kg. *Nippon Shinyaku*.

7753 Nitecapone

116313-94-1



3-(3,4-Dihydroxy-5-nitrobenzylidene)-2,4-pentanedione. OR-462. Nitrocatechol-type catechol-O-methyltransferase inhibitor. Antioxidant; cytoprotectant.

7754 Picoprazole

78090-11-6

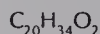


Methyl 6-methyl-2-[[[3-methyl-2-pyridyl)methyl]sulfinyl]-5-benzimidazolecarboxylate.

H 149/94. A benzimidazole derivative that suppresses acid secretion through inhibition of (H⁺/K⁺)-ATPase. Antiulcerative; cytoprotectant.

7755 Plaunotol

64218-02-6 7692

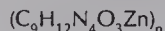


(2Z,6E)-2-[(3E)-4,8-Dimethyl-3,7-nonadienyl]-6-methyl-2,6-octadiene-1,8-diol.

CS-684; Kelnac. Anti-ulcerative. Soluble in organic solvents, insoluble in H₂O; LD₅₀ (mmus orl) = 8800 μl/kg, (fms orl) = 8100 μl/kg, (mrat orl) = 10900 μl/kg, (frat orl) = 11200 μl/kg. *Sankyo*.

7756 Polaprezinc

107667-60-7 7712



[N-β-Alanyl-L-histidinato(2-)-N,N',O^α]zinc.

zinc L-carnosine; Z-103; Promac. Anti-ulcerative. Has antioxidant and gastroprotective properties. Insoluble in H₂O; LD₅₀ (mmus ip) = 220 mg/kg, (mmus sc) = 758 mg/kg, (mmus orl) = 1269 mg/kg, (fms ip) = 165 mg/kg, (fms sc) = 874 mg/kg, (fms orl) = 1331 mg/kg, (mrat ip) = 405 mg/kg, (mrat sc) > 5000 mg/kg, (mrat orl) = 8441 mg/kg, (frat ip) = 422 mg/kg, (frat sc) > 5000 mg/kg, (frat orl) = 7375 mg/kg. *Hamari*.

7757 Rebamipide

90098-04-7 8296

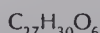


(±)-α-(p-Chlorobenzamido)-1,2-dihydro-2-oxo-4-quinolinepropionic acid.

OPC-12759; Mucosta; proamipide. Anti-ulcerative. Gastric cytoprotectant. mp = 288-290° (dec). *Otsuka America Pharmaceuticals, Inc.*

7758 Sofalcone

64506-49-6 8850

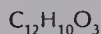


[5-[(3-Methyl-2-butenyl)oxy]-2-[p-[(3-methyl-2-butenyl)oxy]cinnamoyl]phenoxy]acetic acid.

Su-88; Solon. Anti-ulcerative. mp = 143-144°; LD₅₀ (mus, rat orl) > 10 g/kg. *Taisho*.

7759 Spizofurone

72492-12-7 8918

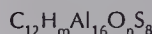


5-Acetylspiro[benzofuran-2(3H),1'-cyclopropan]-3-one.

AG-629; Maon. Anti-ulcerative. mp = 102-104°, 106-107°. *Takeda*.

7760 Sucralfate

54182-58-0 9049 259-018-4



Sucrose octakis(hydrogen sulfate) aluminum complex.

Carafate; Antepsin; Citogel; Hexagastron; Keal; Succosa; Sucralfin; Sucrate; Sugast; Sulcrate; Ulcar; Ulcerlmin; Ulcogant. Gastrointestinal anti-ulcerative. Insoluble in H₂O, EtOH; soluble in dilute HCl and NaOH solutions. *Hoechst Marion Roussel Inc.; Chugai Pharmaceutical Co., Ltd.*

7761 Sulglicotide

54182-59-1

Sulfuric polyester of a glycopeptide isolated from pig duodenum.

sulglicotide. Sulfoglycopeptide. Antiulcerative; cytoprotectant.

7762 Teprenone

6809-52-5 9296

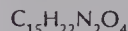


6,10,14,18-Tetramethyl-5,9,13,17-nonadecatetraene-2-one; mixture of (5E,9E,13E) and (5Z,9E,13E) isomers.

geranylgeranylacetone; GGA; E-0671; E36U31; Selbex. Anti-ulcerative. bp_{0.01} = 155-160°; d₄^{20.5} = 0.9081.

7763 Troxipide

99777-81-8 9921

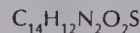


(±)-(3,4,5-Trimethoxy-N-3-piperidyl)benzamide.

KU-54; Aplace. Anti-ulcerative. mp = 179-185°; soluble in EtOH; LD₅₀ (mrat orl) = 500 mg/kg, (mrat sc) > 4150 mg/kg, (mrat ip) = 340 mg/kg, (frat orl) = 2100 mg/kg, (frat sc) > 4150 mg/kg, (frat ip) = 340 mg/kg, (mmus orl) = 2200 mg/kg, (mmus sc) = 1600 mg/kg, (mmus ip) = 300 mg/kg, (fms orl) = 2000 mg/kg, (fms sc) = 1550 mg/kg, (fms ip) = 305 mg/kg. *Kyorin*.

7764 Zolimidine

1222-57-7 10320 214-947-4



2-[4-(Methylsulfonyl)phenyl]imidazo[1,2-a]pyridine.

zoliridine; Solimidin. Anti-ulcerative. Non-cholinergic gastroprotective agent. mp = 242-244°; LD₅₀ (rat orl) = 3710 mg/kg; [hydrochloride]: LD₅₀ (mus ip) = 800 mg/kg. *Selvi*.

Decongestants

7765 Amidephrine

3354-67-4 418



3'-[1-Hydroxy-2-(methylamino)ethyl]methanesulfonanilide.

amidefrine; MJ-1996. Vasoconstrictor; decongestant (nasal); adrenergic. α -adrenergic receptor agonist. mp = 159-161°. *Mead Johnson Labs.*

7766 Amidephrine Mesylate

1421-68-7 418



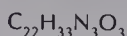
3'-[1-Hydroxy-2-(methylamino)ethyl]

methanesulfonanilide monomethanesulfonate (salt).

amidephrine monomethanesulfonate; amidefrine mesilate; MJ-5190; Dircol; Fentrinol; Nalde. Vasoconstrictor; decongestant (nasal); adrenergic. α -adrenergic receptor agonist. mp = 207-209°; LD₅₀ (frat orl) = 13-36 mg/kg. *Mead Johnson Labs.*

7767 Barbexaclone

4388-82-3 8045 224-504-7

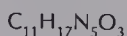


(-)-N, α -Dimethylcyclohexaneethylamine compound with 5-ethyl-5-phenylbarbituric acid (1:1).

l-propylhexedrine ethylphenylbarbiturate; Maliasin. Adrenergic (vasoconstrictor); decongestant. See propylhexedrine. *SmithKline Beecham Pharmaceuticals.*

7768 Cafaminol

30924-31-3 1671 250-390-3



3,7-Dihydro-8-[(2-hydroxyethyl)methylamino]-1,3,7-trimethyl-1H-purine-2,6-dione.

methylcoffanolamine; Rhinoptil. Decongestant (nasal). Alkanolamine derivative of caffeine. mp = 162-164°; soluble in H₂O (6 g/100 ml); pH (aqueous solution) = 6.9; LD₅₀ (mmus sc) = 700 mg/kg.

7769 Cyclopentamine Hydrochloride

102-45-4 2808

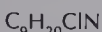
N, α -Dimethylcyclopentaneethylamine.

cyclopentadrine; Clopane; Cyklosal; Cyclonarol; Sinos.

Adrenergic (vasoconstrictor); nasal decongestant. bp₃₀ = 83-86°; n_D^{25} = 1.4500. *Eli Lilly & Co.*

7770 Cyclopentamine Hydrochloride

3459-06-1 2808 208-681-8

N, α -Dimethylcyclopentaneethylamine hydrochloride.

Clopane Hydrochloride; component of: Aerolone Solution. Adrenergic (vasoconstrictor); nasal decongestant. mp = 113-115°; soluble in H₂O. *Eli Lilly & Co.*

7771 d-Ephedrine

321-98-2 3645 206-293-3



D-Erythro-2-(methylamino)-1-phenylpropan-1-ol.

(+)-ephedrine; d-pseudoephedrine; d- ψ -ephedrine; d-isoeephedrine. Decongestant. Adrenergic agonist. A stereoisomer of ephedrine. mp = 119°; $[\alpha]_D^{20}$ = +51° (c = 0.6 in EtOH); pH (0.5% aqueous solution) = 10.8; sparingly soluble in H₂O; soluble in EtOH, Et₂O. *Eli Lilly & Co.*

7772 d-Ephedrine Hydrochloride

24221-86-1 3645 246-090-7

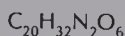


D-Erythro-2-(methylamino)-1-phenylpropan-1-ol hydrochloride.

(+)-ephedrine hydrochloride; d-pseudoephedrine hydrochloride; Galpseud; Novafed; Otrinol; Rhinalair; Sinufed; Sudafed; Symptom 2. Decongestant. Adrenergic agonist. A stereoisomer of ephedrine. mp = 181-182°; $[\alpha]_D^{20}$ = +62° (c = 0.8); λ_m = 208, 251, 257, 264 nm (ϵ 8300, 161, 201, 161 EtOH); pKa = 9.22; pH (0.5% aqueous solution) = 5.9; soluble in H₂O, EtOH, CHCl₃; LD₅₀ (mus ip) = 165 mg/kg. *Burroughs Wellcome; Marion Merrell Dow Inc.*

7773 d-Ephedrine Sulfate

3645

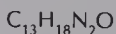


D-Erythro-2-(methylamino)-1-phenylpropan-1-ol sulfate (2:1) salt.

Afrinol. Decongestant. Adrenergic agonist. A stereoisomer of ephedrine. *Schering AG.*

7774 Fenoxazoline

4846-91-7 4025 225-437-6



4,5-Dihydro-2-[[2-(1-methylethyl)phenoxy]methyl]-1H-imidazole.

phenoxazoline. CNS Stimulant. *Lab. Dausse.***7775 Fenoxazoline Hydrochloride**

21370-21-8 4025



4,5-Dihydro-2-[[2-(1-methylethyl)phenoxy]methyl]-1H-imidazole monohydrochloride.

Aturgyl; Snup. CNS Stimulant. mp = 174°; soluble in H₂O, EtOH. *Lab. Dausse.*

7776 Indanazoline

40507-78-6 4967

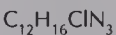


2-(4-Indanylamino)-2-imidazoline.

Decongestant (nasal); vasoconstrictor. mp = 109-113°. *Nordmark.*

7777 Indanazoline Hydrochloride

40507-80-0 4967 254-945-0



2-(4-Indanylamino)-2-imidazoline hydrochloride.

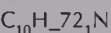
E-VA-16; Farial. Decongestant (nasal); vasoconstrictor. mp = 182-184°; LD₅₀ (mmus orl) = 179 mg/kg, (fms orl) = 233 mg/kg, (mrat orl) = 481 mg/kg, (mmus iv) = 22.3 mg/kg. *Nordmark.*

7778 Levmetamfetamine

33817-09-3

(-)-(R)-N, α -Dimethylphenethylamine.**7779 Levopropylhexedrine**

6192-97-8 8045 228-245-0

(-)-N, α -Dimethylcyclohexaneethylamine.

l-propylhexedrine. Adrenergic (vasoconstrictor); decongestant. See propylhexedrine. Oily liquid; bp₉ = 80-81°; n_D^{20} = 1.4590. *SmithKline Beecham Pharmaceuticals.*

7780 Metizoline

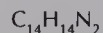
17692-22-7 6223

2-[2-Methylbenzo[b]thien-3-yl)methyl]-2-imidazoline.
benazoline. Adrenergic (vasoconstrictor); decongestant.
mp = 156-157°. *Merck & Co., Inc.***7781 Metizoline Hydrochloride**

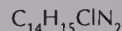
5090-37-9 6223 225-811-9

2-[2-Methylbenzo[b]thien-3-yl)methyl]-2-imidazoline
monohydrochloride.
EX-10-781; RMI-10482A; Ellsyl. Adrenergic
(vasoconstrictor); decongestant. mp = 244-246°; slightly
soluble in H_2O ; soluble in alcohols; nearly insoluble in
 $CHCl_3$; LD_{50} (mus ip) = 49 mg/kg; (mus ip) = 9.1 mg/kg;
(mus orl) = 155 mg/kg; (rat orl) = 74 mg/kg. *Marion
Merrell Dow Inc.; Merck & Co., Inc.***7782 Naphazoline**

835-31-4 6455 212-641-5

2-(1-Naphthylmethyl)-2-imidazoline.
Adrenergic (vasoconstrictor); decongestant. α -Adrenergic
agonist. *Lovens Komiske Fabrik.***7783 Naphazoline Hydrochloride**

550-99-2 6455 208-989-2

2-(1-Naphthylmethyl)-2-imidazoline monohydrochloride.
Ak-Con; Albalon; Clera; Coldan; Iridina Due; Naphcon;
Niazol; Opcon; Privine Hydrochloride; Rhinatin;
Rhinoperd; Sanorin, Sanorin-Spofa; Strictylon; Allerest
Eye Drops; Comfort Eye Drops; Degest-2; Vasoclear;
Vasocon; component of: Abalon-A Liquifilm, Clear Eyes,
Naphcon-A, VasoClear A, Vasocon-A. Adrenergic
(vasoconstrictor); decongestant. α -Adrenergic agonist. mp
= 255-260°; λ_m = 223, 270, 280, 287, 291 nm ($E_{1cm}^{1\%}$
3622; 239; 286, 196, 198 EtOH); pKa (25°C) = 10.35;
soluble in H_2O (40 g/100 ml), EtOH, slightly soluble in
 $CHCl_3$, insoluble in C_6H_6 , Et_2O ; LD_{50} (rat sc) = 385
mg/kg. *Lovens Komiske Fabrik; Alcon Labs.; Allergan,
Inc.; Ciba-Geigy Corp.; Fisons Corp.; Iolab; Ross
Products.; Sola/Barnes-Hind.***7784 Nemazoline**

130759-56-7



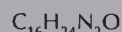
2-(4-Amino-3,5-dichlorobenzyl)-2-imidazoline.

7785 Octodrine

543-82-8 6854 208-851-1

1,5-Dimethylhexylamine.
SKF-51; Vaporac. Decongestant; adrenergic
(vasoconstrictor). α -Adrenergic agonist. Viscous liquid;
[(dl)-form]: bp = 154-156°; n_D^{24} = 1.4200. *SmithKline
Beecham Pharmaceuticals.***7786 Oxymetazoline**

1491-59-4 7100 216-079-1

3-[(4,5-Dihydro-1H-imidazol-2-yl)methyl]-6-(1,1-
dimethylethyl)-2,4-dimethylphenol.
H-990; Hazol; Navasin; Nezeril; Rhinofrenol; Rhinoltan;Sinerol. Adrenergic (vasoconstrictor); decongestant
(nasal). mp = 181-183°. *E. Merck.***7787 Oxymetazoline Hydrochloride**

2315-02-8 7100 219-015-0

3-[(4,5-Dihydro-1H-imidazol-2-yl)methyl]-6-(1,1-
dimethylethyl)-2,4-dimethylphenol monohydrochloride.
Sch-9384; Afrazine; Afrin; Iliadin; Nafrine; Nasivin;
Oxilin; Sinex; Allerest 12 Hour Nasal Spray; Dristan Long
Lasting Nasal Mist; Duration; Neo-Synephrine 12 Hour
NTZ; Nostrilla; Occuclear; Sinarest 12 Hour Nasal Spray.
Adrenergic (vasoconstrictor); decongestant (nasal). Dec
300-303°; soluble in H_2O , EtOH; nearly insoluble in
 Et_2O , $CHCl_3$, C_6H_6 ; LD_{50} (mus orl) = 10 mg/kg.
*Boehringer Ingelheim Ltd.; Fisons Corp.; E. Merck;
Schering AG; Schering-Plough HealthCare Products;
Sterling Winthrop, Inc.; Whitehall Labs.***7788 Phenylephrine**

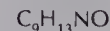
61-76-7 7440 200-424-8

(R)-3-Hydroxy- α -
[(methylamino)methyl]benzenemethanol.
Mydriatic; decongestant. α -Adrenergic agonist. mp =
169-172°.**7789 Phenylephrine Hydrochloride**

59-42-7 7440 200-517-3

(R)-3-Hydroxy- α -[(methylamino)methyl]benzenemethanol
hydrochloride.
metaoxedrin; Adrianol; Ak-Dilate; Ak-Nefrin; Isophrin; m-
Sympatol; Mezatol; Neophryn; Neo-Synephrine; Pyracort
D; Prefrin; Mydfrin; Alcon Efrin; Biomydrin; Nostril;
component of: Ceroze DM, Comhist, Cyclomydril,
Demazin, Dimetane Decongestant, Dristan Cold, Dristan
Nasal Mist, ENTEX; component of: Histalet Forte,
Hycomine Compound, Isopto Frin, Naldecon,
Novahistine, Op-Isophrin-Z, Phenergan VC, Prefrin-A, PV
Tussin Syrup, Relief, Ru-Tuss Liquid, Ru-Tuss Tablets,
Vasosulf, Zincfrin. Mydriatic; decongestant. α -Adrenergic
agonist. mp = 140-145°; $[\alpha]_D^{25}$ = -46.2° - -47.2°; soluble in
 H_2O , EtOH; LD_{50} (mus ip) 17 mg/kg, (mus sc) 33 mg/kg.
*Alcon Labs.; Boehringer Ingelheim Ltd.; Boots
Pharmaceuticals Inc.; Bristol-Myers Squibb Co.; DuPont
Merck Pharmaceutical Co.; Fisons Corp.; Marion Merrell
Dow Inc.; Norwich Eaton; Parke-Davis; Robins, A.H. Co.;
Schering AG; Schering-Plough HealthCare Products;
Solvay Animal Health, Inc.; Sterling Winthrop, Inc.;
Whitehall Labs.; Wyeth-Ayerst Labs.***7790 Phenylpropanolamine**

14838-15-4 7461 238-900-2

(1R,2SR)-2-Amino-1-phenylpropan-1-ol.
($\pm$)-norephedrine; dl-norephedrine. Decongestant;
anorexic. Sympathomimetic amine. [(dl)-form]: mp =
101-101.5°. *Knoll Pharmaceutical Co.***7791 Phenylpropanolamine Hydrochloride**

154-41-6 7461 205-826-7

(1R,2SR)-2-Amino-1-phenylpropan-1-ol hydrochloride.
($\pm$)-norephedrine hydrochloride; dl-norephedrine
hydrochloride; mydriatin; Kontexin; Monydrin; Obestat;

Propadrine; component of: A.R.M., Contac, Contac Severe Cold Formula, Cordicin, Corsym Capsules, Demazin, Diet Gard, Dimetapp, Drize, Endecon, ENTEX, Histabid Duracap, Histalet Forte, Hycomine, Hycomine Pediatric, Naldecon, Naldecon-CX, Naldecon-DX, Naldecon-EX, Naldetuss, Ornade, Tuss-Ornade, Rhinex D-Lay Tablets, Ru-Tuss Caplets, Tablets, Sine-Off Medicine, Sinubid, Trind, Trind-DM. Decongestant; anorexic. Sympathomimetic amine. mp = 190-194°; pKa 9.44; soluble in H₂O, EtOH; nearly insoluble in Et₂O, CHCl₃, C₆H₆; LD₅₀ (rat orl) = 1490 mg/kg. *Ascher, B.F. & Co.; Boots Pharmaceuticals Inc.; Bristol-Myers Squibb Co.; DuPont Merck Pharmaceutical Co.; Fisons Corp.; Glaxo Labs.; Lemmon Co.; Mead Johnson Labs.; Menley & James Labs., Inc.; Norwich Eaton; Robins, A.H. Co.; Sandoz Pharmaceuticals Corp.; Schering AG; SmithKline Beecham Pharmaceuticals; Solvay Pharmaceuticals; Whitehall Labs.*

7792 Propylhexedrine

101-40-6 8045 222-741-0
C₁₀H₂₁N
(±)-N,α-Dimethylcyclohexaneethylamine.
hexahydrodesoxyephedrine; Benzedrex; Dristan Inhaler. Adrenergic (vasoconstrictor); decongestant. Oily liquid; bp₇₆₀ = 205°; bp₂₀ = 92-93°; [(d)-form]: bp₁₀ = 82-83°; [(l)-form]: bp₉ = 80-81°; d₄²⁵ = 0.8501; n_D²⁰ = 1.4600; [(d)-form]: n_D²⁰ = 1.4588; [(l)-form]: n_D²⁰ = 1.4590; slightly soluble in H₂O; miscible with EtOH, CHCl₃, Et₂O. *Menley & James Labs., Inc.; SmithKline Beecham Pharmaceuticals; Whitehall Labs.*

7793 Propylhexedrine Hydrochloride

6192-95-9 8045 228-246-6
C₁₀H₂₂ClN
(±)-N,α-Dimethylcyclohexaneethylamine monohydrochloride.
Adrenergic (vasoconstrictor); decongestant. Dec 127-128°; soluble in H₂O. *SmithKline Beecham Pharmaceuticals.*

7794 Tetrahydrozoline

84-22-0 9358 201-522-3
C₁₃H₁₆N₂
2-(1,2,3,4-Tetrahydro-1-naphthyl)-2-imidazoline.
tetryzoline. Adrenergic (vasoconstrictor); decongestant. *Pfizer Inc.*

7795 Tetrahydrozoline Hydrochloride

522-48-5 9358 208-329-3
C₁₃H₁₇ClN₂
2-(1,2,3,4-Tetrahydro-1-naphthyl)-2-imidazoline monohydrochloride.
Murine Plus; Rhinopront; Soothe; Tinarhinin; Tyzanol; Tyzine; Visine; Yxin; component of: Colyrium Fresh-Eye Drops. Adrenergic (vasoconstrictor); decongestant. Dec 256-257°; λ_m = 264.5, 271.5 nm (A_{1cm}^{1%} 17.5, 15.5); soluble in H₂O, EtOH; slightly soluble in CHCl₃; nearly insoluble in Et₂O; pH (1% aqueous solution) = 5.0-6.5. *Alcon Labs.; Key Pharmaceuticals; Pfizer Inc.; Ross Products.; Wyeth-Ayerst Labs.*

7796 Tramazoline

1082-57-1 9702 214-105-6
C₁₃H₁₇N₃

4,5-Dihydro-N-(5,6,7,8-tetrahydro-1-naphthalenyl)-1H-imidazol-2-amine.
Decongestant; adrenergic (vasoconstrictor). α-Adrenergic agonist. mp = 142-143°. *Thomae.*

7797 Tramazoline Hydrochloride

3715-90-0 9702 223-064-3
C₁₃H₁₈ClN₃
4,5-Dihydro-N-(5,6,7,8-tetrahydro-1-naphthalenyl)-1H-imidazol-2-amine monohydrochloride.
KB-227; Bicion; Ellatun; Rhinspray; Rhinogutt; Rhinospray; Rinogutt; Towk. Decongestant; adrenergic (vasoconstrictor). α-Adrenergic agonist. mp = 172-174°; soluble in H₂O; LD₅₀ (mus orl) = 195 mg/kg. *Thomae.*

7798 Tuaminoheptane

123-82-0 9934 204-655-5
C₇H₁₇N
1-Methylhexylamine.
2-heptanamine; 2-aminoheptane. Decongestant (nasal); adrenergic (vasoconstrictor). α-Adrenergic agonist. Topical vasoconstrictor. Volatile liquid; bp₇₆₀ = 142-144°; n_D²⁵ = 0.7600-0.7660; n_D²⁵ = 1.4150-1.4200; pH (1% aqueous solution) = 11.45; slightly soluble in H₂O; soluble in EtOH, Et₂O, petroleum ether, CHCl₃, C₆H₆.

7799 Tuaminoheptane Sulfate

6411-75-2 9934 229-113-5
C₁₄H₃₆N₂O₄S
Bis[(1-methylhexyl)ammonium] sulfate.
2-heptanamine sulfate (2:1); Heptedrine. Decongestant (nasal); adrenergic (vasoconstrictor). α-Adrenergic agonist. Topical vasoconstrictor. Soluble in H₂O; pH (1% aqueous solution) = 5.4.

7800 Tymazoline

24243-97-8 9965
C₁₄H₂₀N₂O
2-(2-Isopropyl-5-methylphenoxyethyl)-2-imidazoline.
Pernazene. Decongestant (nasal). *Ciba plc.*

7801 Xylometazoline

526-36-3 10219 208-390-6
C₁₆H₂₄N₂
2-[[4-(1,1-Dimethylethyl)-2,6-dimethylphenyl]methyl]-4,5-dihydro-1H-imidazole.
Decongestant; adrenergic (vasoconstrictor). α-Adrenergic agonist. mp = 131-133°. *Ciba plc.*

7802 Xylometazoline Hydrochloride

1218-35-5 10219 214-936-4
C₁₆H₂₅ClN₂
2-[[4-(1,1-Dimethylethyl)-2,6-dimethylphenyl]methyl]-4,5-dihydro-1H-imidazole monohydrochloride.
Neo-Rhinoleina; Novorin; Olynth; Otriven; Otrix; Therapin; Xymelin; Neo-Synephrine II. Decongestant; adrenergic (vasoconstrictor). α-Adrenergic agonist. Soluble in H₂O (3%), MeOH, EtOH; nearly insoluble in Et₂O, C₆H₆. *Ciba plc; Ciba-Geigy Corp.; Sterling Winthrop, Inc.*

Depigmentors

7803 Captamine Hydrochloride

13242-44-9 236-221-6
 $C_4H_{12}ClNS$
 2-(Dimethylamino)ethanethiol hydrochloride.
 NSC-45463. Depigmentor. mp = 158-160°. *Schering Corp.*

7804 Hydroquinine

522-66-7 4852
 $C_{20}H_{26}N_2O_2$
 (8 α ,9R)-10,11-Dihydro-6'-methoxycinchonan-9-ol).
 dihydroquinine. Depigmentor. mp = 172°; $[\alpha]_D^{18} = -142^\circ$
 (EtOH), $[\alpha]_D^{20} = -236^\circ$ (c = 0.82 0.1N H_2SO_4); almost
 insoluble in H_2O (0.029 g/100 ml); freely soluble in
 EtOH, Me_2CO , $CHCl_3$, Et_2O , petroleum ether;
 [hydrochloride hemihydrate ($C_{20}H_{27}ClN_2O_2 \cdot 0.5H_2O$)] mp
 = 208°; $[\alpha]_D^{21} = -124^\circ$ (c = 1.1); insoluble in Et_2O ; freely
 soluble in H_2O , EtOH, MeOH, Me_2CO .

7805 Hydroquinone

123-31-9 4853 204-617-8
 $C_6H_6O_2$
 1,4-Benzenediol.
 Black & White Bleaching Cream; Eldopaque Forte;
 Eldoquin Forte; Solaquin Forte; Eldopacque; Tecquinol;
 quinol; Aida; component of: Artra. Depigmentor. mp =
 172-175°; bp = 285°; d = 1.3280; soluble in H_2 (7.1
 g/100 ml), EtOH, Et_2O ; slightly soluble in C_6H_6 ; LD_{50} (rat
 orl) = 320 mg/kg. *Eastman Chemical Co.; ICN
 Pharmaceuticals, Inc.; Schering Corp.; Schering-Plough
 HealthCare Products.*

7806 Monobenzone

103-16-2 6331 203-083-3
 $C_{13}H_{12}O_2$
 4-Benzyloxyphenol.
 hydroquinone monobenzyl ether; Benoquin; Depigman;
 Pigmex; Benzoquin; Agerite. Depigmentor. mp = 121-
 123°; insoluble in cold H_2O ; soluble in hot H_2O ($\rightarrow$ 1
 g/100 ml); soluble in EtOH, Et_2O , C_6H_6 ; LD_{50} (rat ip) =
 4500 mg/kg.

Dermatitis Suppressants

7807 Dapsone

80-08-0 2885 201-248-4
 $C_{12}H_{12}N_2O_2S$
 4,4'-Sulfonylbisbenzeneamine.
 DDS; diaphenylsulfone; DADPS; 1358F; Avlosulfon;
 Croysulfone; Diphenasone; Disulone; Dumitone; Eporal;
 Novophone; Sulfona-Mae; Sulphadione; Udolac.
 Dermatitis suppressant and leprostatic agent. Used in the
 treatment of dermatitis herpetiformis. mp = 175-176°,
 180.5°; insoluble in H_2O ; soluble in EtOH, Me_2CO ,
 MeOH. *I.G. Farben.*

7808 Sulfapyridine

144-83-2 9108 205-642-7
 $C_{11}H_{11}N_3O_2S$
 4-Amino-N,2-pyridinylbenzenesulfonamide.

M&B-693; Dagenan; Eubasin; Pyriamid; Coccoclase;
 Septipulmon. Dermatitis suppressant. Used in the
 treatment of dermatitis herpetiformis. mp = 190-191°;
 soluble in H_2O (0.028 g/100 ml), EtOH (0.23 g/100 ml),
 Me_2CO (1.54 g/100 ml); LD_{50} (mus orl) = 7.5 mg/kg. *May
 & Baker Ltd.*

7809 Sulfapyridine Sodium Salt Monohydrate

127-57-1 9108 204-850-5
 $C_{11}H_{10}N_3NaO_2S \cdot H_2O$
 4-Amino-N,2-pyridinylbenzenesulfonamide sodium salt
 monohydrate.
 soluble sulfapyridine; Izopiridina; Soludagenan.
 Dermatitis suppressant. Used in the treatment of
 dermatitis herpetiformis. Soluble in H_2O (66.6 g/100 ml),
 EtOH (10 g/100 ml); LD_{50} (mus orl) = 2.7 mg/kg. *May &
 Baker Ltd.*

Digestive Aids

7810 α -Amylase, Bacterial

9000-85-5 640 232-560-9
 Digestive aid. Generally derived from bacteria such as
Bacillus subtilis. The amylases are enzymes that catalyze
 the hydrolysis of α -1 $\rightarrow$ 4 glucosidic linkages in
 polysaccharides.

7811 α -Amylase, Porcine

9000-90-2 640 232-565-6
 Buclamase; Maxilase. Digestive aid. Enzyme derived from
 swine pancreas. Molecular weight $\approx$ 45,000.

7812 α -Amylase, Sweet Potato

9000-91-3 640 232-566-1
 Digestive aid. Enzyme from sweet potato, molecular
 weight $\approx$ 152,000.

7813 Amylase

9000-92-4 640 232-567-7
 Digestive aid. Usually refers to α -amylase, an enzyme
 derived from bacteria.

7814 Lipase

9001-62-1 5536 232-619-9
 triacylglycerol lipase. Digestive aid. An esterase which
 hydrolyzes fats, producing fatty acids and glycerol.

7815 Pancreatin

8049-47-6 7137 232-468-9
 Diastase vera; Creon; Pancrease; Pancrex-Vet;
 Pankrotanon; Panzytrat; Zypanar. Digestive aid. An
 enzyme which converts starch into soluble
 carbohydrates.

7816 Pancrelipase

53608-75-6 7138 258-659-7
 Accelerase; Cotazym; Ilozyme; Ku-Zyme HP; Pancrease;
 Viokase. Digestive aid. Enzyme concentrate containing
 primarily lipase, and also amylase and proteases.

7817 Papain

9001-73-4 7148 232-627-2
 Papayotin; vegetable pepsin; Arbuz; Nematolyt;
 Summetrin; Tromasin; Verladon; Vermizym. Digestive
 aid. A proteolytic enzyme isolated from the fruit and
 leaves of *Carica papaya*. Used as a digestive aid, also as a

debridant, an anthelmintic targeting Nematodes and as an agent which can prevent adhesions.

7818 Pepsin

9001-75-6 7289 232-629-3
Puerzym. Digestive aid. Has been used to treat deficiency of pepsin secretion. The principal digestive enzyme in gastric juice; controls the degradation of proteins to proteoses and peptones hydrolyzing only peptide bonds. $[\alpha]_D^{26} = -64.5^\circ$ (pH 4.6); freely soluble in H_2O ; insoluble in $EtOH$, $CHCl_3$, Et_2O .

7819 Rennin

9001-98-3 8303 232-645-0
Chymosin; rennase; lab; abomasal enzyme. Digestive aid. The milk-clotting enzyme from the stomach of the calf. Secreted as prorennin which is converted to rennin in acid. Rennet, a dried extract containing rennin is used in the manufacture of cheese and rennet casein.

Diuretics**7820 Acefylline**

652-37-9 22 211-490-2
 $C_9H_{10}N_4O_4$
1,2,3,6-Tetrahydro-1,3-dimethyl-2,6-dioxopurine-7-acetic acid.
carboxymethyltheophylline; 7-theophyllineacetic acid; Aminodal [as sodium salt]. Diuretic, cardiotonic and bronchodilator. mp = 271° ; [sodium salt]: mp $> 300^\circ$. *E. Merck*.

7821 Acetazolamide

59-66-5 50 200-440-5
 $C_4H_6N_4O_3S_2$
N-(5-Sulfamoyl-1,3,4-thiadiazol-2-yl)acetamide.
acetazoleamide; carbonic anhydrase inhibitor 6063; acetamox; atenezol; cidamex; defiltran; diacarb; diamox; dilodoc; diluran; diureticum-Holzinger; diuriwas; diutazol; donmox; edemox; fonurit; glaupax; glupax; natrionex; nephramid; vetamox (sodium salt). Diuretic. Carbonic anhydrase inhibitor, used as diuretic, in treatment of glaucoma mp = $258-259^\circ$; sparingly soluble in H_2O ; pKa = 7.2. *Lederle Labs*.

7822 Acetazolamide Sodium

1424-27-7 50
 $C_4H_6N_4NaO_3S_2$
N-(5-Sulfamoyl-1,3,4-thiadiazol-2-yl)acetamide monosodium salt.
Diamox Parenteral; Vetamox. Diuretic. Carbonic anhydrase inhibitor, used as diuretic, in treatment of glaucoma. *Lederle Labs*.

7823 Alipamide

3184-59-6
 $C_9H_{12}ClN_3O_3S$
4-Chloro-3-sulfamoylbenzoic acid
2,2-dimethylhydrazide.
Cl-546; CN-38474; D-1721. Diuretic and antihypertensive. *Parke-Davis*.

7824 Althazide

5588-16-9 326 226-994-8
 $C_{11}H_{14}ClN_3O_4S_3$

3-[(Allylthio)methyl-6-chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.
P-1779; Altizide; Aldactazine. Diuretic and antihypertensive. mp = $206-207^\circ$. *Pfizer Inc*.

7825 Amanozine

537-17-7 388
 $C_9H_9N_5$
N-Phenyl-1,3,5-triazine-2,4-diamine.
N-phenylformoguanamine; W-1191-2; Urofort. Diuretic. mp = $235-236^\circ$; [hydrochloride]: mp = $258-260^\circ$. *Richter*.

7826 Ambuphylline

5634-34-4 404 227-077-5
 $C_{11}H_{19}N_5O_3$
2-Amino-2-methyl-1-propanol compound with theophylline.
Butaphyllamine; Nethaphyl; Bufylline; Buthoid. Diuretic and smooth muscle relaxant which serves as a bronchodilator. mp = $254-256^\circ$; soluble in H_2O (55 g/100 ml); LD₅₀ (rbt iv) = 163 mg/kg, (mus orl) = 600 mg/kg. *Marion Merrell Dow Inc*.

7827 Ambuside

3754-19-6 405 223-158-4
 $C_{13}H_{16}ClN_3O_5S_2$
N-Allyl-4-chloro-6-[(3-hydroxy-2-butenylidene)amino]-m-benzenedisulfonamide.
EX-4810; RMI-83047; Hydrion; Novohydrin. Diuretic and antihypertensive. mp = $205-207^\circ$; $\lambda_m = 343$ nm (ϵ 32900). *Marion Merrell Dow Inc*.

7828 Amiloride

2609-46-3 426 220-024-7
 $C_6H_8ClN_7O$
N-Amidino-3,5-diamino-6-chloropyrazinecarboxamide.
guanampazine; amipramidin; amipramizide. Diuretic. mp = $240.5-241.5^\circ$. *Merck & Co., Inc*.

7829 Amiloride Hydrochloride

17440-83-4 426
 $C_6H_9Cl_2N_7O \cdot 2H_2O$
N-Amidino-3,5-diamino-6-chloropyrazinecarboxamide monohydrochloride dihydrate.
Amilorin; Frumil; Midamide; Midamor; Moduretic; N-Amidino-3,5-diamino-6-chloropyrazinecarboxamide monohydrochloride dihydrate; Amikal; Colectril; Modamide. Diuretic. Potassium conserving agent, diuretic. mp = $285-288^\circ$; $\lambda_m = 212, 285, 362$ nm ($\epsilon_{1\text{ cm}}^{1\%}$ 642, 555, 617 H_2O); slightly soluble in H_2O , $EtOH$; insoluble in organic solvents; freely soluble in DMSO. *Merck & Co., Inc*.

7830 Aminometradine

642-44-4 471 211-384-6
 $C_9H_{13}N_3O_2$
1-Allyl-6-amino-3-ethyluracil.
Mictine; Katapyrin; Mincard; Catapyrin. Diuretic. mp = $75-115^\circ$, [anhydrous]: mp = $143-144^\circ$. *Searle, G.D., & Co*.

7831 Amisometradine

550-28-7 507 208-980-3
 $C_9H_{13}N_3O_2$
6-Amino-3-1-(2-methylallyl)-2,4(1H,3H)-

pyrimidinedione.

aminoisometradine; Rolicton. Diuretic. mp = 175°; soluble in H₂O (2 g/100 ml), EtOH, Me₂CO; insoluble in Et₂O; LD₅₀ (mus orl) = 610 mg/kg, (mus ip) = 415 mg/kg. *Searle, G.D., & Co.*

7832 Ammonium Acetate

631-61-8 520 211-162-9

C₂H₇NO₂

Acetic acid ammonium salt.

Mindererus's spirit. Diuretic. mp = 114°; d = 1.07;

soluble in H₂O, EtOH; less soluble in Me₂CO.

7833 Anaritide

95896-08-5

C₁₁₂H₁₇₅N₃₉O₃₅S₃

H-Arg-Ser-Ser-Cys-Phe-Gly-Glt-Arg-Met-Asp-Arg-Ile-Gly-Ala-Gln-Ser-Gly-Leu-Gly-Cys-Asn-Ser-Phe-Arg-Tyr-OH. atriopeptid-21 (rat), N-L-arginyl-8-L-methionine-21a-L-phenylalanine-21b-L-arginine-21c-L-tyrosine; Wyeth 47,663. Diuretic and antihypertensive. *Wyeth Labs.*

7834 Anaritide Acetate

104595-79-1

C₁₁₂H₁₇₅N₃₉O₃₅S₃·x C₂H₄O₂

H-Arg-Ser-Ser-Cys-Phe-Gly-Glt-Arg-Met-Asp-Arg-Ile-Gly-Ala-Gln-Ser-Gly-Leu-Gly-Cys-Asn-Ser-Phe-Arg-Tyr-OH·xCH₃COOH.

atriopeptid-21 (rat), N-L-arginyl-8-L-methionine-21a-L-phenylalanine-21b-L-arginine-21c-L-tyrosine, acetate (salt); acetate. Diuretic and antihypertensive. *Wyeth Labs.*

7835 Arbutin

497-76-7 812 207-850-3

C₁₂H₁₆O₇

4-Hydroxyphenyl-β-D-glucopyranoside.

hydroquinone glucose; arbutoside; ursin; Uvasol. Diuretic and urinary anti-infective. mp = 165°, 199.5-200°; [α]_D²⁵ = -64° (c = 3); soluble in H₂O, EtOH.

7836 Azolimine

40828-45-3

C₁₀H₁₁N₃O

2-Imino-3-methyl-1-phenyl-4-imidazolidinone.

CL-90748. Diuretic.

7837 Azosemide

27589-33-9 953 248-549-7

C₁₂H₁₁ClN₆O₂S₂

2-Chloro-5-(1H-tetrazol-5-yl)-N⁴-2-thenylsulfanilamide.

Ple-1053; Diart; Diurapid; Luret. Diuretic. mp = 218-221°. *Boehringer Mannheim GmbH.*

7838 Bemitradine

88133-11-3

C₁₅H₁₇N₅O

5-Amino-8-(2-ethoxyethyl)-7-phenyl-s-triazolo[1,5-c]pyrimidine.

SC-33643. Diuretic and antihypertensive. *Searle, G.D., & Co.*

7839 Bendroflumethazide

73-48-3 1064 200-800-1

C₁₅H₁₄F₃N₃O₄S₂

3-Benzyl-3,4-dihydro-6-(trifluoromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Naturetin; Corzide; Rautrax N; Rauzide; Aprinox; Benzy-Rodiuran; Berkozide; Bristuric; Bristuron; Centyl; Flumersil; Naturetin; Naturine; Neo-Naclex; Naigaril; Nikion; Orsile; Pluryle; Plusuril; Poliuron; Relan Beta; Salures; Sinesalin; Sodiuretic; Urlea. Diuretic and antihypertensive. mp = 224.5=225.5°, 221-223°; λ_m = 208, 273, 326 nm (E_{1cm}^{1%} 745, 565, 96 MeOH); soluble in Me₂CO, EtOH; insoluble in H₂O, CHCl₃, C₆H₆, Et₂O. *Apothecon; Bristol-Myers Squibb Co.*

7840 Benzthiazide

91-33-8 1155 202-061-0

C₁₅H₁₄ClN₃O₄S₃

3-[(Benzylthio)methyl]-6-chloro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Fovane; Exna; Aquatag; Dihydrex; Diucen; Edemex; ExNa; Exosalt; Freeuril; HyDrine; Lemazide; Proaqua; Urese. Diuretic. mp = 231-232°, 238-239°; insoluble in H₂O; soluble in alkaline solutions; LD₅₀ (rat orl) >10000 mg/kg, (rat iv) = 422 mg/kg, (mus orl) > 5000 mg/kg, (mus iv) = 410 mg/kg. *Robins, A.H. Co.*

7841 Benzylhydrochlorothiazide

1824-50-6 1171

C₁₄H₁₄ClN₃O₄S₂

3-Benzyl-3,4-dihydro-6-chloro-2H-1,2,4-thiadiazine-7-sulfonamide 1,1-dioxide.

Behyd. Diuretic and antihypertensive. mp = 260-262°, 269°.

7842 Besulpamide

90992-25-9

C₁₅H₁₆ClN₃O₃S

1-(4-Chloro-3-sulfamoylbenzamido)-2,4,6-trimethylpyridinium hydroxide inner salt.

Has diuretic properties.

7843 Brocricin

72481-99-3

C₁₅H₉BrFNO₄

[[7-Bromo-3-(o-fluorophenyl)-1,2-benzisoxazol-6-yl]-oxy]acetic acid.

HP-522; HP-3522; P-78-3522. Diuretic. *Hoechst-Roussel Pharmaceuticals Inc.*

7844 Bumetanide

28395-03-1 1508 249-004-6

C₁₇H₂₀N₂O₅S

3-(Butylamino)-4-phenoxy-5-sulfamoylbenzoic acid.

Bumex; PF-1593; Ro-10-6338; Burinex; Fontego; Fordiuran; Lixil; Lunetoron. Diuretic. mp = 230-231°; LD₅₀ (mus iv) = 330 mg/kg. *Hoffmann-LaRoche Inc.*

7845 Butazolamide

16790-49-1 1545

C₆H₁₀N₄O₃S₂

N-[5-(Aminosulfonyl)-1,3,4-thiadiazol-2-yl]butanamide.

SKF-4965; Butamide. Diuretic. mp = 260-262° (dec). *American Cyanamid.*

7846 Buthiazide

2043-38-1 1554 218-048-8

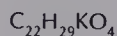


6-Chloro-3,4-dihydro-3-isobutyl-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Su-6187; S-3500; Eunephran; Saltucin; Modenol. Diuretic and antihypertensive. mp = 228°, 241-245°. Searle, G.D., & Co.

7847 Canrenoate Potassium

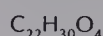
2181-04-6 1795 218-554-9

Potassium 17-hydroxy-3-oxo-17 α -pregna-4,6-diene-21-carboxylate.

SC-14266; Kanrenol; Soldactone; Venactone. Diuretic. Searle, G.D., & Co.

7848 Canrenoic Acid

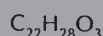
4138-96-9 223-963-0

17-Hydroxy-3-oxo-17 α -pregna-4,6-diene-21-carboxylic acid.

Diuretic. Searle, G.D., & Co.

7849 Canrenone

976-71-6 1795 213-554-5

17-Hydroxy-3-oxo-17 α -pregna-4,6-diene-21-carboxylic acid σ lactone.SC-9376; Phanurane. Diuretic. mp = 149-151°; $[\alpha]_D = 24.5^\circ$ (CHCl₃); $\lambda_m = 283$ nm (ϵ 26700). Searle, G.D., & Co.**7850 Chloraminophenamide**

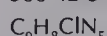
121-30-2 2119 204-463-1



4-Amino-6-chloro-1,3-benzenedisulfonamide.

Idorese. Diuretic. mp = 251-252°; $\lambda_m = 223.5$ -224.5, 265-266, 312-314 nm (ϵ 41776, 18633, 3874); slightly soluble in H₂O. Merck & Co., Inc.**7851 Chlorazani**

500-42-5 2123 207-904-6

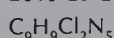


2-Amino-4-p-chloroanilino-s-triazine.

chlorazini; ASA-226; Diurazine; Triazurol; Orpizin; Daquin; Neo-Urofort; Neurofort. Diuretic. mp = 233-234°, 256-258°. 3M Pharmaceuticals.

7852 Chlorazani Hydrochloride

2019-25-2 2123 217-962-4

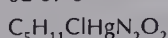


2-Amino-4-p-chloroanilino-s-triazine hydrochloride.

Daquin; Doclizid T; Orpidan. Diuretic. mp = 227-228°. 3M Pharmaceuticals.

7853 Chlormerodrin

62-37-3 2154 200-530-4



[3-(Chloromercuri)-2-methoxypropyl]urea.

Mercloran; Neohydrin; Katonil; Mercoral; Diurone; Percapyl; Merilid; Oricur. Diuretic. mp = 152-153°; soluble in H₂O (1.1 g/100 ml), EtOH (1.1 g/100 ml); poorly soluble in CHCl₃; LD₅₀ (rat orl) = 82 mg/kg. Parke-

Davis; Marion Merrell Dow Inc.

7854 Chlorothiazide

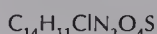
58-94-6 2221 200-404-9



6-Chloro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Chlotride; Diuril; Diuril Boluses; Aldoclor; Diupres; Diuril Lyovac [as sodium salt]; Lyovac Diuril [as sodium salt]. Diuretic and antihypertensive. mp = 342.5-343°; soluble in DMSO, DMF; less soluble in MeOH, C₅H₅N; insoluble in Et₂O, CHCl₃, C₆H₆; poorly soluble in H₂O. Merck & Co., Inc.**7855 Chlorthalidone**

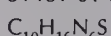
77-36-1 2246 201-022-5



2-Chloro-5-(1-hydroxy-3-oxo-1H-isoindoliny)benzenesulfonamide.

Hygroton; Thalitone; Combipres; Demi-Regroton; Regroton; Tenoretic; G-33182; NSC-69200. Diuretic and antihypertensive. mp = 224-226°; λ_m , 220 nm (MeOH); soluble in H₂O (12 mg/ml at 20°, 27 mg/ml at 37°); slightly soluble in EtOH, Et₂O. Rhône-Poulenc Rorer Pharmaceuticals Inc.**7856 Cimetidine**

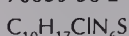
51481-61-9 2337



2-Cyano-1-methyl-3-[2-[[[5-methylimidazol-4-yl)methyl]thio]ethyl]guanidine.

Tagamet; SKF-92334; Acibilin; Acinil; Cimal; Cimetag; Cimetum; Edalene; Dyspamet; Eureceptor; Gastromet; Peptol; Tametin; Tratul; Ulcedin; Ulcedine; Ulcerfen; Ulcimet; Ulcofalk; Ulcomedina; Ulcomet; Ulhys. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. mp = 141-143°; soluble in H₂O (11.4 g/l 37°); LD₅₀ (mus orl) = 2600 mg/kg, (mus iv) = 150 mg/kg, (mus ip) = 470 mg/kg, (rat orl) = 5000 mg/kg, (rat iv) = 106 mg/kg, (rat ip) = 650 mg/kg. Apoticon; Lemmon Co.; SmithKline Beecham Pharmaceuticals.**7857 Cimetidine Hydrochloride**

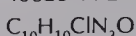
70059-30-2 2337



2-Cyano-1-methyl-3-[2-[[[5-methylimidazol-4-yl)methyl]thio]ethyl]guanidine monohydrochloride.

Tagamet Injection; Tagamet Liquid; Aciloc; Biomag; Brumetidina; Notul. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. Apoticon; Lemmon Co.; SmithKline Beecham Pharmaceuticals.**7858 Clazolimine**

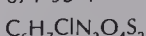
40828-44-2



1-(p-Chlorophenyl)-2-imino-3-methyl-4-imidazolidinone. CL-88893. Diuretic.

7859 Clofenamide

671-95-4 2434 211-588-5



4-Chloro-m-benzenedisulfonamide.

chlorphenamide; Salco; Saltron; Soluran; Aquedux; Haflutan. Diuretic. mp = 206-207°; soluble in hot H₂O,

EtOH; less soluble in cold solvents.

7860 Clopamide

636-54-4 2454 211-261-7
 $C_{14}H_{20}ClN_3O_3S$
 4-Chloro-N-(2,6-dimethylpiperidino)-3-sulfamoylbenzamide.
 Aquex; DT-327; Adurix; Brinaldix; chlorsudimeprimyl. Diuretic and antihypertensive. Sandoz Pharmaceuticals Corp.

7861 Clorexolone

2127-01-7 2466 218-342-6
 $C_{14}H_{17}ClN_2O_3S$
 6-Chloro-2-cyclohexyl-3-oxo-5-isindolinesulfonamide. M&B-8430; RP-12833; Flonatril; Nefrolan. Diuretic. mp = 266-268°; poorly soluble in H_2O (1.6 mg/100 ml). Marion Merrell Dow Inc.

7862 Cyclopenthiiazide

742-20-1 2813 212-012-5
 $C_{13}H_{18}ClN_3O_4S_2$
 6-Chloro-3-(cyclopentylmethyl)-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.
 Su-8341; NSC-107679; cyclomethiazide; tsiklometiazid; Su-8341; Navidrex; Navidrix; Salimid. Diuretic. mp = 230°; LD₅₀ (rat iv) = 142 mg/kg, (mus iv) = 232 mg/kg. Ciba-Geigy Corp.

7863 Diapamide

3688-85-5
 $C_9H_{11}ClN_2O_3S$
 4-Chloro-N-methyl-3-(methylsulfamoyl)benzamide. CI-456; CN-36,337; D-1593. Diuretic; antihypertensive. Parke-Davis.

7864 Disulfamide

671-88-5 3427 211-585-9
 $C_7H_9ClN_2O_4S_2$
 5-Chlorotoluene-2,4-disulfonamide.
 disulphamide; Disamide; Natirene 25. Diuretic. mp = 260°; λ_m = 285 nm (ϵ 805 EtOH); insoluble in H_2O ; soluble in EtOH (1.89 - 2.23 g/100 ml), iPrOH (0.35 g/100 ml), $CHCl_3$ (0.001 g/100 ml). BDH Laboratory Supplies.

7865 Epithiazide

1764-85-8 3661 217-181-9
 $C_{10}H_{11}ClF_3N_3O_4S_2$
 6-Chloro-3,4-dihydro-3[[2,2,2-trifluoroethyl]thio]-methyl]-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.
 P-2105; NSC-108164; Thiaver. Diuretic and antihypertensive. mp = 206-207°. Pfizer Inc.

7866 Ethacrynate Sodium

6500-81-8 3761
 $C_{13}H_{11}Cl_2NaO_4$
 Sodium [2,3-dichloro-4-(2-methylenebutyryl)phenoxy]-acetate.
 Edecrin sodium; Lyovac Sodium Edecrin. Diuretic. λ_m = 225 nm (ϵ 15287 H_2O); soluble in H_2O (< 9 g/100 ml). Merck & Co., Inc.

7867 Ethacrynic Acid

58-54-8 3761 200-384-1
 $C_{13}H_{12}Cl_2O_4$
 [2,3-Dichloro-4-(2-methylenebutyryl)phenoxy]acetic acid.
 Edecril; Edecrin; MK-595; Crinuril; Endecril; Hydromedin; Reomax; Taladren; Uregit. Diuretic. mp = 121-122°; sparingly soluble in H_2O , soluble in $CHCl_3$; LD₅₀ (mus iv) = 176 mg/kg, (mus orl) = 627 mg/kg. Merck & Co., Inc.

7868 Ethiazide

1824-58-4 3778 217-358-0
 $C_9H_{12}ClN_3O_4S_2$
 6-Chloro-3-ethyl-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.
 acthiazidum; Hypertane. Diuretic. mp = 269-270°. Ciba-Geigy Corp.; Merck & Co., Inc.; Lemmon Co.; Abbott Labs.; Parke-Davis; Searle, G.D., & Co.; Wallace Labs.; Squibb, E.R. & Sons; Solvay Pharmaceuticals; Lederle Labs.

7869 Ethoxzolamide

452-35-7 3801 207-199-5
 $C_9H_{10}N_2O_3S_2$
 6-Ethoxy-2-benzothiazolesulfonamide.
 ethoxzolamide; Cardrase; Ethamide; Glaucotensil; Redupresin. Diuretic. Carbonic anhydrase inhibitor, used as diuretic, in treatment of glaucoma. mp = 188-190.5°. Upjohn Ltd.

7870 Etozolin

73-09-6 3934 200-794-0
 $C_{13}H_{20}N_2O_3S$
 [3-Methyl-4-oxo-5-(1-piperidinyl)-2-thiazolidinylidene]acetic acid ethyl ester.
 Go-787; W-2900A; Elkapin. Diuretic. mp = 140°; λ_m = 283, 243 nm (log ϵ 4.32, 4.0 MeOH); LD₅₀ (mus ip) = 1.210 g/kg, (rat ip) = 1.575 g/kg; [hydrochloride]: mp = 158-159°. Warner Lambert.

7871 Famotidine

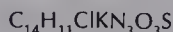
76824-35-6 3972
 $C_8H_{15}N_7O_2S_3$
 N¹-(Aminosulfonyl)-3-(((2-((diaminomethylene)amino)-4-thiazolyl)methyl)thio)propanimidamide.
 Pepcid; Pepcid PM; Amfamox; Pepcidine; Pepcid AC; MK-208. Histamine H_2 -receptor Antagonist. Used for short term treatment of active duodenal ulcers. mp = 163-164°; poorly soluble in H_2O (1 g/l); more soluble in DMF (800 g/l), AcOH (500 g/l), MeOH (3 g/l); insoluble in EtOH, EtOAc, $CHCl_3$; LD₅₀ (mus iv) = 244,4 mg/kg. Johnson & Johnson-Merck Consumer Pharmaceuticals; Merck & Co., Inc.

7872 Fenquizone

20287-37-0 4039 243-689-5
 $C_{14}H_{12}ClN_3O_3S$
 (±)-7-Chloro-1,2,3,4-tetrahydro-4-oxo-2-phenyl-6-quinazolinesulfonamide.
 M.G. 13054. Diuretic. mp > 310°; insoluble in H_2O . Maggioni Farmaceutici S.p.A.

7873 Fenquizone Monopotassium

52246-40-9 4039



(±)-7-Chloro-1,2,3,4-tetrahydro-4-oxo-2-phenyl-6-quinazolinesulfonamide monopotassium salt.

Idrolone. Diuretic. Soluble in H_2O . *Maggioni Farmaceutici S.p.A.***7874 Furosemide**

127-08-2 7764 204-822-2

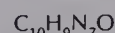


4-Chloro-N-furfuryl-5-sulfamoylanthranic acid.

Diuretic salt; Disal; Lasix; Frumil; LB-502; Aisemide; Beronald; Desdemin; Discoid; Diural; Dryptal; Durafurid; Errolon; Eutensin; Frusetic; Frusid; Fulsix; Fuluvamide; Furesis; Furo-Puren; Furosedon; Hydro-rapid; Impugan; Katlex; Lasilix; Lowpston; Macasirool; Mirfat; Nicorol; Odemase; Oedemex; Profemin; Rosemide; Rusyde; Trofurit; Urex. Diuretic. Furosemide used with controlled release potassium chloride to control edema. mp = 206°; λ_m = 288, 276, 336 nm ($E_{1\%}^{1\text{cm}}$ 945, 588, 144 95% EtOH); soluble in Me_2CO , MeOH, DMF; less soluble in EtOH, H_2O , $CHCl_3$, Et_2O ; LD₅₀ (frat orl) = 2600 mg/kg, (mrat orl) = 2820 mg/kg. *Astra Sweden; Fermenta Animal Health Co.; Elkins-Sinn; Hoechst-Roussel Pharmaceuticals Inc.; Parke-Davis; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

7875 Furterene

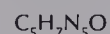
7761-75-3



2,4,7-Triamino-6-(2-furyl)-pteridine. Diuretic.

7876 Hydracarbazine

3614-47-9 4798 222-788-7



6-Hydrazino-6-pyridazinecarboxamide.

Normatensyl. Diuretic and antihypertensive. mp = 249-250° (dec). *Chimie et Atomistique.***7877 Hydrochlorothiazide**

58-93-5 4822 200-403-3

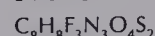


6-Chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Esidrex; Dichlotride; HydroDIURIL; Hydrozide; Oretic; Thiuretic; Acuretic; Aldactazide; Aldoril; Apresazide; Caplaril; Capozide; Dyazide; Esimil; H.H. 25/25; H.H. 50/50; Hydropres; Hyzaar; Inderide; Lopressor HCT; Lotensin HCT; Maxzide; Moduretic; Prinzide; Ser-Ap-Es; Timolide; Unipres; Vaseretic; Ziac. Diuretic. mp = 273-275°; λ_m = 317, 271, 226 nm ($A_{1\%}^{1\text{cm}}$ 130, 654, 1280 MeOH/HCl); soluble in MeOH, EtOH, Me_2CO ; insoluble in H_2O ; LD₅₀ (mus iv) = 590 mg/kg, (mus orl) > 8000 mg/kg. *Ciba-Geigy Corp.; Merck & Co., Inc.; Lemmon Co.; Abbott Labs.; Parke-Davis; Searle, G.D., & Co.; Wallace Labs.; Squibb, E.R. & Sons; Solvay Pharmaceuticals; Lederle Labs.; Wyeth Labs.*

7878 Hydroflumethiazide

54-31-9 4830 200-203-6



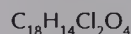
3,4-Dihydro-6-(trifluoromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Diumide-K; Diucardin; Saluron; Salutensin; dihydroflu-

methiazide; methforylthiazidine; metflorylthiazidine; Bristab; Bristurin; Di-Ademil; Diucardin; Elodrine; Finuret; Hydol; Hydrenox; Leodrine; NaClex; Olmagran; Rodiuran; Rontyl; Sisuril; Vergonil. Diuretic with antihypertensive properties. mp = 272-273°; λ_m = 272.5 nm (log ϵ 4.286 MeOH); soluble in Me_2CO (> 100 mg/ml), MeOH (58 mg/ml), CH_3CN (43 mg/ml), H_2O (0.3 mg/ml), Et_2O (0.2 mg/ml), C_6H_6 (< 0.1 mg/ml); LD₅₀ (mus orl) > 8000 mg/kg, (mus iv) = 750 mg/kg, (mus ip) = 6280 mg/kg. *Wyeth-Ayerst Labs.; Apothecon; Roberts Pharmaceutical Corp.*

7879 Indacrinone

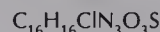
57296-63-6



(±)-[(6,7-Dichloro-2-methyl-1-oxo-2-phenyl-5-indanyl)-oxy]acetic acid.

MK-196. Diuretic and antihypertensive. *Merck & Co., Inc.***7880 Indapamide**

26807-65-8 4969 248-012-7



4-Chloro-N-(2-methyl-1-indoliny)-3-sulfamoylbenzamide.

Lozol; S-1520; SE-1520; Bajaten; Damide; Fludex; Indaflex; Indamol; Ipamix; Natrilix; Noranat; Tandix; Veroxil; Pressural [hemihydrate]. Diuretic and antihypertensive. mp = 160-162°; LD₅₀ (rat ip) = 393-421 mg/kg; (rat iv) = 394-440 mg/kg, (rat orl) > 3000 mg/kg, (mus ip) = 410-564 mg/kg, (mus iv) = 577-635 mg/kg, (mus orl) > 3000 mg/kg, (gpg ip) = 347-416 mg/kg, (gpg iv) = 272-358 mg/kg, (gpg orl) > 3000 mg/kg. *Apothecon; Rhône-Poulenc Rorer Pharmaceuticals Inc.*

7881 Isosorbide

652-67-5 5244 211-492-3



1,4:3,6-Dianhydro-D-glucitol.

Ismotic; AT-101; NSC-40725. Diuretic. mp = 61-64°; $[\alpha]_D$ = 44°. *Alcon Labs.***7882 Mannitol**

69-65-8 5788 200-711-8

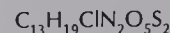


D-Mannitol.

Osmitol; Resectisol; SDM-25. Diuretic; also used as a renal function diagnostic aid. mp = 166-168°; bp_{3.5} = 290-295°; d^{20}_4 = 1.52; $[\alpha]_D^{20}$ = 23° (borax solution); soluble in H_2O (182 g/l), EtOH (12 g/l). *Astra Sweden; ICI Americas Inc.; Baxter Healthcare Corp.; Kendall McGaw Inc.; Zeneca Pharmaceuticals.*

7883 Mefruside

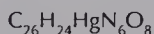
7195-27-9 5847 230-562-4

4-Chloro-N¹-methyl-N¹-(tetrahydro-2-methylfurfuryl)-m-benzenedisulfonamide.

BAY-1500; Baycaron. Diuretic. The I form is the more active diuretic. [dl form]: mp = 149-150°; [d form]: mp = 146°; $[\alpha]_{578}^{20}$ = +5.4° (c = 2.026 MeOH); [I form]: mp = 146°; $[\alpha]_{578}^{20}$ = -5.5° (c = 2.100 MeOH). *Bayer Corp.*

7884 Meralluride

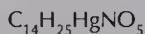
8069-64-5 5913



N-[[3-(Hydroxymercuri)-2-methoxypropyl]carbamoyl]-succinamic acid compound with theophylline.
Mercurhydrin; Dilurgen; Mercardan; Mercuretin. Diuretic.
Soluble in hot H_2O , AcOH ; insoluble in EtOH , CHCl_3 , Et_2O ; LD_{50} (rat sc) = 28 ± 7 mg/kg. *Marion Merrell Dow Inc.*

7885 Mercamphamide

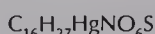
127-50-4 5915



3-[[3-(Hydroxymercuri)-2-methoxypropyl]carbamoyl]-1,2,2-trimethylcyclopentanecarboxylic acid.
Diuretic. Soluble in EtOH , slightly soluble in H_2O .

7886 Mercaptomerin

20223-84-1 5918



[3-(3-Carboxy-2,2,3-trimethylcyclopentanecarboxamido)-2-methoxypropyl](hydrogen mercaptoacetato)mercury.
Diuretic. *American Home Products.*

7887 Mercaptomerin Sodium

21259-76-7 5918 244-298-2



[3-(3-Carboxy-2,2,3-trimethylcyclopentanecarboxamido)-2-methoxypropyl](hydrogen mercaptoacetato)mercury disodium salt.
Diucardyn sodium; Thiomerin sodium. Diuretic. mp = $150\text{--}155^\circ$ (dec); soluble in H_2O , EtOH ; insoluble in Et_2O , C_6H_6 , CHCl_3 . *American Home Products.*

7888 Mercumillylic Acid-Theophylline Sodium

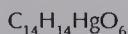
8018-15-3 5921



[3-(3-Carboxy-2-oxo-2H-1-benzopyran-8-yl)-2-methoxypropyl]hydroxymercurate(1-) sodium compound with theophylline.
mercumatilin sodium; Cumertilin sodium. Diuretic. Very soluble in H_2O ; LD_{50} (rat iv) = 9.8 mg Hg/kg, (rat orl) = 238 mg Hg/kg. *Endo.*

7889 Mercumatilin

86-36-2 5921



[3-(3-Carboxy-2-oxo-2H-1-benzopyran-8-yl)-2-methoxypropyl]hydroxymercurate(1-) hydrogen.
mercumallylic acid. Diuretic. mp = $155\text{--}160^\circ$, 197° ; slightly soluble in H_2O , EtOH , CHCl_3 ; insoluble in Et_2O . *Endo.*

7890 Mercurophylline

8012-34-8 5915



Sodium 3-[[3-(hydroxymercuri)-2-methoxypropyl]-camphoramate compound with theophylline.
Mercamphamide-theophylline; Novurit. Diuretic.

7891 Mersalyl

492-18-2 5962 207-748-9



Sodium o-[(3-hydroxymercuri-2-methoxypropyl)-

carbamoyl]phenoxyacetate.

Salyrgan; mercuramide; Mercusal; Mersalin. Diuretic.
Soluble in H_2O (1 g/ml), less soluble in organic solvents;
 LD_{50} (rat iv) = 17.7 mg/kg, (mus iv) = 72.6 mg/kg.
Hoechst; Ciba-Geigy Corp.

7892 Methalthiazide

5611-64-3



3-[(Allylthio)methyl]-6-chloro-3,4-dihydro-2-methyl-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.
P-2530. Diuretic and antihypertensive. *Pfizer Inc.*

7893 Methazolamide

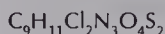
554-57-4 6031 209-066-7



N-(4-Methyl-2-sulfamoyl- Δ^2 -1,3,4-thiadiazolin-5-ylidene)acetamide.
Neptazane. Diuretic. mp = $213\text{--}214^\circ$; λ_m = 254 nm (log ϵ 3.66 95% EtOH), 247 nm (log ϵ 3.61 0.1N NaOH).
Lederle Labs.

7894 Methyclothiazide

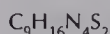
135-07-9 6086 205-172-2



6-Chloro-3-(chloromethyl)-3,4-dihydro-2-methyl-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.
Enduron; Aquatensen; Enduronyl; Eutron; NSC-110431;
Duretic; Naturon. Diuretic. mp = 225° ; λ_m = 226, 267, 311 nm (ϵ 39300, 21250, 3300 MeOH); very soluble in Me_2CO , $\text{C}_5\text{H}_5\text{N}$; less soluble in MeOH , EOH ; insoluble in H_2O , CHCl_3 , C_6H_6 . *Wallace Labs.; Carter-Wallace; Abbott Labs.*

7895 Metiamide

34839-70-8



1-Methyl-3-[2-[[5-methylimidazol-4-yl)methyl]thio]-ethyl]-2-thiourea.
SK&F-92058. Histamine H_2 -receptor Antagonist. Used as an anti-ulcerative. *SmithKline Beecham Pharmaceuticals.*

7896 Meticrane

1084-65-7 6220 214-112-4



7-Methylthiochroman-7-sulfonamide 1,1-dioxide.
SD-17102; Arresten; Fontilix. Diuretic. mp = $236\text{--}237^\circ$.
Soc. Ind. Fabric. Antiboit.

7897 Metochalcone

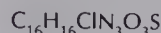
18493-30-6 6225 242-377-6



1-(2,4-Dimethoxyphenyl)-3-(4-methoxyphenyl)-2-propen-1-one.
CB-1314; Lesidrin; Vesidril; Vesidryl. Diuretic and choleric. mp = 97° .

7898 Metolazone

17560-51-9 6231 241-539-3



7-Chloro-1,2,3,4-tetrahydro-2-methyl-4-oxo-3-o-tolyl-6-quinazolinesulfonamide.
Mykrox; Zaroxolyn; SR-720-22; Diulo; Metenix; Oldren; Xuret. Diuretic and antihypertensive. mp = $252\text{--}254^\circ$; LD_{50}

(mus orl) > 5000 mg/kg, (mus ip) > 1500 mg/kg. *Fisons Corp.*

7899 7-Morpholinomethyltheophylline

5089-89-4 6363 225-808-2

$C_{12}H_{17}N_5O_3$

3,7-Dihydro-1,3-dimethyl-7-(4-morpholinylmethyl)-1H-purine-2,6-dione.

Xanturil. Diuretic. mp = 177°.

7900 Muzolimine

55294-15-0 6397 259-573-2

$C_{11}H_{11}Cl_2N_3O$

3-Amino-1-(3,4-dichloro- α -methyl)benzyl-2-pyrazolin-3-one.

Edrul®; BAY g 2821. Diuretic. mp = 127-129°; LD₅₀ (mus orl) = 1794 mg/kg, (dog orl) = 2000 mg/kg, (rbt orl) = 1250 mg/kg, (rat orl) = 1559 mg/kg. *Bayer Corp.*

7901 Niravoline

130610-93-4

$C_{22}H_{25}N_3O_3$

N-Methyl-2-(m-nitrophenyl)-N-[(1S,2S)-2-(1-pyrrolidinyl)-1-indanyl]acetamide.

RU-51599. A +lk-opioid receptor agonist. Diuretic; aquaretic. *Roussel-UCLAF.*

7902 Oleandrins

465-16-7 6963 207-361-5

$C_{32}H_{48}O_9$

16 β -(Acetyloxy)-3 β -[(2,6-dideoxy-3-O-methyl- α -L-arabino-hexopyranosyl)oxy]-14-hydroxy-5 β -card-20(22)-enolide.

neriolin; Corrigen; Folinerin. Diuretic and cardiotonic. mp = 250°; [α]_D²⁵ = -48.0° (c = 1.3 MeOH); λ_m = 220 nm (log ϵ 4.20); insoluble in H₂O; soluble in EtOH, CHCl₃.

7903 Oxmetidine

72830-39-8

$C_{19}H_{21}N_5O_3S$

2-[[2-[[[(5-Methylimidazol-4-yl)methyl]thio]ethyl]amino]-5-piperonyl-4-(1H)-pyrimidinone.

Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. *SmithKline Beecham Pharmaceuticals.*

7904 Oxmetidine Hydrochloride

63204-23-9

$C_{19}H_{23}Cl_2N_5O_3S$

2-[[2-[[[(5-Methylimidazol-4-yl)methyl]thio]ethyl]amino]-5-piperonyl-4-(1H)-pyrimidinone dihydrochloride.

SK&F-92994-A₂. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. *SmithKline Beecham Pharmaceuticals.*

7905 Oxmetidine Mesylate

84455-52-7

$C_{21}H_{29}N_5O_9S_3$

2-[[2-[[[(5-methylimidazol-4-yl)methyl]thio]ethyl]amino]-5-piperonyl-4-(1H)-pyrimidinone dimethanesulfonate.

SK&F-92994-J₂. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. *SmithKline Beecham Pharmaceuticals.*

7906 Oxycinchophen

485-89-2 7091 207-624-4

Antidiuretic, uricosuric. mp = 206-207°; slightly soluble in H₂O, more soluble in organic solvents.

7907 Ozolinone

56784-39-5 260-383-7

$C_{11}H_{16}N_2O_3S$

(Z)-3-Methyl-4-oxo-5-(1-piperidino- $\Delta^{2,\alpha}$ thiazolidine)acetic acid.

Goedecke 382. Diuretic. *Parke-Davis.*

7908 Pamabrom

606-04-2 7133 210-103-4

$C_{11}H_{18}BrN_5O_3$

8-Bromotheophylline compound with 2-amino-2-methyl-1-propanol.

Midol; Premsyn PMS; Sunril. Diuretic. Formulated with acetaminophen and pyrilamine maleate. mp = 300° (dec); soluble in H₂O (> 30 g/100 ml). *Sterling Health U.S.A.*

7909 Paraflutizide

1580-83-2 7157 216-426-7

$C_{14}H_{13}ClFN_3O_4S_2$

6-Chloro-3,4-dihydro-3-(p-fluorobenzyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

LD-3612. Diuretic. mp = 238-240°.

7910 Penflutizide

1766-91-2 217-186-6

$C_{13}H_{18}F_3N_3O_4S_2$

3,4-Dihydro-3-pentyl-6-trifluoromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

A photosensitive compound. A thiazide diuretic.

7911 Perhexiline

6621-47-2 7305 229-569-5

$C_{19}H_{35}N$

2-(2,2-Dicyclohexylethyl)piperidine.

Diuretic. Also behaves as a coronary vasodilator. [hydrochloride]: mp = 243-245.5°. *Marion Merrell Dow Inc.*

7912 Perhexiline Maleate

6724-53-4 7305 229-775-5

$C_{23}H_{39}NO_4$

2-(2,2-Dicyclohexylethyl)piperidine maleate.

Pexid. Diuretic. Also behaves as a coronary vasodilator. mp = 188-191°; LD₅₀ (rat orl) > 7 g/kg, (mus orl) = 4.37 g/kg. *Marion Merrell Dow Inc.*

7913 Piretanide

55837-27-9 7647 259-852-9

$C_{17}H_{18}N_2O_5S$

4-Phenoxy-3-(1-pyrrolidinyl)-5-sulfamoylbenzoic acid.

Arlix; HOE-118; S-73-4118; Arelix; Diumax; Eurelix; Tauliz. Diuretic. mp = 225-227°; fluoresces at 366 nm; LD₅₀ (rat orl) = 5601 mg/kg, (mus orl) = 3672 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.*

7914 Polythiazide

346-18-9 7744 206-468-4

$C_{11}H_{13}ClF_3N_3O_4S_3$

6-Chloro-3,4-dihydro-2-methyl-3-[(2,2,2-trifluoro-methyl)thio]methyl]-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide.

Renese; P-2525; NSC-108161; Drenusil; Nephрил. Diuretic and antihypertensive. mp= 202.5°; soluble in MeOH, Me₂CO; insoluble in H₂O, CHCl₃. *Pfizer Inc.*

7915 Potassium Bitartrate

868-14-4 7776 212-769-1
C₄H₅KO₆
[R-(R*,R*)]-2,3-Dihydroxybutanedioic acid monopotassium salt.
argol; potassium hydrogen tartrate; cream of tartar; cremor tartari; faecula; faecula. Diuretic, laxative and cathartic. A crystalline crust deposited on the sides of the vat in which grape juice has been fermented; it contains 40-70% tartaric acid, principally as potassium hydrogen tartrate. Used as a laxative, cathartic and diuretic. Soluble in H₂O (6.2 g/l at 25°, 61 g/l at 100°), less soluble in EtOH (1 g/l).

7916 Potassium Carbonate

584-08-7 7781 209-529-3
CK₂O₃
Carbonic acid potassium salt.
salt of tartar; pearl ash. Diuretic. d = 2.29; mp= 891°; soluble in H₂O (1 g/ml); insoluble in EtOH, organic solvents.

7917 Potassium nitrate

7757-79-1 7815 231-818-8
KNO₃
Nitric acid potassium salt.
saltpetre, niter. Diuretic. mp = 333°; d = 2.11; soluble in H₂O (350 mg/ml), insoluble in organic solvents; LD₅₀ (rbt orl) = 1.17 g/kg.

7918 Protheobromine

50-39-5 8072 200-034-8
C₁₀H₁₄N₄O₃
1-(2-Hydroxypropyl)-3,7-dihydro-3,7-dimethyl-1H-purine-2,6-dione.
Tebe; Bonicor. Diuretic. mp= 140-142°; soluble in H₂O, CHCl₃, EtOH; insoluble in Et₂O; LD₅₀ (mus sc) = 580 mg/kg.

7919 Quinethazone

73-49-4 8240 200-801-7
C₁₀H₁₂ClN₃O₃S
7-Chloro-2-ethyl-1,2,3,4-tetrahydro-4-oxo-6-quinazolin-sulfonamide.
CL-36010; Hydromox; Aquamox. Diuretic and antihypertensive. mp = 250-252°; soluble in Me₂CO, EtOH. *American Cyanamid.*

7920 Ranitidine

66357-35-5 8286
C₁₃H₂₂N₄O₃S
N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethylenediamine.
Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. mp = 69-70°. *Glaxo Wellcome, UK.*

7921 Ranitidine Bismuth Citrate

128345-62-0 8286
C₁₉H₂₇BiN₄O₁₀S
N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethylenediamine compound with

bismuth (3+) citrate (1:1).
Ranitidine bismutrex; GR-122311X; Pylorid. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. *Glaxo Wellcome, UK.*

7922 Ranitidine Hydrochloride

66357-59-3 8286
C₁₃H₂₃ClN₄O₃S
N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethylenediamine hydrochloride.
AH-19065; Azantac; Melfax; Noctone; Raniben; Ranidil; Raniplex; Zantac; Sostril; Taural; Terposen; Trigger; Ulcex; Ultidine; Zantic. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. mp = 133-134°; soluble in H₂O, AcOH; less soluble in EtOH, MeOH; insoluble in organic solvents. *Glaxo Wellcome, UK.*

7923 Sodium Citrate

68-04-2 8746 200-675-3
C₆H₅Na₃O₇
Trisodium citrate.
Cystemme; Citrosodine; Citnatin; Urisal. Diuretic. Used as a systemic alkalizer, diuretic, expectorant and sudorific. Soluble in H₂O (0.625 g/ml at 25°, 1.67 g/ml at 100°), insoluble in EtOH; LD₅₀ (rat ip) = 1548 mg/kg.

7924 Spironolactone

52-01-7 8917 200-133-6
C₂₄H₃₂O₄S
17-Hydroxy-7α-mercapto-3-oxo-17α-pregn-4-ene-21-carboxylic acid σ-lactone acetate.
Abbolactone; Aldactone; Aldactazide; SC-9420; Aldace; Aldopur; Almatol; Altex; Aquareduct; Deverol; Diatensec; Dira; Duraspiron; Euteberol; Lacalmin; Lacdene; Laractone; Nefurofan; Osiren; Osyrol; Sagisal; Sincomen; Spietic; Spiroctan; Spiroderm; Spirolone; Spiro-Tablinen; Supra-Puren; Suracton; Urusonin; Verospiron; Xenalon. Diuretic. Aldosterone antagonist. A proprietary preparation of spironolactone; used for edema in cirrhosis of the liver, nephrotic syndrome, congestive heart failure, potentiation of thiazide and loop diuretics, hypertension and Conn's syndrome. mp = 134-135°, 201-202°; [α]_D²⁰ = -33.5° (CHCl₃); λ_m = 238 nm (ε 20200); insoluble in H₂O, soluble in organic solvents. *Abbott Labs.; Searle, G.D., & Co.; Parke-Davis.*

7925 Spiroxasone

6673-97-8
C₂₄H₃₄O₃S
4',5'-Dihydro-7α-mercaptospiro[androst-4-ene-17,2'- (3'H)-furan]-3-one acetate.
Diuretic. *Merck & Co., Inc.*

7926 Sufotidine

80343-63-1
C₂₀H₃₁N₅O₃S
1-[m-[3-[[1-Methyl-3-[(methylsulfonyl)methyl]-1H-1,2,4-triazol-5-yl]amino]propoxy]benzyl]piperidine.
AH-25352X. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. *Glaxo Wellcome, UK.*

7927 Teclothiazide

4267-05-4 9261 224-253-3
C₈H₇Cl₄N₃O₄S₂
6-Chloro-3,4-dihydro-3-(trichloromethyl)-2H-1,2,4-

benzothiadiazine-7-sulfonamide 1,1-dioxide.
Diuretic. mp = 300-303°, 287°.

7928 **Teclothiazide Potassium**

5306-80-9 9261 226-157-7
 $C_8H_6Cl_4KN_3O_4S_2$
 6-Chloro-3,4-dihydro-3-(trichloromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide potassium salt.
 PS-207; K-33; Depleil. Diuretic. LD₅₀ (mus ip) = 4.75 g/kg.

7929 Theobromine

83-67-0 9418 201-494-2
C₇H₈N₄O₂
3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione.
3,7-dimethylxanthine. Diuretic, cardiotonic and
bronchodilator. mp= 357°; soluble in H₂O (0.5 g/l),
EtOH; insoluble in C₆H₆, Et₂O, CHCl₃, CCl₄.

7930 Theocalcin

8065-51-8	9418
C ₂₁ H ₁₈ CaN ₄ O ₈	
Theobromine compound with calcium salicylate.	
Calcium Diuretic. Diuretic. Amorphous powder, partially	
soluble in H ₂ O. <i>Knoll Pharmaceutical Co.</i>	

7931 Ticrynafen

40180-04-9 9570 254-826-3
C₁₃H₈Cl₂O₄S
[2,3-Dichloro-4-(2-thienylcarbonyl)phenoxy]acetic acid.
tienylic acid; thienylic acid; ANP-3624; CE-3624; SKF-
62698; Difluorex; Selacryn. Diuretic, uricosuric and
antihypertensive. mp = 148-149°, 157°; LD₅₀ (mus iv) =
225 mg/kg, (mus orl) = 1275 mg/kg. *SmithKline Beecham*
Pharmaceuticals.

7932 Tienoxolol

90055-97-3
 $C_{21}H_{28}N_2O_5S$
 (±)-Ethyl 2-[3-(tert-butylamino)-2-hydroxypropoxy]-5-(2-thienocarboxamido)benzoate.
 A diuretic beta-blocking agent.

7933 Tifluadom

81656-30-6
 $C_{22}H_{20}FN_3OS$
 (±)-N-[[5-(o-Fluorophenyl)-2,3-dihydro-1-methyl-1H-1,4-benzodiazepin-2-yl]methyl]-3-thiophenecarboxamide.
 KC-5103. A benzodiazepine. Human kappa opioid receptor to the agonist. Analgesic; diuretic.

7934 Tiotidine

69014-14-8
C₁₀H₁₆N₈S₂
2-Cyano-1-[2-[[[2-[(diaminomethylene)amino]-4-thiazolyl)methyl]thio]ethyl]-3-methylguanidine.
ICI-125211. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. ICI.

7935 Tizolemide

56488-58-5
 $C_{11}H_{14}ClN_3O_3S_2$
 2-Chloro-5-[4-hydroxy-3-methyl-2-(methylimino)-4-thiazolidinyl]benzenesulfonamide.
 HOE-740. A sulphonamide. Diuretic. *Hoechst-Roussel*

Pharmaceuticals Inc.

7936 • Torseamide

56211-40-6 9690
 $C_{16}H_{20}N_4O_3S$
 1-Isopropyl-3-[(4-m-toluidino-3-pyridyl)sulfonyl]urea.
 BM02.015; AC-4464; JDL-464; Demadex; Toradiur;
 Torex; Unat. Diuretic. mp = 163-164°. *Christiaens S.A.*;
Boehringer Mannheim GmbH.

7937 Triamterene

396-01-0 9731 206-904-3
C₁₂H₁₁N₇
2,4,7-Triamino-6-phenylpteridine.
Dyrenium; Dyazide; SK&F-8542; NSC-77625; Ademin;
Ademine; pterophene; pterofen; Jatropur; Teriam;
Triteren; Urocaudal. Diuretic. mp= 316°, 327°; λ_m = 356
nm (ε 21000 4.5% HCOOH). *SmithKline Beecham*
Pharmaceuticals.

7938 Trichlormethiazide

133-67-5	9754	205-118-8
$C_8H_8Cl_3N_3O_4S_2$ 6-Chloro-3-(dichloromethyl)-3,4-dihydro-2H-1,2,4-thiadiazine-7-sulfonamide 1,1-dioxide. Metahydrin; Naqua; Metatensin; Naquasone; Naquival. Diuretic and antihypertensive. mp= 248-250°, 266-273°; soluble in H ₂ O (0.8 mg/ml), EtOH (21 mg/ml), MeOH (60 mg/ml); LD ₅₀ (rat orl) > 20000 mg/kg. Merrell Pharmaceuticals Inc.; Schering Corp.; Marion Merrell Dow Inc.; Schering-Plough HealthCare Products.		

7939 Triflocin

C₁₃H₉F₃N₂O₄-(α,α,α -Trifluoro-m-toluidino)nicotinic acid.
C-65562. Diuretic.

7940 **Tripamide**

73803-48-2 9866
 $C_{16}H_{20}ClN_3O_3S$
 4-Chloro-N-(endo-hexahydro-4,7-methanoisoidolin-2-yl)-3-sulfamoylbenzamide.
 ADR-033; E-614; toripamide; E-614; Normonal. Diuretic and antihypertensive.

7941 Ularitide

118812-69-4
 $C_{145}H_{234}N_{52}O_{44}S_3$
 L-Threonyl-L-alanyl-L-prolyl-L-arginyl-L-seryl-L-leucyl-L-
 arginyl-L-arginyl-L-seryl-L-seryl-L-cysteinyl-L-
 phenylalanylglycylglycyl-L-arginyl-L-methionyl-L-
 aspartyl-L-arginyl-L-isoleucylglycyl-L-alanyl-L-glutaminy-
 L-serylglycyl-L-leucylglycyl-L-cysteinyl-L-asparaginy-
 L-seryl-L-phenylalanyl-L-arginyl-L-tyrosine cyclic-(11→27)-
 disulfide.
 urodilatin; CDD-95-126; ANP-95-126; H-Thr-Ala-Pro-
 Arg-Ser-Leu-Arg-Arg-Ser-Ser-Cys(11)-Phe-Gly-Gly-Arg-
 Met-Asp-Arg-Ile-Gly-Ala-Gln-Ser-Gly-Leu-Gly-Cys(27)-
 Asn-Ser-Phe-Arg-Tyr-OH cyclic-(11→27)-disulfide. A
 natriuretic peptide that exerts strong diuretic and
 natriuretic effects when infused intravenously. Used in
 the treatment of acute renal failure.

7942 Urea

57-13-6 10005 200-315-5



Carbamide.

Elaqua XX; Nutraplus; Ureaphil; Aquacare; Panafil; Aquadrate; Basodexan; Hyanit; Keratinamin; Onychomal; Pastaron; Ureophil; Urepearl. Diuretic. mp = 132.7°; soluble in H_2O (1 g/ml), EtOH (5 g/100 ml), MeOH (16 g/100 ml); insoluble in CHCl_3 , Et_2O . *Galderma Labs., Inc.; Pfanstiehl Labs.; Abbott Labs.; Menley & James Labs., Inc.; Rystan Co., Inc.*

7943 Xipamide

14293-44-8 10212 238-216-4

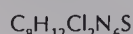


4-Chloro-5-sulfamoyl-2',6'-salicyloxilidide.

MJF-10938; Be-1293; Bei-1293; Aquaphor; Chronexan; Diurexan; Lumitens. Diuretic and antihypertensive. mp = 256°. *Beiersdorf, P., AG.*

7944 Zaltidine Hydrochloride

90274-23-0



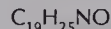
[4-(2-Methylimidazol-5-yl)-2-thiazolyl]guanidine dihydrochloride.

CP-57361-01. Histamine H_2 -receptor Antagonist. Used as an anti-ulcerative. *Pfizer Inc.*

Dopamine Receptor Agonists

7945 Alentemol

112891-97-1



(+)2-(Dipropylamino)-2,3-dihydrophenalen-5-ol.

Dopamine antagonist also use as an anti-psychotic. *Pharmacia & Upjohn, Inc.*

7946 Alentemol Hydrobromide

112892-81-6

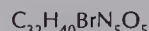


(+)2-(Dipropylamino)-2,3-dihydrophenalen-5-ol hydrobromide.

Dopamine antagonist also use as an anti-psychotic. *Pharmacia & Upjohn, Inc.*

7947 Bromocriptine

25614-03-3 1437 247-128-5

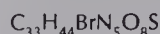


2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-methylpropyl)ergotaman-3',6',18-trione.

CB-154. Prolactin inhibitor. Used to treat Parkinson's disease. mp = 215-218°; $[\alpha]_D^{20} = -195^\circ$ (c = 1 CH_2Cl_2); LD₅₀ (rbt orl) > 1000 mg/kg, (rbt iv) = 12.0 mg/kg. *Sandoz Pharmaceuticals Corp.*

7948 Bromocriptine Mesylate

22260-51-1 1437 244-881-1



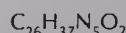
Ergotaman-3',6',18-trione 2-bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-methylpropyl) monomethanesulfonate (salt).

CB-154 mesylate; Parlodel; Bagren; Pravidel. Prolactin inhibitor. Used to treat Parkinson's disease. mp = 192-196° (dec); $[\alpha]_D^{25} = 95^\circ$ (C = 1 CH_2Cl_2); soluble in MeOH,

EtOH; less soluble in H_2O , C_6H_6 , CHCl_3 . *Sandoz Pharmaceuticals Corp.*

7949 Cabergoline

81409-90-7 1637

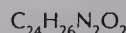


1-[(6-Allylergolin-8β-yl)carbonyl]-1-[3-(dimethylamino)propyl]-3-ethylurea.

FCE-21336; Dostinex. Dopamine antagonist, also used as an antidyskinetic agent and a prolactin inhibitor. mp = 102-104°; LD₅₀ (mus orl) > 400 mg/kg.

7950 Carmoxirole

98323-83-2 1893

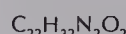


3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridyl)butyl]indole-5-carboxylic acid.

Dopamine receptor agonist, used as an antihypertensive agent. mp = 284-285°.

7951 Dopexamine

86197-47-9 3482



4-[2-[[6-(Phenethylamino)hexyl]amino]ethyl]-pyrocatechol.

FPL-60278. Cardiotonic. *Fisons Corp.*

7952 Dopexamine Hydrochloride

86484-91-5 3482



4-[2-[[6-(Phenethylamino)hexyl]amino]ethyl]-pyrocatechol dihydrochloride.

FPL-60278AR; Dopacard. Cardiotonic. *Fisons Corp.*

7953 Etisulergine

64795-23-9

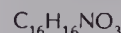


N,N-Diethyl-N'-(6-methylergolin-8α-yl)sulfamide.

Dopamine agonist.

7954 Fenoldopam

67227-56-9 4020



6-Chloro-2,3,4,5-tetrahydro-1-(p-hydroxyphenyl)-1H-3-benzazepine-7,8-diol.

SK&F-82526. Dopamine agonist used as an antihypertensive agent. *SmithKline Beecham Pharmaceuticals.*

7955 Fenoldopam Mesylate

67227-57-0 4020

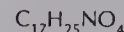


6-Chloro-2,3,4,5-tetrahydro-1-(p-hydroxyphenyl)-1H-3-benzazepine-7,8-diol monomethanesulfonate (salt).

Corlopam; SK&F-82526-J. Dopamine agonist used as an antihypertensive agent. mp = 274° (dec). *SmithKline Beecham Pharmaceuticals.*

7956 Ibopamine

66195-31-1 4921 266-229-5



4-[2-(Methylamino)ethyl]-1,2-phenylene ester.

SB-7505; 3,4-di-o-isobutyrylepine. Peripheral dopaminergic agent. Used as a cardiotonic. *SmithKline Beecham Pharmaceuticals; Simes S.p.A.*

7957 Ibopamine Hydrochloride

75011-65-3 4921 278-056-2

 $C_{17}H_{26}ClNO_4$

4-[2-(Methylamino)ethyl]-1,2-phenylene ester hydrochloride.

SB-7505; Inopamil; Scandine. Peripheral dopaminergic agent. Used as a cardiotonic. mp = 132°. *SmithKline Beecham Pharmaceuticals; Simes S.p.A.***7958 Lisuride**

18016-80-3 5541 241-925-1

 $C_{20}H_{26}N_4O$ 3-(9,10-Didehydro-6-methylergolin-8 α -yl)-1,1-diethylurea.Dopamine D_2 receptor agonist Used as an anti-migraine, antiparkinsonian medication and prolactin inhibitor. mp = 186°; $[\alpha]_D^{20}$ = 313° (c = 0.6 C_5H_5N).**7959 Lisuride Maleate**

19875-60-6 5541 243-387-3

 $C_{24}H_{30}N_4O_5$ 3-(9,10-Didehydro-6-methylergolin-8 α -yl)-1,1-diethylurea maleate (salt).

Apodel; Cuvalit; Dopergin; Eunal; Lysenyl; Revanil.

Dopamine D_2 receptor agonist Used as an anti-migraine, antiparkinsonian medication and prolactin inhibitor. mp = 200° (dec); $[\alpha]_D^{20}$ = 288° (c = 0.5 MeOH); λ_m = 313 nm (MeOH).**7960 Mergocriptine**

81968-16-3

 $C_{33}H_{43}N_5O_5$ 2-methyl- α -ergocryptine2-Methyl- α -ergocryptine.

CBM-36-733. A long-acting ergot derivative with an agonistic action on dopamine D1 and D2 receptors.

7961 Naxagolide

88058-88-2

 $C_{15}H_{21}NO_2$

(+)-(4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-4-propyl-2H-naphth[1,2-b]-1,4-oxazin-9-ol.

Dopamine antagonist. Used to treat Parkinson's disease. *Merck & Co., Inc.***7962 Naxagolide Hydrochloride**

99705-65-4

 $C_{15}H_{22}ClNO_2$

(+)-(4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-4-propyl-2H-naphth[1,2-b]-1,4-oxazin-9-ol hydrochloride.

DL-588. Dopamine antagonist. Used to treat Parkinson's disease. *Merck & Co., Inc.***7963 Pergolide**

66104-22-1 7304

 $C_{19}H_{26}N_2S$ 8 β -[(Methylthio)methyl]-6-propylergoline.Dopamine agonist. Used in treatment of Parkinson's disease. mp = 206-209°. *Eli Lilly & Co.***7964 Pergolide Mesylate**

66104-23-2 7304

 $C_{20}H_{30}N_2O_3S_2$ 8 β -[(Methylthio)methyl]-6-propylergoline monomethanesulfonate.

Permax. Dopamine agonist. Used in treatment of

Parkinson's disease. mp = 225° (dec), 258-260°; λ_m = 279 nm (ϵ 6385 H_2O), 280 nm (ϵ 6980 MeOH), 281 nm (ϵ 6993 anhydrous EtOH); $[\alpha]_D^{20}$ = -18.0-23.0° (DMF c = 0.1); soluble in polar solvents. *Eli Lilly & Co.***7965 Pramipexole**

104632-26-0 7885

 $C_{10}H_{17}N_3S$

(S)-2-Amnio-4,5,6,7-tetrahydro-6-(propylamino)benzothiazole.

U-98528E; SUD919CL2Y. Dopamine agonist, used in treatment of Parkinson's disease and as an antischizophrenic and antidepressant. [dihydrochloride]: mp = 296-298°; $[\alpha]_D^{20}$ = -67.2° (MeOH c = 1). *Boehringer Ingelheim Pharmaceuticals, Inc.***7966 Preclamol**

85966-89-8

 $C_{14}H_{21}NO$

(-)(S)-m-(1-Propyl-3-piperidyl)phenol.

3-PPP. Partial dopamine autoreceptor agonist. Antipsychotic.

7967 Proterguride

77650-95-4

 $C_{22}H_{32}N_4O$ 1,1-Diethyl-3-(6-propylergolin-8 α -yl)urea.

Analog of ergoline; derivative of terguride. Partial dopamine receptor agonist.

7968 Quinagolide

87056-78-8 8226

 $C_{20}H_{33}N_3O_3S$ ($\pm$)-N,N-Diethyl-N'-[(3R*,4aR*,10aS*)-1,2,3,4,4a,5,10,10a-octahydro-6-hydroxy-1-propylbenzo[g]quinolin-3-yl)sulfamide.Dopamine D_2 receptor agonist. Prolactin inhibitor. mp = 122.5-124°. *Sandoz Pharmaceuticals Corp.***7969 Quinagolide Hydrochloride**

94424-50-7 8226

 $C_{20}H_{34}ClN_3O_3S$ ($\pm$)-N,N-Diethyl-N'-[(3R*,4aR*,10aS*)-1,2,3,4,4a,5,10,10a-octahydro-6-hydroxy-1-propylbenzo[g]quinolin-3-yl)sulfamide hydrochloride (salt).CV-205-502; SDZ-205-502; Norprolac. Dopamine D_2 receptor agonist. Prolactin inhibitor. mp = 234-236°. *Sandoz Pharmaceuticals Corp.***7970 Ropinirole**

91374-21-9 8416

 $C_{16}H_{24}N_2O$

4-[2-(Dipropylamino)ethyl]-2-indolinone.

SKF-101468. Dopamine D_2 receptor agonist. Used in treatment of Parkinson's disease. *SmithKline Beecham Pharmaceuticals.***7971 Ropinirole Hydrochloride**

91374-20-8 8416

 $C_{16}H_{25}ClN_2O$

4-[2-(Dipropylamino)ethyl]-2-indolinone monohydrochloride.

SKF-101468A. Dopamine D_2 receptor agonist. Used in treatment of Parkinson's disease. mp = 241-243°.

SmithKline Beecham Pharmaceuticals.

7972 Roxindole

112192-04-8 8432

$C_{23}H_{26}N_2O$

3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridylbutyl)indol-5-ol.

Dopamine D_2 receptor agonist. Used as an antidepressant.

7973 Roxindole Hydrochloride

108050-82-4 8432

$C_{23}H_{27}ClN_2O$

3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridylbutyl)indol-5-ol monohydrochloride.

EMD-38362. Dopamine D_2 receptor agonist. Used as an antidepressant. mp = 274°.

7974 Roxindole Mesylate

119742-13-1 8432

$C_{24}H_{30}N_2O_4S$

3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridylbutyl)indol-5-ol monomethanesulfonate.

EMD-49980. Dopamine D_2 receptor agonist. Used as an antidepressant.

7975 Talipexole

101626-70-4 9209

$C_{10}H_{15}N_3S$

6-Allyl-2-amino-5,6,7,8-tetrahydro-4H-thiazolo[4,5-d]-azepine.

Dopamine D_2 receptor agonist and α_2 adrenoceptor. Used in treatment of Parkinson's disease.

7976 Talipexole Dihydrochloride

36085-73-1 9209

$C_{10}H_{16}ClN_3S$

6-Allyl-2-amino-5,6,7,8-tetrahydro-4H-thiazolo[4,5-d]-azepine dihydrochloride.

B-HT-920; Domin. Dopamine D_2 receptor agonist and α_2 adrenoceptor. Used in treatment of Parkinson's disease. mp = 245° (dec).

7977 Tienocarbine

75458-65-0

$C_{15}H_{16}N_2S$

7,8,9,10-Tetrahydro-1,9-dimethyl-6H-pyrido[4,3-b]-thieno[3,2-e]indole.

Mixed dopamine agonist-antagonist.

7978 Vanoxerine

67469-69-6

$C_{28}H_{32}F_2N_2O$

1-[2-[Bis(p-fluorophenyl)methoxy]ethyl]-4-(3-phenylpropyl)piperazine.

GBR-12909. Selective dopamine uptake inhibitor.

Dopamine Receptor Antagonists

7979 Alentemol

112891-97-1

$C_{19}H_{25}NO$

(+)-2-(Dipropylamino)-2,3-dihydrophenalen-5-ol.

Dopamine receptor agonist and antipsychotic. *Upjohn Ltd.*

7980 Alentemol Hydrobromide

112892-81-6

$C_{19}H_{26}BrNO$

(+)-2-(Dipropylamino)-2,3-dihydrophenalen-5-ol hydrobromide.

Dopamine receptor agonist and antipsychotic. *Upjohn Ltd.*

7981 Berupipam

150490-85-0

$C_{19}H_{19}BrClNO_2$

(+)-(5S)-(5-Bromo-2,3-dihydro-7-benzofuranyl)-8-chloro-2,3,4,5-tetrahydro-3-methyl-1H-3-benzazepin-7-ol.

A dopamine $D1$ receptor antagonist.

7982 Brocresine

555-65-7

$C_7H_8BrNO_2$

5-[(Aminoxy)methyl]-2-bromophenol.

NSD-1055. A DOPA decarboxylase inhibitor.

7983 Bromocriptine

25614-03-3 1437 247-128-5

$C_{32}H_{40}BrN_5O_5$

2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-methylpropyl)-5' α -ergotaman-3',6',18-trione.

CB-154. Dopamine receptor agonist. Prolactin inhibitor and antiparkinsonian. mp = 215-218°; $[\alpha]_D^{20} = -195^\circ$ (c = 1 CH_2Cl_2); LD_{50} (rbt orl) > 1000 mg/kg, (rbt iv) = 12.0 mg/kg. *Sandoz Pharmaceuticals Corp.*

7984 Bromocriptine Mesylate

22260-51-1 1437 244-881-1

$C_{33}H_{44}BrN_5O_8S$

2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-methylpropyl)-5' α -ergotaman-3',6',18-trione monomethanesulfonate (salt).

CB-154; Parlodel. Dopamine receptor agonist. Prolactin inhibitor and antiparkinsonian. mp = 192-196°; $[\alpha]_D^{20} = 95^\circ$ (c = 1 MeOH/ CH_2Cl_2); soluble in MeOH (91 g/100 ml); EtOH (2.3 g/100 ml), H_2O (0.08 g/100 ml), $CHCl_3$ (0.045 g/100 ml), C_6H_6 , C_6H_{14} (< 0.01 g/100 ml). *Sandoz Pharmaceuticals Corp.*

7985 Cabergoline

81409-90-7 1637

$C_{26}H_{37}N_5O_2$

N-[3-(Dimethylamino)propyl]-N-[(ethylamino)carbonyl]-6-(2-propenyl)-ergoline-8 β -carboxamide.

FCE-21336; Dostinex. Dopamine receptor agonist and prolactin inhibitor. mp = 102-104°; LD_{50} (mus orl) > 400 mg/kg. *Farmitalia Carlo Erba SpA.*

7986 Cabergoline Diphosphate

85329-89-1 1637

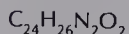
$C_{26}H_{43}N_5P_2O_{10}$

N-[3-(Dimethylamino)propyl]-N-[(ethylamino)carbonyl]-6-(2-propenyl)-ergoline-8 β -carboxamide diphosphate.

Dopamine receptor agonist and prolactin inhibitor. mp = 153-155°. *Farmitalia Carlo Erba SpA.*

7987 Carmoxirole

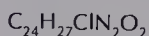
98323-83-2 1893



3-[4-(3,6-Dihydro-4-phenyl-1(2H0-pyridinyl)butyl)-1H-indole-5-carboxylic acid.

Dopamine receptor agonist and antihypertensive. mp = 284-285°. *E. Merck*.**7988 Carmoxirole Hydrochloride**

115092-85-8 1893



3-[4-(3,6-Dihydro-4-phenyl-1(2H0-pyridinyl)butyl)-1H-indole-5-carboxylic acid hydrochloride.

EMD-45609. Dopamine receptor agonist and antihypertensive. mp = 298-299°; λ_m = 242, 281 nm (MeOH). *E. Merck*.**7989 Diclofensine**

67165-56-4

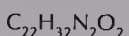


(±)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-7-methoxy-2-methylisoquinoline.

Dopamine uptake inhibitor. GABA-receptor agonist.

7990 Dopexamine

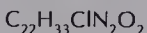
86197-47-9 3482



4-[2-[[6-(Phenethylamino)hexyl]amino]ethyl]-pyrocatechol.

FPL-60278; Dopacard. Dopamine receptor agonist and cardiotonic. *Fisons plc, Pharmaceuticals Div.***7991 Dopexamine Hydrochloride**

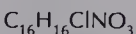
86484-91-5 3482



4-[2-[[6-(Phenethylamino)hexyl]amino]ethyl]-pyrocatechol hydrochloride.

FPL-60278AR. Dopamine receptor agonist and cardiotonic. [hydrobromide]: mp = 227-228°. *Fisons plc, Pharmaceuticals Div.***7992 Fenoldopam**

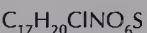
67227-56-9 4020



6-Chloro-2,3,4,5-tetrahydro-1-(p-hydroxyphenyl)-1H-3-benzazepine-7,8-diol.

SKF-82526. Dopamine receptor agonist and antihypertensive. *SmithKline Beecham Pharmaceuticals*.**7993 Fenoldopam Mesylate**

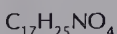
67227-57-0 4020 266-612-7



6-Chloro-2,3,4,5-tetrahydro-1-(p-hydroxyphenyl)-1H-3-benzazepine-7,8-diol monomethanesulfonate.

SKF-82526j; Corlopam. Dopamine receptor agonist and antihypertensive. mp = 274° (dec). *SmithKline Beecham Pharmaceuticals*.**7994 Ibopamine**

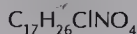
66195-31-1 4921 266-229-5



4-[2-(Methylamino)ethyl]-o-phenylene diisobutyrate.

Dopamine receptor agonist and cardiotonic. *SmithKline Beecham Pharmaceuticals; Simes S.p.A.***7995 Ibopamine Hydrochloride**

75011-65-3 4921 278-056-2



4-[2-(Methylamino)ethyl]-o-phenylene diisobutyrate hydrochloride.

SB-7505; Inopamil; Scandine. Dopamine receptor agonist and cardiotonic. mp = 132°. *SmithKline Beecham Pharmaceuticals; Simes S.p.A.***7996 Indatraline**

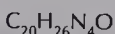
86939-10-8



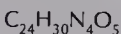
(±)-trans-3-(3,4-Dichlorophenyl)-N-methyl-1-indanamine. Lu-19-005. A dopamine reuptake blocker.

7997 Lisuride

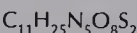
18016-80-3 5541 241-925-1

3-(9,10-Didehydro-6-methylergolin-8 α -yl)-1,1-diethylurea.methylergol carbamide; lysuride. Antimigraine, prolactin inhibitor and antiparkinsonian. mp = 186°; $[\alpha]_D^{20}$ = 313° (c = 0.60 C₅H₅N).**7998 Lisuride Maleate**

19875-60-6 5541 243-387-3

3-(9,10-Didehydro-6-methylergolin-8 α -yl)-1,1-diethylurea maleate.Apodel; Cuvalit; Dopergin; Eunal; Lysenyl; Revanil. Antimigraine, prolactin inhibitor and antiparkinsonian. mp = 200° (dec); $[\alpha]_D^{20}$ = 288° (c = 0.5 MeOH); λ_m = 313 nm (MeOH); LD₅₀ Mus iv) = 14.4 mg/kg.**7999 Mezilamine**

50335-55-2

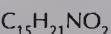


4-Chloro-2-(methylamino)-6-(4-methyl-1-piperazinyl)-5-(methylthio)pyridimidine.

Dopamine receptor antagonist.

8000 Naxagolid

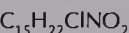
88058-88-2



(±)-(4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-4-propyl-2H-naphth[1,2-b]1,4-oxazin-9-ol.

Dopamine agonist. Antiparkinsonian. *Merck & Co., Inc.***8001 Naxagolide Hydrochloride**

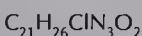
99705-65-4



(±)-(4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-4-propyl-2H-naphth[1,2-b]1,4-oxazin-9-ol hydrochloride.

MK-458; L-647339. Dopamine agonist. Antiparkinsonian. *Merck & Co., Inc.***8002 Nemonapride**

93664-94-9



(±)-cis-N-(1-Benzyl-2-methyl-3-pyrrolidinyl)-5-chloro-4-(methylamino)-o-anisamide.

YM-09151-2. Specific dopamine D2 receptor antagonist.

8003 Odapipam

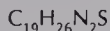
131796-63-9



(+)-(S)-8-Chloro-5-(2,3-dihydrobenzofuran-7-yl)-7-hydroxy-3-methyl-2,3,4,5-tetrahydro-1H-3-benzazepine.
NNC-756. Dopamine receptor antagonist.

8004 Pergolide

66104-22-1 7304



8β-[(Methylthio)methyl]-6-propylergoline.

Dopamine agonist. Antiparkinsonian. mp = 206-209°. *Eli Lilly & Co.*

8005 Pergolide Methanesulfonate

66104-23-2 7304

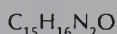


8β-[(Methylthio)methyl]-6-propylergoline monomethanesulfonate.

Permax; Celance; LY-127809. Dopamine agonist. Antiparkinsonian. mp = 225°; λ_m = 279 nm (ϵ 6980 H₂O), 281 nm (ϵ 6993 EtOH); [α]_D²⁰ = -18.0° to -23.0° (c = 1 DMF); sparingly soluble in DMF, MeOH; slightly soluble in H₂O, 0.01N HCl, CHCl₃, CH₃CN, CH₂Cl₂, EtOH; very slightly soluble in Me₂CO; insoluble in Et₂O. *Eli Lilly & Co.*

8006 Picobenzide

51832-87-2



3,4-Dimethyl-N-(4-pyridylmethyl)benzamide.

M-14012-4; Dosetil. Dopamine receptor antagonist.

8007 Piflutixol

54341-02-5

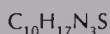


1-[3-[6-Fluoro-2-(trifluoromethyl)thioxanthen-9-ylidene]propyl]-4-piperidineethanol.

Dopamine receptor antagonist.

8008 Pramipexole

104632-26-0 7885



(S)-2-Amino-4,5,6,7-tetrahydro-6-(propylamino)benzothiazole.

U-98528E; SUD919CL2Y. Dopamine agonist, antischizophrenic, antidepressant. Antiparkinsonian. *Boehringer Ingelheim GmbH.*

8009 Pramipexole Hydrochloride

104632-25-9 7885



(S)-2-Amino-4,5,6,7-tetrahydro-6-(propylamino)benzothiazole hydrochloride.

SND-19. Dopamine agonist, antischizophrenic, antidepressant. Antiparkinsonian. mp = 296-298°; [α]_D²⁰ = -67.2° (c = 1 MeOH). *Boehringer Ingelheim GmbH.*

8010 Prosulpride

68556-59-2 271-484-0

N-[(1-Propyl-2-pyrrolidinyl)methyl]-5^β-sulfamoyl-o-anisamide.

Dopamine receptor antagonist.

8011 Quinagolide

87056-78-8 8226



(±)-N,N-Diethyl-N'-[(3R*,4aR*,10aS*)-1,2,3,4,4a,5,10,10a-octahydro-6-hydroxy-1-propylbenzo[g]quinolin-3-yl]sulfamide.

Dopamine receptor agonist and prolactin inhibitor. mp = 122.5-124°. *Sandoz Pharmaceuticals Corp.*

8012 Quinagolide Hydrochloride

94424-50-7 8226

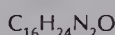


(±)-N,N-Diethyl-N'-[(3R*,4aR*,10aS*)-1,2,3,4,4a,5,10,10a-octahydro-6-hydroxy-1-propylbenzo[g]quinolin-3-yl]sulfamide hydrochloride.

CV-205-502; SDZ-205-502; Norprolac. Dopamine receptor agonist and prolactin inhibitor. mp = 234-236°. *Sandoz Pharmaceuticals Corp.*

8013 Ropinirole

91374-21-9 8416



4-[2-(Dipropylamino)ethyl]-2-indolinone.

SKF-101468. D₂ receptor agonist. Antiparkinsonian. *SmithKline Beecham Pharmaceuticals.*

8014 Ropinirole Hydrochloride

91374-20-8 8416

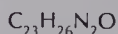


4-[2-(Dipropylamino)ethyl]-2-indolinone hydrochloride.

SK&F-101468-A. D₂ receptor agonist. Antiparkinsonian. mp = 241-243°. *SmithKline Beecham Pharmaceuticals.*

8015 Roxindole

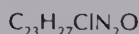
112192-04-8 8432



3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridinyl)butyl]-1H-indol-5-ol.

A D₂ receptor agonist.**8016 Roxindole Hydrochloride**

108050-82-4 8432



3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridinyl)butyl]-1H-indol-5-ol hydrochloride.

EMD-38362. A D₂ receptor agonist. mp = 274°.**8017 Talipexole**

101626-70-4 9209



6-Allyl-2-amino-5,6,7,8-tetrahydro-4H-thiazolo[4.5-d]azepine.

A D₂ receptor agonist. Antiparkinsonian. *Boehringer Ingelheim GmbH.*

8018 Talipexole Hydrochloride

36085-73-1 9209



6-Allyl-2-amino-5,6,7,8-tetrahydro-4H-thiazolo[4.5-d]azepine hydrochloride.

B-HT-920; Domin. . A D₂ receptor agonist. Antiparkinsonian. mp = 245° (dec). *Boehringer Ingelheim GmbH.*

8019 Tienocarbine

75458-65-0

 $C_{15}H_{16}N_2S$

7,8,9,10-Tetrahydro-1,9-dimethyl-6H-pyrido[4,3-b]-thieno[3,2-e]indole.

Mixed dopamine agonist-antagonist.

8020 Tilozepine

42239-60-1

 $C_{17}H_{18}ClN_3S$

7-Chloro-4-(4-methyl-1-piperazinyl)-10H-thieno[3,2-c]-[1]benzazepine.

Dopamine receptor antagonist.

8021 Tropapride

76352-13-1

 $C_{23}H_{28}N_2O_3$ N-(8-Benzyl-1 α H,5 α H-nortropan-3 β -yl)-o-veratramide.MD-790501. A dopamine D2 receptor antagonist with Na⁺-dependent binding. A benzamide derivative.**8022 Vanoxerine**

67469-69-6

 $C_{28}H_{32}F_2N_2O$

1-[2-[Bis(p-fluorophenyl)methoxy]ethyl]-4-(3-phenylpropyl)piperazine.

GBR-12909. Selective dopamine uptake inhibitor.

8023 Zetidoline

51940-78-4

 $C_{16}H_{22}ClN_3O$

1-(m-Chlorophenyl)-3-[2-(3,3-dimethyl-1-azetidiny)-ethyl]-2-imidazolidinone.

DL-308-IT. Specific dopamine D2 receptor antagonist. Antipsychotic.

Ectoparasiticides**8024 Amitraz**

33089-61-1

510

251-375-4

 $C_{19}H_{23}N_3$

N-Methyl-N'-2,4-xylyl-N-(N-2,4-xylylformimidoyl)-formamidine.

U-36059; BTS-27419; ENT-27967; BAAM; Mitaban; Mitac; Taktic. Ectoparasiticide and scabicide. mp = 86-

87°; insoluble in H₂O, soluble in most organic solvents;LD₅₀ (mus orl) = 1600 mg/kg; (rat orl) = 400 mg/kg. *Boots Pharmaceuticals Inc.***8025 Benzyl Benzoate**

120-51-4

1162

204-402-9

 $C_{14}H_{12}O_2$

Benzoic acid phenylmethyl ester.

Benylate; Ascabin; Venzonate; Ascabiol. Ectoparasiticide.

mp = 21°; bp = 323-324°, bp₁₆ = 189=191°, bp_{4,5} = 156°;d₄²⁵ = 1.118; insoluble in H₂O, glycerol; soluble in organic solvents; LD₅₀ (rat orl) = 1700 mg/kg, (mus orl) = 1400 mg/kg, (rbt orl) = 1800 mg/kg, (gpg orl) = 1000 mg/kg. *Sterling Winthrop, Inc.***8026 Carbaryl**

63-25-2

1831

200-555-0

 $C_{12}H_{11}NO_2$

1-Naphthyl methylcarbamate.

ENT-23969; OMS-29; UC-7744; Arylam; Carylderm; Clinicide; Derbac; Dicarbam; Ravyon; Seffein; Sevin.

Ectoparasiticide. mp = 142°; d₂₀²⁰ = 1.232; soluble in H₂O (0.012 g/100 ml), DMF, Me₂CO, cyclohexanone, isophorone; LD₅₀ (rat orl) = 250 mg/kg. *Union Carbide Corp.***8027 Crotamiton**

483-63-6

2661

207-596-3

 $C_{13}H_{17}NO$

N-Ethyl-o-crotonotoluidide.

Crotamitex; Eurax; Euraxil; Veteusan; component of:

Eurax. Ectoparasiticide and scabicide. bp₁₃ = 163-165°; soluble in MeOH, EtOH. *Westwood-Squibb Pharmaceuticals, Inc.***8028 DDT**

50-29-3

2898

200-024-3

 $C_{14}H_9Cl_5$

1,1,1-Trichloro-2,2-bis(p-chlorophenyl)ethane.

clofenotane; dicophaner; pentachlorin; Agritan; Gesapon; Gesarex; Gesarol; Guesapon; Neocid. Pediculicide,

ectoparasiticide. mp = 108.5-109°; λ_m 236 nm (95% EtOH); insoluble in H₂O; soluble in Me₂CO (58 g/100 ml), C₆H₆ (78 g/100 ml), benzyl benzoate (42 g/100 ml),CCl₄ (45 g/100 ml), C₆H₅Cl (74 g/100 ml), cyclohexanone (116 g/100 ml), EtOH (2 g/100 ml), Et₂O (28 g/100 ml),iPrOH (3 g/100 ml), C₅H₅N, dioxane; LD₅₀ (mrat orl) = 113 mg/kg, (frat orl) = 118 mg/kg. *Ciba-Geigy Corp.***8029 Dixanthogen**

502-55-6

3449

207-944-4

 $C_6H_{10}O_2S_4$

O,O-Diethyl dithiobis(thioformate).

bisethylxanthogen; diethyl xanthogenate; ethylxanthic disulfide; preparation K; EXD; Auligen; Aulinogen;

Bexide; Herbisan; Lenisarin; Sulfasan. Pediculicide, ectoparasiticide. mp = 28-32°; soluble in EtOH (2 g/100 ml);

freely soluble in C₆H₆, Et₂O, petroleum ether, oils; insoluble in H₂O; LD₅₀ (rat orl) = 480 mg/kg.**8030 Doramectin**

117704-25-3

3483

 $C_{50}H_{74}O_{14}$

(2aE,4E,8E)-(5'S,6S,6'R,7S,11R,13S,

15S,17aR,20R,20aR,20bS)-6'-Cyclohexyl-

5',6,6',7,10,11,14,15,17a,20,20a,20b-dodecahydro-

20,20b-dihydroxy-5',6,8,19-tetramethyl-17-oxospiro-

[11,15-methano-2H,13H,17H-furo[4,3,2-pq]-[2,6]-

benzodioxacyclooctadecin-13,2'-[2H]pyran]-7-yl

2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl- α -L-arabinohepyranosyl)-3-O- α -L-arabinohepyranoside.

25-cyclohexyl-5-O-demethyl-25-de(1-methylpropyl)-

avermectin A₁₃. Endectocide, used to treat Sheep scabies.mp = 116-119°. *Pfizer International.***8031 Lime Sulfurated Solution**

5516

Calcium oxyulfide.

Vleminckx's Solution; Vleminckx's Lotion; calcium oxyulfide solution. Ectoparasiticide.

8032 Lindane

58-89-9 5526 200-401-2
 $C_6H_6Cl_6$
 σ -1,2,3,4,5,6-Hexachlorocyclohexane.
 Scabene; Aparasin; Aphtiria; Esoderm; Gammalin;
 Gamene; Gammexane; Gexane; Jacutin; Kwell; Lindafor;
 Lindatox; Lorexane; Quellada; Streunex; Tri-6; Viton.
 Pediculicide, scabicide and ectoparasiticide. mp =
 112.5°; soluble in Me_2CO (43.5 g/100 ml), C_6H_6 (28.9
 g/100 ml), $CHCl_3$ (24.0 g/100 ml), Et_2O (20.8 g/100 ml),
 $EtOH$ (6.4 g/100 ml); insoluble in H_2O ; LD_{50} (mrat orl) =
 88 mg/kg, (frat orl) = 91 mg/kg. *ICI*.

8033 Lufenuron

103055-07-8 5624
 $C_{17}H_{18}Cl_2F_8N_2O_3$
 1-[2,5-Dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)phenyl]-3-(2,6-difluorobenzoyl)urea.
 fluphenacur; CGA-184699; Program. Used in veterinary
 medicine for control of fleas. Ectoparasiticide. mp = 174°;
 insoluble in H_2O ; soluble in organic solvents; LD_{50} (rat
 orl) > 2000 mg/kg; LC_{50} (rat ihl) > 2350 mg/m³. *Ciba-Geigy Corp.*

8034 Malathion

121-75-5 5740 204-497-7
 $C_{10}H_{19}O_6PS_2$
 Diethyl mercaptosuccinate S-ester with O,O-dimethyl
 phosphorodithioate.
 ENT-17034; Cythion; Derbac-M; Malamar 50; Malaspray;
 Organoderm; Prioderm; Suleo-M. Pediculicide,
 ectoparasiticide. mp = 2.9°; bp_{0.7} = 156-157°; slightly
 soluble in H_2O (0.0145 g/100 ml), soluble in most
 organic solvents; LD_{50} (frat orl) = 1000 mg/kg, (mrat orl) =
 1375 mg/kg. *Purdue Pharma L.P.*

8035 Mercuric Oleate

1191-80-6 5934 214-741-4
 $C_{36}H_{66}HgO_4$
 9-Octadecenoic acid mercury(2+) salt.
 oleate of mercury. Formerly used as an ectoparasiticide.
 Insoluble in H_2O ; slightly soluble in $EtOH$, Et_2O .

8036 Mesulfen

135-58-0 5977 205-202-4
 $C_{14}H_{12}S_2$
 2,7-Dimethylthianthrene.
 mesulphen; Mitigal; Odylen; Sudermo; Peligal;
 Neosulfine. Ectoparasiticide, antipruritic and scabicide.
 mp = 123°; bp₃ = 184°, bp₁₄ = 228-231°; insoluble in
 H_2O ; freely soluble in Me_2CO , Et_2O , $CHCl_3$, petroleum
 ether; moderately soluble in $EtOH$, $EtOAc$.

8037 Nifluridide

61444-62-0
 $C_{10}H_6F_7N_3O_3$
 6'-Amino- $\alpha,\alpha,\alpha,2,2,3,3$ -heptafluoro-5'-nitro-m-
 propionotoluidide.
 compound 109168. Ectoparasiticide. *Eli Lilly & Co.*

8038 Permethrin

52645-53-1 7321 258-067-9
 $C_{21}H_{20}Cl_2O_3$
 m-Phenoxybenzyl ($\pm$)-3-(2,2-dichlorovinyl)-2,2-

dimethylcyclopropanecarboxylate.

Elimite; Nix; FMC-33297; NIA-33297; NRDC-143; PP-
 557; SBP-1513; S-3151; Ambush; Corsair; Dragnet;
 Ectiban; Eksmin; Pulvex; Pounce; Pynosect; Ridect Pour-
 On. Ectoparasiticide. mp $\rightarrow$ 35°; bp_{0.05} = 220°; d²⁰ =
 1.190-1.272; almost insoluble in H_2O , soluble in all
 organic solvents except ethylene glycol; LD_{50} (frat orl) =
 3801 mg/kg, (8 day old rat orl) = 340.5 mg/kg, (mrat orl)
 = 1500.0 mg/kg; toxic to bees and fish. *Allergan, Inc.*;
Glaxo Wellcome Inc.; *Sumitomo*.

8039 Quintiofos

1776-83-6 217-208-4
 $C_{17}H_{16}NO_2PS$
 O-Ethyl O-(8-quinolyl)phenylphosphonothioate.
 Bayer 9037. Ixodicide. *Bayer AG*.

8040 Sulfiram

95-05-6 9123 202-387-3
 $C_{10}H_{20}N_2S_3$
 Bis(diethylthiocarbamyl) sulfide.
 monosulfiram; TTMS; Kutkasin; Tetmosol.
 Ectoparasiticide. mp = 32°.

8041 Sulfur, Pharmaceutical

7704-34-9 9150 231-722-6
 S
 Sulfur, pharmaceutical.
 Liquamat; Sastid; Sulfur Soap; component of: Acnomel,
 Bensulfoid, Fostril, Pernox, Resamid, Salicylic Acid and
 Sulfur Soap, Sebulex, Sulforcin, Sulfoxyl, Transact.
 Scabicide and ectoparasiticide. Soluble in CS_2 , lanolin,
 olive oil. *Dermik Labs., Inc.*; *ECR Pharmaceuticals*;
Galderma Labs., Inc.; *Menley & James Labs., Inc.*; *Stiefel*
Labs., Inc.; *Westwood-Squibb Pharmaceuticals, Inc.*

8042 Temephos

3383-96-8 9286 222-191-1
 $C_{16}H_{20}O_6P_2S_3$
 O,O'-(Thiodi-p-phenylene O,O',O',O'-tetramethyl bis-
 (phosphorothioate).
 ENT-27165; AC-52160; Abate; Biothon. Ectoparasiticide.
 mp = 30.0-30.5°; soluble in CH_3CN , CCl_4 , Et_2O ,
 dichloroethane, C_7H_8 ; insoluble in H_2O , C_6H_{14} ; LD_{50}
 (mrat orl) = 8600 mg/kg, (frat orl) = 13000 mg/kg.
American Cyanamid.

Emetics

8043 Apocodeine

641-36-1 781
 $C_{18}H_{19}NO_2$
 5,6,6a,7-Tetrahydro10-methoxy-6-methyl-4H-
 dibenzo[de,g]quinolin-11-ol.
 Emetic. mp = 124°; $[\alpha]_D^{24}$ = -97° (c = 0.45); slightly soluble
 in H_2O ; soluble in $EtOH$, Et_2O , dilute acids.

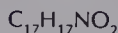
8044 Apocodeine Hydrochloride

6377-14-6 781 228-947-7
 $C_{18}H_{20}ClNO_2$
 5,6,6a,7-Tetrahydro10-methoxy-6-methyl-4H-
 dibenzo[de,g]quinolin-11-ol hydrochloride.
 Emetic. mp = 260-263° (dec); $[\alpha]_D^{22}$ = -43° (c = 0.51); very

soluble in H₂O, soluble in EtOH.

8045 Apomorphine

58-00-4 787 200-360-0



5,6,6a,7-Tetrahydro-6-methyl-4H-dibenzo[de,g]quinolin-10,11-diol.

Emetic. mp = 195°; soluble in EtOH, Me₂CO, CHCl₃; slightly soluble in H₂O, C₆H₆, Et₂O, petroleum ether; λ_m = 336, 399 nm; LD₅₀ (mus ip) = 160 mg/kg.

8046 Apomorphine Hydrochloride

41372-20-7 787

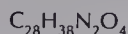


5,6,6a,7-Tetrahydro-6-methyl-4H-dibenzo[de,g]quinoline-10,11-diol hydrochloride.

Emetic. [α]_D²⁵ = -48° (c = 1.2); soluble in H₂O (2 g/100 ml at 20°, 5.88 g/100 ml at 80°, EtOH (2 g/100 ml); slightly soluble in CHCl₃, Et₂O; LD₅₀ (mus ip) = 44 mg/kg.

8047 Cephaeline

483-17-0 2020 207-591-6



7',10,11-Trimethoxyemetan-6'-ol.

desmethylemetine; dihydropsychothrine. Emetic. mp = 115-116°; [α]_D²⁰ = -43.4° (c = 2 CHCl₃); insoluble in H₂O; soluble in dilute HCl, H₂SO₄, AcOH, MeOH, EtOH, Me₂CO, CHCl₃; less soluble in Et₂O, petroleum ether.

8048 Ipecac

8012-96-2 5086 232-385-8
Dried rhizome and roots of *Cephaelis ipecacuanha*. Contains 2-2.5% alkaloids, including emetine, cephaeline; emetamine; psychothrine; methyl psychothrine; protoemetine and resin.
Ipsatol; component of: Dasin. Emetic. *Key Pharmaceuticals; SmithKline Beecham Pharmaceuticals.*

8049 Sodium Chloride

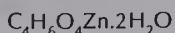
7647-14-5 8742 231-598-3
NaCl

Hydrochloric acid sodium salt.

Adsorbanac; Ayr; common salt; table salt; rock salt; component of: Arm-A-Vial, Colyte. Emetic. d = 2.17; mp = 804°; soluble in H₂O (35.7 g/100 ml at 25°, 38.5 g/100 ml at 100°), glycerol (10 g/100 ml); slightly soluble in EtOH; LD₅₀ (rat orl) = 3750 ± 430 mg/kg. *Alcon Labs.; Astra USA, Inc.; Elkins-Sinn; Wyeth-Ayerst Labs.; Schwarz Pharma Kremers Urban Co.; Ascher, B.F. & Co.*

8050 Zinc Acetate

557-34-6 10256 209-170-2



Acetic acid zinc salt dihydrate.

Emetic. mp = 237°; d = 1.735; soluble in H₂O (43.4 g/100 at 25°, 62.5 g/100 ml at 100°), EtOH (3.3 g/100 ml at 25°, 100 g/100 ml at 76°); LD₅₀ (rat orl) = 2460 mg/kg.

8051 Zinc Acetate, Basic

82279-57-0



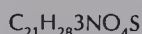
Hexakis(μ-acetato)-μ₄-oxotetrazinc.

Used for treatment and prophylaxis of hepatic copper toxicosis; for maintenance therapy in patients initially

treated with a chelating agent. Formerly used as an emetic.

Enkephalinase Inhibitors**8052 Acetorphan**

81110-73-8 72

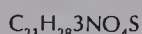


N-[(R,S)-3-Acetylthio-2-benzopropanoyl]glycine benzyl ester.

Tiorfan. Anti-secretory enkephalinase inhibitor. Use as an anti-diarrheal. *dClin-Byla.*

8053 (S)-Acetorphan

72



(S)-N-[(R,S)-3-Acetylthio-2-benzopropanoyl]glycine benzyl ester.

ecadotril; sinorphan. Anti-secretory enkephalinase inhibitor. Use as an antihypertensive. mp = 71°; [α]_D²⁵ = -24.1° (c = 1.2 MeOH); LD₅₀ (mus iv) > 100 mg/kg. *dClin-Byla.*

Enzymes**8054 α-Amylase, Bacterial**

9000-85-5 640 232-560-9

Digestive aid. Generally derived from bacteria such as *Bacillus subtilis*. The amylases are enzymes which catalyze the hydrolysis of α-1→4 glucosidic linkages in polysaccharides.

8055 α-Amylase, Porcine

9000-90-2 640 232-565-6

Buclamase; Maxilase. Digestive aid. Enzyme derived from swine pancreas. Molecular weight ≅ 45,000.

8056 α-Amylase, Sweet potato

9000-91-3 640 232-566-1

Digestive aid. Enzyme from sweet potato, molecular weight ≅ 152,000.

8057 Amylase

9000-92-4 640 232-567-7

Digestive aid. Usually refers to α-amylase, an enzyme derived from bacteria.

8058 Cellulase

9012-54-8 232-734-4

component of: Kutrased, Ku-zyne. A preparation of cellulose-cleaving enzymes from *Aspergillus niger*. *Schwarz Pharma Kremers Urban Co.*

8059 Chymopapain

9001-09-6 2319 232-580-8

Chymodiactin; BAX-1526; NSC-107079. Proteolytic enzyme isolated from papaya latex; distinct from papain. Molecular weight → 27000. *Knoll Pharmaceutical Co.*

8060 α-Chymotrypsin

9004-07-3 2320 232-671-2

Avazyme; Catarase; Enzeon; Zolyse; component of: Orenzyme. Proteolytic enzyme. *Alcon Labs.; Ciba Vision*

Ophthalmics; Marion Merrell Dow Inc.; Sterling Winthrop, Inc.; Wallace Labs.

8061 Collagenase

9001-12-1 2544 232-582-9
Clostridiopeptidase A; Iruxol; Santyl. A rare proteolytic enzyme capable of digesting undenatured collagen. dProvesan S.A.

8062 Lipase

9001-62-1 5536 232-619-9
triacylglycerol lipase. Digestive aid. An esterase which hydrolyzes fats, producing fatty acids and glycerol.

8063 Lysozyme

9001-63-2 5671 232-620-4
Muramidase; N-acetylmuramide glycanohydrolase; N-acetylmuramyl hydrolase; globulin G₂. A mucolytic enzyme with antibiotic properties.

8064 Lysozyme Hydrochloride

9066-59-5 5671 232-954-0
Acdeam; Antalzyme; Immunozyma; Lanzyme; Leftose; Likinozym; Lisozyma; Murazyme; Neutase; Neuzyme; Toyolysom-DS. A mucolytic enzyme with antibiotic properties.

8065 Pancreatin

8049-47-6 7137 232-468-9
Diastase vera; Creon; Pancrease; Pancrex-Vet; Pankrotanon; Panzytrat; Zypanar. Digestive aid. An enzyme which converts starch into soluble carbohydrates.

8066 Pancrelipase

53608-75-6 7138 258-659-7
Accelerase; Cotazym; Ilozyme; Ku-Zyme HP; Pancrease; Viokase. Digestive aid. Enzyme concentrate containing primarily lipase, and also amylase and proteases.

8067 Papain

9001-73-4 7148 232-627-2
Papayotin; vegetable pepsin; Arbuz; Nematolyt; Summetrin; Tromasin; Verlodon; Vermizym. Digestive aid. A proteolytic enzyme isolated from the fruit and leaves of *Carica papaya*. Used as a digestive aid, also as a debridant, an anthelmintic targeting Nematodes and as an agent which can prevent adhesions.

8068 Penicillinase

9001-74-5 7219 232-628-8
Neutrapen; β -lactamase. Enzyme obtained by fermentation from cultures of *Bacillus cereus*. Destroys penicillins and cephalosporins by catalyzing the hydrolysis of the amide bond in the β -lactam ring. Schenley.

8069 Pepsin

9001-75-6 7289 232-629-3
Puerzym. Digestive aid. Has been used to treat deficiency of pepsin secretion. The principal digestive enzyme in gastric juice; controls the degradation of proteins to proteoses and peptones hydrolyzing only peptide bonds. $[\alpha]_D^{26} = -64.5^\circ$ (pH 4.6); freely soluble in H₂O; insoluble in EtOH, CHCl₃, Et₂O.

8070 Rennin

9001-98-3 8303 232-645-0
Chymosin; rennase; lab; abomasal enzyme. Digestive aid.

The milk-clotting enzyme from the stomach of the calf. Secreted as prorennin which is converted to rennin in acid. Rennet, a dried extract containing rennin is used in the manufacture of cheese and rennet casein.

8071 Sutilains

12211-28-8 235-390-3
Travase; BAX-1515. Proteolytic enzymes derived from *Bacillus subtilis*. Knoll Pharmaceutical Co.

8072 Trypsin

9002-07-7 9926 232-650-8
Parenzyme; Parenzymol; Typtar; Trypure. Proteolytic enzyme crystallized from an extract of the pancreas gland of the ox. Marion Merrell Dow Inc.; dNippon Chemiphar.

Enzyme Cofactors

8073 Acetiamine

299-89-8 51
 $C_{16}H_{22}N_4O_4S$
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-2-mercapto-1-methyl-1-butenyl)formamide O,S-diacetate.
D.A.T.; vitamin B₂; Thianeuron. Vitamin (enzyme cofactor). mp = 122-123°, 123-124°; soluble in H₂O, MeOH, EtOH.

8074 Acetiamine Hydrochloride

28008-04-0 51 248-774-0
 $C_{16}H_{23}ClN_4O_4S$
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-2-mercapto-1-methyl-1-butenyl)formamide O,S-diacetate hydrochloride.
Nevriton Comprimes. Vitamin (enzyme cofactor).

8075 Benfotiamine

22457-89-2 1068 245-013-4
 $C_{19}H_{23}N_4O_6PS$
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-2-mercapto-1-methyl-1-butenyl)formamide S-benzoate O-phosphate.
8088 C.B.; S-benzoylthiamine monophosphate; BTMP; Biotamin; Vitanevri. Vitamin (enzyme cofactor). mp = 165° (dec).

8076 Bisbentiamine

2667-89-2 1286 220-206-6
 $C_{38}H_{42}N_8O_6S_2$
N,N'-[Dithiobis[2-(2-benzoyloxyethyl)-1-methylvinylene]]bis[N-[(4-amino-2-methyl-5-pyrimidinyl)methyl]formamide].
Béprocin; Beston. Vitamin (enzyme cofactor). Vitamin B₁ source. mp = 146-147°. Tanabe Seiyaku.

8077 Calcium Pantothenate

137-08-6 7147 205-278-9
 $C_{18}H_{32}CaN_2O_{10}$
(R)-N-(2,4-Dihydroxy-3,3-dimethyl-1-butyl)- β -alanine calcium salt (2:1).
Calpan; Pantholin; Calpanate; component of: Stuartinic. Vitamin (enzyme cofactor). mp = 195-196° (dec); $[\alpha]_D^{20} = 28.2^\circ$ (c = 5); soluble in H₂O (35.7 g/100 ml), glycerol; slightly soluble in EtOH, Me₂CO. Pharmacia & Upjohn,

Inc. ; BASF Corp; Eli Lilly & Co.; Johnson & Johnson-Merck Consumer Pharmaceuticals.

8078 Calcium Pantothenate, Racemic
7147

$C_{18}H_{32}CaN_2O_{10}$
(±)-N-(2,4-Dihydroxy-3,3-dimethyl-1-butyl)-β-alanine calcium salt (2:1) .
Calpan; Pantholin; Calpanate. Vitamin (enzyme cofactor).
Pharmacia & Upjohn, Inc. ; BASF Corp; Eli Lilly & Co.; Johnson & Johnson-Merck Consumer Pharmaceuticals .

8079 Cetotiamine
137-76-8 2064

$C_{18}H_{26}N_4O_6S$
S-Ester of O-ethyl thiocarbonate with N-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-2-mercapto-1-methyl-1-butenyl)formamide ethyl carbonate.
O,S-dicarbethoxythiamine; DCET. Vitamin (enzyme cofactor). Vitamin B₁ source. mp = 113.5-114.5°. *Shionogi & Co., Ltd.*

8080 Cyclotiamine
6092-18-8 2824

$C_{13}H_{16}N_4O_3S$
N-[1-(2-Oxo-1,3-oxathian-4-ylidene)ethyl]-N-(4-amino-2-methyl-5-pyrimidinyl)methyl]formamide.
cyclothiamine; carbothiamine; cyclotiamine; CCT; Cometamine; Commetamin. Vitamin (enzyme cofactor). mp = 175.5° (dec); LD₅₀ (mus orl) = 13390 mg/kg; [hydrochloride ($C_{13}H_{17}ClN_4O_3S$)]; mp = 179-180° (dec). *Yamanouchi U.S.A. Inc.*

8081 Dexpanthenol
81-13-0 2988 201-327-3

$C_9H_{19}NO_4$
D-(+)-2,4-Dihydroxy-N-(3-hydroxypropyl)-3,3-dimethylbutyramide.
D-panthenol 50; Ilopan; Motilyn; pantothenylol; pantothenol; Alcopan-250; Intran; Pantenyl; Panthoderm; Bepanthen; Cozyme; Uruan; component of: Ilopan-Choline. Vitamin (enzyme cofactor). d₂₀²⁰ = 1.2; bp_{0.02} = 118-120°; [α]_D²⁰ = 29.5° (c = 5); freely soluble in H₂O, EtOH, MeOH; slightly soluble in Et₂O. *Abbott Labs.; BASF Corp; Savage Labs.*

8082 Fursultiamine
804-30-8 4333 212-357-1

$C_{17}H_{26}N_4O_3S_2$
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-[4-hydroxy-1-methyl-2-[(tetrahydrofurfuryl)dithio]-1-butenyl]formamide.
TTFD; Alinamin F; Diteftin; Judolor. Vitamin (enzyme cofactor). mp = 132° (dec); d = 1.29; sparingly soluble in H₂O; soluble in organic solvents, mineral acids; LD₅₀ (rat orl) = 2200 mg/kg, (rat ip) = 540 mg/kg. *Takeda.*

8083 Methylol Riboflavin
8002-52-6 6179

Mixture of methylol (1-3 methylol groups) derivatives of riboflavin.
Hyflavin. Vitamin (enzyme cofactor). Soluble in H₂O, insoluble in organic solvents; dextrorotatory. *Endo.*

8084 Niacin
59-67-6 6612 200-441-0

$C_6H_5NO_2$
3-Pyridinecarboxylic acid.
Nicotinic acid; Niac; Nicamin; Nicobid; Nicolar; Wampocap; P.P. Factor; Akotin; Daskil; Niacor; Nicacid; Nicangin; Niconacid; NicoSpan. Vitamin (enzyme cofactor). mp = 236.6°; λ_m = 263 nm; soluble in H₂O (1.67 g/100 ml); freely soluble in H₂O at 100°, EtOH at 76°; insoluble in Et₂O; LD₅₀ (raty sc) = 5000 mg/kg. *Abbott Labs.; Apothecon; Forest Pharmaceuticals Inc.; Marion Merrell Dow Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Wallace Labs.*

8085 Niacinamide
98-92-0 6574 202-713-4

$C_6H_6N_2O$
3-Pyridinecarboxamide.
Nicotinamide; Aminicotin; Benicot; Dipegyl; Nicamindon, Nicobion; Nictoamide; Nicotilamide; Pelmin; component of: Mediatric. Vitamin (enzyme cofactor). Precursor of the coenzyme NAD and NADP. mp = 128-131°; bp_{0.0005} = 150-160°; λ_m 261 nm (A_{1 cm}^{1%} 451); soluble in H₂O (100 g/100 ml), EtOH (66.6 g/100 ml), glycerol (10 g/100 ml); LD₅₀ (rat sc) = 1680 mg/kg. *Wyeth-Ayerst Labs.*

8086 Nicotinamide Ascorbate
1987-71-9 6610

L-Ascorbic acid mixture with 3-pyridinecarboxamide.
merpress; nicoscorbine; Nicastubin. Vitamin (enzyme cofactor). mp = 141-145°; [α]_D²⁰ = 27.5° (c = 8 H₂O); soluble in H₂O (40 g/100 ml), EtOH (2.4 g/100 ml), MeOH (10 g/100 ml); sparingly soluble in Me₂CO; insoluble in C₆H₆, Et₂O. *dMundipharma AG.*

8087 Octotiamine
137-86-0 6857

$C_{23}H_{36}N_4O_5S_3$
8-[[2-[N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-formamido]-1-(2-hydroxyethyl)propenyl]dithio]-6-mercaptooctanoic acid methyl ester acetate.
Gerostop; Neuvitan; TATD. Vitamin (enzyme cofactor). mp = 106-109°; λ_m = 234. 277 nm (ε 16200, 5820); [hydrochloride ($C_{23}H_{37}ClN_4O_5S_3$)]; mp = 134.5-135°; λ_m = 233 nm (ε 23000). *Fujisawa USA, Inc.*

8088 Pantothenic Acid
79-83-4 7147 201-229-0

$C_9H_{17}NO_5$
N-(2,4-Dihydroxy-3,3-dimethyl-1-butyl)-β-alanine.
chick antidermatitis factor; Vitamin B₅. Vitamin (enzyme cofactor). [α]_D²⁵ = 37.5°; freely soluble in H₂O, EtOAc, dioxane, AcOH; moderately soluble in Et₂O, amyl alcohol; insoluble in C₆H₆, CHCl₃.

8089 Pantothenic Acid Sodium Salt
867-81-2 7147 212-768-6

$C_9H_{16}NNaO_5$
N-(2,4-Dihydroxy-3,3-dimethyl-1-butyl)-β-alanine sodium salt.
Vitamin (enzyme cofactor). [α]_D²⁵ = 27.1° (c = 2).

8090 Prosultiamine

59-58-5 8068 200-436-3



N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-1-methyl-2-(propyldithio)-1-butenyl)formamide. dithiopropylthiamine; DTPT; TPD; Alinamin; Binova. Vitamin (enzyme cofactor). mp = 128-129° (dec); soluble in organic solvents, sparingly soluble in H₂O. *Takeda*.

8091 Prosultiamine Hydrochloride

973-99-9 8068 213-547-7



N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-1-methyl-2-(propyldithio)-1-butenyl)formamide hydrochloride.

Vitamin (enzyme cofactor). mp = 160-161° (dec).

8092 Pyridoxal 5-Phosphate

54-47-7 8163 200-208-3

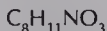


3-Hydroxy-2-methyl-5-[(phosphonoxy)methyl]-4-pyridinecarboxaldehyde hydrate.

Pyromijin; Sechvitan; Vitazechs. Vitamin (enzyme cofactor). Soluble in H₂O; λ_m = 390 nm (E_m 3.7 pH > 7), 295 nm (E_m 5.1 pH < 7). *E. Merck*.

8093 Pyridoxine Hydrochloride

58-56-0 8166 200-386-2



5-Hydroxy-6-methyl-3,4-pyridinedimethanol hydrochloride.

Beesix; Hexa-Betalin; Hexavibex; Bonasanit; Hexabione hydrochloride; Pyridipca; Pyridox; Bécilan; Benadon; Hexermin; component of: Bendectin, Spondylonal. Vitamin (enzyme cofactor). mp = 205-212° (dec); λ_m 290 nm (ϵ 8400 0.1N HCl), 253, 325 nm (ϵ 3700, 7100, pH 7); soluble in H₂O (22.2 g/100 ml), EtOH (1.1 g/100 ml), propylene glycol; sparingly soluble in Me₂CO; insoluble in Et₂O, CHCl₃. *BASF Corp*; *Eli Lilly & Co.*; *Forest Pharmaceuticals Inc.*; *Lederle Labs.*; *Marion Merrell Dow Inc.*; *Merck & Co., Inc.*; *Parke-Davis*; *General Aniline*.

8094 Riboflavin

83-88-5 8367 201-507-1



7,8-Dimethyl-10-(D-ribo-2,3,4,5-tetrahydroxypentyl)-isoalloxazine.

Vitamin B₂; lactoflavine; Vitamin G; Beflavin; Flavaxin. Vitamin (enzyme cofactor). mp = 278-282° (dec); has three crystal forms with different aqueous solubilities; $[\alpha]_D^{25}$ = -112° to -122° (c = 0.5 0.02N NaOH/EtOH); λ_m 2290225, 266, 371, 444, 475 nm; soluble in H₂O (0.033 g/100 ml - 0.006 g/100 ml), EtOH (0.0045 g/100 ml); slightly soluble in cyclohexanol, amyl acetate, benzyl alcohol, phenol; LD₅₀ (rat orl) > 10000 mg/kg, (rat sc) = 5000 mg/kg, (rat ip) = 560 mg/kg. *BASF Corp*; *Sterling Winthrop, Inc.*

8095 Riboflavin 2,3,4,5-Tetrabutryrate

752-56-7 8367 212-034-5



7,8-Dimethyl-10-(D-ribo-2,3,4,5-tetrahydroxypentyl)-isoalloxazine 2,3,4,5-tetrabutryrate.

Bituvitan; Eyekas; Hibon; Lacflavin; Ribolact; Wakaflavin

L; Viras. Vitamin (enzyme cofactor). *BASF Corp*; *Sterling Winthrop, Inc.*

8096 Riboflavin Monophosphate

146-17-8 8368 205-664-7



7,8-Dimethyl-10-(D-ribo-2,3,4,5-tetrahydroxypentyl)-isoalloxazine 5'-(dihydrogen phosphate).

flavin mononucleotide; FMN; vitamin B₂ phosphate. Vitamin (enzyme cofactor). *Hoffmann-LaRoche Inc.*; *Takeda*.

8097 Riboflavin Monophosphate Monosodium Salt

130-40-5 8368 204-988-6



7,8-Dimethyl-10-(D-ribo-2,3,4,5-tetrahydroxypentyl)-isoalloxazine 5'-(dihydrogen phosphate) monosodium salt.

Hyryl; Ribo. Vitamin (enzyme cofactor). Dihydrate; soluble in H₂O (11.2 g/100 ml). *Hoffmann-LaRoche Inc.*; *Takeda*.

8098 Sapropterin

62989-33-7 8515



(-)-(6R)-2-Amino-6-[(1R,2S)-1,2-dihydroxypropyl]-5,6,7,8-tetrahydro-4(3H)-pteridinone.

dapropterin; R-THBP; 6-BrBH₄. Vitamin (enzyme cofactor). Used in treatment of hyperphenylalaninemia. λ_m 265 nm (ϵ 14000 0.1N HCl). *Suntory*.

8099 Sapropterin Dihydrochloride

69056-38-8 8515



(-)-(6R)-2-Amino-6-[(1R,2S)-1,2-dihydroxypropyl]-5,6,7,8-tetrahydro-4(3H)-pteridinone dihydrochloride.

SUN-0588; Biopten. Vitamin (enzyme cofactor). Used in treatment of hyperphenylalaninemia. mp = 245-246° (dec); $[\alpha]_D^{25}$ = -6.81° (c = 0.665 0.1M HCl); λ_m 264 nm (ϵ 16770 2M HCl). *Suntory*.

8100 Thiamine

59-43-8 9430 200-425-3



3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methylthiazolium chloride.

vitamin B₁, aneurin; thiaminium chloride. Vitamin (enzyme cofactor).

8101 Thiamine Diphosphate

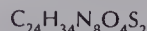
154-87-0 9431 205-836-1



3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methylthiazolium chloride P,P'-dioxide. Vitamin (enzyme cofactor). mp = 238-240° (dec), 240-244° (dec); λ_m 242 nm; soluble in H₂O. *E. Merck*.

8102 Thiamine Disulfide

67-16-3 9432 200-644-4



N,N'-[Dithiobis[2-(2-hydroxyethyl)-1-methyl-2,1-ethenediyl]]bis[N-[(4-amino-2-methyl-5-pyrimidinyl)methyl]formamide].

aneurin disulfide; Aktivin; Neolamin. Vitamin (enzyme

cofactor). mp = 177°; sparingly soluble in C_6H_6 , Me_2CO , Et_2O , $EtOH$. *Hoffmann-LaRoche Inc.*

8103 Thiamine Hydrochloride

67-03-8 9430 200-641-8

$C_{12}H_{17}ClN_4OS$

3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methylthiazolium chloride monohydrochloride.

Betalin S; Betaxin; Biamine; Benerva; Betabion; Bewon; Metabolin; Vitaneurin; component of: Spondylonal, Troph-Iron, Trophite, Trophite+Iron. Vitamin (enzyme cofactor). mp = 248° (dec); soluble in H_2O (100 g/100 ml), glycerol (5.5 g/100 ml), 95% $EtOH$ (1 g/100 ml), $EtOH$ (0.32 g/100 ml); more soluble in $MeOH$; soluble in propylene glycol; insoluble in Et_2O , C_6H_6 , $CHCl_3$, C_6H_{14} ; LD_{50} (mus iv) = 89.2 mg/kg, (mus orl) = 8224 mg/kg. *BASF Corp*; *Eli Lilly & Co.*; *Elkins-Sinn*; *Lederle Labs.*; *Menley & James Labs., Inc.*; *Sterling Winthrop, Inc.*; *Wyeth-Ayerst Labs.*

8104 Thiamine Mononitrate

532-43-4 9430 208-537-4

$C_{12}H_{17}N_5O_4S$

3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methylthiazolium chloride nitrate (salt). component of: Stuartinic. Vitamin (enzyme cofactor). Used to enrich flours and animal feeds. mp = 196-200° (dec); soluble in H_2O (2.7 g/100 ml at 25°, 30 g/100 ml at 100°). *American Cyanamid*; *BASF Corp*; *Johnson & Johnson-Merck Consumer Pharmaceuticals*.

8105 Vintiamol

26242-33-1 10129

$C_{21}H_{24}N_4O_3S$

N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-[2-[(2-benzoylviny)thio]-4-hydroxy-1-methyl-1-butenyl]formamide. Vitamin (enzyme cofactor). Two isomers, mp = 202-204° and mp = 100-103°.

Estrogens**8106 Benzestrol**

85-95-0 1102

$C_{20}H_{26}O_2$

4,4'-(1,2-Diethyl-3-methyltrimethylene)diphenol. Octofollin; Ocestrol; Chemestrogen. Estrogen mp = 162-166°; freely soluble in Me_2CO , Et_2O , $EtOH$, $MeOH$; slightly soluble in Et_2O , C_6H_6 , $CHCl_3$, petroleum ether; insoluble in H_2O ; [dibenzoate]: mp = 118-120°; [dimethyl ether]: mp = 56°.

8107 Broparoestrol

479-68-5 1471 207-537-1

$C_{22}H_{19}Br$

1-(2-Bromo-1,2-diphenylethenyl)-4-ethylbenzene. B.D.P.E.; LN-107; Acnestrol; Longestrol. Estrogen. Commercial product is a mixture of cis- and trans-isomers. [cis isomer]: mp = 112-113.5°; [trans isomer]: mp = 111.5-112°; soluble in Et_2O , C_6H_6 , $CHCl_3$; less soluble in $EtOH$.

8108 Chlorotrianisene

569-57-3 2225 209-318-6

$C_{23}H_{21}ClO_3$

1,1',1'(1-Chloro-1-ethenyl-2-ylidene)tris[4-methoxybenzene]. tris-(p-methoxyphenyl)ethylene; Hormonisene; Merbentul; Tace. Estrogen. mp = 114-116°; λ_m = 310 nm ($E_{1\%}^{1\text{cm}}$ = 423 $CHCl_3$); insoluble in H_2O ; soluble in $EtOH$ (0.28 g/100 ml), Et_2O (3.6 g/100 ml), $AcOH$, Me_2CO , $CHCl_3$, CCl_4 , C_6H_6 , vegetable oils. *Marion Merrell Dow Inc.*

8109 Cloxestradiol

54063-33-1

$C_{20}H_{25}Cl_3O_3$

17 β -(2,2,2-Trichloro-1-hydroxyethoxy)estra-1,3,5(10)-trien-3-ol. Estrogen.

8110 Colpormon

1247-71-8 2554 214-997-7

$C_{22}H_{26}O_5$

16 α -Hydroxyestrone diacetate.

Colpogynon. Estrogen. mp = 179-180°; $[\alpha]_D^{28}$ = 122° ($CHCl_3$). *Lab. Albert Rolland*.

8111 Dienestrol

84-17-3 3153 201-519-7

$C_{18}H_{18}O_2$

4,4'-(1,2-Diethylidene-1,2-ethanediyl)bisphenol. dienestrol; estrodienol; Cycladiene; Dienol; Dinovex; DV; Estroral; Gynefollin; Hormofemin; Oestracid; Oestrodien; Oestroral; Restrol; Retalon; Synestrol. Estrogen. mp = 227-228°, 231-234°; freely soluble in $EtOH$, $MeOH$, Et_2O , Me_2CO , propylene glycol, soluble in $CHCl_3$; insoluble in H_2O . *Boots Pharmaceuticals Inc.*; *Hoffmann-LaRoche Inc.*

8112 Dienestrol Diacetate

84-19-5 3153 201-520-2

$C_{22}H_{22}O_4$

4,4'-(1,2-Diethylidene-1,2-ethanediyl)bisphenol diacetate. Lipamone; Retalon-Oral. Estrogen. mp = 119-120°. *Boots Pharmaceuticals Inc.*; *Hoffmann-LaRoche Inc.*

8113 Diethylstilbestrol

56-53-1 3177 200-278-5

$C_{18}H_{20}O_2$

(E)-4,4'-(1,2-Diethyl-1,2-ethenediyl)bisphenol. DES; Antigestil; Bufon; Cyren A; Domestrol; Estrobene; Estrosyn; Oestromensyl; Oestromon; Palestrol; Serral; Sexocretin; Sibol; Stilbetin; Stilboefral; ; Stilboestroform; Stilkap; Synestrin (tablets); Synthoestrin; Vagestrol. Estrogen. mp = 169-172°; λ_m = 259 nm ($E_{1\%}^{1\text{cm}}$ 654 0.1N $NaOH$); insoluble in H_2O ; soluble in $EtOH$, Et_2O , $CHCl_3$, fatty oils. *Bayer AG*; *Ayerst*; *Cooper Vision, Inc.*; *Mallinckrodt, Inc.*; *E. Merck*; *Bristol-Myers Squibb Co.*; *Norwich*.

8114 Diethylstilbestrol Diphosphate

522-40-7 3177 208-328-8

$C_{18}H_{22}O_8P_2$

(E)-4,4'-(1,2-Diethyl-1,2-ethenediyl)bisphenol

diphosphate.

Stilbostrol. Estrogen. mp = 204-206°; sparingly soluble in cold H₂O. *Asta-Werke AG; Miles.*

8115 Dimestrol

130-79-0 3257 204-994-9

C₂₀H₂₄O₂

(E)-1,1'-(1,2-Diethyl-1,2-ethenediyl)bis[4-methoxybenzene].

Depot-Oestromenine; Depot-Oestrmon; Synthila.

Estrogen. mp = 124°; insoluble in H₂O; soluble in EtOH, Me₂CO, Et₂O.

8116 Equilenin

517-09-9 3675 208-230-5

C₁₈H₁₈O₂

3-Hydroxyestra-1,3,5,7,9-pentaen-17-one.

Estrogen. mp = 258-259°; [α]_D¹⁶ = 87° (dioxane); λ_m = 231, 270, 282, 292, 325, 340 nm; soluble in EtOH (.63 g/100 ml at 20°, 2.5 g/100 at 76°).

8117 Equilin

474-86-2 3676 207-488-6

C₁₈H₂₀O₂

3-Hydroxyestra-1,3,5(10),7-tetraen-17-one.

Estrogen. mp = 238-240°; [α]_D²⁵ = 308° (c = 2 dioxane); λ_m = 283-285 nm; soluble in EtOH, dioxane, Me₂CO, EtOAc; sparingly soluble in H₂O; [benzoate]: mp = 196-197°h; [methyl ether]: mp = 161-162°. *Schering Corp.*

8118 Estradiol

50-28-2 3746 200-023-8

C₁₈H₂₄O₂

(17β)-Estra-1,3,5(10)-triene-3,17-diol.

dihydrofollicular hormone; dihydrofolliculin; Dihydroxyestrin; dihydrotheelin; Dimenformon; Diogyn; Estrace; Estraderm; Estroclim; Evorel; Gynosteryl; Macro-diol; Menorest; Oestrogel; Ovocyclin; Ovocylin; Profoliol B; Progyonon; System; Vagifem; Zumenon; Aquadiol; Climara; Diogyn; Diogynets; Estrace; Estraderm TTS; Estring Vaginal Ring; Progyonon; Vivelle; NSC-9895; NSC-20293.

Estrogen. mp = 173-179°; [α]_D²⁵ = 76-83° (dioxane); λ_m = 225, 280 nm; insoluble in H₂O; soluble in EtOH, Me₂CO, dioxane. *Schering Corp.; Apoticon; Marion Merrell Dow Inc.; Berlex Labs., Inc.; Pfizer Inc.; Mead Johnson Labs.; Ciba-Geigy Corp.; Pharmacia & Upjohn, Inc.*

8119 Estradiol Benzoate

50-50-0 3746 200-043-7

C₂₅H₂₈O₃

(17β)-Estra-1,3,5(10)-triene-3,17-diol 3-benzoate.

Agofollin; Benzo-Gynosteryl; Benztrone; Pelanin benzoate; Progyonon B; Ovahormon Benzoate; NSC-9566.

Estrogen. mp = 191-196°; [α]_D²⁵ = 58° to 63° (dioxane); λ_m = 225, 280 nm (c = 2, dioxane); soluble in EtOH, Me₂CO, dioxane; slightly soluble in Et₂O. *Schering Corp.*

8120 Estradiol Cypionate

313-06-4 3746 206-237-8

C₂₆H₃₆O₃

(17β)-Estra-1,3,5(10)-triene-3,17-diol^B

17β-cyclopentanepropionate.

ECP; Depgyonogen; Depogen; Estrofem; component of: Depo-Testadiol. Estrogen. mp = 151-152°; [α]_D²⁵ = 45°

(CHCl₃); soluble in EtOH, MeOH, C₆H₆, CHCl₃, vegetable oils. *Pharmacia & Upjohn, Inc.*

8121 Estradiol Dipropionate

113-38-2 3746 204-026-5

C₂₄H₃₂O₄

(17β)-Estra-1,3,5(10)-triene-3,17-diol 3,17-dipropionate.

Ovahormon Depot. Estrogen. mp = 104-105°. *Ciba-Geigy Corp.*

8122 Estradiol Enanthate

4956-37-0 3746 225-599-8

C₂₅H₃₆O₃

(17β)-Estra-1,3,5(10)-triene-3,17-diol 17-heptanoate.

SQ-16150. Estrogen. mp = 94-96°. *Bristol-Myers Squibb Co.*

8123 Estradiol Undecylate

3571-53-7 3746 222-677-3

C₂₉H₄₄O₃

(17β)-Estra-1,3,5(10)-triene-3,17-diol 17-undecanoate.

SQ-9993; Delestrec. Estrogen. *Bristol-Myers Squibb Co.*

8124 Estradiol Valerate

979-32-8 3746 213-559-2

C₂₃H₃₂O₃

(17β)-Estra-1,3,5(10)-triene-3,17-diol 17-valerate.

Climaval; Cyclacur; Delestrogen; Gynogen LA; Pelanin Depot; Progyonon Depot; Progyonova; Primofol; Valergen; Deladumone; Delestrogen; Gynogen L.A. 40; NSC-17590; component of: Deluteval 2X, Ditrate. Estrogen. mp = 144-145°. *Ciba-Geigy Corp.; Bristol-Myers Squibb Co.; Forest Pharmaceuticals Inc.; Mead Johnson Labs.; Savage Labs.*

8125 Estrapronicate

4140-20-9

C₂₇H₃₁NO₄

Estradiol 17-nicotinate 3-propionate.

Estrogen.

8126 Estrazinol Hydrobromide

15179-97-2

C₂₀H₂₆BrNO₂

(±)-3-Methoxy-8-aza-19-nor-17α-pregna-1,3,5(10)-trien-20-yn-17-ol hydrobromide.

W-4454A. Estrogen. *Parke-Davis.*

8127 Estriol

50-27-1 3750 200-022-2

C₁₈H₂₄O₃

Estra-1,3,5(10)-triene-3,16α,17β-triol.

Theelol; follicular hormone hydrate; oestriol; trihydroxyestrin; Aacifemine; Colpogyn; Destriol; Gynasan; Hormomed; Klimax E; Klimoral; Oekolp; Ortho-Gynest; Ovesterin; Ovestin; Ovo-Vinces; Tridestrin; Triovex. Estrogen. Used in estrogenic hormone therapy. mp = 282°; d = 1.27; [α]_D²⁵ = 58° ± 5° (c = 4 dioxane); λ_m = 280 nm; insoluble in H₂O; soluble in EtOH, dioxane, CHCl₃, Et₂O, vegetable oils, C₅H₅N. *Parke-Davis.*

8128 Estriol Succinate

514-68-1 3750 208-185-1
 $C_{26}H_{30}Na_2O_9$
 Estra-1,3,5(10)-triene-3,16 α ,17 β -triol
 16,17-bis(sodium hemisuccinate).
 Orgastypin; Stiptanon; Synapause. Estrogen. Used in
 estrogenic hormone therapy. *Parke-Davis*.

8129 Estrofurate

10322-73-3
 $C_{24}H_{26}O_4$
 21,23-Epoxy-19,24-dinor-17 α -chola-1,3,5(10)-7,20,22-
 hexaene-3,17-diol 3-acetate.
 AY-11483. Estrogen. *Wyeth-Ayerst Labs*.

8130 Estrogens, Conjugated

Premarin; component of: PMB-2000, PMB-4000.
 Estrogen. *Wyeth-Ayerst Labs*.

8131 Estrogens, Esterified

Amnestrogen; Estratab; Menest; component of: Estratest,
 Menrium. Estrogen. *Bristol-Myers Squibb Co.*; *Solvay
 Pharmaceuticals*; *SmithKline Beecham Pharmaceuticals*;
Hoffmann-LaRoche Inc.

8132 Estrone

53-16-7 3751 200-164-5
 $C_{18}H_{22}O_2$
 3-Hydroxyestra-1,3,5(10)-17-one.
 Theelin; oestrone; folliculin; follicular hormone; tokokin;
 thelykinin; ketohydroxyestrin; Hiestrone; Menformon;
 Glandubolin; Cristallovar; Destrone; Endofolliculina;
 Estrol; Fermidyn; Folikrin; Kolpon; Crinovaryl; Folisan;
 Disynformon; Hormovarine; Oestroporos; Wynestron;
 Thelestrin; Kestrone; Estrusol; Estrugenone; Femestron
 Inj.; Folipex; Follestrine; Follidrin (tablets); Follicunodis;
 Hormofollin; Oestrin; Ovifollin; Perlatan; Ketodestrin.
 Estrogen. mp = 254.5-256°; $[\alpha]_D^{22} = 152^\circ$ (c = 0.995
 $CHCl_3$); $\lambda_m = 282, 296$ nm (ϵ 2300, 2130 dioxane), 300,
 450 nm (conc. H_2SO_4), 239, 293 nm (0.1M NaOH);
 soluble in H_2O (0.003 g/100 ml), EtOH (0.4 g/100 ml at
 15°, 2 g/100 ml at 76°), Me_2CO (2 g/100 ml at 15°),
 $CHCl_3$ (0.091 g/100 ml at 15°), C_6H_6 (0.69 g/100 ml at
 80°), dioxane, C_5H_5N , vegetable oils, slightly soluble in
 Et_2O . *Savage Labs.*; *Parke-Davis*; *Wyeth-Ayerst Labs*.

8133 Estrone Acetate

901-93-9 3751
 $C_{20}H_{24}O_3$
 3-Hydroxyestra-1,3,5(10)-17-one acetate.
 Hogival. Estrogen. mp = 125-127°. *Parke-Davis*.

8134 Estrone Methyl Ether

1091-94-7 3751
 $C_{19}H_{24}O_2$
 3-Hydroxyestra-1,3,5(10)-17-one methyl ether.
 Estrogen. mp = 164-165°; [dl form]: mp = 143.2-144.2°.
Parke-Davis.

8135 Estrone Propionate

975-64-4 3751
 $C_{21}H_{26}O_3$
 3-Hydroxyestra-1,3,5(10)-17-one propionate.
 Estrogen. mp = 134-135°. *Parke-Davis*.

8136 Estrone Sulfate Piperazine Salt

7280-37-7 3751 230-696-3
 $C_{22}H_{32}N_2O_5S$
 3-Hydroxyestra-1,3,5(10)-17-one sulfate piperazine (salt).
 estropipate; piperazine estrone sulfate; Harmogen; Ogen;
 Sulestrex Piperazine. Estrogen. mp = 190°, 245°; $[\alpha]_D^{25} =$
 87.8° (c = 1 0.4% NaOH); $\lambda_m = 275, 268$ nm (ϵ = 838,
 851 0.4% NaOH). *Parke-Davis*.

8137 Ethinyl Estradiol

57-63-6 3780 200-342-2
 $C_{20}H_{24}O_2 \cdot 0.5H_2O$
 19-Nor-17 α -pregna1,3,5(10)-trien-20-yne-3,17-diol.
 Diogyn E; Estinyl; NSC-10973; Estigyn; Ethy 11; Eticylol;
 Eticyclin; Etivex; Feminone; Gynolett; Kolpolyn; Linoral;
 Lynoral; Oradiol; Orestralin; Primogyn C; Progynon C;
 Progynon M; component of: Brevicon, Demulen,
 Desogen, Estopherol, Estrostep, Levlen, Loestrin,
 Lo/Ovral, ModiCon, Nordette, Norethin 1/35E, Nolestrin,
 Ortho-Cyclen, Ortho-Novum, Ovcon, Ovral, Tri-Levlen,
 Triphasil. Estrogen. mp = 141-146°; $[\alpha]_D^{25} = 0^\circ \pm 1^\circ$
 (dioxane); [anhydrous]: mp = 182-184°; $[\alpha]_D^{24} = 3.5^\circ \pm 0.5^\circ$
 (c = 2 dioxane), -29.5° $\pm 1^\circ$ (c = 2 C_5H_5N); $\lambda_m = 281$ nm
 (ϵ 2040 ± 60 EtOH); insoluble in H_2O ; soluble in EtOH
 (16.6 g/100 ml), Et_2O (25.0 g/100 ml), Me_2CO (20.0
 g/100 ml), dioxane (25 g/100 ml), $CHCl_3$ (5 g/100 ml);
 LD_{50} (rat orl) = 2952 mg/kg, (mus orl) = 1737 mg/kg.
Pfizer Inc.; *Schering Corp.*; *Syntex Labs. Inc.*; *Searle,
 G.D., & Co.*; *Organon Inc.*; *Marion Merrell Dow Inc.*;
Berlex Labs., Inc.; *Parke-Davis*; *Wyeth-Ayerst Labs.*;
Ortho Pharmaceutical Corp.; *Roberts Pharmaceutical
 Corp.*; *Mead Johnson Labs*.

8138 Fenestrel

7698-97-7
 $C_{16}H_{20}O_2$
 5-Ethyl-6-methyl-4-phenyl-3-cyclohexene-1-carboxylic
 acid.
 Estrogen. *Ortho Pharmaceutical Corp.*

8139 Fosfestrol

522-40-7 4279 208-328-8
 $C_{18}H_{22}O_8P_2$
 (E)-4,4'-(1,2-Diethyl-1,2-ethenediyl)bisphenol
 diphosphate.
 Stilphostrol. Estrogen. Also used as a hormonal
 antineoplastic. mp = 204-206°; sparingly soluble in cold
 H_2O ; [disodium salt]: mp = 230°; soluble in H_2O . *Asta-
 Werke AG*; *Miles*; *Bayer AG*.

8140 Fosfestrol Tetrasodium Salt

4719-75-9 4279 225-209-6
 $C_{18}H_{20}N_4O_8P_2$
 (E)-4,4'-(1,2-Diethyl-1,2-ethenediyl)bisphenol
 diphosphate tetrasodium salt.
 Cytonal; Honvan; Honvol; ST-52; Stilbostatin. Estrogen.
 Also used as a hormonal antineoplastic. *Asta-Werke AG*;
Miles; *Bayer AG*.

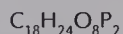
8141 Hexestrol

84-16-2 4738 201-518-1
 $C_{18}H_{22}O_2$
 4,4'-(1,2-Diethylethylene)diphenol.
 NSC-9894; hexoestrol; Synthovo; Cycloestrol;

Hexanoestrol; Hormoestrol; Syntrogene. Estrogen. Also used as a hormonal antineoplastic. mp = 185-188°; soluble in Et₂O, Me₂CO, EtOH, MeOH; slightly soluble in C₆H₆, CHCl₃; insoluble in H₂O; [diacetate (Retalon-Lingual)]: mp = 137-139°; [dipropionate (Retalon Oleosum)]: mp = 127-128°. *Hoffmann-LaRoche Inc.*

8142 Hexestrol Diphosphate

14188-82-0 4738

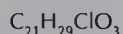


4,4'-(1,2-Diethylethylene)diphenol diphosphate.

Cytostatin; hexestrol 4,4'-diphosphoric acid. Estrogen. Also used as a hormonal antineoplastic. *Hoffmann-LaRoche Inc.*

8143 Hydromadinone

16469-74-2

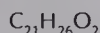


6α-Chloro-17-hydroxyprogesterone.

Estrogen.

8144 Mestranol

72-33-3 5976 200-777-8

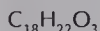


3-Methoxy-19-norpregna-1,3,5(10)-trien-20-yn-17β-ol.

Menophase, Norquen, Ovastol; EE₃ME; 33355; component of: Enovid, Norethin 1/50 M, Norinyl, Norquen, Ortho-Novum, Ovulen. Estrogen. Used in combination with a progestogen as an oral contraceptive. mp = 150-151°; λ_m^{1%} = 279, 287.5 nm (E_{1 cm}^{1%} 82, 14.4 MeOH); soluble in EtOH, Et₂O, CHCl₃, Me₂CO, dioxane; insoluble in H₂O. *Searle, G.D., & Co.; Roberts Pharmaceutical Corp.; Syntex Labs. Inc.; Ortho Pharmaceutical Corp.*

8145 Methallenestrol

517-18-0 6012 208-232-6

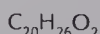


3-(6-Methoxy-2-naphthyl)-2,2-dimethylpentanoic acid.

Vallestril. Estrogen. mp = 139-140°; soluble in Et₂O, vegetable oils.

8146 Methestrol

130-73-4 6045

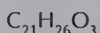


4,4'-(1,2-Diethylethylene)di-o-cresol.

dimethylhexestrol; σ-promethestrol; promethestrol. Estrogen. mp = 145°; [dipropionate (meprane dipropionate)]: mp = 115°; soluble in Et₂O, EtOAc, C₆H₆; slightly soluble in EtOH; insoluble in H₂O.

8147 Moxestrol

34816-55-2 6372

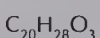


11β-Methoxy-19-nor-17α-pregna-1,3,5(10)-trien-20-yne-3,17-diol.

R-2858; Surestryl. Estrogen. mp = 280°; [α]_D²⁰ = 29° (c = 0.6 EtOH); λ_m^{1%} = 280 nm (E_{1 cm}^{1%} = 58.4 EtOH). *Roussel-UCLAF.*

8148 Mytatrienediol

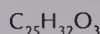
5108-94-1 6424



3-Methoxy-16-methyl-1,3,5(10)-estratriene-16β,17β-diol. SC-6924; Anvene; Manvene. Estrogen. Also has antilipemic and hypocalciuric properties. mp = 179-181°; [α]_D²⁰ = 71° (dioxane). *Searle, G.D., & Co.*

8149 Nylestriol

39791-20-3

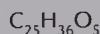


17α-Ethynylestra-1,3,5(10)-triene-3,16α,17β-triol

3-cyclopentyl ether.

49825. Estrogen. *Eli Lilly & Co.***8150 Pregnenolone Succinate**

4598-67-8 225-001-5

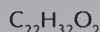


3β-Hydroxypregn-5-en-20-one hydrogen succinate.

Formula 405. Non-hormonal sterol derivative. A neurosteroid. Forms a progesterone analog on dehydrogenation. *Doak Pharmacal Co.*

8151 Promestriene

39219-28-8 254-361-6

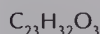


17β-Methoxy-3-propoxyestra-1,3,5(10)-triene.

An estrogen studied for topical treatment of hyperseborrhea.

8152 Quinestradiol

1169-79-5 8238 214-623-2

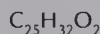


3-(Cyclopentyloxy)estra-1,3,5(10)-triene-16α,17β-diol.

quinestradiol; estriol 3-cyclopentyl ether; Colpovis; Pentovis. Estrogen. mp = 98-100°. *Vismara.*

8153 Quinestrol

152-43-2 8239 205-803-1



3-(Cyclopentyloxy)19-norpregna-1,3,5(10)-triene-20-yn-17β-ol.

W-3566; Estrovis. Estrogen. mp = 107-108°; [α]_D²⁵ = 5° (c = 0.5 dioxane). *Vismara.*

Expectorants

8154 Acetylcysteine

616-91-1 89 210-498-3



N-Acetyl-L-cysteine.

NSC-111180; Airbron; Broncholysin; Brunac; Fabrol; Fluatox; Fluimucil; Fluimucetin; Fluprowit; Mucocedyl; Mucolator; Mucolyticum; Mucomyst; Muco Sanigen; Mucosolvin; Mucret; NAC; Neo-Fluimucil; Parvolex; Respaire; Tixair. Mucolytic; corneal vulnerary; antidote for acetaminophen poisoning; expectorant (veterinary). mp = 109-110°; LD₅₀ (rat orl) = 5050 mg/kg. *Bristol Labs.; DuPont Merck Pharmaceutical Co.; Mead Johnson Labs.*

8155 Ambroxol

18683-91-5 401 242-500-3



trans-4-[(2-Amino-3,5-dibromobenzyl)amino]-cyclohexanol.

NA-872. Expectorant. Metabolite of bromhexine.

Thomae.

8156 Ambroxol Hydrochloride

23828-92-4 401

$C_{13}H_{19}Br_2ClN_2O$

trans-4-[(2-Amino-3,5-dibromobenzyl)amino]-cyclohexanol hydrochloride.

Abramen; Ambril; Bronchopront; Duramucal; Fluibron; Fluixol; Frenopect; Lindoxyl; Motosol; Muco-Burg; Mucofar; Mucasan; Mucosolvan; Mucoclear; Mucovent; Pect; Solvolan; Stas-Hustenlo+u7ser; Surbronc; Surfactal.

Expectorant. mp = 233-234.5° (dec); LD₅₀ (mus ip) = 268 mg/kg, (rat ip) = 380 mg/kg, (mus orl) = 2720 mg/kg, (rat orl) = 13400 mg/kg. *Thomae; C.M. Industries.*

8157 Ammonium Carbonate

10361-29-2 534 233-786-0

34% NH₃, 45% CO₂

Carbonic acid ammonium salt.

Hartshorn. Expectorant. Mixture of ammonium bicarbonate and ammonium carbamate. Also used as a pharmaceutical aid (ammonia source), in baking powder and smelling salts, as an analytical chemical reagent, and in the processing of textiles, rubber, and dyes. Dec on exposure to air; volatilizes 60°; incompatible with acids, acidic salts, iron salts, zinc salts, alkaloids, alum, calomel, tartar emetic.

8158 Bromhexine

3572-43-8 1412 210-280-8

$C_{14}H_{20}Br_2N_2$

2-Amino-3,5-dibromo-N-cyclohexyl-N-methyl benzenemethanamine.

Expectorant; mucolytic. Dec 237°; soluble in H₂O or 10% EtOH (0.4 g/100 ml); LD₅₀ (rbt orl) > 10000 mg/kg.

8159 Bromhexine Hydrochloride

611-75-6 1412 222-684-1

$C_{14}H_{20}Br_2ClN_2$

2-Amino-3,5-dibromo-N-cyclohexyl-N-methyl benzenemethanamine monohydrochloride.

NA-274; Auxit; Bisolvon; Ophtsol; Quantan. Expectorant; mucolytic.

8160 Brovanexine

54340-61-3

$C_{24}H_{28}Br_2N_2O_4$

2',4'-Dibromo-α-(cyclohexylmethylamino)-o-vanillitoluidide acetate (ester).

An expectorant.

8161 Calcium Iodide

10102-68-8 1720 233-276-8

CaI₂

Calcium iodide.

Expectorant. mp = 740°; bp = 1100°; soluble in H₂O, EtOH, Me₂CO; insoluble in Et₂O, dioxane.

8162 Carbocysteine

638-23-3 1850 211-327-5

$C_5H_9NO_4S$

S-(Carboxymethyl)-L-cysteine.

carboxymethylcysteine; Ahr-3053; LJ-206; Carbocit; Fluifort; Lisil; Lisomucil; Loviscol; Muciclar; Mucocis; Mucodyne; Mucolase; Mucolox; Mucopront; Mucotab;

Mukinyl; Pectox; Pulmoclast; Reomucil; Rhinathiol; Siroxyl; Thiodril; Transbronchin. Mucolytic; expectorant. mp = 204-207°; [(L)-form]: [α]_D²⁴ = 0.5° (1N HCl).

8163 Cistinexine

86042-50-4

$C_{50}H_{60}Br_4N_6O_6S_2$

Dibenzyl

[dithiobis[(R)-1-[4,6-dibromo-α-(cyclohexylmethylamino)-o-tolyl]carbamoyl]ethylene]dicarbamate.

Expectorant.

8164 Guaiacol

90-05-1 4575 201-964-7

$C_7H_8O_2$

2-Methoxyphenol.

methylcatechol; o-hydroxyanisole; Anastil. Expectorant. Isolated from guaiac resin. bp = 204-206°; bp₄ = 53-55°; soluble in H₂O (1.54 g/100 ml), glycerol (100 g/100 ml), NaOH solution; miscible with EtOH, CHCl₃, Et₂O, oils; slightly soluble in petroleum ether; LD₅₀ (rat orl) = 725 mg/kg. *Hoechst.*

8165 Guaiacol Benzoate

531-37-3 4576 208-507-0

$C_{14}H_{12}O_3$

2-Methoxyphenyl benzoate.

benzoguaiacol; Benzosol. Expectorant. mp = 57-58°; slightly soluble in H₂O; soluble in hot EtOH, CHCl₃, Et₂O. *Bayer AG.*

8166 Guaiacol Carbonate

553-17-3 4577 209-034-2

$C_{15}H_{14}O_5$

Carbonic acid bis(2-methoxyphenyl) ester.

diguaiacyl carbonate; guaiacol carbonic acid neutral ester; carbonic acid guaiacol ether; Duotal. Expectorant. mp = 88.1°; nearly insoluble in H₂O; soluble in EtOH (1.6 g/100 ml), CHCl₃ (100 g/100 ml), Et₂O (5.6 g/100 ml); slightly soluble in liquid fatty acids.

8167 Guaiacol Phenylacetate

4112-89-4 4575 223-898-8

$C_{15}H_{14}O_3$

2-Methoxyphenol phenylacetate.

Gujaphenyl; Gunyl. Expectorant. *Hoechst.*

8168 Guaifenesin

93-14-1 4582 202-222-5

$C_{10}H_{14}O_4$

3-(2-Methoxyphenoxy)-1,2-propanediol.

guaiaacyl glyceryl ether; glyceryl guaiaacyl ether; glycerol guaiacolate; α-glyceryl guaiaacol ether; o-methoxyphenyl glyceryl ether; guaiaacol glyceryl ether; guaiphenesin; guaiaacuran; MY-301; XL-90; 2-G; Actifed-C; amonidren; Calmipan; Colrex Expectorant; Equicol; Glycodex; Guaamar; Guayanesin; Miocaina; Myocaine; Myoscaïn; Oresol; Oreson; Relaxil G; Reorganin; Respenyl; Resyl; Robitussin; Sirotol; Tenntus; Tulyin; component of: Brexin EX, of Brondecon, Congestac, Contac Cough Formula, Contac Cough & Sore Throat Formula, Coricidin, Dilor G, Dimacol, ENTEX, Fedahist, Histalet X Tablets, Hycotuss Tablets, Isoclor Expectorant C, Kwelcof, Lufyllin-GG, Naldecon-CX, Naldecon-DX, Naldecon-EX, Neothylline-GG, Nucofed Expectorant, PV Tussin Tablet, Quibron,

Quibron Plus, Ru-Tuss DE Tablets, Ru-Tuss Expectorant, Slo-Phyllin GG, Sudafed Cough Syrup, Tedral Expectorant, Theolair Plus, Triaminic, Tussar-2, Tussar SF Expectorant. Centrally acting muscle relaxant with expectorant properties. mp = 78.5-79°; bp₁₉ = 215°; soluble in H₂O (5 g/100 ml at 25°), EtOH, CHCl₃, glycerol, propylene glycol, DMF; moderately soluble in C₆H₆; nearly insoluble in petroleum ether. 3M Pharmaceuticals; Ascher, B.F. & Co.; Boots Pharmaceuticals Inc.; Burroughs Wellcome; Bristol Labs.; Bristol-Myers Squibb Co.; Degussa AG; DuPont Merck Pharmaceutical Co.; Fisons Corp.; Forest Pharmaceuticals Inc.; Lemmon Co.; Marion Merrell Dow Inc.; Menley & James Labs., Inc. Norwich; Rhône-Poulenc; Robins, A.H. Co.; Parke-Davis; Sandoz Pharmaceuticals Corp.; Savage Labs.; Schering AG; Schwarz Pharma Kremers Urban Co.; SmithKline Beecham Pharmaceuticals; Solvay Pharmaceuticals; Wallace Labs.; Xttrium Labs., Inc.

8169 Guaithylline

5634-38-8 4582 227-078-0
C₁₇H₂₂N₄O₆
3,7-Dihydro-1,3-dimethyl-1H-Purine-2,6-dione compound with 3-(2-methoxyphenoxy)-1,2-propanediol (1:1).
guaifylline; Eclabron. Expectorant. Degussa AG; Forest Pharmaceuticals Inc.; Key Pharmaceuticals; Robins, A.H. Co. Xttrium Labs., Inc.

8170 Potassium Guaicolsulfonate

1321-14-8 7798 215-314-5
C₇H₇KO₅S
Potassium 3-hydroxy-4-methoxybenzenesulfonate. sulfoguaiacol; Tiocol; Orthocoll. Expectorant. Mixture of potassium salts of 4- and 5-guaicolsulfonic acid. Soluble in H₂O (13.3g/100 ml), insoluble in Et₂O, nearly insoluble in EtOH.

8171 Potassium Iodide

7681-11-0 7809 231-659-4
IK
Potassium iodide.
Jodid; Thyrobloc; Thyrojod. Antifungal; expectorant; iodine supplement. mp = 680°; d = 3.12; soluble in H₂O, absolute EtOH, Me₂CO, glycerol, glycol; LD₅₀ (rat iv) 285 mg/kg. Knoll Pharmaceutical Co.; Stuart; Wallace Labs.

8172 Quillaic Acid

631-01-6 8221 211-149-8
C₃₀H₄₆O₅
(3β,4α,16α)-3,16-Dihydroxy-23-oxoolean-12-en-28-oic acid.
quillaja sapogenin. mp = 292-293°; [α]_D²⁰ = +56.1° (c = 2.9 in C₅H₅N); soluble in EtOH, Et₂O, Me₂CO, EtOAc, AcOH.

8173 Sodium Citrate

68-04-2 8746 200-675-3
C₆H₅Na₃O₇
Trisodium citrate.
Citrosodine; Citnantin; Urisal. Systemic alkalizer; diuretic; expectorant; sudorific. [dihydrate]: soluble in H₂O; insoluble in EtOH; pH 8; LD₅₀ (rat ip) = 1548 mg/kg;

[pentahydrate]: not as stable as the dihydrate.

8174 Sodium Iodide

† 7681-82-5 1412 231-679-3
INa
Sodium iodide.
Ioduril; Anayodin. Iodine supplement; expectorant. Soluble in H₂O (200 g/100 ml), EtOH (50 g/100 ml), glycerol (100 g/100 ml); Me₂CO; pH = 8-9.5; MLD (rat iv) = 1300 mg/kg.

8175 Terpin

80-53-5 9314 201-288-2
C₁₀H₂₀O₂
p-Menthane-1,8-diol.
dipenteneglycol. Expectorant (cis-form hydrate).

8176 Terpin Hydrate

1256-01-6 9314
C₁₀H₂₂O₃
p-Menthane-1,8-diol monohydrate.
terpinol. Expectorant.

Fibrinogen Receptor Antagonists

8177 Fradafiban

148396-36-5
C₂₀H₂₁N₃O₄
(3S,5S)-5-[[[4'-Amidino-4-biphenyl]oxy]methyl]-2-oxo-3-pyrrolidoneacetic acid.
Fibrinogen receptor antagonist.

8178 Lamifiban

144412-39-7 5362
C₂₄H₂₈N₄O₆
[[1-[N-(p-Amidinobenzoyl)-L-tyrosyl]-4-piperidyl]oxy]acetic acid.
Ro-44-9883/000. Fibrinogen receptor antagonist. Used as an antithrombotic. mp > 200°; [α]_D²⁰ = 29.8° (c = 0.86 1N HCl). Hoffmann-LaRoche Inc.

8179 Lamifiban Trifluoroacetate

144412-50-0 5362
C₂₆H₂₉F₃N₄O₈
[[1-[N-(p-Amidinobenzoyl)-L-tyrosyl]-4-piperidyl]oxy]acetic acid trifluoroacetate.
Fibrinogen receptor antagonist. Used as an antithrombotic. mp = 125-130° (dec); LD₅₀ (mus iv) = 250 mg/kg. Hoffmann-LaRoche Inc.

8180 Tirofiban

144494-65-5 9605
C₂₂H₃₆N₂O₅S
N-(Butylsulfonyl)-4-[4-(4-piperidyl)butoxy]-L-phenylalanine.
Fibrinogen receptor antagonist. Used as an antithrombotic and in the treatment of unstable angina. mp = 223-225°. Merck & Co., Inc.

8181 Tirofiban Hydrochloride

142373-60-2 9605
C₂₂H₃₇ClN₂O₅S
N-(Butylsulfonyl)-4-[4-(4-piperidyl)butoxy]-L-phenylalanine hydrochloride.

Fibrinogen receptor antagonist. Used as an antithrombotic and in the treatment of unstable angina. *Merck & Co., Inc.*

8182 Tirofiban Hydrochloride Monohydrate

150915-40-5 9605

$C_{22}H_{37}ClN_2O_5 \cdot H_2O$
N-(Butylsulfonyl)-4-[4-(4-piperidyl)butoxy]-L-phenylalanine hydrochloride monohydrate. Aggrastat; MK-383; L-700462. Fibrinogen receptor antagonist. Used as an antithrombotic and in the treatment of unstable angina. mp = 131-132°; $[\alpha]_D^{25} = -14.4^\circ$ (c = 0.92 MeOH). *Merck & Co., Inc.*

Gastric Proton Pump Inhibitors**8183 Lansoprazole**

103577-45-3 5373

$C_{16}H_{14}F_3N_3O_2S$
2-[[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl)methyl]sulfinyl]benzimidazole. Prevacid; AG-1749; A-65006; Agopton; Lanzor; Ogast; Takepron; Zoton. Gastric proton pump inhibitor. Used as an anti-ulcerative. mp = 178-182°. *Takeda; TAP Pharmaceuticals.*

8184 Omeprazole

73590-58-6 6977

$C_{17}H_{19}N_3O_3S$
5-Methoxy-2-[[[4-methoxy-3,5-dimethyl-2-pyridyl)methyl]sulfinyl]benzimidazole. Prilosec; Antra; Gastroloc; Losec; Mepral; Mopral; Omepral; Omeprazen; Parizac; Pepticum. Gastric proton pump inhibitor. Used as an anti-ulcerative. mp = 156°; LD₅₀ (mus iv) 80 mg/kg, (mus orl) > 4000 mg/kg, (rat iv) > 50 mg/kg, (rat orl) > 4000 mg/kg. *Astra Hässle AB; Astra Sweden; Merck & Co., Inc.*

8185 Omeprazole Sodium

95510-70-6 6977

$C_{17}H_{18}N_3NaO_3S$
5-Methoxy-2-[[[4-methoxy-3,5-dimethyl-2-pyridyl)methyl]sulfinyl]benzimidazole sodium salt. Losec Sodium; H 168/68. Gastric proton pump inhibitor. Used as an anti-ulcerative. *Astra Hässle AB; Astra Sweden; Merck & Co., Inc.*

8186 Pantoprazole

102625-70-7 7146

$C_{16}H_{15}F_2N_3O_3S$
5-(Difluoromethoxy)-2-[[[3,4-dimethoxy-2-pyridyl)methyl]sulfinyl]benzimidazole. SK&F-96022; BY1023. Gastric proton pump inhibitor. Used as an anti-ulcerative. mp = 139-140° (dec). *SmithKline Beecham Pharmaceuticals; Byk Gulden Lomberg Chemische Fabrik GmbH.*

8187 Pantoprazole Sodium Salt

138786-67-1 7146

$C_{16}H_{14}F_2N_3NaO_3 \cdot 4S$
5-(Difluoromethoxy)-2-[[[3,4-dimethoxy-2-pyridyl)methyl]sulfinyl]benzimidazole sodium salt. Gastric proton pump inhibitor. Used as an anti-ulcerative. mp > 130° (dec); λ_m 289 nm (ϵ 16400 MeOH). *SmithKline Beecham Pharmaceuticals; Byk Gulden Lomberg*

Chemische Fabrik GmbH.

8188 Rabeprazole

117976-89-3 8272

$C_{18}H_{21}N_3O_3S$
2-[[[4-[3-Methoxypropoxy]-3-methyl-2-pyridyl)methyl]sulfinyl]benzimidazole. LY-307640; pariprazole. Gastric proton pump inhibitor. Used as an anti-ulcerative. mp = 99-100° (dec). *Eisai; Eli Lilly & Co.*

8189 Rabeprazole Sodium Salt

117976-90-6 8272

$C_{18}H_{20}N_3NaO_3S$
2-[[[4-[3-Methoxypropoxy]-3-methyl-2-pyridyl)methyl]sulfinyl]benzimidazole sodium salt. LY-307640 sodium; E-3810. Gastric proton pump inhibitor. Used as an anti-ulcerative. mp = 140-141° (dec). *Eisai; Eli Lilly & Co.*

8190 Timoprazole

57237-97-5

$C_{13}H_{11}N_3OS$
2-[(2-Pyridylmethyl)sulfinyl]benzimidazole. H⁺,K⁽⁺⁾-ATPase ion pump inhibitor. Gastric secretion inhibitor.

Gastric Secretion Inhibitors**8191 Arbaprostil**

55028-70-1 808

$C_{21}H_{34}O_5$
(E,Z)-(1R,2R,3R)-7-[3-Hydroxy-2-[(3R)-(3-hydroxy-3-methyl-1-octenyl)]-5-oxocyclopentyl]-5-heptenoic acid. 15-methylprostaglandin E₂; U-42842; Arbacet. Gastric antisecretory agent. [(15S)-methyl ester ($C_{22}H_{36}O_5$): $[\alpha]_D = -79^\circ$ (c = 1.3 CHCl₃); λ_m 278 nm (ϵ 25250 basic EtOH); [(15R)-methyl ester ($C_{22}H_{36}O_5$): $[\alpha]_D = -74^\circ$ (c = 1.0 CHCl₃); λ_m 278 nm (ϵ 25200 basic EtOH). *Pharmacia & Upjohn, Inc.*

8192 Casokefamide

98815-38-4

$C_{33}H_{40}N_6O_7$
L-Tyrosyl-D-alanyl-L-phenylalanyl-D-alanyl-L-tyrosinamide. Gastric secretion inhibitor. Increases the resistance to gastric proteases.

8193 Deprostil

33813-84-2

$C_{21}H_{38}O_4$
(1R,2S)-2-(3-Hydroxy-3-methyloctyl)-5-oxocyclopentaneheptanoic acid. AY-22469. Gastric antisecretory agent.

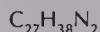
8194 Enterogastrone

9007-67-4 3632 232-703-5

Anthelone E. enteroanthelone; Duosan; Ileogastrone. Gastric antisecretory agent. Freely soluble in H₂O. *Research Corp.*

8195 Fenoctimin

69365-65-7

4-(Diphenylmethyl)-1-(N-octylformimidoyl)piperidine.
Gastric antisecretory agent.**8196 Fenoctimin Sulfate Hemihydrate**

69365-66-8

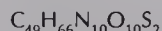
4-(Diphenylmethyl)-1-(N-octylformimidoyl)piperidine
sulfate (1:1) hemihydrate.
McN-4097-12-98. Gastric antisecretory agent.**8197 Fenoctimine Sulfate [anhydrous]**

69365-67-9

4-(Diphenylmethyl)-1-(N-octylformimidoyl)piperidine
sulfate (1:1).
Gastric antisecretory agent.**8198 Octreotide**

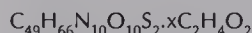
83150-76-9

6859

D-Phenylalanyl-L-cysteinyl-L-phenylalanyl-D-tryptophyl-
L-lysyl-L-threonyl-N-[(1R,2R)-2-hydroxy-1-(hydroxy-
methyl)propyl]-L-cysteinamide cyclic (2±7)-disulfide.
Sandostatin; SMS-201-995; Longastatin. Gastric
antisecretory agent. Used for treatment of agromegaly.
[α]_D²⁰ = -42° (c = 0.5 95% AcOH). Sandoz Pharmaceuticals
Corp.**8199 Octreotide Acetate**

79517-01-4

6859

D-Phenylalanyl-L-cysteinyl-L-phenylalanyl-D-tryptophyl-
L-lysyl-L-threonyl-N-[(1R,2R)-2-hydroxy-1-(hydroxy-
methyl)propyl]-L-cysteinamide cyclic (2±7)-disulfide
acetate (salt).
Sandostatin; SMS-201-995 ac. Gastric antisecretory agent.
Used for treatment of agromegaly. Sandoz
Pharmaceuticals Corp.**8200 Omeprazole**

73590-58-6

6977

5-Methoxy-2-[[[4-methoxy-3,5-dimethyl-2-
pyridyl)methyl]sulfinyl]benzimidazole.
Prilosec; Antra; Gastroloc; Losec; Mepral; Mopral;
Omepral; Omeprazen; Parizac; Pepticum. Gastric
antisecretory agent. mp = 156°; LD₅₀ (mus iv) 80 mg/kg,
(mus orl) > 4000 mg/kg, (rat iv) > 50 mg/kg, (rat orl) >
4000 mg/kg. Astra Hässle AB; Astra Sweden; Merck &
Co., Inc.**8201 Omeprazole Sodium**

95510-70-6

6977

5-Methoxy-2-[[[4-methoxy-3,5-dimethyl-2-
pyridyl)methyl]sulfinyl]benzimidazole sodium salt.
Losec Sodium; H 168/68. Gastric antisecretory agent.
Astra Hässle AB; Astra Sweden; Merck & Co., Inc.**8202 Rioprostil**

77287-05-9

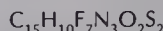
8395

(2R,3R,4R)-4-Hydroxy-2-(7-hydroxyheptyl)-3-[(E)-(4RS)-
(4-hydroxy-4-methyl-1-octenyl)]cyclopentanone.

TR-4698; ORF-15927; RWJ-15927; Bay o 6893; Rostil.

† Gastric antisecretory agent. [α]_D = -58.6° (c = 1 CHCl₃).
Bayer Corp., Pharmaceutical Div.; Miles.**8203 Saviprazole**

121617-11-6

2-[[[4-(2,2,3,3,4,4,4-Heptafluorobutoxy)-2-
pyridyl)methyl]sulfinyl]-1H-thieno[3,4-d]imidazole.
HOE-731. Gastric H⁺/K⁺-ATPase inhibitor. A
substituted thienoimidazole.**8204 Somatostatin**

38916-34-6

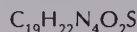
8863

254-186-5

Growth hormone-release inhibiting factor.
GH-RIF; somatotropin release inhibiting factor; SRIF
SRIF-14; A cyclic tetradecapeptide which inhibits the
release of growth hormone, insulin and glucagon. Gastric
antisecretory agent. Genentech, Inc.**8205 Telenzepine**

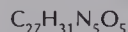
80880-90-6

9270

4,9-Dihydro-3-methyl-4-[(4-methyl-1-piperazinyl)acetyl]-
10H-thieno[3,4-b][1,5]benzodiazepin-10-one.
Gastric antisecretory agent. mp = 263-264°. Byk Gulden
Lomborg Chemische Fabrik GmbH.**8206 Triletide**

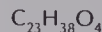
62087-96-1

263-401-1

N-[N-(N-Acetyl-3-phenyl-L-alanyl)-3-phenyl-L-alanyl]-L-
histidine methyl ester.
ZAMI-420. A tripeptide thromboxane synthesis inhibitor.
Gastric secretion inhibitor.**8207 Trimoprostil**

69900-72-7

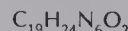
9853

(Z)-7-[(1R,2R,3R)-2-[(E)-(3R)-3-Hydroxy-4,4-dimethyl-1-
octenyl]-3-methyl-5-oxocyclopentyl]-5-heptenoic acid.
Ro-21-6937/000; TM-PGE₂; Ulstar. Gastric antisecretory
agent. [α]_D = -51.54° (c = 1 CHCl₃); LD₅₀ (mus orl) = 41
mg/kg, (mus ip) = 70 mg/kg, (mus sc) = 68 mg/kg, (rat orl)
= 23 mg/kg, (rat ip) = 21 mg/kg, (rat sc) = 29 mg/kg.
Hoffmann-LaRoche Inc.**8208 Urogastrone**

9010-53-1

An inhibitory factor of gastric secretion obtained from
human urine.
Gastric secretion inhibitor.**8209 Zolenzepine**

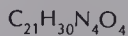
78208-13-6

4,9-Dihydro-1,3-dimethyl-4-[(4-methyl-1-
piperazinyl)acetyl]pyrazolo[4,3-b][1,5]benzodiazepin-
10H)-one.
Antimuscarinic. Gastric secretion inhibitor.

Gastroprokinetics

8210 Cinitapride

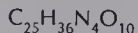
66564-14-5 2352



4-Amino-N-[1-(3-cyclohexen-1-ylmethyl)-4-piperidyl]-2-ethoxy-5-nitrobenzamide.

Gastrointestinal prokinetic agent. *Anphar; Pierrel S.p.A.***8211 Cinitapride Tartrate**

96623-56-2 2352



4-Amino-N-[1-(3-cyclohexen-1-ylmethyl)-4-piperidyl]-2-ethoxy-5-nitrobenzamide tartrate.

LAS-17177; Cidine. Gastrointestinal prokinetic agent. *Anphar; Pierrel S.p.A.***8212 Cisapride**

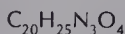
81098-60-4 2377 279-689-7



cis-4-Amino-5-chloro-N-[1-[3-(p-fluorophenoxy)-propyl]-3-methoxy-4-piperidyl]-o-anisamide.

R-51619; Propulsid; Acenalin; Alimix; Cipril; Prepulsid; Propulsin; Risamal. Peristaltic stimulant. Used as a gastrointestinal prokinetic agent. mp = 109.8°. *Janssen Pharmaceutical Inc.***8213 Ecabapide**

104775-36-2

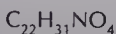


m-[[[(3,4-Dimethoxyphenethyl)carbamoyl]methyl]-amino]-N-methylbenzamide.

A gastroprokinetic drug.

8214 Fedotozine

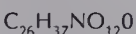
123618-00-8 3987



(±)-(R)-α-Ethyl-N,N-dimethyl-α-[[[(3,4,5-trimethoxybenzyl)oxy]methyl]benzylamine.

Peripheral kappa opioid receptor agonist. Used as a gastrointestinal prokinetic agent. $[\alpha]_D^{20} = 16.5^\circ$ (c = 6 EtOH). *Jouveinal*.**8215 Fedotozine D-(-)-Tartrate**

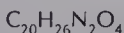
133267-27-3 3987



(±)-(R)-α-Ethyl-N,N-dimethyl-α-[[[(3,4,5-trimethoxybenzyl)oxy]methyl]benzylamine D-(-)-tartrate.

JO-1196. Used as a gastrointestinal prokinetic agent. mp = 147°; $[\alpha]_D^{25} = 14.5^\circ$ (c = 5 HCl). *Jouveinal*.**8216 Itopride**

122898-67-3

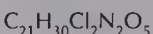


N-[p-[2-(Dimethylamino)ethoxy]benzyl]veratramide.

Gastroprokinetic.

8217 Loxiglumide

133267-27-3 5618



(±)-4-(3,4-Dichlorobenzamido)-N-(3-methoxypropyl)-N-pentylglutaramic acid.

CR-1505. Cholecystokinin A antagonist. Used as a gastrointestinal prokinetic agent. mp = 113-115°; slightly

soluble in H₂O (0.01 g/100 ml). *Rotta Pharm.***8218 Mosapride**

112885-41-3



(±)-4-Amino-5-chloro-2-ethoxy-N-[[4-(4-fluorobenzyl)-2-morpholinyl]methyl] benzamide.

AS-4370. Sulpiride derivative. Enhances gastrointestinal motility by stimulating the 5-hydroxytryptamine₄ (5-HT₄) receptor. Gastroprokinetic.**8219 Renzapride**

88721-77-1



[(±)-endo]-4-Amino-N-(1-azabicyclo[3.3.1]non-4-yl)-5-chloroanisamide.

BRL-20627. Serotonin 5-HT₄ receptor agonist. Gastroprokinetic.

Gonad Stimulating Principals

8220 Buserelin

57982-77-1 1527 261-061-9

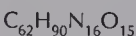


6-[O-(1,1-Dimethylethyl)-D-serine]-9-(N-ethyl-L-prolinamide)-10-deglycinamideluteinizing hormone releasing factor (pig).

5-oxoPro-His-Trp-Ser-Tyr-D-Ser-(t-Bu)-Leu-Arg-Pro-NHEt.

Nonapeptide agonist of LH-RH. Gonad Stimulating principle. $[\alpha]_D^{20} = -40.4^\circ$ (c = 1 dimethylacetamide). *Hoehchst*.**8221 Buserelin Acetate**

68630-75-1 1527



6-[O-(1,1-Dimethylethyl)-D-serine]-9-(N-ethyl-L-prolinamide)-10-deglycinamideluteinizing hormone releasing factor (pig) acetate.

HOE-766; Receptal; Suprecur; Suprefact. Nonapeptide agonist of LH-RH. Gonad Stimulating principle. *Hoehchst*.**8222 Cetorelix**

120287-85-6



N-Acetyl-3-(2-naphthyl)-D-alanyl-p-chloro-D-

phenylalanyl-3-(3-pyridyl)-D-alanyl-L-seryl-L-tyrosyl-N⁵-carbamoyl-D-ornithyl-L-leucyl-L-arginyl-L-prolyl-D-alaninamide.

A gonadotrophin-releasing hormone antagonist.

8223 Chorionic Gonadotropin

2273

Glycoprotein hormone synthesized by chorionic tissue of the placenta.

Choriogonadotropin; CG; Human Chorionic hormone; HCG; Ambinon; Antuitrin S; A.P.L.; Choragon; Choriogonin; Chorex; Chorion; Coriantin; Coriovis; Corulon; Endocorion; Follutein; Glukor; Gonadotraphon L.H.; Gonic; Libigen; Luteogonin B; Physex; Predalon; Pregnesin; Pregnyl; Primogonyl; Profasi; Profasi HP; Progon. Gonad Stimulating principle. Freely soluble in H₂O, glycerol, glycols; insoluble in EtOH, Me₂CO, Et₂O; molecular weight → 39,500; has two subunits, α-subunit

with 92 residues and β -subunit with 145 residues.			diethylamidino)-L-lysyl-L-propyl-D-alaninamide diacetate (salt).			
8224 Clomiphene	911-45-5	2446	213-008-6	8231 Gonadorelin	33515-09-2	251-553-1
$C_{26}H_{28}ClNO$ 2-[4-(2-Chloro-1,2-diphenylethenyl)phenoxy]-N,N-diethylethanamine. clomifene; chloramiphene; MRL-41. Gonad Stimulating principle. <i>Merrell Pharmaceuticals Inc.</i>				$C_{55}H_{75}N_{17}O_{13}$ Gonad Stimulating principle. <i>Hoechst.</i>		
8225 Clomiphene Citrate	50-41-9	2446	200-035-3	8232 Gonadorelin Acetate	52699-48-6	
$C_{32}H_{36}ClNO_8$ 2-[4-(2-Chloro-1,2-diphenylethenyl)phenoxy]-N,N-diethylethanamine citrate. Clomid; Clomphid; Clomivid; Clostilbegyt; Dyeric; Ikaclomine; Pergotime; Serophene. Gonad Stimulating principle. mp = 116.5-118°; slightly soluble in H_2O , $CHCl_3$, EtOH; freely soluble in MeOH; insoluble in Et_2O . <i>Merrell Pharmaceuticals Inc.</i>				$C_{55}H_{75}N_{17}O_{13} \cdot xC_2H_4O_2 \cdot yH_2O$ Cystorelin; Hypocrine; Lutrelef; Lutrepulse. Gonad Stimulating principle. <i>Hoechst.</i>		
8226 Cyclofenil	2624-43-3	2789	220-089-1	8233 Histrelin	76712-82-8	4760
$C_{23}H_{24}O_4$ 4-[[4-(Acetyloxy)phenyl]cyclohexylidenemethyl]phenol acetate. H-3452; ICI-48213; Fertodur; Neoclym; Ondonid; Ondogyne; Rehibin; Sanocrisin; Sexadieno; Sexovid. Gonad Stimulating principle. mp = 135-136°; λ_m 247 nm (ϵ 17000 EtOH); [free diol (F-6060)]: mp = 235-236°. <i>ICI.</i>				$C_{66}H_{86}N_{18}O_{12}$ 5-Oxo-L-prolyl-L-histidyl-L-tryptophyl-L-seryl-L-tyrosyl-N $^{\sigma}$ -benzyl-D-histidyl-L-leucyl-L-arginyl-N-ethyl-L-prolinamide. Gonadotropin-releasing hormone. $[\alpha]_D^{20} = -33.9^\circ$ (AcOH, c = 1).		
8227 Epimestrol	7004-98-0	3654	230-278-0	8234 LH	9002-67-9	5499 232-661-8
$C_{19}H_{26}O_3$ 3-Methoxyestra-1,3,5(10)-triene-16 α ,17 α -diol. Org-817; NSC-55975; Stimovul. Anterior pituitary activator. Gonad Stimulating principle. mp = 158-160°; $[\alpha]_D^{20} = 48^\circ$ ($CHCl_3$). <i>Organon Inc.</i>				Luteinizing Hormone. ICSH. A glycoprotein gonadotropic hormone found in the anterior lobe of the pituitary gland. Gonad Stimulating principle. White powder, soluble in H_2O .		
8228 FSH	9002-68-0	4299	232-662-3	8235 LH-RH	9034-40-6	5500 232-895-0
Glycoprotein gonadotropic hormone found in the pituitary tissue of mammals. Follicle-stimulating hormone; urofollitrophin; Fertinorm; Follitropin; Luteoantine; Metrodin. Gonad Stimulating principle. Directly regulates the metabolic activity of the granulosa cells of the ovaries and the Sertoli cells of the testis. Solid, soluble in H_2O .				$C_{55}H_{75}N_{17}O_{13}$ Luteinizing Hormone-Releasing Factor. LH-RF; luteinizing hormone releasing hormone; LRF; LRH; gonadorelin; LH-RH/FSH-RH; Fertagyl; Fertiral; Kryptocur; Relefact LH-RH; gonadoliberin; luliberin; 5-oxoPro-His-Trp-Ser-Tyr-Gly-Leu-Arg-Pro-GlyNH $_2$. Gonad Stimulating principle. $[\alpha]_D^{25} = -50^\circ$ (1% AcOH); destroyed by chymotrypsin, papain, subtilisin and thermolysin. <i>Hoechst.</i>		
8229 Ganirelix	124904-93-4			8236 LH-RH Hydrochloride	51952-41-1	5500
$C_{80}H_{113}ClN_{18}O_{13}$ N-Acetyl-3-(2-naphthyl)-D-alanyl-p-chloro-D-phenylalanyl-3-(3-pyridyl)-D-alanyl-L-seryl-L-tyrosyl-N 6 -(N,N'-diethylamidino)-D-lysyl-L-leucyl-N 6 -(N,N'-deithylamidino)-L-lysyl-L-propyl-D-alaninamide. Gonad Stimulating principle. <i>Syntex International, Ltd.</i>				$C_{55}H_{75}N_{17}O_{13} \cdot xC_2H_4O_2 \cdot yH_2O$ Gonadorelin acetate. Gonad Stimulating principle.		
8230 Ganirelix Acetate	129311-55-3			8237 Zuclomiphene	15690-55-8	2446
$C_{84}H_{121}ClN_{18}O_{17}$ N-Acetyl-3-(2-naphthyl)-D-alanyl-p-chloro-D-phenylalanyl-3-(3-pyridyl)-D-alanyl-L-seryl-L-tyrosyl-N 6 -(N,N'-diethylamidino)-D-lysyl-L-leucyl-N 6 -(N,N'-				$C_{26}H_{28}ClNO$ (Z)-2-[p-(2-Chloro-1,2-diphenylvinyl)phenoxy]-triethylamine. Isomer A; RMI-16312; 224. cis-Form of clomiphene. Gonad-stimulating principle.		

Growth Hormone Releasing Factors

8238 Cetermin	157238-32-9	
$C_{1132}H_{1716}N_{298}O_{330}S_{20}$		

Growth Hormone Releasing Factors

8238 Cetermin	157238-32-9	
$C_{1132}H_{1716}N_{298}O_{330}S_{20}$		

Transforming growth factor $\beta 2$ (human).

8239 Pralmorelin Dihydrochloride

158827-34-0

$C_{45}H_{57}Cl_2N_9O_6$

D-alanyl-3-(2-naphthyl)-D-alanyl-L-alanyl-L-tryptophyl-D-phenylalanyl-L-lysine dihydrochloride; WAY-GPA-748. Growth hormone releasing factor. *Kakenyaku Kako*.

8240 Sermorelin

86168-78-7

8605

$C_{149}H_{246}N_{44}O_{42}S$

human growth hormone-releasing factor(1-29)amide. human pancreatic somatoliberin(1-29)amide; GRF(1-29)NH₂; hpGRF(1-29)NH₂; SM-8144; Geref; Groliberin; Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-NH₂. Growth hormone releasing factor. $[\alpha]_D^{20} = -63.1^\circ$ (c = 1 30% AcOH). *Serono Labs., Inc.*

8241 Somatorelin

83930-13-6

8861

$C_{215}H_{358}N_{72}O_{66}S$

Growth hormone-releasing factor (human).

Growth Stimulants

8242 Actaplanin

37305-75-2

Glycopeptide antibiotics derived from *Actinoplanes* strain ATCC 23342.

Kamoran; A-4696. Veterinary growth stimulant. *Eli Lilly & Co.*

8243 Alexomycin

165101-50-8

Mixture of cyclic sulfur-containing peptides obtained from *Streptomyces arginensis*.

U-82127. Veterinary growth stimulant. *Pharmacia & Upjohn, Inc.*

8244 Efrotomycin

56592-32-6

3567

$C_{59}H_{88}N_2O_{20}$

31-O-[6-Deoxy-4-O-(6-deoxy-2,4-di-O-methyl- α -L-mannopyranosyl)-3-O-methyl β -D-allopyranosyl]-1-methylmocimycin

Proculil; MK-621; FR-02A. Veterinary growth stimulant. Yellow solid; λ_m 232, 327 nm ($E_{1\text{ cm}}^{1\%}$ 464 216 pH 7); LD₅₀ (mus orl) > 4000 mg/kg, (mus sc) > 2000 mg/kg. *Merck & Co., Inc.*

8245 Laidlomycin Propionate Potassium

84799-02-0

5361

$C_{40}H_{65}KO_{13}$

16-Deethyl-3-O-demethyl-16-methyl-3-O-(1-oxopropyl)monensin 26-propanoate monopotassium salt. Cattlyst; RS-11988. Veterinary growth stimulant. mp = 190-192°. *Syntex International, Ltd.*

8246 Mecasermin

68562-41-4

Insulin-like growth factor I.

IGF-I. An endogenous growth hormone.

8247 Narasin

55134-13-9

6506

$C_{43}H_{72}O_{11}$

α -Ethyl-6-[5-[2-(5-ethyltetrahydro-5-hydroxy-6-methyl-2H-pyran-2-yl)-15-hydroxy-2,10,12-trimethyl-1,6,8-trioxadispiro[4.1.5.3]pentadec-13-en-9-yl]-2-hydroxy-1,3-dimethyl-4-oxoheptyl]tetrahydro-3,5-dimethyl-2H-pyran-2-acetic acid.

Natacyn; CL-12625; Antibiotic A-5283; Monteban; C-7819B. Veterinary growth stimulant. mp = 98-100°, 198-200°; λ_m 285 nm (ϵ 58 EtOH); $[\alpha]_D^{25} = -54^\circ$ (c = 0.2 MeOH); insoluble in H₂O, soluble in organic solvents; LD₅₀ (mus ip) = 7.15 mg/kg. *Alcon Labs.; Eli Lilly & Co.*

8248 Nosiheptide

56377-79-8

6816

260-138-4

$C_{51}H_{43}N_{13}O_{12}S_6$

N-[1-(Aminocarbonyl)ethenyl]-2-[14-ethylidene-9,10,11,12,13,14,19,20,21,22,23,24,26,33,35,36-hexadecahydro-3,23-dihydroxy-11-(1-hydroxyethyl)-31-methyl-9,12,19,24,33,43-hexaoxo-30,32-imino-8,5:18,15:40,37-trinitrilo-21,36-([2,4]-endo-thiazolomethanimino)-5H,15H,37H-pyrido[3,2-w]-[2,11,21,27,31,7,14,17]benzoxatetrathiazacyclohexatetracontin-2-yl]-4-thiazolecarboxamide.

RP-9671; Multhiomycin; Primofax. Veterinary growth stimulant. mp = 310-320° (dec); $[\alpha]_D^{20} = 38^\circ$ (c = 1 C₅H₅N); λ_m 242, 322 nm ($E_{1\text{ cm}}^{1\%}$ 525, 229 H₂O/DMF); soluble in CHCl₃, dioxane; C₅H₅N, DMF, DMSO; slightly soluble in MeOH, EtOH, EtOAc, C₆H₆; insoluble in H₂O, petroleum ether. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

8249 Plauracin

62107-94-2

$C_{71}H_{88}N_{10}O_{18}$

Antibiotic complex produced by *Actinoplanes auranticolor* (ATCC 31011).

CP-38754. Veterinary growth stimulant. *Pfizer International.*

8250 Ractopamine

97825-25-7

8275

$C_{18}H_{23}NO_3$

($\pm$)-all-rac-p-Hydroxy- α -[[[3-(p-hydroxyphenyl)-1-methylpropyl]amino]methyl]benzyl alcohol.

Veterinary growth stimulant. *Eli Lilly & Co.*

8251 Ractopamine Hydrochloride

90274-24-1

8275

$C_{18}H_{24}ClNO_3$

($\pm$)-all-rac-p-Hydroxy- α -[[[3-(p-hydroxyphenyl)-1-methylpropyl]amino]methyl]benzyl alcohol hydrochloride.

LY-O31537; EL-737; Paylean. Veterinary growth stimulant. [mixture containing 51% RR,SS- and 49% RS,SR]; mp 124-129°; [RR-form hydrochloride]: mp = 176-176.5°; $[\alpha]_D = -22.7^\circ$, $[\alpha]_D^{365} = -71.2^\circ$ (c = 0.37 MeOH). *Eli Lilly & Co.*

8252 Somatotropin

9002-72-6

8864

232-666-5

Adenohypophyseal growth hormone.

GH; hypophyseal growth hormone; anterior pituitary

growth hormone; phyone; pituitary growth hormone; somatotrophic hormone; SH. Growth stimulant. *Pharmacia & Upjohn, Inc.*

8253 Somavubove

126752-39-4
 $C_{976}H_{1533}N_{265}O_{286}S_8$
127-L-Leucine growth hormone (ox).
recombinantly derived bovine somatotropin; 372.
Recombinant bovine growth hormone. Galactopoietic agent (veterinary).

8254 Sometribove

102744-97-8 8864
 $C_{976}H_{1533}N_{268}O_{291}S_9$
Bovine somatotropin, produced by recombinant technology.
Veterinary growth stimulant. *Monsanto Co.*

8255 Sometripor

102733-72-2
 $C_{979}H_{1527}N_{265}O_{287}S_8$
Porcine somatotropin, produced by recombinant technology.
Veterinary growth stimulant. *Monsanto Co.*

8256 Somfasepor

129566-95-6
 $C_{938}H_{1465}N_{257}O_{278}S_5$
8-190-Growth hormone (pig).
8-190-Somatotropin (pig clone pPGH-1); Grolene; Leanstar; P-3232; P-3895. Veterinary growth stimulant. *Pitman-Moore, Inc.*

8257 Sulbenox

58095-31-1 9060
 $C_9H_{10}N_2O_2S$
(4,5,6,7-Tetrahydro-7-oxobenzo[b]thien-4-yl)urea.
CL-206576; Vigazoo. Veterinary growth stimulant. mp = 245-246°; LD₅₀ (rat orl) > 5000 mg/kg. *American Cyanamid.*

8258 Temodox

34499-96-2
 $C_{12}H_{12}N_2O_5$
2-Hydroxyethyl 3-methyl-2-quinoxalinecarboxylate 1,4-dioxide.
CP-22341. Veterinary growth stimulant. *Pfizer Inc.*

8259 Trafermin

131094-16-1
 $C_{764}H_{1201}N_{217}O_{219}S_6$
2-155-Basic fibroblast growth factor (human clone λ -KB7/ λ HFL1 precursor reduced).
recombinant human basic fibroblast growth factor. Growth stimulant.

Hematinics

8260 Ammonium Ferric Citrate

1185-57-5 547
Ferric ammonium citrate.
Iron ammonium citrate; Ammonium ferric citrate; Ferric ammonium citrate; 2-Hydroxy-1,2,3-Propanetricarboxylic Acid, Ammonium Iron (3+) Salt; FAC; Ammonium iron

(III) citrate; Soluble Ferric Citrate; prothoate+; Iron (III) ammonium citrate; Ammonium iron (III) citrate, brown.
Hematinic. Very soluble in H₂O, insoluble in EtOH.
Mallinckrodt, Inc.

8261 Calcium Ferrous Citrate

53684-61-0 1708
 $C_{12}H_{10}Ca_2FeO_{14}$
Ferrous calcium citrate.
Ferrocil; Rarical. Hematinic. Tetrahydrate, tasteless. *Ortho Pharmaceutical Corp.*

8262 Cobaltous Chloride

7646-79-9 2498
 Cl_2Co
Cobalt dichloride.
Hematinic. Hexahydrate; mp = 87°; d²⁰ = 1.924; MLD (rbt sc) = 200 mg/kg.

8263 Dextran Iron Complex

9004-66-4 2991
A complex of trivalent iron and dextran.
Fenate; Imferon; Ironorm. Hematinic. Used in veterinary medicine and an anti-anemic factor. LD₅₀ (mus iv) = 2240 mg/kg. *Fermenta Animal Health Co.; Fisons plc, Pharmaceuticals Div.*

8264 Epoetin- α

113427-24-0 3729
 $C_{809}H_{1301}N_{229}O_{240}S_5$
1-165 Erythropoietin (human clone λ HEPOFL13 protein moiety), glycoform α .
Epogen; Procrit; Epoade; Eprex; Erypo; Espo; A 165-mer glycoprotein. Anti-anemic and hematinic. *Amgen, Inc.; Ortho Biotech Inc.*

8265 Epoetin- β

122312-54-3 3729
 $C_{809}H_{1301}N_{229}O_{240}S_5$
1-165 Erythropoietin (human clone λ HEPOFL13 protein moiety), glycoform α .
Marogen; EPOCH; BM-06.019; Epogin; Recormon; A 165-mer glycoprotein. Anti-anemic and hematinic. *Chugai Pharmaceutical Co., Ltd.*

8266 Ferric Albuminate

8001-11-4 4058
Albumized iron.
Combination of egg albumin and iron with 17-19% Fe. Hematinic. Freely soluble in H₂O, insoluble in EtOH.

8267 Ferric and Ammonium Acetate Solution

8006-27-7 4059
Basham's mixture. Contains 0.16-0.20% Fe and 3.5 % ammonium acetate. Hematinic.

8268 Ferric Citrate

2338-05-8 4063
Combination of iron and citric acid; indefinite composition.
Hematinic. Poorly soluble in cold H₂O, more soluble in hot H₂O, insoluble in EtOH.

8269 Ferric Fructose

12286-76-9 4295

$(C_6H_{10}FeO_7)_nK_{n2}$ (n = 2- 100)

D-Fructose iron(3+)-containing complex potassium salt (2:1).

CB-302. Hematinic.

8270 Ferric Oxide, Saccharated

8047-67-4 4073

saccharated iron; iron sugar; Colliron I.V.; Feojectin; Ferrivenin; Ferum Hausmann; Iviron; Neo-Ferrum; Proferrin; Sucrofer. Solution containing about 2% Fe, suitable for iv injection. Hematinic.

8271 Ferric Pyrophosphate

10058-44-3 4075

$Fe_4O_{21}P_6$

Iron(3+) pyrophosphate.

Hematinic. Insoluble in H_2O . *American Oil Co.*

8272 Ferric Sodium Edetate

15708-41-5 4076

$C_{10}H_{12}FeN_2NaO_8$

Sodium [(ethylenedinitrilo)tetraacetato]ferrate(1-).

Ferrotrane; Ferrostrene; Sybron. Hematinic.

8273 Ferriclate Calcium Sodium

34150-62-4 4070

$C_{12}H_{44}CaFe_6Na_4O_{36}$

Monocalcium tetrasodium bis-[pentaqua[D-gluconato-(4-)]-tetra-μ-hydroxydioxotriferrate-(3-)].

Kelfer. Hematinic. *Enzypharm B.V.*

8274 Ferritin

9007-73-2 4083

Epadora; Ferrofolin; Ferrol; Ferrosprint; Ferrostas; Sanifer; Sideros; Unifer. An iron-storage protein found in many biological systems. Hematinic. Soluble in H_2O .

8275 Ferrocholate

1336-80-7 4085

$C_{11}H_{20}FeNO_9$

2-Hydroxy-N,N,N-trimethylethanaminium (OC-6-44)-triqua[2-hydroxy-1,2,3-propanetricarboxylato(4-)]-ferrate(1-).

Chelafer; Chel-Iron; Ferrolip. Chelate of ferric hydroxide and choline dihydrogen citrate, used as a hematinic.

Freely soluble in H_2O . *dLusofarmico*.

8276 Ferroglycine Sulfate

17169-60-7 4086

Plesmet; Kelferon; Ferronord; Ferro sanol; Glyferro; Pleniron. Hematinic. *dGea A/S*.

8277 Ferrous Carbonate Mass

8030-35-1 4089

Blaud's Mass; Vallet's Mass; Fecarb. Contains 36-41% Fe, the remainder is honey and sugar. Hematinic. Insoluble in H_2O .

8278 Ferrous Carbonate Saccharated

8001-10-3 4090

Freshly precipitated $FeCO_3$, mixed with sugar, contains at least 15% Fe. Hematinic. Partially soluble in H_2O , soluble in mineral acids.

8279 Ferrous Citrate

23383-11-1 4092 245-625-1

Prepared from iron powder and citric acid. Hematinic.

Monohydrate or decahydrate; insoluble in H_2O , Me_2Co . *Ortho Pharmaceutical Corp.*

8280 Ferrous Fumarate

141-01-5 4094 205-447-7

$C_4H_2FeO_4$

Iron(2+) fumarate.

Fepstat; Toleron; Cpiron; Erco-Fer; Ferrofume; Ferronat; Ferrone; Ferrotemp; Ferrum; Fresamal; Firon; Fumafer; Fumar F; Fumiron; Galfer; Heferol; Ircon; Meterfer; One-Iron; Tolferain; Tolifer; component of: Chromagen, Ferancee, Stuartinic, Tolfrinic. Hematinic. mp > 280°; d²⁵

= 2.435; soluble in H_2O (0.14 g/100 ml), EtOH (< 0.01 g/100 ml); LD₅₀ (mus ip) = 480 mg/kg. *Forest Pharmaceuticals Inc.; Johnson & Johnson-Merck Consumer Pharmaceuticals; Mallinckrodt, Inc.; Marion Merrell Dow Inc.; Parke-Davis; Savage Labs.; Ascher, B.F. & Co.*

8281 Ferrous Gluconate

299-29-6 4095 206-076-3

$C_{12}H_{22}FeO_{14}$

Iron(2+) gluconate (1:2).

Fergon; Ferlucon; Ferronicum; Iromon; Irox; Nionate.

Hematinic. Soluble in H_2O , insoluble in EtOH; LD₅₀ (mus iv) = 114 mg/kg, (mus orl) = 3700 mg/kg. *Sterling Health U.S.A.*

8282 Ferrous Lactate

5905-52-2 4098 227-608-0

$C_6H_{10}FeO_6$

Iron(2+) lactate.

Ferro-Drops. Hematinic. Soluble in H_2O , insoluble in EtOH; LD (rbt sc) = 578 mg/kg, (rbt iv) = 287 mg/kg. *Parke-Davis*.

8283 Ferrous Succinate

10030-90-7 4104 233-082-3

$C_4H_4FeO_4$

Iron(2+) succinate.

Cerevon; Ferromyn. Hematinic. Tetrahydrate or dihydrate; sparingly soluble in H_2O .

8284 Ferrous Sulfate, Dried

13463-43-9 4105 231-753-5

$FeSO_4 \cdot xH_2O$

Iron(2+) sulfate (1:1) hydrate.

Feromax; Feroritard; Ferro-Gradumet; Fespan; Tetucur; component of: Cytoferin, Mediatric. Anti-anemic and hematinic. Soluble in H_2O . *Wyeth-Ayerst Labs*.

8285 Ferrous Sulfate Heptahydrate

7782-63-0 4105 231-753-5

$FeSO_4 \cdot 7H_2O$

Iron(2+) sulfate (1:1) heptahydrate.

Feosol; Ferro-Gradumet; Mol-Iron; Natabec; Slow-Fe; copperas green; green vitriol; iron vitriol; Feospan; Fesotyme; Fer-in-Sol; Haemofort; Ironate; Presfersul; Sulferrous; component of: Plastulen-N. Anti-anemic and hematinic. d = 1.897; soluble in H_2O , insoluble in EtOH; LD₅₀ (mus iv) = 65 mg/kg, (mus orl) = 1520 mg/kg. *Abbott*

Labs.; Ciba-Geigy Corp.; Lederle Labs.; Parke-Davis; Schering-Plough HealthCare Products; SmithKline Beecham Pharmaceuticals.

8286 Glusoferron

56959-18-3

D-Gluconic acid polymer with D-glucitol iron(3+) salt. Ferastral. Hematinic.

8287 Iron Sorbitex

1338-16-5

5112

A sterile, colloidal solution of a complex of trivalent iron, sorbitol and citric acid, stabilized with dextrin and sorbitol.

Astra 1572. Astra USA, Inc.

8288 Liver Extract

5575

An extract from mammalian liver.

component of: Intraheptol, Pernaemon, Desiver, Anahaemin, Campolon, Cromaton, Curethyl, Examen, Ficalon, Hepalon, Hepatopron, Hormantoxone, Hoban, Neo-Heptatex, Pernaemyl, Pernexin, Perniciosan, Plexan, Reticulogen, Ripason, Sykoton, Tenelon, Hepol.

8289 Peptonized Iron

7292

A compound of iron oxide and peptone, mixed with sodium citrate to improve water solubility.

Saferon. Soluble in H₂O, insoluble in EtOH.

8290 Polyferose

9009-29-4

7731

Iron complex with polymer of β-D-fructosanoyl -α-D-glucopyranoside.

Jefron. A chelate complex of iron and a polymerized derivative of sucrose. Marion Merrell Dow Inc.

Hematopoietics**8291 Cilmostim**

148637-05-2

Macrophage colony-stimulating factor.

Macstim. Hematopoietic. Genetics Inst., Inc.

8292 Erythropoietin

11096-26-7

3729

234-317-2

Glycoprotein hormone which stimulates red blood cell formation in higher organisms.

erythropoiesis stimulating factor; hemopoietine; ESF; Ep; Epo; Has two components, Epo-α and Epo-β, both produced by recombinant technology. Epo-α (Epoetin alfa; Epoade; Epogen; Eprex; Erypo; Espo; Procrit), has 165 residues, molecular weight 30,400. Epo-β (Epoetin beta; Epogin; Marogen; Recormon), has 165 residues, molecular weight 30,000. They differ only in their carbohydrate moieties. Hematopoietic.

8293 Granulocyte Colony Stimulating Factor

143011-72-7

4558

Hematopoietic growth factor that enhances the functional activities of the mature end-cell.

CSFβ; G-CSF; GM-DF; MGI-2; pluripoietin. Hematopoietic.

8294 Granulocyte-Macrophage Colony Stimulating Factor

83869-56-1

4559

Hematopoietic growth factor that promotes the proliferation and development of early erythroid, megakaryocytic and eosinophilic progenitor cells. Hematopoietic.

8295 Sodium Phenylbutyrate

1716-12-7

C₁₀H₁₁NaO₂

Sodium 4-phenylbutyrate.

PBA; Buphenyl; TriButyrate. A short-chain aromatic fatty acid that inhibits cell proliferation and induces apoptosis. Also used in treatment of ornithine transcarbamylase deficiency as a vehicle for waste nitrogen excretion in patients with inborn errors of urea synthesis. Antineoplastic, hematopoietic and antihyperammonemic. Used to reduce levels of ammonia in the blood.

Hemolytics**8296 Phenylhydrazine**

100-63-0

7447

202-873-5

C₆H₈N₂

Hydrazinobenzene.

Hemolytic agent. mp = 19.5°; bp = 243.5°, bp₁₀₀ = 173.5°, bp₄₀ = 148.2°, bp₂₀ = 131.5°, bp₁₀ = 115.8°, bp_{1.0} = 71.8°; soluble in EtOH, Et₂O, CHCl₃, C₆H₆; sparingly soluble in H₂O, petroleum ether. Hoechst.

8297 Phenylhydrazine Hydrochloride

59-88-1

7447

C₆H₉ClN₂

Hydrazinobenzene hydrochloride.

Hemolytic agent. mp = 243-246°; freely soluble in H₂O, soluble in EtOH, insoluble in Et₂O. Hoechst.

Hemostatics**8298 Adrenalone**

99-45-6

170

202-756-9

C₉H₁₁NO₃

3',4'-Dihydroxy-2-(methylamino)acetophenone.

Kephrene; Stryphnone; Styphnone. Adrenergic (ophthalmic). Hemostatic. mp = 235-236° (dec); sparingly soluble in H₂O, EtOH, Et₂O. Bayer Corp., Pharmaceutical Div.; Hoechst.

8299 Adrenalone Hydrochloride

62-13-5

170

200-525-7

C₉H₁₂ClNO₃

3',4'-Dihydroxy-2-(methylamino)acetophenone hydrochloride.

Adrenergic (ophthalmic). Hemostatic. mp = 243°; freely soluble in H₂O, soluble in EtOH, insoluble in Et₂O. Bayer Corp., Pharmaceutical Div.; Hoechst.

8300 Adrenochrome

54-06-8

171

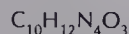
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C₉H₉NO₃

2,3-Dihydro-3-hydroxy-1-methyl-1H-indole-5,6-dione.
Hemostatic. mp = 115-120° (dec); λ_m 220, 300, 485 nm
(log ϵ 4.33, 4.01, 3.64 H₂O); freely soluble in H₂O, fairly
soluble in EtOH, insoluble in C₆H₆, Et₂O.

8301 Adrenochrome Monosemicarbazone

69-81-8 171 200-717-0

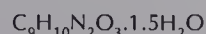


2,3-Dihydro-3-hydroxy-1-methyl-1H-indole-5,6-dione-5-semicarbazone.

carbazochrome; Adrenoxyl; Cromadrenal; Cromosil.
Hemostatic. Byk Gulden Lomberg Chemische Fabrik GmbH.

8302 Adrenochrome Oxime Sesquihydrate

6055-73-8 171

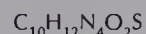


2,3-Dihydro-3-hydroxy-1-methyl-1H-indole-5,6-dione-5-oxime sesquihydrate.

Hemostatic. mp = 278°; more stable than adrenochrome.

8303 Adrenochrome Thiosemicarbazone

113185-69-6 171



2,3-Dihydro-3-hydroxy-1-methyl-1H-indole-5,6-dione 5-thiosemicarbazone.

Hemostatic. mp = 215-220°. *International Hormones*.

8304 Algin

9005-38-3 240

Sodium polymanuronate.

sodium alginate; Alto; Alman; Alloid; Alloose; Kelgin; Protanal. A gelling polysaccharide derived from giant brown seaweed. Hemostatic. Soluble in H₂O, insoluble in organic solvents.

8305 Alginic Acid

9005-32-7 241 232-680-1

Polymannuronic acid.

Norgine. Very slightly soluble in H₂O.

8306 Alginic Acid Calcium Salt

9005-35-0 241

Calcium polymannuronate.

Sorbsan. Hemostatic. Forms gelatinous precipitate in H₂O.

8307 Alginic Acid Potassium Salt

9005-36-1 241

Potassium polymannuronate.

Stercofuge.

8308 ϵ -Aminocaproic Acid

60-32-2 451 200-469-3



6-Aminohexanoic acid.

Amicar; CL-10304; CY-116; EACA; 177 J.D.; NSC-26154; Ipsilon; Hemocaprol; Caprocid; Capramol; Afibrin; Epsikapron; Hepin. Hemostatic. mp = 204-206°; freely soluble in H₂O, sparingly soluble in MeOH, insoluble in EtOH; LD₅₀ (rat ip) $\rightarrow$ 7000 mg/kg, (rat iv) $\rightarrow$ 3300 mg/kg; [hydrobromide (C₆H₁₄BrNO₂)]: mp = 105°; [hydrochloride (C₆H₁₄ClNO₂)]: mp = 128-129°. *Elkins-Sinn; Immunex Corp.*

8309 Aminochromes

456

A family of 2,3-dihydroindole-5,6-quinones.
Hemostatic.

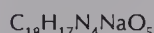
8310 Batroxobin

9039-61-6 1038 232-918-4

Botropase; Defibrase. A thrombin-like enzyme obtained from the venom of *Bothrops atrox*, a South American pit viper. Hemostatic at low doses, anti-coagulant at high doses. dSocieta Prodiotti Antibiotici, Italy.

8311 Carbazochrome Salicylate

13051-01-9 1832 235-927-1



3-Hydroxy-1-methyl-5,6-indolinedione semicarbazone compound with sodium salicylate.

Amicar; CL-10304; CY-116; EACA; 177 J.D.; NSC-26154; Ipsilon; Hemocaprol; Caprocid; Capramol; Afibrin; Epsikapron; Hepin; Adenogen; Adrenosem; Adrestat-F; Statimo. Hemostatic. mp = 196-197.5° (dec); insoluble in Et₂O, CHCl₃, soluble in H₂O (0.061 g/100 ml). *Tanabe Seiyaku*.

8312 Carbazochrome Sodium Sulfonate

51460-26-5 1833 257-217-0



Sodium 5,6-dihydro-1-methyl-5,6-dioxo3-indoline-5-semicarbazone sulfonate.

AC-17; Adenaron; Adona; Carbazon; Donaseven; Emex; Odanon; Tazin. Hemostatic. mp = 227-228° (dec); soluble in H₂O; [free acid (C₁₀H₁₂N₄O₅S)]: mp = 195°. *Tanabe Seiyaku*.

8313 Cephalins

2022

Kephalins; phosphatidylethanolamine; Glycerol with fatty acid esters at C₂ and C₂ and an ethanolamine phosphate at C₁. Hemostatic. Insoluble in H₂O, Me₂CO, freely in CHCl₃, Et₂O, partially soluble in EtOH. *U.S. Government*.

8314 Cotarnine

82-54-2 2618 201-429-8

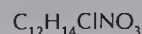


5,6,7,8-Tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-ol.

Hemostatic. dec 132-133°; slightly soluble in H₂O, soluble in organic solvents.

8315 Cotarnine Chloride

10018-19-6 2618 233-012-1

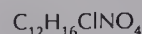


7,8-Dihydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolinium chloride.

cotarninium chloride; Stypticin. Hemostatic. Soluble in H₂O (100 g/100 ml), EtOH (25 g/100 ml).

8316 Cotarnine Hydrochloride

36647-02-6 2618



5,6,7,8-Tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-ol hydrochloride.

Secalysat. Hemostatic.

8317 Cotarnine Phthalate

6190-36-9 2618 228-234-0
 $C_{32}H_{32}N_2O_{10}$
 5,6,7,8-Tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-*g*]isoquinolin-5-ol phthalate.
 Styptol. Hemostatic.

8318 Deferiprone

30652-11-0
 $C_7H_9NO_2$
 3-Hydroxy-1,2-dimethyl-4(1H)-pyridone.
 Chelating agent. Used to treat thalassemia.

8319 Ellagic Acid

476-66-4 3588 207-508-3
 $C_{14}H_6O_8$
 2,3,7,8-Tetrahydroxy[1]benzopyrano[5,4,3-cde]-[1]benzopyran-5,10-dione.
 benzoaric acid. Hemostatic. mp > 360°; λ_m 366, 255 nm (log ϵ 3.93, 4.60, EtOH); soluble in C_5H_5N , slightly soluble in H_2O , EtOH, insoluble in Et_2O ; [tetracetate ($C_{22}H_{14}O_{12}$)]: mp = 340°.

8320 Ethamsylate

2624-44-4 3766 220-090-7
 $C_{10}H_{17}NO_5S$
 2,5-Dihydroxybenzenesulfonic acid compound with diethylamine (1:1).
 MD-141; E-141; cyclonamine; etamsylate; Aglumin; Altodor; Biosinon; Dicynene; Dicynone. Hemostatic. mp = 125°; LD₅₀ (mus iv) = 800 mg/kg, (rat iv) = 1350 mg/kg. *Esteve Group; Labs. O.M.*

8321 Factor VIII

9001-27-8 3963 232-593-9
 anti-hemophilic globulin; AHG; AHF; Factorate; Hemofil; Humafac; Koate-HP; Monoclote-P; Nordiocto; Profilate. A preparation of human blood containing coagulating factor VIII. Forms thromboplastin by reaction with Factor X. Hemostatic.

8322 Factor IX

9001-28-9 3964 232-594-4
 Christmas factor; PTC; plasma thromboplastin component; autoprothrombin II. A glycoprotein that participates in the middle phases of blood coagulation. Hemostatic.

8323 Factor XIII

9013-56-3 3968
 fibrin-stabilizing factor; FSF; fibrinase; Laki-Lorand factor; LLF; Fibrogamin. Enzyme precursor. When activated by thrombin/ Ca^{2+} , converts soluble fibrin gel to a tough insoluble clot. Hemostatic.

8324 Fibrinogen

9001-32-5 4116 232-598-6
 Factor 1; Parenogen. A plasma glycoprotein essential to the clotting of blood. Hemostatic. *Marion Merrell Dow Inc.*

8325 1,2-Naphthoquinone

524-42-5 6481 208-360-2
 $C_{10}H_6O_2$
 1,2-Naphthalenedione.

β -naphthoquinone. The 2-semicarbazone is used as a hemostatic. Hemostatic. mp = 145-147° (dec); λ_m 250, 340, 405 nm (log ϵ 4.35, 3.40, 3.40 EtOH); soluble in EtOH, C_6H_6 , Et_2O ; insoluble in H_2O . *Research Corp.*

8326 1,2-Naphthoquinone-2-semicarbazone

31853-38-0 6481
 $C_{11}H_9N_3O_2$
 1,2-Naphthalenedione-2-semicarbazone.
 naftazone; Haemostop Injection; Mediaven; Karbinon. Hemostatic. *Research Corp.*

8327 1-Naphthylamine-4-Sulfonic Acid

84-86-6 6490 201-567-9
 The sodium salt is used as a hemostatic. [sesquihydrate]: $d_4^{25} = 1.673$; soluble in H_2O (0.029 g/100 ml at 10°, 0.031 g/100 ml at 20°, 0.059 at 50°, 0.23 g/100 ml at 100°); sparingly soluble in EtOH, Et_2O ; insoluble in AcOH; [sodium salt tetrahydrate ($C_{10}H_8NNaO_3S \cdot 4H_2O$; naphthionine, 101-E)]: freely soluble in H_2O , EtOH; insoluble in Et_2O .

8328 Oxamarin

15301-80-1 7047
 $C_{22}H_{34}N_2O_3$
 6,7-Bis[2-(diethylamino)ethoxy]-4-methylcoumarin.
 Hemostatic. bp_{0.5} = 195°. *Maggioni Farmaceutici S.p.A.*

8329 Oxamarin Dihydrochloride

6830-17-7 7047
 $C_{22}H_{36}Cl_2N_2O_3$
 6,7-Bis[2-(diethylamino)ethoxy]-4-methylcoumarin dihydrochloride.
 Idro-P₃; M.G. 652. Hemostatic. mp = 224-226°, 234-246°. *Maggioni Farmaceutici S.p.A.*

8330 Oxidized Cellulose

7073
 Collodion (4 g pyroxylin in 100 ml of Et_2O /EtOH (3:1), mixed with 2% camphor and 3% castor oil and about 18% tannic acid.
 Absorbable cellulose; cellulosic acid; polyanhydroglucuronic acid; Oxycel; Hemo-Pak. Hemostatic. Prepared by oxidation of cellulose with N_2O_4 .

8331 Styptic Collodion

2547
 Hemostatic.

8332 Sulmarin

29334-07-4 9158 249-567-8
 $C_{10}H_6O_{10}S_2$
 6,7-Dihydroxy-4-methylcoumarin bis(hydrogen sulfate).
 Idro P₂; M.G. 143. Hemostatic. [disodium salt trihydrate ($C_{10}H_6Na_2O_{10}S_2 \cdot 3H_2O$)]: mp = 252-253° (dec); λ_m = 304 nm (pH 11.85). *Maggioni Farmaceutici S.p.A.*

8333 Thrombin

9002-04-4 9525 232-648-7
 Thrombostat; Blood Coagulation Factor IIa; fibrinogenase. Key enzyme in the coagulation cascade. Hemostatic. *Parke-Davis.*

8334 Thromboplastin

9035-58-9 9527 232-903-2

Blood Coagulation Factor III; cytozyme; thrombokinas; tissue factor; zymoplastic substance; trombostop; Tachostyptan. A membrane glycoprotein which, in the presence of Ca^{2+} , initiates coagulation by augmenting the proteolytic attack of Factor VII on Factors IX and X. Hemostatic.

8335 Tolonium Chloride

92-31-9 9658 202-146-2
 $\text{C}_{15}\text{H}_{16}\text{ClN}_3\text{S}$
 3-Amino-7-dimethylamino-2-methylphenazathionium. Blutene; C.I. Basic Blue 17; C.I. 52040; Klot; Tolazul. Hemostatic. Soluble in H_2O (3.82 g/100 ml), EtOH (0.57 g/100 ml); $\lambda_m = 640.4$ nm (H_2O); LD_{50} (mus iv) = 27.56 mg/kg, (rat iv) = 28.93 mg/kg, (rbt iv) = 13.44 mg/kg. Abbott Labs.

8336 Tranexamic Acid

1197-18-8 9704 214-818-2
 $\text{C}_8\text{H}_{15}\text{NO}_2$
 trans-4-(Aminomethyl)cyclohexanecarboxylic acid. Cyklokapron; Trans-AMCHA; CL-65336. Hemostatic. mp = 386-392° (dec); soluble in H_2O (16.6 g/100 ml); slightly soluble in Et_2O , EtOH; insoluble in other organic solvents; LD_{50} (mus iv) = 1500 mg/kg, (rat iv) = 1200 mg/kg. Pharmacia & Upjohn, Inc.; Daiichi Pharmaceutical Corp.; Mitsubishi Chemical Corp.

8337 Tranexamic Acid, cis form

1197-17-7 9704
 $\text{C}_8\text{H}_{15}\text{NO}_2$
 cis-4-(Aminomethyl)cyclohexanecarboxylic acid. Cis-AMCHA. Hemostatic. mp = 236=238° (dec). Pharmacia & Upjohn, Inc.

8338 Vasopressin, Arginine form

113-79-1 10073 204-035-4
 $\text{C}_{46}\text{H}_{65}\text{N}_{15}\text{O}_{12}\text{S}_2$
 8-L-Arginine-vasopressin. Antidiuretic hormone; β -hypophamine; Leiomone; Tophen; Vasophsin. Antidiuretic and vasopressor hormone. Hemostatic. Parke-Davis.

8339 Vasopressin, Lysine form

50-57-7 10073 200-050-5
 $\text{C}_{46}\text{H}_{65}\text{N}_{13}\text{O}_{12}\text{S}_2$
 8-L-Lysine-vasopressin. Pitressin. Antidiuretic and vasopressor hormone. Hemostatic. Parke-Davis.

Hepatoprotectants

8340 Ataprost

83997-19-7
 $\text{C}_{21}\text{H}_{32}\text{O}_4$
 (+)-(2E,3aS,4R,5R,6aS)-4-[(1E,3S)-3-Cyclopentyl-3-hydroxypropenyl]-3,3a,4,5,6,6a-hexahydro-5-hydroxy- $\Delta^{2(1H),8}$ -pentalenevaleric acid. Prostaglandin with hepatoprotectant properties.

8341 Betaine

107-43-7 1225 203-490-6
 $\text{C}_5\text{H}_{11}\text{NO}_2$

1-Carboxy-N,N,N-trimethylmethanaminium inner salt. glycine betaine; glycocholl betaine; lycine; oxyneurine. Hepatoprotectant. Dec $\approx 310^\circ$; soluble in H_2O (160 g/100 ml), MeOH (55 g/100 ml), EtOH (8.7 g/100 ml); sparingly soluble in Et_2O . Sterling Winthrop, Inc.

8342 Betaine Hydrochloride

590-46-5 1225 209-683-1
 $\text{C}_5\text{H}_{12}\text{ClNO}_2$
 1-Carboxy-N,N,N-trimethylmethanaminium chloride. pluchine; Acidol. Hepatoprotectant. mp = 227-228° (dec), 232° (dec); soluble in H_2O (64.7 g/100 ml), EtOH (5.0 g/100 ml); insoluble in CHCl_3 , Et_2O . Sterling Winthrop, Inc.

8343 Betaine Sodium Aspartate

93227-64-6 1225
 $\text{C}_9\text{H}_{17}\text{N}_2\text{NaO}_6$
 1-Carboxy-N,N,N-trimethylmethanaminium sodium aspartate. Somatyl. Hepatoprotectant. mp = 160-170° (dec); soluble in H_2O , insoluble in Me_2CO . Sterling Winthrop, Inc.

8344 Catechin

154-23-4 1950 205-825-1
 $\text{C}_{15}\text{H}_{14}\text{O}_6$
 (2R-trans)-2-(3,4-Dihydroxyphenyl)-3,4-dihydro-2H-1-benzopyran-3,5,7-triol. catechol; catechinic acid; catechuic acid; cyanidol; Categen. Hepatoprotectant. mp = 93-96°, 175-177°; $[\alpha]_D^{18} = 16^\circ$ to 18.4° .

8345 Catechin, dl-form

7295-85-4 1950 230-731-2
 $\text{C}_{15}\text{H}_{14}\text{O}_6$
 ($\pm$)-(2R-trans)-2-(3,4-Dihydroxyphenyl)-3,4-dihydro-2H-1-benzopyran-3,5,7-triol. catechol; catechinic acid; catechuic acid; cyanidol; Categen. Hepatoprotectant. mp = 212-216°; slightly soluble in cold H_2O , Et_2O ; soluble in hot H_2O , EtOH, Me_2CO , AcOH; insoluble in C_6H_6 , CHCl_3 , petroleum ether.

8346 Catechin, l-form

18829-70-4 1950 242-611-7
 $\text{C}_{15}\text{H}_{14}\text{O}_6$
 l-(2R-trans)-2-(3,4-Dihydroxyphenyl)-3,4-dihydro-2H-1-benzopyran-3,5,7-triol. catechol; catechinic acid; catechuic acid; cyanidol; Categen. Hepatoprotectant. mp = 93-96°, 175-177°; $[\alpha]_D = -16.8^\circ$.

8347 Cinametic acid

35703-32-3 2341
 $\text{C}_{12}\text{H}_{14}\text{O}_5$
 4-(2-Hydroxyethoxy)-3-methoxycinnamic acid. Transoddi. Hepatobiliary regulator. Used in preoperative management of peptic ulcer patients. Anphar.

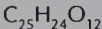
8348 Citolone

1195-16-0 2381 214-793-8
 $\text{C}_6\text{H}_9\text{NO}_2\text{S}$
 2-Acetamido-4-mercaptobutyric acid σ -thiolactone. AHCTL; BO-714; Citolase; Thioxidrene.

Hepatoprotectant. mp = 111.5-112.5°; λ_m 238 nm (ϵ 4400); LD₅₀ (mus iv) = 1200 mg/kg, (rat ip) = 1950 mg/kg. *Degussa AG; Sumitomo.*

8349 Cynarine

1884-24-8



3,4-Dihydroxycinnamic acid 1-carboxy-4,5-dihydroxy-1,3-cyclohexylene ester. Hepatoprotectant.

8350 DL-Methionine

59-51-8

6053

200-432-1



DL-2-Amino-4-(methylthio)butyric acid.

racemethionine; Amurex; Banthionine; Dyprin; Lobamine; Metione; Pedometh; Urimeth.

Hepatoprotectant. d = 1.340; soluble in H₂O (1.82 g/100 ml at 0°, 3.38 g/100 ml at 25°, 6.07 g/100 ml at 50°, 10.52 g/100 ml at 75°, 17.60 g/100 ml at 100°); soluble in dilute acids, alkalies; slightly soluble in 95% EtOH; insoluble in Et₂O.

8351 D-Methionine

348-67-4

6053

206-483-6



D-2-Amino-4-(methylthio)butyric acid.

Hepatoprotectant. $[\alpha]_D^{25} = 8.12^\circ$ (c = 0.8), $[\alpha]_D^{25} = -21.18^\circ$ (c = 0.8 0.2N HCl).

8352 L-Methionine

63-68-3

6053

200-562-9



L-2-Amino-4-(methylthio)butyric acid.

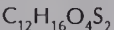
Acimethin. Hepatoprotectant. mp = 280-282° (dec); $[\alpha]_D^{25} = -8.11^\circ$ (c = 0.8), $[\alpha]_D^{20} = 23.40^\circ$ (c = 5.0 3N HCl); soluble in H₂O, warm, dilute EtOH; insoluble in EtOH, Et₂O, Me₂CO, C₆H₆, petroleum ether.

8353 Malotilate

59937-28-9

5751

261-987-3



1,3-Dithiol-2-ylidenepropanedioic acid bis(1-methylethyl) ester.

NKK-105; Hepation; Kantec. Hepatoprotectant. mp = 60.5°; soluble in C₆H₆, cyclohexane, C₆H₁₄, Et₂O. *Polfa Adria Labs.*

8354 Orazamide

2574-78-9

6993

219-923-7



1,2,3,6-Tetrahydro-2,6-dioxo-4-pyrimidinecarboxylic acid compound with 5-amino-1H-imidazole-4-carboxamide (1:1).

5-aminoimidazole-4-carboxamide orotate; AICA orotate; Aicamin; Aicorat. Hepatoprotectant. mp = 284-285° (dec); LD₅₀ (mus ip) = 600 mg/kg, (mus orl) > 4000 mg/kg. *Fujisawa USA, Inc.*

8355 Orazamide Dihydrate

60104-30-5

6993



5-Aminoimidazole-4-carboxamide orotate.

AICA orotate; Aicamin; Aicorat; 170. Used in treatment of

chronic hepatitis. Hepatoprotectant. LD₅₀ (mus ip) = 0.6 g/kg, (mus orl) = 4.0 g/kg; [dihydrate]: dec 284-285°.

8356 Phosphorylcholine

107-73-3

7519

203-516-6



N,N,N-Trimethyl-2-(phosphonoxy)ethanaminium chloride.

choline chloride dihydrogen phosphate. Hepatoprotectant.

8357 Phosphorylcholine Barium Salt

6484-71-5

7519



N,N,N-Trimethyl-2-(phosphonoxy)ethanaminium chloride barium salt.

Hepatoprotectant. Freely soluble in H₂O; insoluble in EtOH, Et₂O.

8358 Phosphorylcholine Calcium Salt

4826-71-5

7519

225-403-0



N,N,N-Trimethyl-2-(phosphonoxy)ethanaminium chloride calcium salt.

Colifos; Epafosforil; Fosfocolina; Isocolin. Hepatoprotectant.

8359 Phosphorylcholine Magnesium Salt

17032-39-2

7519



N,N,N-Trimethyl-2-(phosphonoxy)ethanaminium chloride magnesium salt.

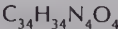
Heparexine. Hepatoprotectant.

8360 Protoporphyrin IX

553-12-8

8084

209-033-7



7,12-Diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionic acid.

ooporphyrin; Kammerer's porphyrin. Hepatoprotectant.

Yellow crystals; λ_m 602.4, 582.2, 557.2 nm (25% HCl); freely soluble in CHCl₃, AcOH, EtOH/HCl, Et₂O/AcOH.

8361 Protoporphyrin IX Dimethyl Ester

5522-66-7

8084

226-870-3



Dimethyl 7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate.

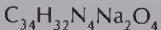
Hepatoprotectant. mp = 228-230°; λ_m 601, 556, 409 nm (25% HCl); soluble in CHCl₃, slightly soluble in MeOH, insoluble in NaHCO₃ solution.

8362 Protoporphyrin IX Disodium Salt

50865-01-5

8084

256-815-9



Sodium 7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropionate.

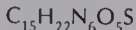
Depocolin-S. Hepatoprotectant.

8363 S-Adenosylmethionine

29908-03-0

155

249-946-8



(3S)-5'-[(3-Amino-3-carboxypropyl)methylsulfonio]-5'-deoxyadenosine inner salt.

active methionine; ademetonine; AdoMet; SAMe; Donamet; S. Amet. Hepatoprotectant. [chloride ($C_{15}H_{23}ClN_6O_5S$): λ_m 260 nm (H_2O); $[\alpha]_D^{25} = 32^\circ$ ($c = 3.3 H_2O$); [disulfate ditosylate (Gumbaral, Samyr, $C_{29}H_{42}N_6O_{19}S_5$): LD_{50} (mus iv) = 560 mg/kg, (mus ip) = 2500 mg/kg, (mus orl) > 6000 mg/kg. Merck & Co., Inc.; Ajinomoto Co. Inc.; PolfaAbbott Labs.

8364 Silibinin

22888-70-6 8680 245-302-5
 $C_{25}H_{22}O_{10}$
 [2R-[2 α ,3 β ,6(2R*,3R*)]]-2-[2,3-Dihydro-3-(4-hydroxy-3-methoxyphenyl)-2-(hydroxymethyl)-1,4-benzodioxin-6-yl]-2,3-dihydro-3,5,7-trihydroxy-4H-1-benzopyran-4-one. silybin; silybum substance E₆; silymarin I. Flavonolignan from the milk thistle *Silybum marianum*. Inhibits lipid peroxidation. Stimulates cellular metabolic activity. See silymarin. Hepatoprotectant. mp = 158°; mp [monohydrate] = 167°; dec 180°; $[\alpha]_D^{20} = +11^\circ$ ($c = 0.25$ in Me_2CO , EtOH); $\lambda_m = 288$ nm (log ϵ 4.33 in MeOH); soluble in Me_2CO , EtOAc, MeOH, EtOH; sparingly soluble in $CHCl_3$; nearly insoluble in H_2O .

8365 Silicristin

33889-69-9 251-720-9
 $C_{25}H_{22}O_{10}$
 2-[2,3-Dihydro-7-hydroxy-2-(4-hydroxy-3-methoxyphenyl)-3-(hydroxymethyl)-5-benzofuranyl]-3,5,7-trihydroxy-4-chromanone. silicristin; silichristin. Flavonolignan from the milk thistle *Silybum marianum*. Inhibits lipid peroxidation. Stimulates cellular metabolic activity. See silymarin. Hepatoprotectant.

8366 Silidianin

29782-68-1 249-848-5
 $C_{25}H_{22}O_{10}$
 (+)-2,3 α ,3 α ,7 α -Tetrahydro-7 α -hydroxy-8-(4-hydroxy-3-methoxyphenyl)-4-(3 α ,5,7-trihydroxy-4-oxo-2 β -chromanyl)-3,6-methanobenzofuran-7(6 α H)-one. silydianin. Flavonolignan from the milk thistle *Silybum marianum*. Inhibits lipid peroxidation. Stimulates cellular metabolic activity. See silymarin. Hepatoprotectant.

8367 Silymarin Group

65666-07-1 8680
 $C_{25}H_{22}O_{10}$
 Silybin.
 silymarin I; Apihepar; Laragon; Legalon; Pluropon; Silarin; Silepar; Silirex; Silliver; Silmar. Antihepatotoxic principle isolated from the seeds of the milk thistle *Ailybum marianum* (L.) Gaertn. A mixtures of three flavonolignans, silybin; silidianin and silicristin. Hepatoprotectant. mp = 158°; dec 180°; $[\alpha]_D^{20} = 11^\circ$ ($c = 0.25 Me_2CO/EtOH$); λ_m 288 nm (log ϵ 4.33 MeOH); insoluble in H_2O ; soluble in EtOAc, Me_2CO , MeOH, EtOH; sparingly soluble in $CHCl_3$.

8368 Thioctic Acid

62-46-4 9462 200-534-6
 $C_8H_{14}O_2S_2$
 1,2-Dithiolane-3-pentanoic acid.

pyruvate oxidation factor, α -lipoic acid; Biletan; Thioctacid; Thioctan; Tioctan. Hepatoprotectant. mp = 60-61°; bp = 160-165°; insoluble in H_2O ; soluble in oils, fats; forms an H_2O -soluble sodium salt. Yamanouchi U.S.A. Inc.; Research Corp.

8369 Thioctic Acid, d-form

1200-22-2 9462
 $C_8H_{14}O_2S_2$
 d-1,2-Dithiolane-3-pentanoic acid.
 pyruvate oxidation factor, α -lipoic acid; Biletan; Thioctacid; Thioctan; Tioctan. Hepatoprotectant. mp = 46-48°; $[\alpha]_D^{23} = 104^\circ$ ($c = 0.88 C_6H_6$); λ_m 333 nm (ϵ 150 MeOH); insoluble in H_2O ; soluble in oils, fats. Yamanouchi U.S.A. Inc.; Research Corp.

8370 Thioctic Acid, dl-form

1077-28-7 9462 214-071-2
 $C_8H_{14}O_2S_2$
 dl-1,2-Dithiolane-3-pentanoic acid.
 pyruvate oxidation factor, α -lipoic acid; Biletan; Thioctacid; Thioctan; Tioctan. Hepatoprotectant. mp = 60-61°; bp = 160-165°; insoluble in H_2O ; soluble in oils, fats; forms an H_2O -soluble sodium salt. Yamanouchi U.S.A. Inc.; Research Corp.

8371 Thioctic Acid, l-form

1077-27-6 9462
 $C_8H_{14}O_2S_2$
 l-1,2-Dithiolane-3-pentanoic acid.
 pyruvate oxidation factor, α -lipoic acid; Biletan; Thioctacid; Thioctan; Tioctan. Hepatoprotectant. mp = 45-47.5°; $[\alpha]_D^{23} = -113^\circ$ ($c = 1.88 C_6H_6$); $\lambda_m = 330$ nm (ϵ 140 MeOH). Yamanouchi U.S.A. Inc.; Research Corp.

8372 Thioctic Acid Sodium Salt

2319-84-8 9462
 $C_8H_{13}NaO_2S_2$
 Sodium 1,2-dithiolane-3-pentanoate.
 Hepatoprotectant. Soluble in H_2O . Yamanouchi U.S.A. Inc.; Research Corp.

8373 Timonacic

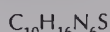
444-27-9 9586 207-146-6
 $C_4H_7NO_2S$
 4-Thiazolidinecarboxylic acid.
 ATC; norgamen; thioproline; NSC-25855; Detoxepa; Hepalidine; Heparegen; Tiazolidin. Hepatoprotectant. [dl-form]: mp = 195°; LD_{50} (mus orl) = 400 mg/kg; [l-form]: mp = 196-197° (dec); insoluble in EtOH; readily soluble in hot H_2O , acid, alkali. PolfaAdvanced Magnetics, Inc.

8374 Tiopronin

1953-02-2 9597 217-778-4
 $C_5H_9NO_3S$
 N-(2-Mercapto-1-oxopropyl)glycine.
 Acadione; Capen; Epatiol; Mucolysin; Thiola; Thiosol. Hepatoprotectant. mp = 95-97°; LD_{50} (mus iv) = 2100 mg/kg. Santen; C.M. Industries.

Histamine H₂ Receptor Antagonists**8375 Cimetidine**

51481-61-9 2337

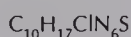


2-Cyano-1-methyl-3-[2-[[[5-methylimidazol-4-yl)methyl]thio]ethyl]guanidine.

Tagamet; SKF-92334; Acibilin; Acinil; Cimal; Cimetag; Cimetum; Edalene; Dyspamet; Eureceptor; Gastromet; Peptol; Tametin; Tratul; Ulcedin; Ulcedine; Ulcerfen; Ulcimet; Ulcofalk; Ulcomedina; Ulcomet; Ulhys.

Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. mp = 141-143°; soluble in H₂O (11.4 g/l 37°); LD₅₀ (mus orl) = 2600 mg/kg, (mus iv) = 150 mg/kg, (mus ip) = 470 mg/kg, (rat orl) = 5000 mg/kg, (rat iv) = 106 mg/kg, (rat ip) = 650 mg/kg. *Apothecon; Lemmon Co.; SmithKline Beecham Pharmaceuticals.***8376 Cimetidine Hydrochloride**

70059-30-2 2337



2-Cyano-1-methyl-3-[2-[[[5-methylimidazol-4-yl)methyl]thio]ethyl]guanidine monohydrochloride.

Tagamet Injection; Tagamet Liquid; Aciloc; Biomag; Brumetidina; Notul. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. *Apothecon; Lemmon Co.; SmithKline Beecham Pharmaceuticals.***8377 Etintidine**

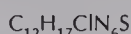
69539-53-3



2-Cyano-1-[2-[[[5-methylimidazol-4-yl)methyl]thio]ethyl]-3-(2-propynyl)guanidine.

Histamine H₂-receptor Antagonist. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.***8378 Etintidine Hydrochloride**

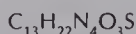
71807-56-2



2-Cyano-1-[2-[[[5-methylimidazol-4-yl)methyl]thio]ethyl]-3-(2-propynyl)guanidine monohydrochloride.

BL-5641A. Histamine H₂-receptor Antagonist. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.***8379 Ranitidine**

66357-35-5 8286



N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethylenediamine.

Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. mp = 69-70°. *Glaxo Wellcome, UK.***8380 Ranitidine Bismuth Citrate**

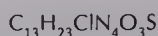
128345-62-0 8286



N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethylenediamine compound with bismuth (3+) citrate (1:1).

Ranitidine bismutrex; GR-122311X; Pylorid. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. *Glaxo Wellcome, UK.***8381 Ranitidine Hydrochloride**

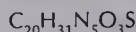
66357-59-3 8286



N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethylenediamine hydrochloride.

† AH-19065; Azantac; Melfax; Noctone; Raniben; Ranidil; Raniplex; Zantac; Sostiril; Taural; Terposen; Trigger; Ulcex; Ultidine; Zantic. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. mp = 133-134°; soluble in H₂O, AcOH; less soluble in EtOH, MeOH; insoluble in organic solvents. *Glaxo Wellcome, UK.***8382 Sufotidine**

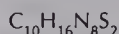
80343-63-1



1-[m-[3-[[1-Methyl-3-[(methylsulfonyl)methyl]-1H-1,2,4-triazol-5-yl]amino]propoxy]benzyl]piperidine.

AH-25352X. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. *Glaxo Wellcome, UK.***8383 Tiotidine**

69014-14-8



2-Cyano-1-[2-[[[2-[(diaminomethylene)amino]-4-thiazolyl)methyl]thio]ethyl]-3-methylguanidine.

ICI-125211. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. *ICI.***8384 Famotidine**

76824-35-6

3972



N'-(Aminosulfonyl)-3-(((2-[(diaminomethylene)amino]-4-thiazolyl)methyl)thio)propanimidamide.

Pepcid; Pepcid PM; Amfamox; Pepcidine; Pepcid AC; MK-208. Histamine H₂-receptor Antagonist. Used for short term treatment of active duodenal ulcers. mp = 163-164°; poorly soluble in H₂O (1 g/l); more soluble in DMF (800 g/l), AcOH (500 g/l), MeOH (3 g/l); insoluble in EtOH, EtOAc, CHCl₃; LD₅₀ (mus iv) = 244,4 mg/kg. *Johnson & Johnson-Merck Consumer Pharmaceuticals ; Merck & Co., Inc.***8385 Zaltidine Hydrochloride**

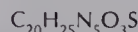
90274-23-0



[4-(2-Methylimidazol-5-yl)-2-thiazolyl]guanidine dihydrochloride.

CP-57361-01. Histamine H₂-receptor Antagonist. Used as an anti-ulcerative. *Pfizer Inc.***8386 Donetidine**

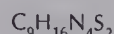
99248-32-5



5-[(1,2-Dihydro-2-oxo-4-pyridyl)methyl]-2-[[2-[[5-[(dimethylamino)methyl]furfuryl]thio]ethyl]amino]-4(1H)-pyrimidinone.

SK&F-93574. Histamine H₂-receptor Antagonist. *SmithKline Beecham Pharmaceuticals.***8387 Metiamide**

34839-70-8



1-Methyl-3-[2-[[[5-methylimidazol-4-yl)methyl]thio]ethyl]-2-thiourea.

SK&F-92058. Histamine H₂-receptor Antagonist. Used as

an anti-ulcerative. *SmithKline Beecham Pharmaceuticals.*

8388 Oxmetidine

72830-39-8

$C_{19}H_{21}N_5O_3S$

2-[[2-[[[(5-Methylimidazol-4-yl)methyl]thio]ethyl]amino]-5-piperonyl-4-(1H)-pyrimidinone.

Histamine H_2 -receptor Antagonist. Used as an anti-ulcerative. *SmithKline Beecham Pharmaceuticals.*

8389 Oxmetidine Hydrochloride

63204-23-9

$C_{19}H_{23}ClN_5O_3S$

2-[[2-[[[(5-Methylimidazol-4-yl)methyl]thio]ethyl]amino]-5-piperonyl-4-(1H)-pyrimidinone dihydrochloride.

SK&F-92994-A₂. Histamine H_2 -receptor Antagonist. Used as an anti-ulcerative. *SmithKline Beecham Pharmaceuticals.*

8390 Oxmetidine Mesylate

84455-52-7

$C_{21}H_{29}N_5O_9S_3$

2-[[2-[[[(5-Methylimidazol-4-yl)methyl]thio]ethyl]amino]-5-piperonyl-4-(1H)-pyrimidinone dimethanesulfonate.

SK&F-92994-J₂. Histamine H_2 receptor Antagonist. Used as an anti-ulcerative. *SmithKline Beecham Pharmaceuticals.*

8391 Sopromidine

79313-75-0

$C_{14}H_{23}N_7S$

(-)-1-[(R)-2-Imidazol-4-yl-1-methylethyl]-3-[2-[[5-methylimidazol-4-yl)methyl]thio]ethyl]guanidine.

Histamine H_2 receptor agonist.

Immunomodulators

8392 Acemannan

110042-95-0 26

polymanoacetate; Carraklenz Wound & Skin Cleaner; Carrisyn; Snow & Sun Sports Gel; component of: Carraklenz Incontinence Skin Care Kit, Moisture Barrier Cream with Zinc, Moisture Guard, Skin Balm, Snow & Sun Sunburn Spray. Antiviral agent with immunomodulatory activity. From mucilage of *Aloe barbadensis*. *Carrington Labs., Inc.*

8393 Amiprilose

56824-20-5 506

$C_{14}H_{27}NO_6$

3-O-[3-(Dimethylamino)propyl]-1,2-O-isopropylidene- α -D-glucofuranose.

SM-1213. Immunomodulator. Colorless viscous oil. *Polichimica Sap.*

8394 Amiprilose Hydrochloride

60414-06-4 506

$C_{14}H_{28}ClNO_6$

3-O-[3-(Dimethylamino)propyl]-1,2-O-isopropylidene- α -D-glucofuranose hydrochloride.

Therafectin. Immunomodulator. mp = 181-183°; soluble in H_2O , MeOH, hot EtOH. *Polichimica Sap.*

8395 Atiprimod Dimaleate

183063-72-1

$C_{30}H_{52}N_2O_8$

2-[3-(Diethylamino)propyl]-8,8-dipropyl-2-azaspiro[4.5]decane maleate (1:2).

SK&F-106615-A2. Immunomodulator. *SmithKline Beecham Pharmaceuticals.*

8396 Azimexon

64118-86-1

264-679-7

$C_{19}H_{14}N_4O$

1-[[1-(2-Cyano-1-aziridinyl)-1-methylethyl]-2-aziridinecarboxamide.

Immunomodulator. Used in cancer treatment.

8397 Bucillamine

65002-17-7

1481

$C_7H_{13}NO_3S_2$

N-(2-Mercapto-2-methylpropionyl)-L-cysteine.

tiobutarit; thiobutarit; DE-019; SA-96; Rimatil.

Immunomodulator and antirheumatic. mp = 139-140°;

$[\alpha]_D^{25} = 32.3^\circ$ (c = 1.0 EtOH); LD₅₀ (mus ip) = 2285 mg/kg, (mus iv) = 989.6 mg/kg. *Santen.*

8398 Celmoleukin

94218-72-1

$C_{693}H_{1118}N_{178}O_{203}S_7$

Interleukin 2 (human clone pTIL2-21a), protein moiety.

8399 Copovithane

68045-74-9

Copolymer of 2-methylenetrimethylene-

bis(methylcarbamate) and 1-vinyl-2-pyrrolidone ($\cong$ 1:4).

BAY i 7433. Immunomodulator.

8400 Creosote Carbonate

8001-59-0

Shows antiviral activity.

8401 Dimepranol

53657-16-2

$C_5H_{13}NO$

($\pm$)-1-(Dimethylamino)-2-propanol.

Immunomodulator. *Polichimica Sap.*

8402 Dimepranol Acedoben

61990-51-0

263-361-5

$C_{14}H_{22}N_2O_4$

($\pm$)-1-(Dimethylamino)-2-propanol p-acetamidobenzoate (salt).

Immunomodulator. *Polichimica Sap.*

8403 Ditiocarb Sodium

148-18-5

3443

205-710-6

$C_5H_{10}NNaS_2$

Sodium diethyldithiocarbamate.

DTC; DDC; DEDC; DDTC; DeDTC; Imuthiol.

Immunomodulator. [trihydrate]: mp = 94-102°, 90-92°;

freely soluble in H_2O ; soluble in EtOH, MeOH, Me_2CO ;

insoluble in Et_2O , C_6H_6 ; $\lambda_m = 257, 290$ nm (ϵ 1200,

13000 EtOH); LD₅₀ (rat orl) = 2830 mg/kg, (mus orl) =

1870 mg/kg, (mus iv) > 1000 mg/kg.

8404 Etanercept

185243-69-0

Recombinant human tumor necrosis factor receptor p75 Fc fusion protein.

TNFR:Fc; Enbrel; Recombinant human TNF. An immunomodulator, used in treatment of arthritis. A dimeric fusion protein consisting of the extracellular ligand-binding portion of the human 75 kilodalton (p75) tumor necrosis factor receptor linked to the Fc portion of human IgG1. *Immunex Corp.***8405 Glatiramer Acetate**

147245-92-9

 $(C_5H_9NO_4 \cdot C_3H_7NO_2 \cdot C_6H_{14}N_2O_2 \cdot C_9H_{11}NO_3)_x \cdot xC_2H_4O_2$
L-Glutamic acid polymer with L-alanine, L-lysine, L-tyrosine, acetate (salt).Copaxone; COP-1. Immunomodulator. *Lemmon Co.***8406 Imiquimod**

99011-02-6

4957

 $C_{14}H_{16}N_4$

4-Amino-1-isobutyl-1H-imidazo[4,5-c]quinoline.

R-837; S-26308. Immunomodulator. mp = 292-294°. *3M Pharmaceuticals.***8407 Inosine Pranobex**

36703-88-5

5006

 $C_{24}H_{34}N_6O_9$

Inosine-2-hydroxypropyldimethylammonium

4-acetamidobenzoate (1:3).

methisoprinol; NP-113; NPT-10381; Aviral; Delimmun; Immunoviral; Isoprinosin; Isoprinosina; Isoprinosine; Isoviral; Modimmunol; Pranosina; Pranosine; Viruxan. Immunomodulator. Soluble in H_2O ; LD₅₀ (mus, rat orl, ip) > 4000 mg/kg. *Polichimica Sap.***8408 Interferon-β**

145155-23-3

5017

 $C_{903}H_{1399}N_{245}O_{252}S_5$

Interferon beta-1b.

2-166 interferon β1 (human fibroblast reduced), 17-L-serine; Betaseron; FIF; IFN-β; Feron; Fiblaferon; Frone; Nafron. Immunomodulator. *Berlex Labs., Inc.***8409 Interferon-σ**

98059-61-1

5018

 $C_{734}H_{1166}N_{204}O_{216}S_5$

Interferon gamma-1b.

1-139 interferon σ (human lymphocyte protein moiety reduced, N²-L-methionyl; Actimmune; ImIFN; type II interferon; immune IFN. Immunomodulator. *Genentech, Inc.***8410 Interleukin-2**

85898-30-2

5020

 $C_{690}H_{1115}N_{177}O_{203}S_6$

2-133-Interleukin 2 (human reduced), 125 L-serine.

Aldesleukin; Proleukin; TCGF; Costimulator; IL-2. Immunomodulator. *Cetus Corp.***8411 Lentinan**

37339-90-5

5462

 $(C_6H_{10}O_5)_n$ Neutral polysaccharides from the edible mushroom, *Lentinus edodes*.

LC-33. Immunomodulator. Dec 250°; insoluble in cold

 H_2O ; slightly soluble in hot H_2O , DMSO; insoluble in organic solvents; $[\alpha]_D^{20} = 13.5 - 14.5^\circ$ (2% NaOH), 19.5 - 24.5° (10% NaOH). *Ajinomoto Co. Inc.***8412 Levamisole**

14769-73-4

5486

238-836-5

 $C_{11}H_{12}N_2S$

(-)-2,3,5,6-Tetrahydro-6-phenylimidazo[2,1-b]thiazole.

Levovermax; Totalon. Immunomodulator with anthelmintic activity. mp = 60-61.5°; $[\alpha]_D^{25} = -85.1^\circ$ (c = 10 $CHCl_3$); [DL-form (tetramisole, Tetramizole)]: mp = 87-89°; [D-(+)-form (dexamisole)]: mp = 60-61.5°; $[\alpha]_D^{25} = 85.1^\circ$ (c = 10 $CHCl_3$). *American Cyanamid; Bayer Corp., Pharmaceutical Div.; ICI; Janssen Pharmaceutical Inc.; McNeil Pharmaceutical.***8413 Levamisole Hydrochloride**

16595-80-5

5486

240-654-6

 $C_{11}H_{13}ClN_2S$

(-)-2,3,5,6-Tetrahydro-6-phenylimidazo[2,1-b]thiazole monohydrochloride.

Ergamisole; R-12654; Ascaridil; Decaris; Ergamisol; Levacide; Levadin; Levasole; Meglum; Nemicide; Nilverm; Ripercol; Solaskil; Spartakon; Tramisol. Immunomodulator with anthelmintic activity. mp = 227-229°; $[\alpha]_D^{20} = -124^\circ \pm 2^\circ$ (c = 0.9 H_2O); soluble in H_2O ; [DL-form (Bayer 9051, McN-JR-8299, R-8299)]: mp = 264-265°; soluble in H_2O (21 g/100 ml), MeOH, propylene glycol; sparingly soluble in EtOH; slightly soluble in $CHCl_3$, Me_2CO , C_6H_{14} ; LD₅₀ (mus iv) = 22 mg/kg, (mus sc) = 84 mg/kg, (mus orl) = 210 mg/kg, (rat iv) = 24 mg/kg, (rat sc) = 130 mg/kg, (rat orl) = 480 mg/kg; [D-(+)-form]: mp = 227-227.5°; $[\alpha]_D^{20} = 125^\circ$ (c = 0.7 H_2O). *American Cyanamid; Bayer Corp., Pharmaceutical Div.; ICI; Janssen Pharmaceutical Inc.; McNeil Pharmaceutical.***8414 Lisofylline**

100324-81-0

 $C_{13}H_{20}N_4O_3$

1-[(R)-5-Hydroxyhexyl]theobromine.

ProTec; CT-1501R. Immunomodulator. *Cell Therapeutics, Inc.***8415 Macrophage Colony Stimulating Factor**

81627-83-0

5678

A Hematopoietic growth factor.

colony-stimulating factor 1; M-CSF; CSF-1. Immunomodulator.

8416 Murabutide

74817-61-1

 $C_{23}H_{40}N_4O_{11}$

2-Acetamido-3-O-[(R)-1-[(S)-1-[(R)-3-carbamoyl-1-carboxypropyl]carbamoyl]ethyl]carbamoyl]ethyl]-2-deoxy-D-glucopyranose butyl ester.

A muramyl dipeptide analog that stimulates antibody activity; used as an immunoadjuvant for synthetic vaccines. Immunomodulator.

8417 Mycophenolate Mofetil

115007-34-6

 $C_{23}H_{31}NO_7$

2-Morpholinoethyl (E)-6-(4-hydroxy-6-methoxy-7-methyl-3-oxo-5-phthalanyl)-4-methyl-4-hexenoate.

RS-61443. Immunomodulator. *Syntex International, Ltd.*

8418 Pidotimod

121808-62-6 7574

$C_9H_{12}N_2O_4S$

(R)-3-[(S)-5-Oxopropyl]-4-thiazolidinecarboxylic acid.

Axil; Onaka; Pigtil; Polimod. Immunomodulator. mp = 194-198° (dec), 192-194° (dec); $[\alpha]_D^{25} = -150^\circ$ (c = 2.5N HCl); soluble in H_2O (3.78 g/100 ml), MeOH (1.38 g/100 ml), EtOH (0.44 g/100 ml), DMF (7.24 g/100 ml); insoluble in $CHCl_3$, C_6H_{14} ; LD₅₀ (mus, rat iv) > 4000 mg/kg, (mus, rat im) > 4000 mg/kg, (mus, rat ip) > 8000 mg/kg, (mus, rat orl) > 8000 mg/kg.

8419 Pimelauteide

78512-63-7

$C_{29}H_{52}N_6O_9$

threo-6-Carbamoyl-N²-[N-(N-lauroyl-L-alanyl)-D-γ-

glutamyl]-N⁶-glycyl-DL-lysine.

RP-44102. Murein-derived lauroyl-peptide with immunostimulating activity. Immunomodulator.

8420 Platonin

3571-88-8 7690 222-681-5

$C_{38}H_{61}I_2N_3S_3$

2,2'-[3-[(3-Heptyl-4-methyl-2(3H)-thiazolylidene)ethylidene]-1-propene-1,3-diyl]bis[3-heptyl-4-methylthiazolium]diiodide.

platonin J; NK-19; Kankohso 101; Photosensitizer 101.

Immunomodulator. mp = 204°; soluble in H_2O , EtOH;

LD₅₀ (mmus ip) = 46.9 mg/kg, (mmus orl) = 1539 mg/kg, (fms ip) = 50.5 mg/kg, (fms orl) = 1571 mg/kg.

8421 Prezatide Copper Acetate

130120-57-9

$C_{32}H_{54}CuN_{12}O_{12}$

Hydrogen [N²-(N-glycyl-L-histidyl)-L-lysinate][N²-(N-glycyl-L-histidyl)-L-lysinate(2-)]cuprate(1-) diacetate.

lamin; PC1020 acetate. Immunomodulator. *ProCyte Corp.*

8422 Procodazole

23249-97-0 7943

$C_{10}H_{10}N_2O_2$

2-Benzimidazolepropionic acid.

propazol; AL-1241; Estimulocel. Immunomodulator. mp

= 228° (dec); soluble in EtOH, warm H_2O ; insoluble in

Et_2O , C_6H_6 . *Polichimica Sap.*

8423 Propagermanium

12758-40-6 7979 235-800-0

$(C_3H_5GeO_{3.5})_n$

3-(Trihydroxygermanyl)propionic acid polymer.

proxigermanium; repagergermanium; GE-132; SK-818;

Serocion. Immunomodulator. mp = 270° (dec); soluble in

H_2O (1.1 g/100 ml); poorly soluble in organic solvents;

LD₅₀ (mus ip) = 2800 mg/kg.

8424 Romurtide

78113-36-7 8412

$C_{43}H_{78}N_6O_{13}$

2-Acetamido-3-O-[(R)-1-[(S)-1-[(R)-1-carbamoyl-3-[(S)-1-carboxy-5-

stearamidopentyl]carbamoyl]propyl]carbamoyl]ethyl]carb

amoyl]ethyl]-2-deoxy-D-glucopyranose.

MDP-Lys (L18); muroctasin; DJ-7041; Nopia.

Immunomodulator. mp = 176-178°; $[\alpha]_D^{20} = 24.9^\circ$ (c = 1

MeOH); soluble in DMF (1.38 g/100 ml), MeOH (0.53

g/100 ml), EtOH (0.30 g/100 ml); insoluble in Me_2CO ,

CH_3CN , $CHCl_3$, H_2O ; LD₅₀ (mmus sc) = 436 mg/kg, (fms

sc) = 625 mg/kg, (mrat sc) = 761 761 mg/kg, (frat sc) =

801 mg/kg, (dog sc) > 200 mg/kg. *Daiichi Pharmaceutical*

Corp.

8425 Roquinimex

84088-42-6

$C_{18}H_{16}N_2O_3$

1,2-Dihydro-4-hydroxy-N,1-dimethyl-2-oxo-3-quinolinecarboxanilide.

LS-2616; FCF-89. Immunomodulator.

8426 Susalimod

149556-49-0

$C_{21}H_{16}N_2O_5S$

5-[[p-[(3-Methyl-2-pyridyl)sulfamoyl]phenyl]-ethynyl]salicylic acid.

Sulfasalazine analog. Immunomodulator.

8427 Temarotene

75078-91-0

$C_{23}H_{28}$

1,2,3,4-Tetrahydro-1,1,4,4-tetramethyl-6-[(E)-α-methylstyryl]naphthalene.

Ro-15-0778. A synthetic retinoid chemopreventive and chemotherapeutic agent. Immunomodulator; antiacne.

8428 Thymocartin

85466-18-8

$C_{21}H_{40}N_8O_7$

N-[N-(N²-L-Arginyl-L-lysyl)-L-α-aspartyl]-L-valine.

RGH-0206; TP-4. Tetrapeptide. The 32-35 fragment of the naturally occurring thymic factor (thymopoietin). Immunostimulant.

8429 Thymomodulin

90803-92-2 9543

A cell-free thymic hormone preparation from calf thymus.

Leucotrofina. Immunomodulator.

8430 Thymopentin

69558-55-0 9544

$C_{30}H_{49}N_9O_9$

N-[N-[N-[N²-L-Arginyl-L-lysyl)-L-α-aspartyl]-L-valyl]-L-tyrosine.

H_2N -Arg-Lys-Asp-Val-Tyr-COOH; ORF-15244; TP-5.

Immunomodulator. *Ortho Pharmaceutical Corp.*

8431 Thymotrinan

85465-82-3

$C_{16}H_{31}N_7O_6$

N-(N²-L-Arginyl-L-lysyl)-L-aspartic acid.

RGH-0205; TP-3. Tripeptide. Synthetic thymopoietin derivative. Immunostimulant.

8432 Tiprotimod

105523-37-3

$C_{10}H_{13}NO_4S_2$

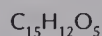
2-[(3-Carboxypropyl)thio]-4-methyl-5-thiazoleacetic acid.

HBW-538. A synthetic thiazole derivative.

Immunomodulator.

8433 Tucaresol

84290-27-7

 α -(2-Formyl-3-hydroxyphenoxy)-p-toluic acid.

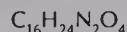
A Schiff base-forming molecule that mimics a natural carbonyl donor and enhances immune response. Immunomodulator.

8434 Ubenimex

58970-76-6

9973

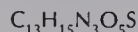
261-529-2



(-)-N-[(2S,3R)-3-Amino-2-hydroxy-4-phenylbutyryl]-L-leucine.

A dipeptide antitumor antibiotic obtained from *Streptomyces olivoreticuli*. Immunomodulator. mp = 233-236°; $[\alpha]_D^{20} = -15.5^\circ$ (c = 1.0 1N HCl); λ_m 241.5, 248, 253, 258, 264.5, 268 nm ($\epsilon_{1\%}^{1\text{cm}}$ 3.8, 4.0, 5.0, 6.0, 4.6, 2.7); soluble in AcOH, DMSO, MeOH; less soluble in H₂O; insoluble in EtOAc, C₆H₆, C₆H₁₄, CHCl₃; LD₅₀ (14 day) (mus sc) = 1300-1900 mg/kg, (mus ip) = 190 mg/kg, (mus orl) > 4000 mg/kg, (rat sc) = 1900-2100 mg/kg, (rat ip) = 780-900 mg/kg, (rat orl) > 2000 mg/kg. *Polichimica Sap.***Immunosuppressants****8435 Asobamast**

104777-03-9



2-Ethoxyethyl [4-(3-methyl-5-isoxazolyl)-2-thiazolyl]-oxamate.

An antianaphylactic agent.

8436 Azastene

13074-00-5



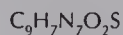
4,4,17-Trimethylandrosta-2,5-dieno[2,3-d]isoxazol-17-ol.

Luteolytic. Inhibits steroid biogenesis and is immunosuppressive.

8437 Azathioprine

446-86-6

935



6-[(1-Methyl-4-nitroimidazol-5-yl)thio]purine.

BW-57-322; NSC-39084; Imuran; Azamune; Azanin; Azoran; Imurel. Has been used in treatment of rheumatoid arthritis. Dec 243-244°; λ_m 276 nm (ϵ 18200 MeOH), 280 nm (ϵ 17300 0.1N HCl), 285 nm (ϵ 15500 0.1N NaOH); slightly soluble in H₂O, CHCl₃, EtOH. *Glaxo Wellcome Inc.***8438 Azathioprine Sodium**

55774-33-9

935

6-[(1-Methyl-4-nitroimidazol-5-yl)thio]purine sodium salt. Imuran Injection; Imurek. Has been used in treatment of rheumatoid arthritis. Soluble in H₂O. *Glaxo Wellcome Inc.***8439 Brequinar**

96187-53-0

1394



† 6-Fluoro-2-(2'-fluoro-4-biphenyl)-3-methyl-4-quinolinecarboxylic acid.

Dihydroorotate dehydrogenase inhibitor. mp = 315-317°.

*E. I. Du Pont de Nemours Inc.***8440 Brequinar Sodium Salt**

96201-88-6

1394



Sodium 6-fluoro-2-(2'-fluoro-4-biphenyl)-3-methyl-4-quinolinecarboxylate.

Dup-785; NSC-368390. Dihydroorotate dehydrogenase inhibitor. mp > 360°; soluble in H₂O. *E. I. Du Pont de Nemours Inc.***8441 Cedelizumab**

156586-90-2

Immunoglobulin G 4 (human-mouse monoclonal OKTcd4A complementary determining region-grafted σ -chain anti-human CD4 antigen) disulfide with human-mouse monoclonal OKTcd4a complementary determining region-grafted kappa chain, dimer.RWJ-49004. Monoclonal antibody, designed as an immunosuppressant. *R. W. Johnson.***8442 Ciamexon**

75985-31-8



(±)-1-[(2-Methoxy-6-methyl-3-pyridyl)methyl]-2-aziridinecarbonitrile.

Immunosuppressant.

8443 Cyclophosphamide

50-18-0

2816

200-015-4

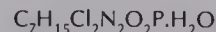


(Bis(chloro-2-ethyl)amino)-2-tetrahydro-3,4,5,6-oxazaphosphorine-1,3,2-oxide-2 hydrate.

Asta B 518; Clafen; Claphene; Cyclophosphamid; Cyclophosphamide; Cyclophosphamidum; Cyclophosphan; Cyclophosphane; Cyclostin; Cytophosphan; Cytoxan; NSC-26271; CB 4564; CB-4564; CP; CPA; CTX; CY; Endoxan; Endoxan R; Endoxan-Asta; Endoxana; Endoxanal; Endoxane; Enduxan; Genoxal; Hexadrin; Mitoxan; Neosar; NCI-C04900; Procytox; Semdoxan; Sendoxan; Senduxan; SK 20501; Zyklophosphamid. Immunosuppressant and antineoplastic agent. mp = 41-45°; soluble in H₂O (40 g/l), less soluble in organic solvents; LD₅₀ (rat orl) = 94 mg/kg. *Pharmacia & Upjohn, Inc.*; *Bristol-Myers Oncology.***8444 Cyclophosphamide Monohydrate**

6055-19-2

2816

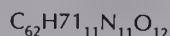


N,N-Bis(2-Chloroethyl)tetrahydro-2H-1,3,2-oxazaphosphorin-2-amine 2-oxide.

2-[bis(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide; 1-bis-(2-chloroethyl)amino-1-oxa-2-aza-5-oxaphosphoridin; B-518; Cycloblastin; Cyclostin; Endoxan; Procytox; Sendoxan; Cytoxan; NSC-26271. Immunosuppressant and antineoplastic agent. mp = 41-45°; soluble in H₂O (40 g/l), less soluble in organic solvents; LD₅₀ (rat orl) = 94 mg/kg. *Degussa AG.*

8445 Cyclosporin A

59865-13-3 2821



Cyclosporine.

ciclosporin; 27-400; Sandimmun; Sandimmune; Neoral. Immunosuppressant. mp = 148-151°; $[\alpha]_D^{20} = -244^\circ$ (c = 0.6 CHCl₃), -189° (c = 0.5 MeOH), soluble in MeOH, EtOH, Me₂CO, Et₂O, CHCl₃; slightly soluble in H₂O and saturated hydrocarbons; LD₅₀ (mus iv) = 107 mg/kg, (mus orl) = 2329 mg/kg, (rat iv) = 25 mg/kg, (rat orl) = 1480 mg/kg, (rbt iv) > 10 mg/kg, (rbt orl) > 1000 mg/kg. *Sandoz Pharmaceuticals Corp.*

8446 Cyclosporin B

63775-95-1 2821



Ala²-Cyclosporine.

Related to the immunosuppressant cyclosporin A. mp = 149-152°; $[\alpha]_D^{20} = -238^\circ$ (c = 0.62 CHCl₃), -168° (c = 0.56 MeOH). *Sandoz Pharmaceuticals Corp.*

8447 Cyclosporin C

59787-61-0 2821

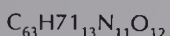


Thr²-Cyclosporine.

Related to the immunosuppressant cyclosporin A. mp = 152-155°; $[\alpha]_D^{20} = -255^\circ$ (c = 0.5 CHCl₃), -182° (c = 0.5 MeOH); solubility similar to that of cyclosporin A. *Sandoz Pharmaceuticals Corp.*

8448 Cyclosporin D

63775-96-2 2821

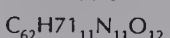


Val²-Cyclosporine.

Related to the immunosuppressant cyclosporin A. mp = 148-151°; $[\alpha]_D^{20} = -245^\circ$ (c = 0.52 CHCl₃), -211° (c = 0.51 MeOH). *Sandoz Pharmaceuticals Corp.*

8449 Cyclosporin G

74436-00-3 2821

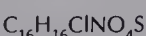


Nva²-Cyclosporine.

7-L-norvaline cyclosporin A. Related to the immunosuppressant cyclosporin A. mp = 196-197°; $[\alpha]_D^{20} = -245^\circ$ (c = 1.0 CHCl₃), -191° (c = 1.04 MeOH). *Sandoz Pharmaceuticals Corp.*

8450 Daltroban

79094-20-5 2871

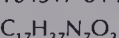


[p-[2-(p-Chlorobenzenesulfonamido)ethyl]phenyl]acetic acid.

SK&F-96148; BM-13505. Immunosuppressant and antithrombotic. *Boehringer Mannheim GmbH; SmithKline Beecham Pharmaceuticals.*

8451 Gusperimus

104317-84-2 4610



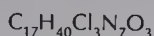
(±)-N-[[[4-[(3-

Aminopropyl)amino]butyl]carbamoyl]hydroxymethyl]-7-guanidinoheptanamide.

deoxyspergualin; (±)-15-deoxyspergualin. Immunosuppressant. *Bristol-Myers Oncology.*

8452 Gusperimus Trihydrochloride

85468-01-5 4610



(±)-N-[[[4-[(3-Aminopropyl)amino]butyl]carbamoyl]-hydroxymethyl]-7-guanidinoheptanamide trihydrochloride. BMS-181173; BMY-42215-1; NKT-01; NSC-356894; Spanidin. Immunosuppressant. [Sesquihydrate]: Soluble in H₂O; LD₅₀ (mus ip) = 25-50 mg/kg. *Bristol-Myers Oncology.*

8453 (-)-Gusperimus Trihydrochloride

84937-45-1 4610



(-)-N-[[[4-[(3-Aminopropyl)amino]butyl]carbamoyl]-hydroxymethyl]-7-guanidinoheptanamide trihydrochloride. BMS-181173; BMY-42215-1; NKT-01; NSC-356894. Immunosuppressant. [Dihydrate]: $[\alpha]_D^{25} = -7.3^\circ$ (c = 1 in H₂O); LD₅₀ (mus ip,iv) = 35-40 mg/kg. *Bristol-Myers Oncology.*

8454 Leflunomide

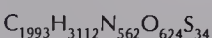
75706-12-6



α,α,α-Trifluoro-5-methyl-4-isoxazolecarboxy-p-toluidide. Cyclo-oxygenase-2 inhibitor. Used in the treatment of rheumatoid arthritis. Immunosuppressant.

8455 Lenercept

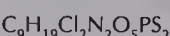
156679-34-4



1-182 Tumor necrosis factor receptor (human reduced), (182-104')-protein with 104-330-immunoglobulin G 1 (human clone pTJ5 Cα 1 reduced). Tumor necrosis factor receptor-immunoglobulin fusion protein. Immunosuppressant.

8456 Mafosfamide

88859-04-5



(±)-2-[[2-[Bis(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorin-4-yl]thio]ethanesulfonic acid P-cis-oxide.

A cyclophosphamide derivative. Antineoplastic; immunosuppressant.

8457 6-Mercaptopurine

50-44-2 5919

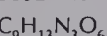


Purine-6-thiol monohydrate.

NSC-755; 6-MP; Leukerin; Mercalukin; Puri-Nethol; Purinethol. Antineoplastic and immunosuppressant. Dec 313-314°; λ_m 230 312 nm (ε 14000, 19600 0.1N NaOH), 222, 327 nm (ε 9240, 21300 0.1N HCl), 216, 329 nm (ε 8940, 19300 MeOH); soluble in hot EtOH; insoluble in H₂O, Me₂CO, Et₂O; LD₅₀ (mus ip) = 157 mg/kg, (hmtr ip) = 364 mg/kg. *Bracco Diagnostics; Glaxo Wellcome Inc.*

8458 Mizoribine

50924-49-7 6306



5-Hydroxy-1-β-D-ribofuranosylimidazole-4-carboxamide. HE-69; Bredinin. Immunosuppressive with anti-arthritis

activity. mp > 200° (dec); $[\alpha]_D^{27} = -35^\circ$ ($c = 0.8 \text{ H}_2\text{O}$); $\lambda_m = 245, 279 \text{ nm}$ (E 250, 580 H_2O); soluble in H_2O ; slightly soluble in MeOH, EtOH; insoluble in other organic solvents; LD_{50} (mus iv) > 1500 mg/kg, (mus ip) > 2400 mg/kg. *Sumitomo; Toyo Jozo.*

8459 Rapamycin

53123-88-9

8288

 $\text{C}_{51}\text{H}_{79}\text{NO}_{13}$

(3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-Hexadecahydro-9,27-dihydroxy-3-[(1R)-2-[(1S,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylethyl]-10,21-dimethoxy-6,8,12,14,20,26-hexamethyl-23,27-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclohentriacontine-1,5,11,28,29(4H,6H,31H)pentone. Sirolimus; Rapamune; AY-22989; WY-090217; RAPA; RPM; NSC-226080. Immunosuppressive with anti-arthritis activity. mp = 183-185°; λ_{max} 267, 277 288 nm (E_{1cm}^{1%} 417, 541, 416 95% EtOH); $[\alpha]_D^{25} = -58.2^\circ$ (MeOH); soluble in Et_2O , CHCl_3 , Me_2CO , MeOH, DMF; sparingly soluble in C_6H_{14} , petroleum ether; insoluble in H_2O ; LD_{50} (mus ip) $\approx$ 600 mg/kg, (mus orl) > 2500 mg/kg. *Wyeth-Ayerst Labs.*

8460 Sufosfamide

37753-10-9

 $\text{C}_8\text{H}_{18}\text{ClN}_2\text{O}_5\text{PS}$

2-[[3-(2-Chloroethyl)tetrahydro-2H-1,3,2-oxazaphosphorin-2-yl]amino]ethanol methanesulfonate (ester). Oxazaphosphorine derivative. Antineoplastic; immunosuppressant.

8461 Tacrolimus

104987-11-3

9200

 $\text{C}_{44}\text{H}_{69}\text{NO}_{12} \cdot \text{H}_2\text{O}$

(-)-(3S,4R,5S,8R,9E12S,14S,15R,16R,18R,19R26aS)-8-allyl-5,6,8,11,12,13,14,15,16,17,18,19,24,25,26,26a-Hexadecahydro-5,19-dihydroxy-3-[(E)-2-[(1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-1-methylvinyl]-14,16-dimethoxy-4,10,12,18-tetramethyl-15,19-epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclotricosine-1,7,20,21(4H,23H)-tetrone)monohydrate. Prograf; FK-506; FR-900506. Immunosuppressant. [monohydrate]: mp = 127-129°; $[\alpha]_D^{23} = -84.4^\circ$ ($c = 1.02 \text{ CHCl}_3$); soluble in MeOH, EtOH, Me_2CO , EtOAc, CHCl_3 ; Et_2O ; sparingly soluble in C_6H_{14} , petroleum ether; insoluble in H_2O ; LD_{50} (mus ip) > 200 mg/kg, (mrat iv) = 57 mg/kg, (mrat orl) = 134 mg/kg, (frat iv) = 23.6 mg/kg, (frat orl) = 194 mg/kg. *Fujisawa USA, Inc.*

8462 Tresperimus

160677-67-8

 $\text{C}_{17}\text{H}_{37}\text{N}_7\text{O}_3$

[4-[(3-Aminopropyl)amino]butyl]carbamic acid ester with N-(6-guanidinoethyl)glycolamide. LF-08-0299. Analog of gusperimus, an immunosuppressant.

Insulin Sensitizers**8463 Pioglitazone**

111025-46-8

7605

 $\text{C}_{19}\text{H}_{20}\text{N}_2\text{O}_3\text{S}$

(±)-5-[p-[2-[(5-Ethyl-2-pyridyl)ethoxy]benzyl]-2,4-thiazolidinedione.

AD-4833. Insulin sensitizer. Antidiabetic agent. mp = 183-184°. *Takeda.*

8464 Pioglitazone Hydrochloride

112529-15-4

7605

 $\text{C}_{19}\text{H}_{21}\text{ClN}_2\text{O}_3\text{S}$

(±)-5-[p-[2-[(5-Ethyl-2-pyridyl)ethoxy]benzyl]-2,4-thiazolidinedione monohydrochloride.

U-72107A. Insulin sensitizer. Antidiabetic agent. mp = 193-194°. *Takeda.*

8465 Troglitazone

97322-87-7

9898

 $\text{C}_{24}\text{H}_{27}\text{NO}_5\text{S}$

(±)-all rac-5-[p-[[6-Hydroxy-2,5,7,8-tetramethyl-2-chromanyl)methoxy]benzyl]-2,4-thiazolidinedione.

CS-045; CI-991; GR-92132X; rosiglitazone. Insulin sensitizer. Antidiabetic agent. mp = 184-186°. *Pfizer Inc.; Sankyo.*

Ion Exchangers**8466 Carbacrylic Resins**

1824

Cross-linked polyacrylic polycarboxylic ion exchange resins.

8467 Cholestyramine Resin

11041-12-6

2257

Cholestyramine resin.

colestyramine; Cholybar; Duolite AP-143 Resin; Questran; Questran Light; Dowex 1-X2-Cl; MK-135; Cuemid; Quantalan. Ion exchange resin, binds bile acids and is used as a hypolipidemic agent. Ion exchange resin; insoluble in H_2O , organic solvents. *Parke-Davis; Rohm & Haas; Bristol Labs.*

8468 Colestipol

26658-42-4

2538

N-(2-Aminoethyl)-N'-[(2-aminoethyl)amino]ethyl-1,2-ethanediamine polymer with (chloromethyl)oxirane. Hypolipidemic agent. *Pharmacia & Upjohn, Inc.*

8469 Colestipol Hydrochloride

37296-80-3

2538

N-(2-Aminoethyl)-N'-[(2-aminoethyl)amino]ethyl-1,2-ethanediamine polymer with (chloromethyl)oxirane hydrochloride salt.

U-26597A; Cholestabyl; Lestid; Colestid. Hypolipidemic agent. A basic anion-exchange resin, highly cross-linked and insoluble; antihyperlipoproteinemic. LD_{50} (rat orl) > 1000 mg/kg, (rat ip) > 4000 mg/kg. *Pharmacia & Upjohn, Inc.*

8470 Polidexide

9064-92-0

7716

Dextran 2-(diethylamino)ethyl 2-[[2-(diethylamino)ethyl]-diethylammonio] ethyl ether sulfate epichlorohydrin cross-linked.

sephadex 2-(diethylamino)ethyl ether; PDX chloride; DEAE Sephadex; Sechlolex. An anion exchange resin containing quaternary ammonium groups which reduces serum cholesterol by binding bile acids in the intestine,

facilitating their excretion. *Pharmacia*.

8471 Resodec

9012-13-9

8321

A polycarboxylic cation exchange resin.

Intended to remove sodium from the contents of the intestinal tract.

8472 Sodium Polystyrene Sulfonate

9003-59-2

8815

Sulfonated divinylbenzene copolymer with styrene sodium salt.

Amberlite IRP-69 Resin; Kayexalate. Can remove potassium ions selectively. *Rohm and Haas Co. Sterling Winthrop, Inc.*

Keratolytics**8473 Alcloxa**

1317-25-5

215-262-3

 $C_4H_9Al_2ClN_4O_7$

Chlorotetrahydroxy[(2-hydroxy-5-oxo-2-imidazolin-4-yl)-ureato]dialuminum.

aluminum chlorhydroxy allantoinate; ALCA; RC-173; 198. Astringent and keratolytic. *ICI Americas Inc.*

8474 Aldioxa

5579-81-7

224

226-964-4

 $C_4H_7AlN_4O_5$

Dihydroxy[(2-hydroxy-5-oxo-2-imidazolin-4-yl)-ureato]aluminum.

aluminum dihydroxy allantoinate; ALDA; RC-172; Alanetorin; Alusa; Arlanto; Ascomp; Chlokale; Isalon; Nische; Peptilate; 198. Astringent and keratolytic. Antiulcerative. mp = 230°, insoluble in polar and non-polar solvents. *ICI Americas Inc.*

8475 Benzoyl Peroxide

94-36-0

1149

202-327-6

 $C_{14}H_{10}O_4$

Dibenzoyl peroxide.

Acne-Aid Cream; Benoxyl; Benzac; Benzac W, Brevoxyl; Clear By Design; Dry and Clear; EpiClear; Fostex BPO Bar, Gel and Wash; Loroxyde; PanOxyl; Persa-Gel; Vanoxide; NSC-675; Acetoxyl; Acnegel; Akneroxid L; Benzaknen; Oxy-5; Oxy-L; Peroxyderm; Peroxydex; Presadox; Sanoxit; Xerac BP 5; Xerac BP 10; 93; 137; 171; 276; 337; 323; 336; 380; 382; k557. Keratolytic. mp = 103-106°; sparingly soluble in H₂O, EtOH; soluble in C₆H₆, CHCl₃, Et₂O, CS₂ (2.5 g/100 ml), olive oil (2 g/100 ml). *Stiefel Labs., Inc.; Galderma Labs., Inc.; SmithKline Beecham Pharmaceuticals; Whitehall-Robins; Bristol Myers Squibb Pharmaceuticals Ltd.; Nippon Shinyaku; Dermik Labs., Inc.; Ortho Pharmaceutical Corp.; Westwood-Squibb Pharmaceuticals, Inc.; Sterling Winthrop, Inc.*

8476 cis-Retinoic Acid

4759-48-2

8333

225-296-0

 $C_{20}H_{28}O_2$

3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-cis-4-trans-6-trans-8-trans-nonatetraenoic acid.

13-cis-Retinoic acid; Isotretinoin; Accutane; Roaccutane; Isotrex; Tasmara; Ro-4-3780; 193. Keratolytic. mp = 174-175°; λ_m = 354 nm (ε 39800); LD₅₀ (20 day) (mus ip) =

904 mg/kg, (mus orl) = 3389 mg/kg, (rat ip) = 901 mg/kg, (rat orl) > 4000 mg/kg. *Hoffmann-LaRoche Inc.; BASF.*

8477 Dibenzothiophene

132-65-0

205-072-9

 $C_{12}H_8S$

Dibenzothiophene.

Keratolytic.

8478 Dichloroacetic Acid

79-43-6

3100

201-207-0

 $C_2H_2Cl_2O_2$

Dichloroethanoic acid.

DCA. Keratolytic. bp = 193-194°; d₄²⁰ = 1.563; two crystalline forms, mp = 9.7° and -4°; soluble in H₂O, EtOH, Et₂O; LD₅₀ (rat orl) = 2820 mg/kg; [ethyl ester (C₄H₆Cl₂O₂)]: bp = 158.3-158.7°; d₄²⁰ = 1.282; slightly soluble in H₂O; soluble in EtOH, Et₂O.

8479 Etarotene

87719-32-2

 $C_{25}H_{32}O_2S$

6-[(E)-p-(Ethylsulfonyl)-α-methylstyryl]-1,2,3,4-tetrahydronaphthalene.

Ro-15-1570/000; 193. Keratolytic. *Hoffmann-LaRoche Inc.*

8480 Motretinide

56281-36-8

6367

260-094-6

 $C_{23}H_{31}NO_2$

all-trans-N-Ethyl-9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatetraenamide.

Tasmaderm; Ro-11-1430; 193. Keratolytic. Used to treat acne. mp = 179-180°. *Hoffmann-LaRoche Inc.*

8481 Picotrin Diolamine

64063-83-8

 $C_{29}H_{40}N_2O_4$

5-Tritylpicolinic acid compound with 2,2'-imidodiethanol.

Sch-19741; 309. Keratolytic. *Schering Corp.*

8482 Resorcinol

108-46-3

8323

203-585-2

 $C_6H_6O_2$

1,3-Benzenediol.

Resorcin; m-dihydroxybenzene; component of: Acnomel, Rezamid, Sulforcin; 137; 171; 254. Keratolytic. mp = 109-111°; bp = 280°; d = 1.272; soluble in H₂O (111.1 g/100 ml at 20°, 500 g/100 ml at 80°), EtOH (111.1 g/100 ml); freely soluble in Et₂O, glycerol; slightly soluble in CHCl₃. *Menley & James Labs., Inc.; Dermik Labs., Inc.; Galderma Labs., Inc.*

8483 Resorcinol Monoacetate

102-29-4

8323

203-022-0

 $C_8H_8O_3$

1,3-Benzenediol monoacetate.

Euresol; 226. Keratolytic and antiseborrheic. bp ≅ 283° (dec); insoluble in H₂O; soluble in EtOH, C₆H₆, Me₂CO, CHCl₃. *Knoll Pharmaceutical Co.*

8484 Retinoic Acid

302-79-4 8333 206-129-0
 $C_{20}H_{28}O_2$
 all-trans-Retinoic acid.
 Tretinoin; Tretinoin 25WM; Retin-A; Vesanoid; NSC-122578; Aberel; Airol; Aknoten; Cordes Vas; Dermairol; Epi-Aberel; Eudyna; Vesnaroid; 193. Keratolytic. mp = 180-182°; λ_m = 351 nm (ϵ 45000 MeOH); LD₅₀ (10 day) (mus ip) = 790 mg/kg, (mus orl) = 2200 mg/kg, (rat ip) = 790 mg/kg, (rat orl) = 2000 mg/kg. *Hoffmann-LaRoche Inc.*

8485 Salicylic Acid

69-72-7 8484 200-712-3
 $C_7H_6O_3$
 2-Hydroxybenzoic acid.
 Advanced Pain Relief Callus Removers; Advanced Pain Relief Corn Removers; Clear away Wart Remover; Compound W; Dr. Scholl's Callus Removers; Dr. Scholl's Corn Removers; Dr. Scholl's Wart Remover Kit; Duofil Wart Remover; Duoplant; Freezone; Ionil; Ionil Plus; Salicylic Acid Soap; Saligel; Stri-Dex; component of: Domerine, Fostex Medicated Bar and Cream, Keralyt, Pernox, Salicylic Acid & Sulfur Soap, Sebucare, Sebulex, Solarcaine First Aid Spray; 51; 171; 311; 334; 337; 380; k537; k557. Keratolytic. *Schering-Plough HealthCare Products; Whitehall-Robins; Stiefel Labs., Inc.; Galderma Labs., Inc.; Sterling Health U.S.A.; Bayer AG; Nippon Shinyaku; Westwood-Squibb Pharmaceuticals, Inc.*

8486 Sumarotene

105687-93-2
 $C_{24}H_{30}O_2S$
 1,2,3,4-Tetrahydro-1,1,4,4-tetramethyl-6-[(E)- α -methyl-p-(methylsulfonyl)styryl]naphthalene.
 Ro-14-9706/000; 193. Keratolytic. *Hoffmann-LaRoche Inc.*

8487 Tazarotene

118292-40-3 9249
 $C_{21}H_{21}NO_2S$
 Ethyl 6-[(4,4-dimethylthiochroman-6-yl)ethynyl]-nicotinate.
 Zorac; AGN-190168; 16. Keratolytic. White solid. *Allergan, Inc.*

8488 Tetroquinone

319-89-1 9385 206-275-5
 $C_6H_4O_6$
 2,3,5,6-Tetrahydroxy-2,5-cyclohexadien-1,4-dione.
 HPEK-1; THQ; NSC-112931; Kelox. Systemic keratolytic. Freely soluble in EtOH, hot H₂O; slightly soluble in Et₂O, cold H₂O.

Lactation Stimulating Hormones**8489 Prolactin**

9002-62-4 7961
 Pituitary lactogenic hormone.
 adenohipophysial luteotropin; Anterior pituitary luteotropin; lactogen; Galactin; mammotropin; luteotropic hormone; luteotropin; LTH; Ferolactan. Polypeptide hormone of molecular weight 23,000 responsible for induction of lactation in mammas at parturition. $[\alpha]_D^{25}$ = -40.5 (c = 1 in buffer at pH 7); poorly

soluble in H₂O (0.01 g/100 ml); forms a water-soluble hydrochloride salt.

8490 Somavubove

126752-39-4
 $C_{976}H_{1533}N_{265}O_{286}S_8$
 127-L-Leucine growth hormone (ox).
 recombinantly derived bovine somatotropin. Recombinant bovine growth hormone. Galactopoietic agent (veterinary). *Upjohn Ltd.*

Laxatives/Cathartics**8491 Agar**

9002-18-0 182 232-658-1
 Polysaccharide complex extracted from the agarocytes of algae of the *Rhodophyceae*.
 Agar-agar; gelose; Japan Agar; Bengal Isinglass; Ceylon Isinglass; Chinese Isinglass; Japan Isinglass; Layor Carang. Suspending agent, used as a pharmaceutical aid.
 Laxative-cathartic. Powder; insoluble in cold H₂O, EtOH; slowly soluble in hot H₂O; a 1% solution forms a stiff jelly on cooling.

8492 Aloe-Emodin

481-72-1 313 207-571-7
 $C_{15}H_{10}O_5$
 1,8-Dihydroxy-3-(hydroxymethyl)-9,10-anthracenedione. 3-hydroxymethylchrysazine; rhabarberone; Found as the glycoside in rhubarb, senna and various species of aloe. Laxative-cathartic. mp = 223-224°; freely soluble in hot EtOH, Et₂O, C₆H₆, NH₄OH, H₂SO₄; [trimethyl ether (C₁₈H₁₆O₅)]: mp = 163°; [triacetate (C₂₁H₁₆O₈)]: mp = 175-177°.

8493 Aloin

1415-73-2 314 215-808-0
 $C_{20}H_{14}O_4$
 10- β -D-Glucopyranosyl-1,8-dihydroxy-3-hydroxymethyl-9(10H)-anthrone.
 barbaloin. Laxative-cathartic. mp = 148-149°; at 18°, soluble in C₅H₅N (57 g/100 ml), AcOH (7.3 g/100 ml), MeOH (5.4 g/100 ml), Me₂CO (3.2 g/100 ml), MeOAc (2.8 g/100 ml), EtOH (1.9 g/100 ml), H₂O (1.8 g/100 ml), EtOAc (0.78 g/100 ml), iPrOH (0.27 g/100 ml); very slightly soluble in iBuOH, CHCl₃, CS₂, Et₂O.

8494 Bisacodyl

603-50-9 1282 210-044-4
 $C_{22}H_{19}NO_4$
 4,4'-(2-Pyridylmethylene)diphenol diacetate.
 Correctol Tablets; Correctol Caplets; Dulcolax; Feen-a-Mint Tablets; SK-Bisacodyl; Theralax; Bicol; Broxalax; Contralax; DAMP; Dulcolan; Durolax; Endokolat; Eulaxan; Godalax; Laxadin; Laxanin N; Laxorex; Nigalax; Perilax; Pyrilax; Stadalax; Telemin; Ulcol. Laxative-cathartic. mp = 138°; insoluble in H₂O, alkaline solutions; soluble in acids, EtOH, Me₂CO, propylene glycol; LD₅₀ (rat orl) > 3000 mg/kg. *Boehringer Ingelheim Pharmaceuticals, Inc.; Schering-Plough HealthCare Products; SmithKline Beecham Pharmaceuticals; Thomae.*

8495 Bisacodyl Tannex

1336-29-4 1282
 4,4'-(2-Pyridylmethylene)diphenol diacetate (ester)
 complex with tannic acid.
 Bisacodyl Complex with Tannin; Water-soluble complex
 of Bisacodyl and tannic acid; Clysodrast. Laxative-
 cathartic. *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

8496 Bisoxatin

17692-24-9 1337
 $C_{22}H_{17}NO_5$
 2,2-Bis(p-hydroxyphenyl)-2H-1,4-benzoxazin-3(4H)-one.
 Laxative-cathartic. *Wyeth-Ayerst Labs.*

8497 Bisoxatin Acetate

14008-48-1 1337 237-820-5
 $C_{24}H_{19}NO_6$
 2,2-Bis(p-hydroxyphenyl)-2H-1,4-benzoxazin-3(4H)-one
 acetate.
 Wy-8138; Laxonalin; Maratan; Talsis; Tasis. Laxative-
 cathartic. mp = 190°; LD₅₀ (rat orl) = 8000 mg/kg, (mus
 orl) > 10000 mg/kg. *Thomae; Wyeth-Ayerst Labs.*

8498 Calcium Polycarbophil

9003-97-8 1744
 Calcium salt of a loosely cross-linked, hydrophilic resin of
 the polycarboxylic type.
 Mitrolan; Noveon CA-1; Noveon CA-2; Sorboquel; WL
 140; Carbofil; Quival. Laxative-cathartic. *Robins, A.H.*
Co.; Goodrich, B.F., Co.; Schering Corp.

8499 Calomelol

8011-82-3 1768
 Colloidal calomel.
 Soluble calomel; A mixture of 80% HgCl and 20%
 proteins. Laxative-cathartic. Slightly soluble in H₂O;
 insoluble in EtOH, Et₂O.

8500 Carlsbad Salt, Artificial

8007-49-6 1890
 A mixture of 1 part K₂SO₄, 9 parts NaCl, 18 parts
 NaHCO₃ and 22 parts anhydrous Na₂SO₄.
 Laxative-cathartic.

8501 Casanthranol

8024-48-4 1929
 A purified mixture of anthranol glycosides derived from
Cascara sagrada.
 Cantralax; Peristim; component of: D-S-S Plus, Peri-
 Colace, Casakol. Laxative-cathartic. *Roberts*
Pharmaceutical Corp.; Hoffmann-LaRoche Inc.; Parke-
Davis.

8502 Castor Oil

8001-79-4 1946 232-293-8
 Triglyceride of fatty acids (ricinoleic, oleic, linoleic,
 palmitic, stearic and dihydroxystearic acids).
 Ricinus oil; oil of Palma Christi; tangantangan oil;
 Neoloid. Laxative-cathartic. $d_{15.5}^{15.5} = 0.961 - 0.963$;
 miscible with EtOH, MeOH, Et₂O, CHCl₃, AcOH.

8503 Cellulose Ethyl Hydroxyethyl Ether

9004-58-4 2014
 Ethyl 2-hydroxyethyl ether cellulose.
 ethyl hydroxyethyl cellulose; Etulos. Laxative-cathartic.

8504 Colocynthin

1398-78-3 2551 215-745-9
 $C_{38}H_{54}O_{13}$
 25-(Acetyloxy)-2-(β-D-glucopyranosyloxy)-16,20-
 dihydroxy-9-methyl-19-norlanosta-1,5,23-triene-3,11,22-
 trione.
 2-O-β-D-glucopyranosylcucurbitacin E. Laxative-
 cathartic. mp = 158-160°; [α]_D = 50° (c = 0.4 EtOH); λ_m
 234-236 nm (log ε 4.11); soluble in EtOH, Me₂CO,
 CHCl₃; slightly soluble in Et₂O, H₂O.

8505 Danthron

117-10-2 2878 204-173-5
 $C_{14}H_8O_4$
 1,8-Dihydroxyanthraquinone.
 chrysazin; dantron; Altan; Antrapurol; Diaquone;
 Dorbane; Istizin; Modane. Laxative-cathartic. mp = 193-
 197°; λ_m 430 250 nm (log ε 4.35, 4.60); almost insoluble
 in H₂O (0.000156 g/100 ml at 25°); soluble in EtOH 0.05
 g/100 ml, Et₂O (0.2 g/100 ml); soluble in CHCl₃; soluble
 in AcOH (10 g/100 ml at 75°; slightly soluble in alkaline
 solutions (0.8 g/100 ml of 0.5N NaOH); LD₅₀ (mus ip) =
 500 mg/kg.

8506 Docusate Calcium

128-49-4 3459 204-889-8
 $C_{40}H_{74}CaO_{14}S_2$
 1,4-Bis(2-ethylhexyl)sulfosuccinate calcium salt.
 Surfak; component of: Doxidan. Laxative-cathartic.
 Soluble in mineral and vegetable oils, polyethylene
 glycol; insoluble in glycerol. *Hoechst-Roussel*
Pharmaceuticals Inc.

8507 Docusate Potassium

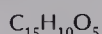
7491-09-0 3460 231-308-5
 $C_{20}H_{37}KO_7S$
 1,4-Bis(2-ethylhexyl)sulfosuccinate potassium salt.
 Rectalad Enema. Laxative-cathartic. *Wallace Labs.*

8508 Docusate Sodium

577-11-7 3460 209-406-4
 $C_{20}H_{37}NaO_7S$
 1,4-Bis(2-ethylhexyl)sulfosuccinate sodium salt.
 Colace; Correctol Stool Softener Laxative; Dialose;
 Doxinate; D.S.S.; Modane Soft; Molofac; Aerosol OT;
 Comfolax; Coprola; Dioctylal; Dioctyl; Diotilan;
 Disonate; Disposaject; Doxol; Dulcivac; Jamylène;
 Molatoc; Molcer; Nevax; Regutol; Soliwax; Velmol;
 Waxsol; Yal; component of: Correctol Caplets, Correctol
 Tablets, Dialose Plus, Dorbantil, Doxan, D-S-S Plus,
 Feen-a-Mint Pills, Geriplex, Laxcaps, Modane Plus, Peri-
 Colace, Phillips Gelcaps, Senokap DSS, Senokot S,
 Unilax. Laxative-cathartic. Soluble in H₂O (1.5 g/100 ml
 at 25°, 2.3 g/100 ml at 40°, 3.0 g/100 ml at 50°, 5.5 g/100
 ml at 70°), CCl₄, petroleum ether, naphtha, xylene,
 dibutyl phthalate, liquid petrolatum; Me₂CO, EtOH,
 vegetable oils; very soluble in H₂O + EtOH or H₂O-
 miscible solvents. *3M Pharmaceuticals; Purdue Pharma*
L.P.; Roberts Pharmaceutical Corp.; Bristol-Myers Squibb
Pharmaceutical Res. and Dev.; Hoechst-Roussel
Pharmaceuticals Inc.; Johnson & Johnson-Merck
Consumer Pharmaceuticals; Mallinckrodt, Inc.; Parke-
Davis; Savage Labs.; Schering-Plough Health Care
Products; Sterling Health U.S.A.; Ascher, B.F. & Co.

8509 Emodin

518-82-1 3602 208-258-8



1,3,8-Trihydroxy-6-methyl-9,10-anthracenedione.
frangula emodin; rheum emodin; archin; frangulic acid;
Occurs as the rhamnoside in rhubarb. Laxative-cathartic.
mp = 256-257°; λ_m 222, 252, 265, 289, 437 nm (log ϵ 4.55, 4.26, 4.27, 4.34, 4.10 EtOH); insoluble in H₂O;
soluble in EtOH and alkline solutions; soluble at 25° in
Et₂O (0.14 g/100 ml), CHCl₃ (0.071 g/100 ml), CCl₄ (0.01
g/100 ml), CS₂ (0.009 g/100 ml) C₆H₆ (0.041 g/100 ml);
[3-methyl ether (C₁₆H₁₂O₅; rheochrysidin; physcione;
parietin)]: mp = 207°.

8510 Frangulin

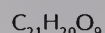
60529-33-1 4288

Franguloside.

avornin; Cascarin; Consists mainly of two glycoisdes,
Frangulin A and Frangulin B. Laxative-cathartic.

8511 Frangulin A

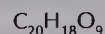
521-62-0 4288 208-316-2



1,3,8-Trihydroxy-6-methylanthraquinone-1-rhamnoside.
emodin-1-rhamnoside; rhamnoxanthin. Laxative-cathartic.
mp = 228°; λ_m 225, 264, 282, 300, 430 nm (log ϵ 4.52,
4.28, 4.15, 3.97, 4.05).

8512 Frangulin B

14101-04-3 4288 237-953-9

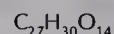


6-O-(D-Apiofuranosyl)-1,6,8-trihydroxy-3-
methylanthraquinone.

Laxative-cathartic. mp = 196°.

8513 Glucofrangulin

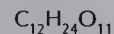
52731-38-1 4460



Erbalax N; Irgalax; Anthraquinone glycoside from bark of
the alder buckthorn. Consists of two isomers,
glucofrangulin A and B, which differ in the linkage
between the sugar and the 3 position of the aglycone.
Laxative-cathartic. [glucofrangulin A ocatacetate
(C₄₃H₄₆O₂₂): mp = 228-230°; $[\alpha]_D^{20}$ = -124° (c = 1.16
Me₂CO); λ_m 212, 264, 360 nm (log ϵ 4.57, 4.56, 4.26).

8514 Lactitol

585-86-4 5352 209-566-5



4-O-β-D-Galactopyranosyl-D-glucitol.

lactit; lactit M; lactite; lactiobiosit; lactosit; lactositol.
Sweetener. Laxative-cathartic. mp = 146°; $[\alpha]_D^{23}$ = 14° (c =
4 H₂O); soluble in H₂O, DMSO, DMF; slightly soluble in
EtOH, Et₂O.

8515 Lactitol Dihydrate

81025-03-8 5352

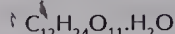


4-O-β-D-Galactopyranosyl-D-glucitol dihydrate.

Lacty. Sweetener. Laxative-cathartic. mp = 75°; $[\alpha]_D^{25}$ =
13.5° - 15.0°; soluble in H₂O (140 g/100 ml at 25°).

8516 Lactitol Monohydrate

81025-04-9 5352

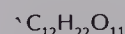


4-O-β-D-Galactopyranosyl-D-glucitol monohydrate.

Importal; Portolac. Sweetener. Laxative-cathartic. mp =
94-97°, 120°; $[\alpha]_D^{22}$ = 12.3°; soluble at 25° in H₂O (206
g/100 ml), EtOH (0.75 g/100 ml), Et₂O (0.4 g/100 ml),
DMSO (233 g/100 ml), DMF (39 g/100 ml), 50° H₂O (512
g/100 ml), EtOH (0.88 g/100 ml), 75° H₂O (917 g/100
ml).

8517 Lactulose

4618-18-2 5360 225-027-7

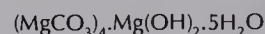


4-O-β-D-Galactopyranosyl-D-fructofuranose.

Bifital; Cephulac; Duphalac; Generlac; Lactuflo;
Laevilac; Normase. Laxative-cathartic. mp = 169°; soluble
in H₂O (76.4 g/100 ml at 30°, 81.0 g/100 ml at 60°, >86
g/100 ml at 90°).

8518 Magnesium Carbonate Hydroxide

39409-82-0 5696



Carbonic acid magnesium salt (1:1) mixture with
magnesium hydroxide hydrate.

Marinco C; component of: Bufferin Arthritis Styrength,
Bufferin Extra Strength, Bufferin Regular, Maalox HRF.
Laxative-cathartic. Slightly soluble in H₂O (0.03 g/100
ml), insoluble in EtOH. *Bristol-Myers Squibb
Pharmaceutical Res. and Dev; Rhône-Poulenc Rorer
Pharmaceuticals Inc.*

8519 Magnesium Chloride

7786-30-3 5698 232-094-6



Hydrochloric acid magnesium salt (2:1) hexahydrate.

Magnogene. Electrolyte replenisher. Laxative-cathartic.
mp = 118°; d = 1.56; very soluble in H₂O (166 g/100 ml
at 20°, 333 g/100 ml at 100°), EtOH (50 g/100 ml); LD₅₀
(rat orl) = 8100 mg/kg.

8520 Magnesium Citrate

3344-18-1 5699 222-093-9



Hydroxy-1,2,3-propanetricarboxylic acid magnesium salt (2:3).

Citramag. Laxative-cathartic. [tetradecahydrate]: soluble
in H₂O.

8521 Magnesium Hydroxide

1309-42-8 5706 215-170-3



Magnesium hydroxide.

Marinco H; Betalgit; Lederscon; Mucaine; Muthesa;
Oxaine M; Phillips Magnesia Tablets; Phillips Milk of
Magnesia Liquid; Simeco; Tepilta; component of: Arthritis
Pain Formula Maximum Strength, Ascriptin, Calcitrel,
Camalox, Di-Gel Liquid, Di-Gel Tablets, Gelusil, Haley's
MO, Kestyomatin, Kudrox, Maalox, Maalox Pls, Mylanta
gelcaps, Mylanta Liquid, Mylanta Tablets, Simeco
Suspension, Wingel; 219; 236; 283; 296; 311; 312; 334;
336; k537. Laxative-cathartic. Insoluble in H₂O, soluble
in dilute acids.

8522 Magnesium Lactate

18917-93-6 5708 242-671-4



2-Hydroxypropanoic acid magnesium salt.

Laxative-cathartic. Soluble in H_2O (4 g/100 ml at 25°, 28.6 g/100 ml at 100°), slightly soluble in EtOH.**8523 Magnesium Phosphate, Dibasic**

7757-86-0 5718 231-823-5



Magnesium hydrogen phosphate.

secondary magnesium phosphate. Laxative-cathartic. White crystalline powder, $d = 2.13$; slightly soluble in H_2O , soluble in dilute acids.**8524 Magnesium Sulfate**

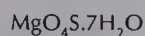
7487-88-9 5731 231-298-2



Sulfuric acid magnesium salt (1:1).

Laxative-cathartic. *Astra USA, Inc.; Kendall McGaw Inc.***8525 Magnesium Sulfate Heptahydrate**

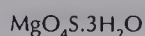
10034-99-8 5731



Sulfuric acid magnesium salt (1:1) heptahydrate.

bitter salts, Epsom salts. Anticonvulsant, electrolyte replenisher. Laxative-cathartic. $d = 1.67$; soluble in H_2O (71 g/100 ml at 20°, 91 g/100 ml at 40°), slightly soluble in EtOH. *Astra USA, Inc.; Kendall McGaw Inc.***8526 Magnesium Sulfate Trihydrate**

15320-30-6 5731



Sulfuric acid magnesium salt (1:1) trihydrate.

Laxative-cathartic. Colorless crystalline material. *Astra USA, Inc.; Dow Chemical U.S.A.; Kendall McGaw Inc.***8527 Mercurous Chloride**

10112-91-1 5951



Hydrochloric acid mercury salt (1:1).

calomel; mild mercury chloride; mercury monochloride; mercury protochloride; mercury subchloride; précipité blanc; Calogreen. Laxative-cathartic. $d = 7.15$; insoluble in H_2O , EtOH, Et_2O .**8528 Mercury Mass**

7439-97-6 5958

blue pill; blue mass; A mixture of honey; licorice; althea, glycerol, some mercury oleate and 32-34% metallic mercury. Laxative-cathartic.

8529 Oxyphenisatin Acetate

115-33-3 7108 204-083-6



3,3-Bis(p-hydroxyphenyl)-2-indolinone diacetate (ester).

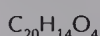
Isocrin; Lavema; NSC-59687; diphesatin; Isacen; Isaphen; Laxo-Isatin; Promassolax; Sanapert; Bydolax; Cirotlyl; Lisagal; Contax; Prulet; Purgaceen; Bisatin. Laxative-cathartic. $mp = 242^\circ$; insoluble in H_2O , Et_2O , dilute HCl; slightly soluble in EtOH. *Parke-Davis; Sterling Winthrop, Inc.***8530 Petrolatum, Liquid**

7327

A mixture of liquid hydrocarbons from petroleum.

liquid paraffin; mineral oil; white mineral oil; paraffin oil; Cleartec; Drakeol; Hevyteck; Kremol; Kaydol; Alboline; Nujol; Paroleine; Saxol; Adepsine oil; Glymol. Laxative-cathartic. d (light oil) = 0.83 - 0.86; d (heavy oil) = 0.875 - 0.905; insoluble in H_2O , EtOH; soluble in C_6H_6 , CHCl_3 , Et_2O , CS_2 , petroleum ether, oils.**8531 Phenolphthalein**

81-90-3 7392 201-384-4



3,3-Bis(p-hydroxyphenyl)phthalide.

Evac-Q-Tabs; Ex-Lax; Modane; Prulet; Chocolax; Darmol; component of Agoral, Alophen, Doxan, Doxidan, Feen-A-Mint Laxative Mints, Laxcaps, Modane Plus, Phillips Gelcaps. Laxative-cathartic. $mp = 258-262^\circ$; $d = 1.299$; soluble in EtOH (8.3 g/100 ml), Et_2O (1 g/100 ml); slightly soluble in CHCl_3 ; insoluble in H_2O ; λ_m 205, 229, 276 nm (ϵ 27261, 14692, 2006 MeOH). *Hoechst-Roussel Pharmaceuticals Inc.; Mission Pharmacal Co.; Parke-Davis; Sandoz Pharmaceuticals Corp.; Savage Labs.; Schering-Plough HealthCare Products; Sterling Health U.S.A.***8532 Phenolphthalol**

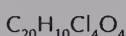
81-92-5 7395 201-386-5



2-[Bis(4-hydroxyphenyl)methyl]benzenemethanol.

Egmol; Regolax. Laxative-cathartic. $mp = 201-202^\circ$; [monoacetate ($\text{C}_{22}\text{H}_{20}\text{O}_4$)] : $mp = 171-174^\circ$; [triacetate ($\text{C}_{26}\text{H}_{24}\text{O}_6$)] : $mp = 104-106^\circ$.**8533 Phenoltetrachlorophthalein**

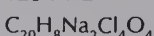
639-44-1 7398 211-354-2



4,5,6,7-Tetrachloro-3,3-bis(4-hydroxyphenyl)-1(3H)-isobenzofuranone.

Laxative-cathartic. Dec $>300^\circ$; insoluble in H_2O , CHCl_3 , C_6H_6 ; soluble in EtOH, Et_2O , Me_2CO , AcOH.**8534 Phenoltetrachlorophthalein Disodium Salt**

128-71-2 7398



4,5,6,7-Tetrachloro-3,3-bis(4-hydroxyphenyl)-1(3H)-isobenzofuranone disodium salt.

Chlor-Tetragnost. Used as a diagnostic aid for hepatic function. Laxative-cathartic. Freely soluble in H_2O .**8535 Picosulfate Sodium**

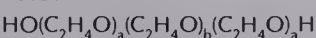
10040-45-6 7559 233-120-9



4,4'-(2-Pyridylmethylene)diphenolbis(hydrogen sulfate) disodium salt.

LA-391; DA-1773; Guttalax-Fher; Laxoberal; Laxoberon; Neopax; Pico-Salax. Laxative-cathartic. $mp = 272-275^\circ$; λ_m 218 262 nm (ϵ 20450, 6075 H_2O); readily soluble in H_2O , slightly soluble in EtOH, insoluble in most organic solvents. *Ist. De Angeli.***8536 Poloxamers**

106392-12-5 7722



Block copolymer of oxirane with methyloxirane.

Lutrol F; Pluracare; Pluronic. Base for ointments or suppositories, surfactant, tablet binder, emulsifying agent or tablet coating agent. Laxative-cathartic. Soluble in

H₂O, (more at lower temperatures), aromatic solvents, chlorinated solvents, Me₂CO, EtOH, propylene glycol, hexylene glycol, butyl cellosolve, butyl carbitol, MEK, cyclohexanone; insoluble in ethylene glycol, kerosene, mineral oil. *BASF Corp.*

8537 Potassium Bisulfate

7646-93-7 7774 231-594-1
HKO₄S
Potassium hydrogen sulfate.
potassium acid sulfate. Laxative-cathartic. d = 2.24; mp = 197°; soluble in H₂O (55.5 g/100 ml at 25°, 117.6 g/100 ml at 100°).

8538 Potassium Bitartrate

868-14-4 7776 212-769-1
C₄H₅KO₆
[R-(R*,R*)]-2,3-Dihydroxybutanedioic acid
monopotassium salt.
cream of tartar; cremor tartari; faecula; faecula. Laxative-cathartic. Soluble in H₂O (0.62 g/100 ml at 25°, 6.25 g/100 ml at 100°), EtOH (0.011 g/100 ml), dilute mineral acids, alkaline solutions.

8539 Potassium Phosphate, Dibasic

7758-11-4 7828 231-834-5
HK₂O₄P
Dipotassium hydrogen phosphate.
Isolyte; dikalium phosphate; DKP. Calcium regulator. Laxative-cathartic. Very soluble in H₂O (150 g/100 ml at 25°). *Kendall McGaw Inc.*

8540 Potassium Sodium Tartrate

304-59-6 7840 206-156-8
C₄H₄KNaO₆·4H₂O
[R-(R*,R*)]-2,3-Dihydroxybutanedioic acid
monopotassium monosodium salt tetrahydrate.
Rochelle salt; Seignette salt. Laxative-cathartic. d = 1.79; mp = 78-80°; soluble in H₂O (111 g/100 ml), insoluble in EtOH.

8541 Potassium Sulfate

7778-80-5 7845 231-915-5
K₂O₄S
Sulfuric acid potassium salt.
Sal polychrestum; arcanum duplicatum; tartarus vitriolatus. Laxative-cathartic. d = 2.66; mp = 1067°; soluble in H₂O (12 g/100 ml at 25°, 25 g/100 ml at 100°), glycerol (1.3 g/100 ml); insoluble in EtOH.

8542 Potassium Sulfite

10117-38-1 7847 233-321-1
K₂O₃S
Laxative-cathartic. Soluble in H₂O (28.5 g/100 ml), slightly soluble in EtOH.

8543 Potassium Tartrate

921-53-9 7849 213-067-8
C₄H₄K₂O₆
soluble tartar. Laxative-cathartic. d = 1.98; soluble in H₂O (200 g/100 ml), slightly soluble in EtOH.

8544 Psyllium Husk

7674

The seed from *Plantago ovata* Forsk., *Plantaginaceae* (Indian Plantago).

Plantago seed; Plantain seed; Flea seed; Hydrocil Instant; Modane Bulk; Mylanta Fiber; Syllact; Metamucil; Seratan; Fibrolax; Fibrogel; Isogel; Regular; Effer-Syllium; Fiberall; component of: Perdiem, Perdiem Fiber. Laxative-cathartic. *Johnson & Johnson-Merck Consumer Pharmaceuticals*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *Savage Labs.*; *Solvay Pharmaceuticals*; *Carter-Wallace.*

8545 Seidlitz Mixture

8014-63-9 8567
A mixture of 3 parts Rochelle salt and 1 part sodium bicarbonate; a Seidlitz powder consists of 10 g of the mixture with 2.17g tartaric acid.
Laxative-cathartic.

8546 Senna

8599

Dried leaves from various plants such as *Cassia senna*. Senokot; Perdiem. Laxative-cathartic. *Purdue Pharma L.P.*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*

8547 Sennoside A

81-27-6 8600 201-339-9
C₄₂H₃₈O₂₀
(R*,R*)-5,5'-Bis(β-D-glucopyranosyloxy)-9,9',10,10'-tetrahydro-4,4'-dihydroxy-10,10'-dioxo[9,9'-bianthracene]-2,2'-dicarboxylic acid.
Gentle Nature; Glysenid. Laxative-cathartic. Dec 200-240°; [α]_D²⁰ = -164° (c = 0.1 in 60% Me₂CO), -147° (c = 0.1 in 70% Me₂CO), -24° (c = 0.2 in 70% dioxane); insoluble in H₂O, C₆H₆, Et₂O, CHCl₃; sparingly soluble in MeOH, carbitol, Me₂CO, dioxane; isomerized slowly to Sennoside B in NaHCO₃ solution. *Sandoz Pharmaceuticals Corp.*

8548 Sennoside B

128-57-4 8600 204-895-0
C₄₂H₃₈O₂₀
(R*,S*)-5,5'-Bis(β-D-glucopyranosyloxy)-9,9',10,10'-tetrahydro-4,4'-dihydroxy-10,10'-dioxo[9,9'-bianthracene]-2,2'-dicarboxylic acid.
Laxative-cathartic. Dec 180-186°; [α]_D²⁰ = -100° (c = 0.2 in 70% Me₂CO), -67° (c = 0.4 in 70% dioxane); λ_m 270 308 355 nm (0.5% NaHCO₃); generally more soluble than Sennoside A.

8549 Sodium Phosphate, Dibasic [anhydrous]

7558-79-4 8805
Na₂HPO₄
Disodium hydrogen phosphate.
exsiccated sodium phosphate; component of: Metro I.V. Laxative-cathartic. Soluble in H₂O (12.5 g/100 ml at 25°, much more in hot H₂O), insoluble in EtOH. *Kendall McGaw Inc.*

8550 Sodium Phosphate, Dibasic, Dihydrate

10028-24-7 8805
Na₂HPO₄·2H₂O
Disodium hydrogen phosphate dihydrate.
Sorenson's phosphate; Sorenson's sodium phosphate; component of: Metro I.V. Laxative-cathartic. *Kendall*

McGaw Inc.

8551 Sodium Phosphate, Dibasic, Dodecahydrate

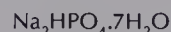
10039-32-4 8805



Disodium hydrogen phosphate dodecahydrate.

component of: Metro I.V. Laxative-cathartic. mp = 34-35°; readily loses 5 moles of H_2O to give the heptahydrate; d = 1.5; soluble in H_2O (33 g/100 ml), insoluble in EtOH. *Kendall McGaw Inc.***8552 Sodium Phosphate, Dibasic, Heptahydrate**

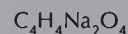
7782-85-6 8805 231-448-7



Disodium hydrogen phosphate heptahydrate.

component of: Metro I.V. Laxative-cathartic. d = 1.7; soluble in H_2O (25 g/100 ml), insoluble in EtOH; LD₅₀ (rat oral) = 12930 mg/kg. *Kendall McGaw Inc.***8553 Sodium Succinate**

150-90-3 8828 205-778-7



Succinic acid disodium salt.

Soduxin. Respiratory stimulant, analeptic, urinary alkaliizer and diuretic. Laxative-cathartic. Soluble in H_2O (20 g/100 ml), insoluble in EtOH; LD₅₀ (mus iv) = 4500 mg/kg.**8554 Sodium Sulfate [anhydrous]**

7757-82-6 8829 231-820-9



Sulfuric acid disodium salt.

component of: Colyte. Calcium regulator Laxative-cathartic. mp = 800°; d = 2.7; soluble in H_2O (50 g/100 ml at 33°; solubility decreases with temperature to 41.6 g/100 ml at 100°); insoluble in EtOH. *Schwarz Pharma Kremers Urban Co.***8555 Sodium Sulfate Decahydrate**

7727-73-3 8829



Sulfuric acid disodium salt decahydrate.

Glauber's salt; component of: Colyte. Calcium regulator Laxative-cathartic. mp = 32.4°; d = 1.46; loses all H_2O at 100°; soluble in H_2O (66 g/100 ml at 25°, 30 g/100 ml at 15°); soluble in glycerol; insoluble in EtOH. *Schwarz Pharma Kremers Urban Co.***8556 Sodium Tartrate**

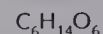
868-18-8 8833 212-773-3



Tartaric acid disodium salt.

Laxative-cathartic. Loses H_2O at 120°; d = 1.82; soluble in H_2O (33 g/100 ml at 25°, 66 g/100 ml at 100°), insoluble in EtOH.**8557 Sorbitol**

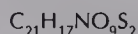
50-70-4 8873 200-061-5



D-Glucitol.

Sorbo; L-gulitol; Cystosol; Resulax; Sorbilax; Sorbitur; Sorbostyl; Sorbilande; component of: Probilagol. Flavor, tablet excipient. Laxative-cathartic. mp = 110-112°; [α]_D²⁰= -2° (H_2O); freely soluble in H_2O (83 g/100 ml); soluble in hot EtOH; less in cold EtOH; soluble in MeOH, iPrOH, BuOH, cyclohexanol, phenol, Me_2CO , AcOH, DMF, $\text{C}_5\text{H}_5\text{N}$, acetamide; insoluble in other organic solvents. *Purdue Pharma L.P.; ICI Americas Inc.; Pfanstiehl Labs.***8558 Sulisatin**

54935-03-4 9156



3,3-Bis(p-hydroxyphenyl)-7-methyl-2-indolinone bis(hydrogen sulfate) (ester).

Stimulates the motility of the large intestine. Laxative-cathartic.

8559 Sulisatin Disodium Salt

54935-04-5 9156 259-399-7



3,3-Bis(p-hydroxyphenyl)-7-methyl-2-indolinone bis(hydrogen sulfate) (ester) disodium salt.

DAN-603; Laxitex. Stimulates the motility of the large intestine. Laxative-cathartic. mp > 360°.

8560 Yellow Phenolphthalein

8053-05-2 10230

A by-product in the manufacture of phenolphthalein; more effective laxative than phenolphthalein.

Feen-A-Mint Gum; component of: Correctol Caplets, Correctol Tablets, Dialose Plus, Feen-A-Mint Pills, Unilax. Laxative-cathartic. d₄²⁰ = 1.290 - 1.296; mp = 255-260°; soluble in EtOH (8.3 g/100 ml), Et₂O (1 g/100 ml). *Johnson & Johnson-Merck Consumer Pharmaceuticals; Schering-Plough HealthCare Products; Ascher, B.F. & Co.*

Leukotriene Antagonists

8561 Ablukast

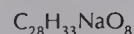
96566-25-5



(±)-6-Acetyl-7-[[5-(4-acetyl-3-hydroxy-2-propylphenoxy)pentyl]oxy]-2-chromancarboxylic acid.

Ro-23-3544/000. Leukotriene antagonist. Used as an anti-asthmatic. *Hoffmann-LaRoche Inc.***8562 Ablukast Sodium**

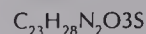
96565-55-8



Sodium (±)-6-acetyl-7-[[5-(4-acetyl-3-hydroxy-2-propylphenoxy)pentyl]oxy]-2-chromancarboxylate.

Ro-23-3544/001; Ulpax. Leukotriene antagonist. Used as an anti-asthmatic. *Hoffmann-LaRoche Inc.***8563 Cinalukast**

128312-51-6



3'-[(E)-2-(4-Cyclobutyl-2-thiazolyl)vinyl]-2,2-diethylsuccinilic acid.

Ro-24-5913. Leukotriene antagonist. Used as an anti-asthmatic. *Hoffmann-LaRoche Inc.***8564 Ibudilast**

50847-11-5 4923

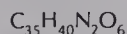


1-(2-Isopropylpyrazolo[1,5-a]pyridin-3-yl)-2-methyl-1-propanone.

KC-404; Ketas. Leukotriene D₄ antagonist. Used as an anti-asthmatic. Also as an antiallergic and a cerebral vasodilator. mp = 53.5-54°; slightly soluble in H₂O, freely soluble in organic solvents; LD₅₀ (mus iv) = 260 mg/kg.

8565 Linetastine

159776-68-8

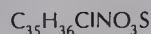


1-[5'-(3-Methoxy-4-ethoxycarbonyloxyphenyl)-2',4'-pentadienoyl aminoethyl]-4-diphenylmethoxypiperidine. TMK-688. Antihistaminic; leukotriene antagonist.

8566 Montelukast

158966-92-8

6340



1-[[[(R)-m-[(E)-2-(7-Chloro-2-quinolyl)vinyl]-α-[o-(1-hydroxy-1-methylethyl)phenyl]benzyl]thio]methyl]-cyclopropane acetic acid.

Leukotriene D₄ antagonist. Used as an anti-asthmatic. Merck & Co., Inc.

8567 Montelukast Sodium

151767-02-1

6340

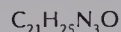


Sodium 1-[[[(R)-m-[(E)-2-(7-chloro-2-quinolyl)vinyl]-α-[o-(1-hydroxy-1-methylethyl)phenyl]benzyl]thio]methyl]-cyclopropane acetate.

Singulair; MK-476. Leukotriene antagonist. Used as an anti-asthmatic. Merck & Co., Inc.

8568 Ontazolast

147432-77-7



2-[[[(S)-2-Cyclohexyl-1-(2-pyridyl)ethyl]amino]-5-methylbenzoxazole.

BIRM-270. Leukotriene antagonist. Used as an anti-asthmatic. Boehringer Ingelheim Pharmaceuticals, Inc.

8569 Pobilukast

107023-41-6

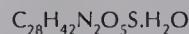


(2S,3R)-3-[(2-Carboxyethyl)thio]-3-[o-(8-phenyloctyl)-phenyl]lactic acid.

Leukotriene antagonist; anti-asthmatic. SmithKline Beecham Pharmaceuticals.

8570 Pobilukast Edamine

137232-03-2



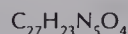
(2S,3R)-3-[(2-Carboxyethyl)thio]-3-[o-(8-phenyloctyl)-phenyl]lactic acid compound with ethylene diamine (1:1) monohydrate.

SK&F-104353-Q. Leukotriene antagonist. Used as an anti-asthmatic. SmithKline Beecham Pharmaceuticals.

8571 Pranlukast

103177-37-3

7889



N-[4-Oxo-2-(1H-tetrazol-5-yl)-4H-1-benzopyran-8-yl]-p-(4-phenylbutoxy)benzamide.

ONO-1078; SB-205312; Onon. Leukotriene antagonist. Used as an anti-asthmatic. mp = 244-245°; LD₅₀ (mmus iv) > 1000 mg/kg.

8572 Ritolukast

111974-60-8

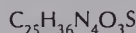


1,1,1-Trifluoro-α-2-quinolylmethanesulfon-m-aniside.

WY-48252. Leukotriene antagonist. Used as an anti-asthmatic. Wyeth-Ayerst Labs.

8573 Sulukast

98116-53-1

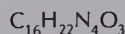


3-[[[(1R,2E,4Z)-1-[(αS)-α-Hydroxy-m-1H-tetrazol-5-yl-benzyl]-2,4-tetradecadienyl]thio]propionic acid.

LY-170680. Leukotriene antagonist. Used as an anti-asthmatic. Eli Lilly & Co.

8574 Tomelukast

88107-10-2



2'-Hydroxy-3'-propyl-4'-[4-(1H-tetrazol-5-yl)butoxy]-acetophenone.

LY-171883. Leukotriene antagonist. Used as an anti-asthmatic. Eli Lilly & Co.

8575 Verlukast

120443-16-5



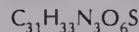
3-[[[(αR)-m-[(E)-2-(7-Chloro-2-quinolyl)vinyl]-α-[2-(dimethylcarbamoyl)ethyl]thio]benzyl]thio]propionic acid.

MK-679; L-668019. Leukotriene antagonist. Used as an anti-asthmatic. Merck & Co., Inc.

8576 Zafirlukast

107753-78-6

10241



Cyclopentyl 3-[2-methoxy-4-[(o-tolylsulfonyl)-carbamoyl]benzyl]-1-methylindole-5-carbamate.

Accolate; ICI-204219. Leukotriene D₄ antagonist. Used as an anti-asthmatic. mp = 138-140°. ICI.

LH-RH Agonists

8577 Buserelin

57982-77-1

1527

261-061-9



6-[O-(1,1-Dimethylethyl)-D-serine]-9-(N-ethylprolinamide)-10-deglycinamideluteinizing hormone-releasing factor (pig).

5-oxoPro-His-Trp-Ser-Tyr-D-Ser(t-Bu)-Leu-Arg-

ProNHCH₂CH₃. LH-RH agonist. Hormonal antineoplastic and gonad-stimulating principle. [α]_D²⁰ = -40.4° (c = 1 dimethylacetamide). Hoechst.

8578 Buserelin Monoacetate

68630-75-1

1527



6-[O-(1,1-Dimethylethyl)-D-serine]-9-(N-ethylprolinamide)-10-deglycinamideluteinizing hormone-releasing factor (pig) monoacetate.

HOE-766; Receptal; Suprecur; Suprefact. LH-RH agonist. Hormonal antineoplastic and gonad-stimulating principle. Hoechst.

8579 Deslorelin

57773-65-6

2968

 $C_{64}H_{83}N_{17}O_{12}$

6-D-Tryptopan-9-(N-ethyl-prolinamide)-10-deglycinamidoluteinizing hormone-releasing actor (pig). 5-oxoPro-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-NHCH₂CH₃; D-Trp⁶,des-Gly¹⁰-LH-RH ethylamide; Soma-gorad. LH-RH agonist. Used in treatment of precocious puberty. $[\alpha]_D^{24} = -61^\circ$ (c = 0.37 0.1M AcOH).

8580 Detirelix

89662-30-6

 $C_{78}H_{105}ClN_{18}O_{13}$

N-Acetyl-3-(2-naphthalenyl)-D-alanyl-4-chloro-D-phenylalanyl-D-tryptophyl-L-seryl-L-tyrosyl-N⁶-[(ethylamino)(ethylimino)methyl]-D-lysyl-L-leucyl-L-arginyll-L-prolyl-D-alaninamide. LH-RH agonist. *Syntex International, Ltd.*

8581 Detirelix Acetate

102583-46-0

 $C_{82}H_{113}ClN_{18}O_{17}$

N-Acetyl-3-(2-naphthalenyl)-D-alanyl-4-chloro-D-phenylalanyl-D-tryptophyl-L-seryl-L-tyrosyl-N⁶-[(ethylamino)(ethylimino)methyl]-D-lysyl-L-leucyl-L-arginyll-L-prolyl-D-alaninamide diacetate (salt). RS-68439. LH-RH agonist. *Syntex International, Ltd.*

8582 Goserelin

65807-02-5

4547

 $C_{59}H_{84}N_{18}O_{14}$

6-[O-(1,1-Dimethylethyl)-D-serine]-10-deglycineanide luteinizing hormone-releasing factor (pig) 2-(amino-carbonyl)hydrazide. D-Ser-(Bu)⁶Azgly¹⁰-gonadorelin; D-Ser-(Bu)⁶Azgly¹⁰-luliberin; ICI-118630; 5-oxoPro-His-Trp-Ser-Tyr-D-Ser(t-Bu)-Lue-Arg-Pro-NHNHCONH₂. LH-RH agonist. Hormonal antineoplastic used to treat prostatic carcinoma. *ICI.*

8583 Histrelin

76712-82-8

4760

 $C_{66}H_{86}N_{18}O_{12}$

6-[1-(Phenylmethyl)-D-histidine]-9(n-ethyl-L-prolinamide)-10-deglycineamide luteinizing hormone-releasing factor (pig). 5-oxo-L-prolyl-L-histidyl-L-tryptophyl-L-seryl-L-tyrosyl-N-benzyl-D-histidyl-L-leucyl-L-arginyll-N-ethyl-L-prolinamide; [(im-Bzl)-D-His⁶,Pro⁹-Net]-gonadotropin-releasing hormone; ORF-17070; RWJ-17070. LH-RH agonist. Used in treatment of precocious puberty. $[\alpha]_D^{20} = -33.9^\circ$ (c = 1 AcOH).

8584 Leuprolide

53714-56-0

5484

 $C_{59}H_{84}N_{16}O_{12}$

6-D-Leucine-9-(N-ethylprolinamide)-10-deglycineamide luteinizing hormone-releasing factor (pig). leuporelin; (D-leu⁶)-des-Gly¹⁰-LH-RH-ethylamide. LH-RH agonist. Hormonal antineoplastic used in treatment of prostatic carcinoma. $[\alpha]_D^{25} = -31.7^\circ$ c = 1 1% AcOH). *Abbott Labs.; Takeda.*

8585 Leuprolide Acetate

74381-53-6

5484

 $C_{61}H_{88}N_{16}O_{14}$

6-D-Leucine-9-(N-ethylprolinamide)-10-deglycineamide luteinizing hormone-releasing factor (pig) monoacetate. leuprolide acetate; Abbott 43818; A-43818; TAP-144; Carcinil; Enantone; Leuplin; Lucrin; Lupron; Prostag. LH-RH agonist.

8586 Lutropin Alfa

152923-57-4

Luteinizing hormone (human α -subunit reduced complex human β -subunit reduced), glycoform α . Luteinizing hormone; LH; interstitial cell stimulating hormone. A pituitary hormone that in the female stimulates development of corpora lutea and contributes to progesterone secretion and in the male stimulates development of interstitial tissue in the testis and secretion of testosterone. Luteolytic.

8587 Nafareline

76932-56-4

6437

 $C_{66}H_{83}N_{17}O_{13}$

6-[3-(2-Naphthalenyl)-D-alanine] luteinizing hormone-releasing factor (pig). 5-oxo-L-prolyl-L-histidyl-L-tryptophyl-L-seryl-L-tyrosyl-3-(2-naphthyl)-D-alanyl-L-leucyl-L-arginyll-L-prolyl-glycinamide; [6-[3-(2-naphthyl)-D-alanine] LHRH; NAG; D-nal(2)⁶-LHRH. LH-RH agonist. Used in treatment of endometriosis. *Syntex International, Ltd.*

8588 Nafareline Acetate Hydrate

86220-42-0

6437

 $C_{66}H_{83}N_{17}O_{13} \cdot xC_2H_4O_2 \cdot yH_2O$

6-[3-(2-Naphthalenyl)-D-alanine]luteinizing hormone-releasing factor (pig) acetate hydrate. RS-94991-298; Nacenyl; Nasanyl; Synarel; Synrelina. LH-RH agonist. *Syntex International, Ltd.*

8589 Teverelix

144743-92-0

 $C_{74}H_{100}ClN_{15}O_{14}$

N-Acetyl-3-(2-naphthyl)-D-alanyl-p-chloro-L-phenylalanyl-3-(3-pyridyl)-D-alanyl-L-seryl-L-tyrosyl-N⁶-carbamoyl-D-lysyl-L-leucyl-L-N⁶-isopropyl-L-lysyl-L-prolyl-D-alaninamide. Antarelix. Potent LH-RH antagonist.

8590 Triptorelin

57773-63-4

9878

 $C_{64}H_{82}N_{18}O_{13}$

6-D-Tryptophan luteinizing hormone-releasing factor (pig). 6-D-tryptophan-LH-RH; D-trp⁶-LHRH; D-Trp⁶LRH; D-trp⁶-gonadorelin; Ay-25650; Wy-42462; Wy-42422. LH-RH agonist. Hormonal antineoplastic used in treatment of prostatic carcinoma. $[\alpha]_D^{23} = -58.8^\circ$ (c = 0.33 AcOH). *Wyeth-Ayerst Labs.*

8591 Triptorelin Acetate

140194-24-7

9878

 $C_{66}H_{86}N_{18}O_{15}$

6-D-Tryptophanluteinizing hormone-releasing factor (pig) acetate. Decapeptyl. LH-RH agonist. Hormonal antineoplastic used in treatment of prostatic carcinoma.

Lipotropics

8592 DL-N-Acetylmethionine

65-82-7 97 200-617-7
 $C_7H_{13}NO_3S$
 N-Acetylmethionine.
 Methionamine. The DL-form is a lipotropic agent. mp = 114-115°; [D-(+)-form]: mp = 104-105°; $[\alpha]_D^{25} = 20.3$ (c = 4 H₂O); [L-(-)-form]: mp = 104 °; $[\alpha]_D^{25} = -20.3^\circ$.

8593 Choline Chloride

67-48-1 2261 200-655-4
 $C_5H_{14}ClNO$
 2-Hydroxy-N,N,N-trimethylethanaminium chloride. Biocolina; Hepacholine; Lipotril. A lipotropic agent. Used in veterinary medicine as a nutritional factor and a dietary source of choline. Very soluble in H₂O, EtOH; LD₅₀ (rat ip) = 400 mg/kg, (rat orl) = 6640 mg/kg.

8594 Choline Dehydrocholate

4201-78-9 2262 224-106-3
 $C_{29}H_{48}NO_6$
 Dehydrocholic acid salt of choline. Biscolan. A lipotropic agent. mp = 196-198°.

8595 Choline Dihydrogen Citrate

77-91-8 2263 201-068-6
 $C_{11}H_{21}NO_8$
 (2-Hydroxyethyl)trimethylammonium citrate. Chothyn; Cirrocolina; Citracholine. A lipotropic agent. Used in veterinary medicine as a nutritional factor and a dietary source of choline. mp = 105-107.5°; freely soluble in H₂O; slightly soluble in EtOH; insoluble in C₆H₆, CHCl₃, Et₂O.

8596 Inositol

87-89-8 5008 201-781-2
 $C_6H_{12}O_6$
 Hexahydroxycyclohexane.
 meso-inositol; l-inositol; cyclohexanehexol; cyclohexitol; meat sugar; inosite; mesoinosite; phaseomannite; dambose; nucite; bios I; rat antispectacled eye factor; mouse antialopeia factor. A lipotropic agent. mp = 225-227°; d = 1.752; soluble in H₂O (14 g/100 ml at 25°, 28 g/100 ml at 60°, slightly soluble in EtOH, insoluble on other organic solvents.

8597 Lecithin

8002-43-5 5452 232-307-2
 Phosphatidylcholine.
 Lecithol; Vitellin; Kelecine; Granulestin. A lipotropic agent. Insoluble in H₂O; soluble in EtOH, CHCl₃, Et₂O, petroleum ether; sparingly soluble in C₆H₆; insoluble in Me₂CO; d₄²⁴ = 1.0305.

8598 Methionine

63-68-3 6053 200-562-9
 $C_5H_{11}NO_2S$
 L-Methionine.
 Met; M; Acimethin. Hepatoprotectant and antidote for acetaminophen poisoning. mp = 280-282° (dec); $[\alpha]_D^{25} = -8.11^\circ$ (c = 0.8), $[\alpha]_D^{20} = 23.40^\circ$ (c = 5.0 3N HCl).

8599 Methionine, D-form

348-67-4 6053 206-483-6
 $C_5H_{11}NO_2S$
 D-Methionine.
 Hepatoprotectant and antidote for acetaminophen poisoning. $[\alpha]_D^{25} = 8.12^\circ$ (c = 0.8), $[\alpha]_D^{25} = -21.18^\circ$ (c = 0.8 0.2N HCl).

8600 Methionine, DL-form

59-51-8 6053 200-432-1
 $C_5H_{11}NO_2S$
 DL-Methionine.
 racemethionine; Amurex; Banthionine; Dyprin; Lobamine; Metione; Pedameth; Urimeth.
 Hepatoprotectant and antidote for acetaminophen poisoning. mp = 281° (dec); d = 1.340; soluble in H₂O (1.82 g/100 ml at 0°, 3.38 g/100 ml at 25°, 6.07 g/100 ml at 60°, 10.52 g/100 ml at 75°, 17.60 g/100 ml at 100°); slightly soluble in EtOH; insoluble in Et₂O.

Lupus Erythematosus Suppressants

8601 Bismuth Sodium Triglycollamate

5798-43-6 1322
 $C_{24}H_{28}BiN_4Na_7O_{25}$
 Nitrilotriacetic acid bismuth complex sodium salt. Bistriamete. Lupus erythematosus suppressant. Very soluble in H₂O; insoluble in Me₂CO, Et₂O, C₆H₆.

8602 Bismuth Subsalsicylate

14882-18-9 1327 238-953-1
 $C_7H_5BiO_4$
 2-Hydroxybenzoic acid bismuth (3+) salt.
 basic bismuth salicylate; oxo(salicylato)bismuth; Bismogenol Tosse Inj.; Stabisol. Antidiarrheal, antacid, anti-ulcerative and lupus erythematosus suppressant. Insoluble in H₂O, EtOH.

8603 Chloroquine

54-05-7 2215 200-191-2
 $C_{18}H_{26}ClN_3$
 7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]-quinoline.
 Aralen; SN-7618; RP-3377; Artrichin; Bemaphate; Capquin; Nivaquine B; Resoquine; Reumachlor; Sanoquin; nivaquine [sulfate]. Antiamoebic, antimalarial. Also used as a lupus erythematosus suppressant. mp = 87°. *Sterling Winthrop, Inc.*

8604 Chloroquine Diphosphate

50-63-5 2215 200-055-2
 $C_{18}H_{32}ClN_3P_2O_8$
 7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]-quinoline diphosphate.
 Aralen phosphate; Arechin; Avloclor; Imagon; Malaquin; Resochin; Tresochin. Antiamoebic, antimalarial and antirheumatic. Also has activity as a lupus erythematosus suppressant. Also used as a lupus erythematosus suppressant. mp = 193-195°, 215-218°; soluble in H₂O, insoluble in organic solvents. *Sterling Winthrop, Inc.*

8605 Hydroxychloroquine

118-42-3 4863 204-249-8
 $C_{18}H_{26}ClN_3O$

2-[[4-[(7-Chloro-4-quinolyl)amino]pentyl]-ethylamino]ethanol.
 oxychloroquine; oxichloroquine. Antimalarial and lupus erythematosus suppressant. mp = 89-91°. *Apothecon; Sterling Winthrop, Inc.*

8606 Hydroxychloroquine Sulfate

747-36-4 4863 212-019-3
 $C_{18}H_{28}ClN_3O_5S$
 2-[[4-[(7-Chloro-4-quinolyl)amino]pentyl]ethylamino]-ethanol sulfate (1:1) (salt).
 Plaquenil Sulfate; Ercoquin; Quensyl. Antimalarial and lupus erythematosus suppressant. mp = 198°, 240°; freely soluble in H_2O ; insoluble in EtOH, $CHCl_3$, Et_2O . *Apothecon; Sterling Winthrop, Inc.*

Mineralocorticoids**8607 Aldosterone**

52-39-1 226 200-139-9
 $C_{21}H_{28}O_5$
 11 β ,21-Dihydroxy-3,20-dioxo-pregn-4-en-18-al.
 Aldocorten; Aldocortin; Electrocortin; Aldocortene. Mineralocorticoid. mp = 108-112°; $[\alpha]_D^{23} = +152^\circ$ (c = 2 in Me_2CO); $\lambda_m = 240$ nm (log ϵ 420).

8608 Amcinonid

51022-69-6 407 256-915-2
 $C_{28}H_{35}FO_7$
 (11 β ,16 α)-21-(Acetyloxy)-16,17-[cyclopentylidene-bis(oxy)]-9-fluoro-11-hydroxypregna-1,4-diene-3,20-dione.
 CL-34699; Amciderm; Cyclocort; Penticort. Glucocorticoid. Used to treat eczema. A high-potency topical and systemic corticosteroid. *American Cyanamid; Lederle Labs.*

8609 Betamethasone

378-44-9 1226 206-825-4
 $C_{22}H_{29}FO_5$
 (11 β ,16 β)-9-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione.
 betadexamethasone; flubenisolone; Sch-4831; NSC-39470; beta-Corlan; Becort; Betasolon; Betnelan; Celestene; Celestone; Dermabet; Diprolene; Visubeta. Glucocorticoid. mp = 231-234° (dec); $[\alpha]_D = +108^\circ$ (in Me_2CO); $\lambda_m = 238$ nm (ϵ 15200 in EtOH). *Merck & Co., Inc.; Roussel-UCLAF.*

8610 Betamethasone Acetate

987-24-6 1226 213-578-6
 $C_{24}H_{31}FO_6$
 (11 β ,16 β)-9-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-acetate.
 Betafluorene, Celestovet; component of: Betavet Soluspan, Celestone Soluspan. Glucocorticoid. mp = 205-208° [also reported as 196-201°]; $[\alpha]_D = +140^\circ$ (in $CHCl_3$); $\lambda_m = 238$ nm (ϵ 14800). *Merck & Co., Inc.; Roussel-UCLAF; Schering AG.*

8611 Betamethasone Acibutate

5534-05-4 226-885-5
 $C_{28}H_{37}FO_7$

(11 β ,16 β)-9-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-acetate 17-isobutyrate.
 Glucocorticoid. *Merck & Co., Inc.; Roussel-UCLAF.*

8612 Betamethasone Adamantoate

1226
 $C_{33}H_{43}FO_6$
 (11 β ,16 β)-9-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-adamantoate.
 Betsovet. Glucocorticoid. *Merck & Co., Inc.; Roussel-UCLAF.*

8613 Betamethasone Benzoate

22298-29-9 1226 244-897-9
 $C_{29}H_{33}FO_6$
 (11 β ,16 β)-9-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 17-benzoate.
 W-5975; Bebate; Beben; Benisone; Euvaderm; Flurobate; Parbetan; Uticort. Glucocorticoid. mp = 225-228°; $[\alpha]_D^{24} = +63.5^\circ$ (in dioxane). *Merck & Co., Inc.; Parke-Davis; Roussel-UCLAF.*

8614 Betamethasone Dipropionate

5593-20-4 1226 227-005-2
 $C_{28}H_{37}FO_7$
 (11 β ,16 β)-9-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 17,21-dipropionate.
 betamethasone dipropionate; Sch-11460; Diprolene; Diproderm; Diprophos; Diprosis; Diprosone; Maxivate; Psorion; Rinderon-DP; component of: Alphatrex, Betasone, Lotrisone. Glucocorticoid. mp = 170-179° (dec); $[\alpha]_D^{26} = +65.7^\circ$ (in dioxane); $\lambda_m = 238$ nm (ϵ 15700 in MeOH). *ICN Pharmaceuticals, Inc.; Lemmon Co.; Merck & Co., Inc.; Roussel-UCLAF; Savage Labs.; Schering AG.*

8615 Betamethasone Sodium Phosphate

151-73-5 1226 205-797-0
 $C_{22}H_{28}FNa_2O_8P$
 (11 β ,16 β)-9-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-phosphate disodium salt.
 betamethasone 21-(dihydrogen phosphate) disodium salt; Bentelan; Betnesol; Celestan; Durabetason; Vista-Methasone; component of: Betasone, Betavet Soluspan, Celestone Soluspan. Glucocorticoid. *Merck & Co., Inc.; Roussel-UCLAF; Schering AG.*

8616 Betamethasone Valerate

2152-44-5 1226 218-439-3
 $C_{27}H_{37}FO_6$
 (11 β ,16 β)-9-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 17-valerate.
 Bedermin; Beta-Val; Betnesol-V; Betneval; Betnovate; Bextasol; Celestan-V; Celestoderm-V; Dermosol; Dermovaleas; Ecoval 70; Hormezon; Tokuderm; Valisone; component of: Betatrex, Gentocin, Topagen. Glucocorticoid. mp = 183-184°; $[\alpha]_D = +77^\circ$ (in dioxane); $\lambda_m = 239$ nm (ϵ 15920 in dioxane). *Merck & Co., Inc.; Roussel-UCLAF; Savage Labs.; Schering AG.*

8617 Chloroprednisone

52080-57-6 2209 257-644-2
 $C_{21}H_{25}ClO_5$
 (6 α)-Chloro-17,21-dihydroxypregna-1,4-diene-3,11,20-

trione.

Glucocorticoid (topical). *Syntex Labs. Inc.***8618 Chloroprednisone Acetate**

14066-79-6 2209 237-919-3

 $C_{23}H_{27}ClO_6$ (6 α)-Chloro-17,21-dihydroxypregna-1,4-diene-3,11,20-trione 21-acetate.Topilan. Glucocorticoid (topical). mp = 217-219°; [α]_D = +144° (in $CHCl_3$); λ_m = 237 nm (log ϵ 4.19 in EtOH). *Syntex Labs. Inc.***8619 Cicortonide**

19705-61-4

 $C_{29}H_{37}ClFNO_7$ 3-(2-Chloroethoxy)-9-fluoro-11 β ,16 α ,17,21-tetrahydroxy-20-oxopregna-3,5-diene-6-carbonitrile cyclic 16,17-acetal with acetone.Glucocorticoid. *Syntex Labs. Inc.***8620 Ciprocinonide**

58524-83-7 261-307-5

 $C_{28}H_{34}F_2O_7$ (6 α ,11 β ,16 α)-21-[(Cyclopropylcarbonyl)oxy]-6,9-difluoro-11-hydroxy-16,17-[(1-methylethylidene)-bis(oxy)]pregna-1,4-diene-3,20-dione.RS-2386. Adrenocortical steroid. *Syntex Labs. Inc.***8621 Clobetasol**

25122-41-2 2423 246-633-8

 $C_{22}H_{28}ClFO_4$ (11 β ,16 β)-21-Chloro-9-fluoro-11,17-dihydroxy-16-methylpregna-1,4-diene-3,20-dione.Anti-inflammatory. Glucocorticoid. *Glaxo Labs.***8622 Clobetasol Propionate**

25122-46-7 2423 246-634-3

 $C_{25}H_{32}ClFO_5$ (11 β ,16 β)-21-Chloro-9-fluoro-11,17-dihydroxy-16-methylpregna-1,4-diene-3,20-dione 17-propionate.

CCI-4725; GR-2/925; Clobesol; Dermoval; Dermovate; Dermoxin; Dermoxinale; Temovate. Anti-inflammatory.

Glucocorticoid. mp = 195.5-197°; [α]_D = +103.8° (c = 1.04 in dioxane); λ_m = 237 nm (ϵ 15000 in EtOH). *Glaxo Labs.***8623 Clobetasone**

54063-32-0 2424 258-953-5

 $C_{22}H_{26}ClFO_4$ (16 β)-21-Chloro-9-fluoro-17-hydroxy-16-methylpregna-1,4-diene-3,11,20-trione.21-chloro-11-dehydrobetamethasone. Anti-inflammatory. Glucocorticoid. *Glaxo Labs.***8624 Clobetasone Butyrate**

25122-57-0 2424 246-635-9

 $C_{26}H_{32}ClFO_5$ (16 β)-21-Chloro-9-fluoro-17-hydroxy-16-methylpregna-1,4-diene-3,11,20-trione 17-butyrate.CCI-5537; GR-2/1214; Emovate; Eumovate; Molivate. Anti-inflammatory. Glucocorticoid. mp = 90-100°. *Glaxo Labs.***8625 Clocortolone**

4828-27-7 2430 225-406-7

 $C_{27}H_{36}ClFO_5$ 9-Chloro-6 α -fluoro-11 β ,21-dihydroxy-16 α -methylpregna-1,4-diene-3,20-dione.Glucocorticoid. mp = 254° (dec). *Schering AG.***8626 Clocortolone Acetate**

4258-85-9 2430

 $C_{29}H_{38}ClFO_6$ (6 α ,11 β ,16 α)-9-Chloro-6-fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione.SH-818. Glucocorticoid. mp = 252° (dec). *Schering AG.***8627 Clocortolone Pivalate**

34097-16-0 2430 251-826-5

 $C_{24}H_{30}ClFO_5$ (6 α ,11 β ,16 α)-9-Chloro-6-fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-acetate.CL-68; SH-863; Cloderm; Purantix. Glucocorticoid. *Schering AG.***8628 Clomegestone Acetate**

424-89-5

 $C_{24}H_{31}ClO_4$ (16 α)-17-(Acetyloxy)-6-chloro-16-methylpregna-1,4-diene-3,20-dione.SH-741. Progestin. *Schering AG.***8629 Cloprednol**

5251-34-3 2460 226-052-6

 $C_{21}H_{25}ClO_5$ (11 β)-6-Chloro-11,17,21-trihydroxypregna-1,4,6-triene-3,20-dione.RS-4691; Cloradryn; Novacort; Synestan. Glucocorticoid. *Syntex Labs. Inc.***8630 Corticosterone**

50-22-6 2601 200-019-6

 $C_{21}H_{30}O_4$ (11 β)-11,21-Dihydroxypregn-4-ene-3,20-dione.Kendall's compound B; Reichstein's substance H; compound B. Glucocorticoid. mp = 180-182°; [α]_D¹⁵ = +223° (c = 1.1 in alcohol); λ_m = 240 nm; insoluble in H_2O ; soluble in common organic solvents. *Organon Inc.; Research Corp.; Schering AG; Searle, G.D., & Co.; Syntex Labs. Inc.***8631 Cortisone**

53-06-5 2602 200-162-4

 $C_{21}H_{28}O_5$

17,21-Dihydroxypregn-4-ene-3,11,20-trione.

Kendall's compound E; Wintersteiner's compound F; Reichstein's substance Fa; KE; Adreson; Corlin; Cortadren; Cortogen; Cortone; Incortin; Scheroson.

Glucocorticoid. mp = 220-224°; [α]_D²⁵ = +209° (c = 1.2 in 95% EtOH); λ_m = 237 nm (ϵ = 14000); fairly soluble in polar organic solvents.**8632 Cortisone Acetate**

50-04-4 2602 200-006-5

 $C_{23}H_{30}O_6$

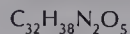
17,21-Dihydroxypregn-4-ene-3,11,20-trione 21-acetate.

Cortelan; Cortistab; Cortisyl Attriona. Glucocorticoid. mp = 235-238°; [α]_D²⁵ = +164° (c = 0.5 in Me_2CO); λ_m = 238 nm (ϵ = 15800); soluble in H_2O (2.2 mg/100 ml); more

soluble in organic solvents. *Merck & Co., Inc.; Schering AG; Upjohn Ltd.*

8633 Cortivazol

1110-40-3 2603 214-175-8



(11 β ,16 α)-21-(Acetyloxy)-11,17-dihydroxy-6,16-dimethyl-2'-phenyl-2'H-pregna-2,4,6-trieno[3,2-c]pyrazol-20-one.

NSC-80998; MK-650; H-3625; Altim; Diaster; Dilaster.

Glucocorticoid. mp = 160-165°; $[\alpha]_{\text{D}}^{23} = +14^\circ$ (in CHCl_3); $\lambda_{\text{m}} = 238, 315 \text{ nm}$ ($\epsilon = 15700, 19000$). *Merck & Co., Inc.*

8634 Deflazacort

14484-47-0 2916 238-483-7

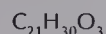


(11 β ,16 β)-21-(Acetyloxy)-11-hydroxy-2'-methyl-5'H-pregna-1,4-dieno[16,17-doxazole-3,20-dione.

oxazacort; azacort; DL-458-IT; L-5458; MDL-458; Calcort; Deflan; Dezacor; Flantadin; Lantadin. Anti-inflammatory; glucocorticoid. Systemic corticosteroid; oxazoline derivative of prednisolone. mp = 255-256.5°; $[\alpha]_{\text{D}} = +62.3^\circ$ ($c = 0.5$ in CHCl_3); $\lambda_{\text{m}} = 241-242 \text{ nm}$ ($E_{1\text{cm}}^{1\%} = 352.5$ in MeOH); LD₅₀ (mus orl) = 5200 mg/kg. *Gruppo Lepetit S.p.A. Marion Merrell Dow Inc.*

8635 Deoxycorticosterone

64-85-7 2947 200-596-4

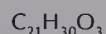


21-Hydroxypregn-4-ene-3,20-dione.

desoxycorticosterone; 21-hydroxyprogesterone; 11-deoxycorticosterone; cortexone; desoxycortone; Kendall's desoxy compound B; Reichstein's substance Q. Mineralocorticoid. Occurs in the adrenal cortex. mp = 141-142°; $[\alpha]_{\text{D}}^{22} = +178^\circ$ (in alcohol); $\lambda_{\text{m}} = 240 \text{ nm}$; soluble in alcohol, Me_2CO . *Ciba-Geigy Corp.; Hoechst; Organon Inc.; Schering AG.*

8636 Deoxycorticosterone Acetate

56-47-3 2948 200-275-9

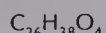


21-Acetyloxypregn-4-ene-3,20-dione.

desoxycorticosterone acetate; cortexone acetate; deoxycortone acetate; desoxycortone acetate; DCA; Cortate; Cortiron; Decosteron; Doca; Dorcostrin; Percorten; Syncortyl. Mineralocorticoid. mp = 154-160°; $[\alpha]_{\text{D}}^{20} = +168-176^\circ$ (in dioxane); nearly insoluble in H_2O ; more soluble in organic solvents. *Ciba-Geigy Corp.; Hoechst; Organon Inc.; Schering AG.*

8637 Deoxycorticosterone Pivalate

808-48-0 212-366-0



21-(2,2-Dimethyl-1-oxopropoxy)pregn-4-ene-3,20-dione. desoxycorticosterone pivalate; desoxycortone pivalate; Percorten Pivalate. Mineralocorticoid. *Ciba-Geigy Corp.; Hoechst; Organon Inc.; Schering AG.*

8638 Descinolone Acetonide

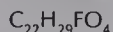
2135-14-0 218-368-8



(11 β ,16 α)-9-Fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione. CL-27071; NSC-44827. Glucocorticoid. *Lederle Labs.*

8639 Desoximetasone

382-67-2 2975 206-845-3

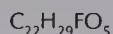


(11 β ,16 α)-9-Fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione.

desoxymethasone; A-41-304; R-2113; HOE-304; Esperson; Stidex; Topicorte; Topisolon. Anti-inflammatory; glucocorticoid. mp = 217°; $[\alpha]_{\text{D}} = +109^\circ$ (in CHCl_3); $\lambda_{\text{m}} = 238 \text{ nm}$ ($\epsilon = 15750$); soluble in alcohol, Me_2CO , CHCl_3 , hot EtOAc; slightly soluble in Et_2O , C_6H_6 ; insoluble in H_2O , dilute aqueous acids and alkalies. *Hoechst-Roussel Pharmaceuticals Inc.; Roussel-UCLAF; Schering AG.*

8640 Dexamethasone

50-02-2 2986 200-003-9

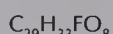


9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione.

hexadecadrol; Aeroseb-Dex; Corson; Cortisumman; Decacort; Decaderm; Decadron; Decalix; Decasone; Dekacort; Deltafluorene; Deronil; Deseronil; Dexacortal; Dexacortin; Dexafarma; Dexa-Mamallet; Dexameth; Dexamonozone; Dexapos; Dexa-sine; Dexasone; Dexinoral; Dinormon; FLuormone; Isopto-Dex; Lokalisol F; Loverine; Luxazone; Maxidex; Millicorten; Pet-Derm III; component of: Azimycin, Azium, Deronil, Dexacidin, Fulvidex, Maxitrol, Naquasone, Tobradex, Tresaderm. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). mp = 262-264°, 268-271°; $[\alpha]_{\text{D}}^{25} = +7.5^\circ$ (in dioxane); somewhat soluble in H_2O (0.1 mg/ml 25°); soluble in Me_2CO , EtOH, CHCl_3 . *Alcon Labs.; Herbert; Iolab; Merck & Co., Inc.; Organon Inc.; Schering Corp.; Solvay Pharmaceuticals; Farmitalia, Societa Farmaceutici; Upjohn Ltd.*

8641 Dexamethasone Acefurate

83880-70-0 2986

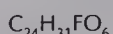


9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 17-(2-furoate).

Sch-31353. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Schering Corp.*

8642 Dexamethasone Acetate

1177-87-3 2986 214-646-8



9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-acetate.

Decadronal; Dectancyl; Dexacortisyl. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). mp = 215-221°, 229-231°, 238-240°; $[\alpha]_{\text{D}}^{25} = +73^\circ$ (in CHCl_3); $\lambda_{\text{m}} = 239 \text{ nm}$ ($\epsilon = 14900$). *Forest Pharmaceuticals Inc.; Merck & Co., Inc.*

8643 Dexamethasone Acetate Monohydrate

55821-90-3 2986



9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-acetate monohydrate.

Dalalone DP; Dalalone LA; Decadron-LA. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Forest Pharmaceuticals Inc.; Merck & Co., Inc.*

8644 Dexamethasone Diethylaminoacetate

2986

9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-diethylaminoacetate.Solu-Forte-Cortin. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Merck & Co., Inc.***8645 Dexamethasone Dimethylbutyrate**

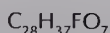
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9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-(3,3-dimethylbutyrate).dexamethasone tert-butylacetate; Decadron TBA. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Merck & Co., Inc.***8646 Dexamethasone Dipropionate**

55541-30-5

2986

259-699-8

9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-dipropionate.ST12; THS-101; Methaderm. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Hovione.***8647 Dexamethasone Isonicotinate**

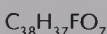
2265-64-7

2986

218-866-5

9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-(4-pyridinecarboxylate).dexamethasone 21-isonicotinate; Auxilison; Ausixone; Voren. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). mp = 250-252°; $[\alpha]_D^{27} = +183.5^\circ$ (in dioxane). *Merck & Co., Inc.***8648 Dexamethasone Palmitate**

2986

9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-palmitate.Limethasone. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). *Merck & Co., Inc.***8649 Dexamethasone Sodium Phosphate**

2392-39-4

2986

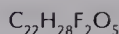
219-243-0

9-Fluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-(dihydrogen phosphate) disodium salt.dexamethasone 21-phosphate disodium salt; dexamethasone 21-(dihydrogen phosphate) disodium salt; Ak-Dex; Baldex; Colvasone; Dalalone; Decadron; Dexabene; Dezone; Fortecortin; Hexadrol; Oradexon; Orgadron; Solu-Decadron; Soldesam; component of: NeoDecadron. Anti-inflammatory; glucocorticoid; diagnostic aid (Cushing's Syndrome, depression). Injectable form of dexamethasone. mp = 233-235°; $[\alpha]_D = +57^\circ$ (in H₂O); $\lambda_m = 238-239$ nm (ϵ 14000); soluble in H₂O. *American Cyanamid; Forest Pharmaceuticals Inc.; Organon Inc.; Merck & Co., Inc.***8650 Diflorasone**

2557-49-5

3186

219-875-7

(6 α ,11 β ,16 β)-6,9-Difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione.6 α ,9 α -difluoro-16 β -methylprednisolone.Anti-inflammatory (topical); glucocorticoid. The 16 β -analog of flumethasone, a glucocorticoid. *Merck & Co., Inc.; Pfizer Inc.; Upjohn Ltd.***8651 Diflorasone Diacetate**

33564-31-7

3186

251-575-1

(6 α ,11 β ,16 β)-17,21-Bis(acetyloxy)-6,9-difluoro-11-hydroxy-16-methylpregna-1,4-diene-3,20-dione.U-24865; Dermaflor; Diacort; Difulal; Florone; Maxiflor; Psorcon; Soriflor. Anti-inflammatory (topical); glucocorticoid. mp = 221-223 (dec); $[\alpha]_D = +61^\circ$ (in CHCl₃); $\lambda_m = 238$ nm (ϵ 17250). *Dermik Labs., Inc.; ABIC; Merck & Co., Inc.; Pfizer Inc.; Upjohn Ltd.***8652 Diflucortolone**

2607-06-9

3189

(6 α ,11 β ,16 α)-6,9-Difluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione.Anti-inflammatory. Glucocorticoid. The 9 α -fluoro derivative of flucortolone. mp = 240-244°, 248-249°; $[\alpha]_D^{22} = +111^\circ$ (in MeOH); $\lambda_m = 237$ nm (ϵ 16600). *Schering Corp.***8653 Diflucortolone Pivalate**

15845-96-2

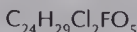
3189

(6 α ,11 β ,16 α)-6,9-Difluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione 21 pivalate.SH-968; Neribas; Neriforte; Nerisona; Nerisone; Temetex; Texmeten. Anti-inflammatory. Glucocorticoid. mp = 195-195.5°; $[\alpha]_D^{22} = +100.8^\circ$ (in dioxane); LD₅₀ (mus orl) > 4000 mg/kg, (rat orl) = 3100 mg/kg, (mus sc) = 180 mg/kg, (rat sc) = 13 mg/kg, (mus ip) = 450 mg/kg, (rat ip) = 98 mg/kg. *Schering Corp.***8654 Flucloronide**

3693-39-8

4157

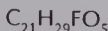
223-010-9

(6 α ,11 β ,16 α)-9,11-Dichloro-6-fluoro-21-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione.fluclorolone acetoneide; RS-2252; Topilar. Glucocorticoid. *Syntex Labs. Inc.***8655 Fludrocortisone**

127-31-1

4166

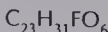
204-833-2

(11 β)-9-Fluoro-11,17,21-trihydroxypregn-4-ene-3,20-dione.9 α -fluorocortisol; fludrocortisone; fluohydrisone; fluohydrocortisone; Astonin H. Mineralocorticoid. mp = 260-262°; $[\alpha]_D^{23} = +139^\circ$ (c = 0.55 95% EtOH); $\lambda_m = 239$ nm (ϵ 17600 MeOH); soluble in H₂O (0.14 mg/ml). *Olin Mathieson.***8656 Fludrocortisone Acetate**

514-36-3

4166

208-180-4

(11 β)-9-Fluoro-11,17,21-trihydroxypregn-4-ene-3,20-

dione 21-acetate.

fludrocortisone 21-acetate; Alflorone; F-Cortef; Florinef. Mineralocorticoid. mp = 233-234°; $[\alpha]_D^{23} = +123^\circ$ (c = 0.64 CHCl₃); $\lambda_m = 238$ nm (ϵ 16800 MeOH); very slightly soluble in H₂O (0.04 mg/ml); more soluble in Me₂CO (56 mg/ml), CHCl₃ (20 mg/ml), Et₂O (4 mg/ml). Bristol-Myers Squibb Co.; Olin Mathieson; Upjohn Ltd.

8657 Flumethasone

2135-17-3 4173 218-370-9
C₂₂H₂₈F₂O₅
(6 α ,11 β ,16 α)-6,9-Difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione.
flumetasone; 6 α -fluorodexamethazone; U-10974; NSC-5402; Aniprome; Cortexilar; Flucort; Methagon. Glucocorticoid; anti-inflammatory. Upjohn Ltd.

8658 Flumethasone Acetate

4173
C₂₄H₃₀F₂O₆
(6 α ,11 β ,16 α)-6,9-Difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-acetate.
flumetasone 1-acetate. Glucocorticoid; anti-inflammatory. mp = 260-264°; $[\alpha]_D = 91^\circ$ (in EtOH); $\lambda_m = 237$ nm (log ϵ 4.16). Upjohn Ltd.

8659 Flumethasone Pivalate

2002-29-1 4173 218-370-9
C₂₇H₃₆F₂O₆
(6 α ,11 β ,16 α)-6,9-Difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-pivalate.
flumetasone 21-pivalate; NSC-107680; Locacorten (obsolete); Locorten; Lorinden; Losalen. Glucocorticoid; anti-inflammatory. Upjohn Ltd.

8660 Flumoxonide

60135-22-0 262-074-2
C₂₆H₃₄F₂O₇
(6 α ,11 β ,16 α)-6,9-Difluoro-11-hydroxy-21,21-dimethoxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione.
RS-40584. Adrenocortical steroid. Syntex Labs. Inc.

8661 Flunisolide [anhydrous]

3385-03-3 4180 222-193-2
C₂₄H₃₁FO₆
(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione.
RS-3999; Aerobid; Bronalide; Lunis; Nasalide; Rhinalar; Synaclyn; Syntaris. Glucocorticoid; antiasthmatic. Synthetic fluorinated corticosteroid related to prednisolone. American Cyanamid; Forest Pharmaceuticals Inc.; Syntex Labs. Inc.

8662 Flunisolide Acetate

4533-89-5 4180 224-871-3
C₂₆H₃₃FO₇
(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione 21-acetate.
RS-1320. Glucocorticoid; antiasthmatic; anti-inflammatory. Syntex Labs. Inc.

8663 Flunisolide Hemihydrate

77326-96-6

C₂₄H₃₁FO₆.1/2H₂O

(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione hemihydrate.

Glucocorticoid; antiasthmatic. Syntex Labs. Inc.

8664 Fluocinolone Acetonide

67-73-2 4185 200-668-5
C₂₄H₃₀72O₆
(6 α ,11 β ,16 α)-6,9-Difluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione.
Coriphate; Cortiplastol; Dermalar; Fluonid; Fluovitef; Fluvean; Fluzon; Jellin; Localyn; Synalar; Synamol; Synandone; Synemol; Synotic; Synzac. Glucocorticoid; anti-inflammatory. mp = 265-266°; $[\alpha]_D = +95^\circ$ (in CHCl₃); $\lambda_m = 238$ nm (log ϵ 4.21). Lemmon Co.; Syntex Labs. Inc.

8665 Fluocortolone

152-97-6 4188 205-811-5
C₂₂H₂₉FO₄
(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione.
SH-742; Ultralan oral. Glucocorticoid. mp = 188-190.5°; $[\alpha]_D^{20} = +100^\circ$ (in dioxane); $\lambda_m = 242$ nm (ϵ 16300); somewhat soluble in H₂O (295 mg/l at 37°), EtOH (120 mg/l at 20°), C₇H₈ (440 mg/l at 20°). Schering AG.

8666 Fluocortolone Caproate

303-40-2 4188 206-140-0
C₂₈H₃₉FO₅
(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-hexanoate.
fluocortolone 21-hexanoate; SH-770; Ficoid; Ultralanum. Glucocorticoid. mp = 242-245°; $[\alpha]_D^{20} = +98.5^\circ$ (in dioxane); $\lambda_m = 242$ nm (ϵ 16200); slightly soluble in H₂O (7.8 mg/l at 37°); more soluble in EtOH (450 mg/l at 20°), C₇H₈ (440 mg/l at 20°). Schering AG.

8667 Fluocortolone Pivalate

4188
C₂₂H₃₇FO₅
(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-pivalate.
fluocortolone trimethylacetate. Glucocorticoid. mp = 187°; nearly insoluble in H₂O; soluble in CHCl₃, MeOH; slightly soluble in Et₂O. Schering AG.

8668 Fluperolone Acetate

2119-75-7 4225 218-327-4
C₂₄H₃₁FO₆
[11 β ,17 α ,17(S)]-17-[2-(Acetyloxy)-1-oxopropyl]-9-fluoro-11,17-dihydroxyandrosta-1,4-dien-3-one.
P-1742; ALAcortril; Methral. Glucocorticoid; anti-inflammatory. mp = 251-253°; $[\alpha]_D = 87^\circ$; $\lambda_m = 239$ nm (ϵ 15350). Pfizer Inc.

8669 Fluprednisolone

53-34-9 4229 200-170-8
C₂₁H₂₇FO₅
(6 α ,11 β)-6-Fluoro-11,17,21-trihydroxypregna-1,4-diene-3,20-dione.
U-7800; NSC-46439; Alphadrol; Etadrol. Glucocorticoid;

anti-inflammatory. mp = 208-213°; $[\alpha]_D = +92^\circ$. *Bayer AG; Syntex Labs. Inc.; Upjohn Ltd.*

8670 Fluprednisolone Valerate

23257-44-5 245-535-2



(6 α ,11 β)-6-Fluoro-11,21-dihydroxy-17-[(1-oxopentyl)oxy]pregna-1,4-diene-3,20-dione. Glucocorticoid. *Miles.*

8671 Fluorometholone

426-13-1 4213 207-041-5

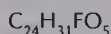


(6 α ,11 β)-9-Fluoro-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione.

fluormetholon; Cortilet; Delmeson; Efflumidex; Fluaton; Flumetholon; Fluor-Op; FML; FML Forte; FML Liquifilm; FML S.O.P.; Loticort; Oxytone; Ursnon; component of: FML-S Liquifilm, Neo-Oxytone. Glucocorticoid; anti-inflammatory. mp = 292-303°. *Allergan, Inc.; Iolab; Upjohn Ltd.*

8672 Fluorometholone Acetate

3801-06-7 4213 223-270-3



(6 α ,11 β)-9-Fluoro-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione 17-acetate.

U-17323; Flarex; component of: Tobrasone. Glucocorticoid; anti-inflammatory. mp = 230-232°; $[\alpha]_D = +28^\circ$ (in $CHCl_3$). *American Cyanamid; Upjohn Ltd.*

8673 Flurandrenolide

1524-88-5 4232 216-196-8



(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregn-4-ene-3,20-dione.

flurandrenolone; flurandrenolone; flurandrenolone acetate (obsolete); fludroxycortide; Cordran; Drenison; Drocort; Haelan; Sermaka. Glucocorticoid; anti-inflammatory. mp = 247-255°; $[\alpha]_D^{25} = +140$ -150° (in $CHCl_3$); $\lambda_m = 236$ nm (log ϵ 4.17). *Eli Lilly & Co.; Syntex Labs. Inc.*

8674 Formocortol

2825-60-7 4270 220-584-2



(11 β ,16 α)-21-(Acetyloxy)-3-(2-chloroethoxy)-9-fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-20-oxopregna-3,5-diene-6-carboxaldehyde.

fluiformylon; FI-6341; Cortocin-F; Cutisterol; Deflamene; Fluderma. Glucocorticoid. mp = 180-182°; $[\alpha]_D^{20} = +26^\circ$ (in $CHCl_3$); $\lambda_m = 216, 324$ nm (ϵ 12100, 12100 EtOH); LD₅₀ (mus orl) >2000 mg/kg, (mus ip) = 537 mg/kg. *Farmitalia.*

8675 Hydrocortamate

76-47-1 4827 200-963-9

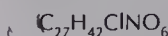


N,N-Diethylglycine (11 β)-11,17-dihydroxy-3,20-dioxopregn-4-en-21-yl ester.

cortisol 21-ester with N,N-diethylglycine; hydr cortisone 21-diethylaminoacetate; Ulcort. Glucocorticoid. mp = 162-163°. *Pfizer Inc.; Schering AG.*

8676 Hydrocortamate Hydrochloride

125-03-1 4827 204-723-4



N,N-Diethylglycine (11 β)-11,17-dihydroxy-3,20-dioxopregn-4-en-21-yl ester hydrochloride.

ethamicort; Magnacort. Glucocorticoid. Dec 222°. *Pfizer Inc.; Schering AG.*

8677 Hydrocortisone

50-23-7 4828 200-020-1



(11 β)-11,17,21-Trihydroxypregna-1,4-diene-3,20-dione.

cortisol; 17-hydroxycorticosterone; anti-inflammatory hormone; Kendall's compound F; Reichstein's substance M; Aeroseb-HC; Ala-Cort; Anflam; Cetacort; Cort-Dome; Cortef; Cortenema; Cortril; Dermacort; Dermocortol; Dermolate; Diaderm; Efcortelan; Evacort; Ficortril; Hydracort; Hydro-Adreson; Hydrocort; Hydrocortisyl; Hydrocortone; Hytone; Lacticare-HC; Medicort; Mildison; Nutracort; Penecort; Proctocort; Scheroson F; Synacort; Texacort; Timocort; Zenoxone; Acticort; Alphaderm; CaldeCort Spray; Eldecort; component of: Cor-Tar-Quin, Cort-Quin Cortisporin, Drotic, Neo-Cort-Dome, Nystaform-HC, Otagline, Otic-Neo-Cort-Dome, Otobiotic, Otocort, Pediotic Suspension, Racet, Vioform-Hydrocortisone, VoSol HC, Vytone. Glucocorticoid. Principal glucocorticoid hormone produced by the adrenal cortex. mp = 217-220°; $[\alpha]_D^{22} = +167^\circ$ (in absolute EtOH); $\lambda_m = 242$ nm ($\epsilon_{1cm}^{1\%}$ 445); slightly soluble in H_2O (0.28 mg/ml); more soluble in EtOH, MeOH, Me_2OH , $CHCl_3$, propylene glycol, Et_2O ; soluble in concentrated sulfuric acid. *Dermik Labs., Inc.; Fisons Corp.; Herbert; ICN Pharmaceuticals, Inc.; Key Pharmaceuticals; Lemmon Co.; Marion Merrell Dow Inc.; Merck & Co., Inc.; Miles; Pfizer Inc.; Schering AG; Stiefel Labs., Inc.; Upjohn Ltd.; Whitehall Labs.*

8678 Hydrocortisone Aceponate

74050-20-7



(11 β)-11,17,21-Trihydroxypregna-1,4-diene-3,20-dione 21-acetate 17-propionate.

Glucocorticoid.

8679 Hydrocortisone Acetate

50-03-3 4828 200-004-4



(11 β)-21-(Acetoxy)-11,17,21-trihydroxypregna-1,4-diene-3,20-dione.

Anusol-HC; CaldeCort; Colifoam; Colofoam; Cortaid; Cordes; Cortef; Cortifoam; Cortril Acetate-AS; Efcolin; Hc45; Hydrin-2; Hydrocal; Hydrocortistab; Hydrocortone Acetate; Lanacort; Lenirit; Sigmacort; Sintotrat; Velopural; component of: Chloromycetin Hydrocortisone Ophthalmic, Clear-Aid, Coly-MycinS Otic, Cirticaine Cream, Cortisporin Cream, Epifoam, Lidaform-HC, Lidamantle-HC, Mantadil, Neo-Cortef, Ophthocort, ProctoFoam, Protef. Glucocorticoid. Dec 223°; $d_4^{20} = 1.289$; $[\alpha]_D^{25} = +166^\circ$ (c = 0.4 in dioxane); $[\alpha]_D^{25} = +150.7^\circ$ (c = 0.4 in Me_2OH); $\lambda_m = 242$ nm ($\epsilon_{1cm}^{1\%}$ 390 in MeOH); slightly soluble in H_2O (1 mg/100 ml); more soluble in EtOH, MeOH, Me_2CO , $CHCl_3$, Et_2O ; very soluble in DMF, dioxane. *Broemmel Pharmaceuticals; Fisons Corp.; Merck & Co., Inc.; Parke-Davis; Upjohn Ltd.*

8680 Hydrocortisone Buteprate

72590-77-3

276-726-9

 $C_{28}H_{40}O_7$ (11 β)-11-Hydroxy-17-(1-oxobutoxy)-21-(1-oxopropoxy)pregna-1,4-diene-3,20-dione.
TS-408; Pandel. Glucocorticoid. *Taisho*.**8681 Hydrocortisone Butyrate**

13609-67-1

4828

237-093-4

 $C_{28}H_{40}O_7$ (11 β)-11,21-Dihydroxy-17-(1-oxobutoxy)pregna-1,4-diene-3,20-dione.

hydrocortisone 17-butyrate; Alfason; Laticort; Locoid; Plancol. Glucocorticoid.

8682 Hydrocortisone Cypionate

508-99-6

208-091-0

 $C_{29}H_{42}O_6$ (11 β)-21-(3-Cyclopentyl-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione.hydrocortisone cyclopentylpropionate; Cortef Oral Suspension. Glucocorticoid. *Upjohn Ltd*.**8683 Hydrocortisone Dihydrogen Phosphate**

3863-59-0

223-382-2

(11 β)-11,17-Dihydroxy-21-(phosphonoxy)pregna-1,4-diene-3,20-dione.hydrocortisone 21-(dihydrogen phosphate).
Glucocorticoid.**8684 Hydrocortisone Hemisuccinate [anhydrous]**

2203-97-6

218-612-3

 $C_{25}H_{34}O_8$ (11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione.
Adrenocortical steroid.**8685 Hydrocortisone Hemisuccinate**

83784-20-7

 $C_{25}H_{36}O_9$ (11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione monohydrate.
Adrenocortical steroid.**8686 Hydrocortisone Sodium Phosphate**

6000-74-4

4828

227-843-9

 $C_{21}H_{29}Na_2O_8P$ (11 β)-11,17-Dihydroxy-21-(phosphonoxy)pregna-1,4-diene-3,20-dione disodium salt.hydrocortisone sodium phosphate; hydrocortisone phosphate; hydrocortisone 21-disodium salt; Cleiton; Efcortisol; Hydrocortone Phosphate. Glucocorticoid. $[\alpha]_D^{25} = +120^\circ$ (in H_2O); $\lambda_m = 242$ nm ($A_{1cm}^{1\%}$ 298-341 MeOH); soluble in H_2O (>500 mg/ml); pH (1% aqueous solution) 7.5-8.5. *Merck & Co., Inc.***8687 Hydrocortisone Sodium Succinate**

125-04-2

4828

204-725-5

 $C_{25}H_{33}NaO_8$ (11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione.hydrocortisone 21-(sodium succinate); hydrocortisone hemisuccinate sodium salt; A-hydroCort; Buccalsone; Corlan; Efcortelan Soluble; Saxizon; Solu-Cortef; Solu-Glyc. Glucocorticoid. mp = 169-172°; soluble in H_2O (500 mg/ml), MeOH, EtOH; less soluble in $CHCl_3$. *Abbott Labs.; Upjohn Ltd.***8688 Hydrocortisone Valerate**

57524-89-7

4828

260-786-8

 $C_{26}H_{38}O_6$ (11 β)-11,21-Dihydroxy-17-[(1-oxopentyl)oxy]pregna-1,4-diene-3,20-dione.hydrocortisone 17-valerate; Westcort. Glucocorticoid. *Westwood-Squibb Pharmaceuticals, Inc.***8689 Medrysone**

2668-66-8

5840

220-208-7

 $C_{22}H_{32}O_3$ (6 α ,11 β)-11-Hydroxy-6-methylpregn-4-ene-3,20-dione.hydroxymesterone; U-8471; HMS; Medrocort; Ophlocortin; Spectamedryn. Glucocorticoid. mp = 155-158°; $[\alpha]_D = 189^\circ$ (in $CHCl_3$). *Allergan, Inc.; Upjohn Ltd.***8690 Meprednisone**

1247-42-3

5907

214-996-1

 $C_{22}H_{28}O_5$ (16 β)-17,21-Dihydroxy-16-methylpregna-1,4-diene-3,11,20-trione.16 β -methylprednisone; NSC-527579; Sch-4358; Betapred; Betapar; Deltacortene; Beta; Betalone; Deltisona B. Glucocorticoid. mp = 200-205°; $[\alpha]_D = +200^\circ$ (dioxane); $\lambda_m = 239$ nm ($E_{1cm}^{1\%}$ 416 MeOH). *Parke-Davis; Schering Corp.***8691 Methylprednisolone**

83-43-2

6189

201-476-4

 $C_{22}H_{30}O_5$ (6 α ,11 β)-11,17,21-Trihydroxy-6-methylpregna-1,4-diene-3,20-dione.NSC-19987; Medrate; Medrol; Medrone; Metastab; Metrisone; Promacortine; Suprametil; Urbason. Glucocorticoid. mp = 228-237°; $[\alpha]_D^{20} = 83^\circ$ (dioxane); $\lambda_m = 243$ nm (α_M 14875 95% EtOH). *Schering Corp.; Upjohn Ltd.***8692 Methylprednisolone Aceponate**

86401-95-8

 $C_{27}H_{36}O_7$ (6 α ,11 β)-11,17,21-Trihydroxy-6-methylpregna-1,4-diene-3,20-dione 21-acetate 17-propionate.

Advantan. Glucocorticoid.

8693 Methylprednisolone Acetate

53-36-1

6189

200-171-3

 $C_{24}H_{32}O_6$ (6 α ,11 β)-21-(Acetyloxy)-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione.methylprednisolone 21-acetate; depMedalone 40; depMedalone 80; Depo-Medrate; Depo-Medrol; Depo-Medrone; Mepred; Vetacortyl; component of: NeoMedrol. Glucocorticoid. mp = 205-208°; $[\alpha]_D^{20} = +101^\circ$ (dioxane); $\lambda_m = 243$ nm (α_M 14825 95% EtOH); nearly insoluble in H_2O . *Forest Pharmaceuticals Inc.; Upjohn Ltd.***8694 Methylprednisolone Dihydrogen Phosphate**

22252-38-6

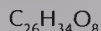
244-869-6

(6 α ,11 β)-11,17-Dihydroxy-6-methyl-21-(phosphonoxy)-

pregna-1,4-diene-3,20-dione.
Glucocorticoid.

8695 Methylprednisolone Hemisuccinate

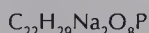
2921-57-5 220-863-9



(6 α ,11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione.
methylprednisolone 21-(hydrogen succinate).
Adrenocortical steroid.

8696 Methylprednisolone Sodium Phosphate

5015-36-1 6189 225-694-4



(6 α ,11 β)-11,17-Dihydroxy-6-methyl-21-(phosphonooxy)pregna-1,4-diene-3,20-dione disodium salt.

U-12019E; Medrol Stabisol. Glucocorticoid. *Upjohn Ltd.*

8697 Methylprednisolone Sodium Succinate

2375-03-3 6189 219-156-8



(6 α ,11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione.

Urbason-Solubile; Solu-Medrol. Glucocorticoid. Soluble in H₂O. *Abbott Labs.; Elkins-Sinn; Upjohn Ltd.*

8698 Methylprednisolone Suleptanate

90350-40-6

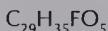


(6 α ,11 β)-11,17-Dihydroxy-6-methyl-21-[[8-[methyl(2-sulfoethyl)amino]-1,8-dioxooctyl]oxy]pregna-1,4-diene-3,20-dione monosodium salt.

Medrosol. Anti-inflammatory; glucocorticoid. *Upjohn Ltd.*

8699 Naflocort

80738-47-2

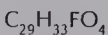


(6 β ,11 β)-9-Fluoro-1',4'-dihydro-11,21-dihydroxy-2'H-naphtho[2',3':16,17]pregna-1,4-diene-3,20-dione monohydrate.

SQ-26490. Adrenocortical steroid (topical). *Bristol-Myers Squibb Co.*

8700 Naflocort [anhydrous]

59497-39-1



(6 β ,11 β)-9-Fluoro-1',4'-dihydro-11,21-dihydroxy-2'H-naphtho[2',3':16,17]pregna-1,4-diene-3,20-dione.

Adrenocortical steroid (topical). *Bristol-Myers Squibb Co.*

8701 Nivazol

24358-76-7

246-202-4



(17 α)-2'-(4-Fluorophenyl)-2'H-pregna-2,4-dien-20-yno[3,2-c]pyrazol-17-ol.

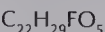
nivacortol; Win-27914. Glucocorticoid. *Sterling Winthrop, Inc.*

8702 Paramethasone

53-33-8

7162

200-169-2



(6 α ,11 β ,16 α)-6-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione.

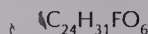
16 α -methylprednisolone. Glucocorticoid.

8703 Paramethasone Acetate

1597-82-6

7162

216-486-4



(6 α ,11 β ,16 α)-21-(Acetyloxy)-6-fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione.

paramethasone 21-acetate; Cortidene; Dilar; Dillar; Haldrate; Haldrone; Metilar; Monocortin; Paramezone; Syntecort; Stemex. Glucocorticoid. mp = 228-241° (dec);

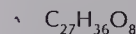
[α]_D = +85°; λ_m = 243 nm (log ϵ 4.16 MeOH); soluble in Me₂OH, EtOH; slightly soluble in H₂O; LD₅₀ (rat ip) = 392 mg/kg. *Eli Lilly & Co.; Syntex Labs. Inc.*

8704 Prednicarbate

73771-04-7

7899

277-590-3



(11 β)-17-[(Ethoxycarbonyl)oxy]-11-hydroxy-21-(1-oxopropoxy)pregna-1,4-diene-3,20-dione.

prednisolone; 17-ethylcarbonate 21-propionate; HOE-777; S-77-0777; Dermatop; EsCort; Prednitop; Regenit. Glucocorticoid; anti-inflammatory (topical). mp = 110-112°; [α]_D²⁰ = +63° (c = 0.1 EtOH); λ_m = 241 nm (ϵ 15000).

Hoechst-Roussel Pharmaceuticals Inc.

8705 Prednisolamate

5626-34-6

7902



(11 β)-11,17,21-Trihydroxy-6-methylpregna-1,4-diene-3,20-dione 21-n,n-diethylglycine ester.

prednisolone 21-diethylaminoacetate; 21-N,N-diethylglycinate. Glucocorticoid. mp = 175-177°. *Pfizer Inc.*

8706 Prednisolamate Hydrochloride

17140-01-1

7902



(11 β)-11,17,21-Trihydroxy-6-methylpregna-1,4-diene-3,20-dione 21-n,n-diethylglycine ester.

prednisolone 21-diethylaminoacetate hydrochloride; Deltacortril DA. Glucocorticoid. mp = 237.4-239.8°; [α]_D = +120.7° (in H₂O). *Pfizer Inc.*

8707 Prednisolone

50-24-8

7901

200-021-7



(11 β)-11,17,21-Trihydroxypregna-1,4-diene-3,20-dione.

metacortandralone; delta F; δ^1 -dehydrocortisol; δ^1 -hydrocortisone; δ^1 -dehydrohydrocortisone;

hydroretrocortine; NSC-9120; Codelcortone; Cortalone; Decaprednil; Decortin H; Delta-Cortef; Deltacortril

Enteric; Deltastab; Deltasolone; Flamasone; Hydeltre; Hydrodeltalone; Klismacort; Meticortalone; Meti-Derm;

Paracortol; Precortancyl; Precortilon; Precortisyl; Prednelan; Prednicen; Predni-Dome; Predniretard;

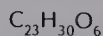
Predonine; Solone; Sterolone; component of: K-Predne-Dome. Glucocorticoid. Synthetic corticosteroid;

metabolically interconvertible with prednisone. mp = 240-241° (dec); [α]_D²⁵ = +102° (dioxane); λ_m = 242 nm (ϵ 15,000 MeOH);

slightly soluble in H₂O; soluble in alcohol, CHCl₃, Me₂OH, MeOH, dioxane. *Miles; Parke-Davis; Schering Corp.; Upjohn Ltd.*

8708 Prednisolone Acetate

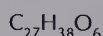
52-21-1 7901 200-134-1

(11 β)-21-(Acetyloxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione.

Ak-Tate; Econopred; Hostacortin H; Inflanefran; Meticotelone Acetate; Predalone 50; Pred Forte; Pred Mild; Scherisolon; Sterane; component of: Blephamide Liquifilm, Blephamide SOP, Cetapred Ointment, Isopto Cetapred, Metimyd, Mydapred, Neo-Delta-Cortef, Poly-Pred, Pred-G Liquifilm, Pred-G SOP, Vasocidin Ointment.

Glucocorticoid. Dec 237-239°; $[\alpha]_D^{25} = +116^\circ$ (in dioxane). Alcon Labs.; Allergan, Inc.; Iolab; Miles; Upjohn Ltd.**8709 Prednisolone 21-tert-Butylacetate**

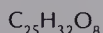
7681-14-3 7901 231-661-5

(11 β)-21-(3,3-Dimethyl-1-oxobutoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione.

prednisolone tebutate; Codelcortone-T.B.A.; Hydextra-T.B.A.; Predalone-T.B.A. Glucocorticoid. mp = 266-273°. Forest Pharmaceuticals Inc.; Merck & Co., Inc.

8710 Prednisolone Hemisuccinate

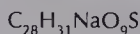
2920-86-7 7901 220-861-8

(11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione.

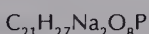
prednisolone 21-(hydrogen succinate); Fiasone (amp). Glucocorticoid.

8711 Prednisolone Metasulfobenzoate Sodium

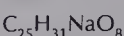
630-67-1 7901 211-141-4

(11 β)-11,17-Dihydroxy-21-[(3-sulfobenzoyl)oxy]pregna-1,4-diene-3,20-dione monosodium salt.prednisolone sodium metasulfobenzoate; prednisolone 21-(3-sodium-sulphobenzoate); Cortico-Sol; Predenema; Predfoam; Solupred. Glucocorticoid. mp = 293-295° (dec); $[\alpha]_D^{20} = 170^\circ$ (in H₂O).**8712 Prednisolone Sodium Phosphate**

125-02-0 7903 204-722-9

(11 β)-11,17-Dihydroxy-21-(phosphonooxy)pregna-1,4-diene-3,20-dione disodium salt.21-prednisolonephosphoric acid disodium salt; prednisolone phosphate disodium; disodium prednisolone 21-phosphate; Ak-pred; Codelsol; Hefasolon; Hydextraol; Inflamase; Metreton; Pediapred; Prednesol; Predsol; Solucort; Solu-Predalone; component of: Optimyd, Vasocidin Solution. Glucocorticoid. $[\alpha]_D^{25} = +102.5^\circ$; $\lambda_m = 243$ nm ($A_{1cm}^{1\%}$ 308 MeOH); soluble in H₂O, MeOH, EtOH; pH (1% aqueous solution) = 7.5-8.5. Fisons Corp.; Iolab; Merck & Co., Inc.; Schering Corp.**8713 Prednisolone Sodium Succinate**

1715-33-9 7901 216-995-1

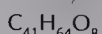
(11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-

dihydroxypregna-1,4-diene-3,20-dione monosodium salt.

prednisolone 21-succinate sodium salt; Di-Adreson-F; Meticotelone Soluble; Solu-Decortin-H. Glucocorticoid. Schering Corp.; Upjohn Ltd.

8714 Prednisolone Steaglate

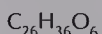
5060-55-9 7901 225-763-9

(11 β)-11,17-Dihydroxy-21-[[[(1-oxooctadecyl)oxy]-acetyl]oxy]pregna-1,4-diene-3,20-dione.

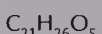
prednisolone 21-stearoylglycolate; Sintisone.

Glucocorticoid. mp = 105-107°; $[\alpha]_D^{20} = +57-63^\circ$ (dioxane); $\lambda_m = 244$ nm ($E_{1cm}^{1\%}$ 212 $\pm$ 10 MeOH).**8715 Prednisolone 21-Trimethylacetate**

1107-99-9 7901 214-172-1

(11 β)-21-(2,2-Dimethyl-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione.prednisolone pivalate; Ultracortenol. Glucocorticoid. mp = 233-236°; $[\alpha]_D^{26} = +103^\circ$ (c = 1.208 CHCl₃); $\lambda_m = 244$ nm (ϵ 14700).**8716 Prednisone**

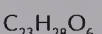
53-03-2 7904 200-160-3



17,21-Dihydroxypregna-1,4-diene-3,11,20-trione.

 δ^1 -dehydrocortisone; δ^1 -cortisone; deltacortisone; delta E; metacortandracin; retrocortine; NSC-10023; Ancortone; Colisone; Cortancyl; Dacortin; Decortancyl; Decortin; Delcortin; Deltacortone; Deltasone; Deltison; Di-Adreson; Encorton; Meticorten; Nurison; Orasone; Paracort; Prednilonga; Pronison; Rectodelt; Sone; Ultracorten. Glucocorticoid. Dec 233-235°; $[\alpha]_D^{25} = +172^\circ$ (in dioxane); $\lambda_m = 238$ nm (ϵ 15500); slightly soluble in H₂O; more soluble in organic solvents. Miles; Parke-Davis; Schering Corp.; Solvay Pharmaceuticals; Upjohn Ltd.**8717 Prednisone 21-Acetate**

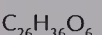
125-10-0 7904 204-726-0



21-(Acetyloxy)-17-hydroxypregna-1,4-diene-3,11,20-trione.

Delta-Cortelan; Hostacortin. Glucocorticoid. Dec 226-232°; $[\alpha]_D^{25} = +186^\circ$ (dioxane); $\lambda_m = 238$ nm (ϵ 16100 EtOH). Schering Corp.**8718 Prednival**

15180-00-4 7905 239-228-2

(11 β)-11,21-Dihydroxy-17-[(1-oxopentyl)oxy]pregna-1,4-diene-3,20-dione.prednisolone 17-valerate; W-4869. Glucocorticoid. mp = 210-213°; $[\alpha]_D = +3.5^\circ$ (dioxane). Parke-Davis; Vismara.**8719 Prednival 21-Acetate**

72064-79-0 7905 276-312-8

(11 β)-21-(Acetyloxy)-11-hydroxy-17-[(1-oxopentyl)oxy]pregna-1,4-diene-3,20-dione.

Aceprevall. Glucocorticoid. Parke-Davis.

8720 Prednylidene

599-33-7 7906 209-964-9

(11 β)-11,17,21-Trihydroxy-16-methylenepregna-1,4-diene-3,20-dione.

16-methylprednisolone; Dacortilen; Decortilen; Sterocort.

Glucocorticoid. mp = 233-235°; $[\alpha]_D^{23} = +31^\circ$ (dioxane); λ_m

= 242 nm (ϵ 15900). *Merck & Co., Inc.*

8721 Prednylidene 21-Diethylaminoacetate Hydrochloride

22887-42-9 7906 245-299-0
 $C_{28}H_{40}ClNO_6$
 (11 β)-11,17-Dihydroxy-16-methylene-3,20-dioxopregna-1,4-dien-21-yl N,N-diethylaminoacetate hydrochloride.
 Decortilen soluble. Glucocorticoid. mp = 245-246°; $[\alpha]_D^{25} = +45^\circ$ (H₂O); $\lambda_m = 246-247$ nm ($E_{1cm}^{1\%}$ 300). *Merck & Co., Inc.*

8722 Procinonide

58497-00-0 261-289-9
 $C_{27}H_{34}F_2O_7$
 (6 α ,11 β ,16 α)-6,9-Difluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-21-(1-oxopropoxy)pregna-1,4-diene-3,20-dione.
 RS-2352. Adrenocortical steroid. *Syntex Labs. Inc.*

8723 Ticabesone

74131-77-4
 $C_{22}H_{28}F_2O_4S$
 (6 α ,11 β ,16 α)-6,9-Difluoro-11-hydroxy-16-methyl-3-oxoandrosta-1,4-diene-17-carbothioic acid S-methyl ester.
 Glucocorticoid. *Syntex Labs. Inc.*

8724 Ticabesone Propionate

73205-13-7
 $C_{25}H_{32}F_2O_5S$
 (6 α ,11 β ,16 α)-6,9-Difluoro-11-hydroxy-16-methyl-3-oxo-17-(oxopropoxy)androsta-1,4-diene-17-carbothioic acid S-methyl ester.
 RS-35909-00-00-0. Glucocorticoid. *Syntex Labs. Inc.*

8725 Timobesone

87116-72-1
 $C_{22}H_{29}FO_3S$
 (11 β ,16 β ,17 α)-17-(Acetoxy)-9-fluoro-11-hydroxy-16-methyl-3-oxoandrosta-1,4-diene-17-carbothioic acid S-methyl ester.
 Adrenocortical steroid. *Syntex Labs. Inc.*

8726 Timobesone Acetate

79578-14-6
 $C_{24}H_{31}FO_4S$
 (11 β ,16 β ,17 α)-9-Fluoro-11-hydroxy-16-methyl-3-oxoandrosta-1,4-diene-17-carbothioic acid S-methyl ester.
 RS-85446-007. Adrenocortical steroid. *Syntex Labs. Inc.*

8727 Tipredane

85197-77-9
 $C_{22}H_{31}FO_2S_2$
 (11 β ,17 α)-17-(Ethylthio)-9-fluoro-11-hydroxy-17-(methylthio)androsta-1,4-diene-3-one.
 SQ-27239. Adrenocortical steroid (topical). *Bristol-Myers Squibb Co.*

8728 Tralonide

21365-49-1
 $C_{24}H_{28}Cl_2F_2O_4$
 (6 α ,11 β ,16 α)-9,11-Dichloro-6,21-difluoro-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione.

Glucocorticoid. *Eli Lilly & Co.; Syntex Labs. Inc.*

8729 Triamcinolone

124-94-7 9727 204-718-7
 $C_{21}H_{27}FO_6$
 (11 β ,16 α)-9-Fluoro-11,16,17,21-tetrahydroxypregna-1,4-diene-3,20-dione.
 CL-19823; Aristocort; Cinolone; Kenacort; Ledercort (tablets); Omicilon; Tricortale; Volon. Glucocorticoid. mp = 269-271°; $[\alpha]_D^{25} = +75^\circ$ (Me₂OH); $\lambda_m = 238$ nm (ϵ 15800). *American Cyanamid; Bristol-Myers Squibb Co.; Fujisawa USA, Inc.*

8730 Triamcinolone Acetonide

76-25-5 9728 200-948-7
 $C_{24}H_{31}FO_6$
 (11 β ,16 α)-9-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione.
 9 α -fluoro-16 α -hydroxyprednisolone; Adcortyl; Azmacort; Delphicort; Extracort; Ftorocort; Kenacort-A; Kenalog; Ledercort Cream; Nasacort; Respicort; Rineton; Solodelf; TAC-3; TAC-40; Tramacin; Triacet; Triam; Triamonide 40; Tricinolon; Trymex; Vetalog; Volon A; Volonimat; component of: Mycolog II, Myco-Triacet II, Mytrex, Panolog. Glucocorticoid; antiasthmatic (inhalant); antiallergic (nasal). mp = 292-294°; $[\alpha]_D^{23} = +109^\circ$ (c = 0.75 in CHCl₃); $\lambda_m = 238$ nm (ϵ 14600 absolute alcohol); sparingly soluble in MeOH, Me₂OH, EtOAc. *American Cyanamid; Bristol-Myers Squibb Co.; Forest Pharmaceuticals Inc.; Herbert; Johnson & Johnson Medical Inc.; Lemmon Co.; Olin Mathieson; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Savage Labs.*

8731 Triamcinolone Acetonide 21-Hemisuccinate

9728
 $C_{28}H_{35}FO_9$
 (11 β ,16 α)-9-Fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione 21-hemisuccinate.
 Solutadarol. Glucocorticoid; antiasthmatic (inhalant); antiallergic (nasal). *American Cyanamid; Olin Mathieson.*

8732 Triamcinolone Acetonide Sodium Phosphate

1997-15-5 9728 217-878-8
 $C_{24}H_{30}FNa_2O_9P$
 (11 β ,16 α)-9-Fluoro-11-hydroxy-16,17-[1-methylethylidenebis(oxy)]-21-(phosphonoxy)pregna-1,4-diene-3,20-dione disodium salt.
 CL-61965; CL-106359; Aristosol. Glucocorticoid; antiasthmatic (inhalant); antiallergic (nasal). *American Cyanamid; Olin Mathieson.*

8733 Triamcinolone Benetonide

31002-79-6 9729 250-427-3
 $C_{35}H_{42}FNO_8$
 (11 β ,16 α)-21-[3-(Benzoylamino)-2-methyl-1-oxopropoxy]-9-fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione.
 triamcinolone acetonide β -benzoylaminoisobutyrate; TBI; Tibicorten. Glucocorticoid; anti-inflammatory (topical). mp = 203-207°; $[\alpha]_D^{20} = +96^\circ$ (c = 1EtOH); soluble in MeOH, EtOH, Me₂OH, dioxane, C₅H₅N, DMF, CHCl₃;

insoluble in H₂O. *Sigma-Tau Pharmaceuticals, Inc.*

8734 Triamcinolone Diacetate

67-78-7 9727 200-669-0

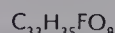


(11 β ,16 α)-16,21-Bis(acetyloxy)-9-fluoro-11,17-dihydroxypregna-1,4-diene-3,20-dione.

triamcinolone 16,21-diacetate; Aristocort Forte Parenteral; Aristocort Syrup; Cenacort; CINO-40; Kenacort Diacetate Syrup; TAC-D; Tracilon; Triamolone 40. Glucocorticoid. mp = 186-188°; $[\alpha]_D^{25} = +22^\circ$ (in CHCl₃); $\lambda_m = 239$ nm (ϵ 15200). *Bristol-Myers Squibb Co.; Forest Pharmaceuticals Inc.; Fujisawa USA, Inc.; Herbert.*

8735 Triamcinolone Furetonide

4989-94-0



(11 β ,16 α)-9-Fluoro-11,16,17,21-tetrahydroxypregna-1,4-diene-3,20-dione with acetone 21-(2-benzofurancarboxylate). Glucocorticoid.

8736 Triamcinolone Hexacetonide

5611-51-8 9730 227-031-4

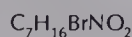


(11 β ,16 α)-21-(3,3-Dimethyl-1-oxobutoxy)-9-fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione.

triamcinolone acetonide tert-butyl acetate; TATBA; CL-34433; Aristospan; Hexatrione; Lederlon; Lederspan. Anti-inflammatory. The hexacetonide ester of the potent glucocorticoid triamcinolone. mp = 295-296°; $[\alpha]_D^{25} = +90^\circ$ ($c = 1.13\%$ CHCl₃); $\lambda_m = 238$ nm (ϵ 15500 EtOH); somewhat soluble in CHCl₃, dimethylacetamide; sparingly soluble EtOAc, MeOH, diethyl carbonate, glycerin, propylene glycol; nearly insoluble in H₂O, absolute alcohol. *American Cyanamid; Herbert.*

Miotics**8737 Acetylcholine Bromide**

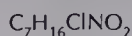
66-23-9 87 200-622-4



2-Acetyloxy-N,N,N-trimethylethanaminium bromide. Pragmoline; Tonocholin B. Cholinergic agent. Also has miotic properties. Very soluble in cold H₂O, decomposed by hot H₂O, soluble in EtOH, insoluble in Et₂O.

8738 Acetylcholine Chloride

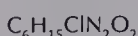
60-31-1 88 200-468-8



2-Acetyloxy-N,N,N-trimethylethanaminium chloride. Acecoline; Arterocoline; Miochol; Ovisot. Cholinergic agent. Also has miotic properties. mp = 149-152°; very soluble in cold H₂O, decomposed by hot H₂O, soluble in EtOH, insoluble in Et₂O; LD₅₀ (rat sc) = 250 mg/kg.

8739 Carbachol

51-83-2 1823 200-127-3



2-[(Aminocarbonyl)oxy]-N,N,N-trimethylethanaminium

chloride.

choline chloride carbamate; Carbastat Intraocular; Isopto Carbachol; Miostat; Carcholin; Moryl; Doryl; Coletyl; Lentin. Cholinergic agent. Also has miotic properties. mp = 200-203°, 204-205°, 210-212°; soluble in H₂O (100 g/100 ml), MeOH (10 g/100 ml), insoluble in CHCl₃, Et₂O; LD₅₀ (mus orl) = 15 mg/kg, (mus iv) = 0.3 mg/kg. *Ciba Vision Ophthalmics; Alcon Labs.*

8740 Neostigmine

59-99-4 6553

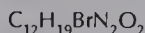


3-[[[(Dimethylamino)carbonyl]oxy]-N,N,N-trimethylbenzenaminium.

synstigmin; proserine. Cholinergic agent. Also a miotic and used as an antidote for curare poisoning. *Hoffmann-LaRoche Inc.*

8741 Neostigmine Bromide

114-80-7 6553 204-054-8

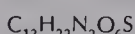


3-[[[(Dimethylamino)carbonyl]oxy]-N,N,N-trimethylbenzenaminium bromide.

Juvastigmin (tabl.); Neoesserin; Neostigmin (tabl.); Normastigmin (tabl.); Prostigmin. Cholinergic agent. Also a miotic and used as an antidote for curare poisoning. mp = 167° (dec); soluble in H₂O (100 g/100 ml), soluble in EtOH. *Hoffmann-LaRoche Inc.*

8742 Neostigmine Methylsulfate

51-60-5 6553 200-109-5

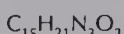


3-[[[(Dimethylamino)carbonyl]oxy]-N,N,N-trimethylbenzenaminium methyl sulfate.

Intrastigmina; Juvastigmin (amp.); Metastigmin; Neostigmin (inj.); Normastigmin (amp.); Prostigmin (amp.); Stiglyn. Cholinergic agent. Also a miotic and used as an antidote for curare poisoning. mp = 142-145°; soluble in H₂O (10 g/100 ml), less soluble in EtOH; LD₅₀ (mus iv) = 0.16 mg/kg, (mus sc) = 0.42 mg/kg, (mus orl) = 7.5 mg/kg. *Hoffmann-LaRoche Inc.*

8743 Physostigmine

57-47-6 7540 200-332-8

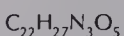


(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-ol methylcarbamate (ester).

Cogmine; Eserine. Cholinergic agent (cholinesterase inhibitor). Also a miotic. mp = 105-106°; $[\alpha]_D^{17} = -76^\circ$ ($c = 1.3$ CHCl₃), $[\alpha]_D^{25} = -120^\circ$ (C₆H₆); soluble in EtOH, C₆H₆, CHCl₃; slightly soluble in H₂O; LD₅₀ (mus orl) = 4.5 mg/kg.

8744 Physostigmine Salicylate

57-64-7 7540 200-343-8



(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-ol methylcarbamate (ester) salicylate.

Antilirium; Isopto Eserine. Cholinergic agent (cholinesterase inhibitor). Also a miotic. mp = 185-187°; $\lambda_m = 239, 252, 303$ nm (log ϵ 4.09, 4.04, 3.78 MeOH); soluble in H₂O (1.33 g/100 ml at 25°, 6.25 g/100 ml at 80°), EtOH (6.25 g/100 ml at 25°, 20 g/100 ml at 76°), CHCl₃ (16.6 g/100 ml), Et₂O (0.4 g/100 ml); LD₅₀. *Forest*

Pharmaceuticals Inc.; Alcon Labs.

8745 Physostigmine Sulfate

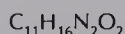
64-47-1 7540 200-585-4



(3a*S*-*cis*)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-*b*]indol-5-ol methylcarbamate (ester) sulfate. Eserine sulfate. Cholinergic agent (cholinesterase inhibitor). Also a miotic. mp = 140°; soluble in EtOH (250 g/100 ml), H₂O (25 g/100 ml), Et₂O (0.83 g/100 ml). *Ciba Vision Ophthalmics*.

8746 Pilocarpine

92-13-7 7578 202-128-4

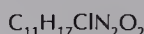


3-Ethyldihydro-4-[(1-methyl-1*H*-imidazol-5-yl)methyl]-2(3*H*)-furanone.

Ocusert Pilo. Antiglaucoma agent, cholinergic (ophthalmic). Also a miotic. mp = 34°; bp₅ = 260°; [α]_D¹⁸ = 106° (c = 2); soluble in H₂O, EtOH, CHCl₃; insoluble in Et₂O, C₆H₆, petroleum ether. *Alcon Labs.*; *Ciba Vision Ophthalmics*; *Wyeth Labs*.

8747 Pilocarpine Hydrochloride

54-71-7 7578 200-212-5



3-Ethyldihydro-4-[(1-methyl-1*H*-imidazol-5-yl)methyl]-2(3*H*)-furanone hydrochloride.

Adorbocarpine; Almocarpine; Isopto Carpine; component of: E-Pilo, Pilocar, Pilopine HS Gel. Antiglaucoma agent, cholinergic (ophthalmic). Also a miotic. mp = 204-205°; [α]_D¹⁸ = 91° (c = 2); freely soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃. *Alcon Labs.*; *Ciba Vision Ophthalmics*; *Wyeth Labs*.

MAO Inhibitors

8748 Almozatone

84145-89-1



(+)-(R)-3-[p-[(m-Chlorobenzyl)oxy]phenyl]-5-[(methylamino)methyl]-2-oxazolidinone.

A short-acting MAO inhibitor.

8749 Amiflamine

77518-07-1

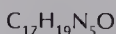


S-(+)-4-Dimethylamino-α,2-dimethylphenethylamine.

A monoamine oxidase inhibitor.

8750 Bazinaprine

94011-82-2

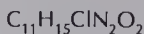


3-(2-Morpholinoethylamino)-4-cyano-6-phenylpyridazine.

SR-95191. A type A monoamine oxidase inhibitor.

8751 Iproclozide

3544-35-2 5092_u 222-589-5



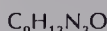
(*p*-Chlorophenoxy)acetic acid 2-isopropylhydrazide.

PC-603; Sursum. Monoamine oxidase inhibitor.

Antidepressant. mp = 93-94°.

8752 Iproniazid

54-92-2 5094 200-218-8

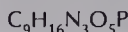


Isonicotinic acid 2-isopropylhydrazide.

Monoamine oxidase inhibitor. Antidepressant. mp = 112.5-113.5°; freely soluble in H₂O, EtOH.

8753 Iproniazid Phosphate

305-33-9 5094 206-164-1



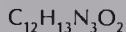
Isonicotinic acid 2-isopropylhydrazide phosphate.

Marsilid. Monoamine oxidase inhibitor. Antidepressant.

mp = 175-184°; λ_m = 265 nm (A_{1 cm}^{1%} 166 MeOH), 264 nm (A_{1 cm}^{1%} 176 H₂O), 267 nm (A_{1 cm}^{1%} = 179 0.1*N* HCl), 244, 272, 308 nm (A_{1 cm}^{1%} 113, 121, 135 0.1*N* KOH); soluble in H₂O (18.8 g/100 ml), MeOH (2.1 g/100 ml), EtOH (0.9 g/100 ml), CHCl₃ (0.06 g/100 ml); insoluble in Et₂O, C₆H₁₄.

8754 Isocarboxazid

59-63-2 5172 200-438-4



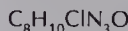
5-Methyl-3-isoxazolecarboxylic acid 2-benzylhydrazide.

Marplan. Monoamine oxidase inhibitor. Antidepressant.

mp = 105-106°; slightly soluble in H₂O, more soluble in organic solvents. *Hoffmann-LaRoche Inc.*

8755 Lazabemide

103878-84-8 5407



N-(2-Aminoethyl)-5-chloropicolinamide.

Ro-19-6327/000. Monoamine oxidase inhibitor. Used as an antiparkinsonian. *Hoffmann-LaRoche Inc.*

8756 Lazabemide Hydrochloride

103878-83-7 5407



N-(2-Aminoethyl)-5-chloropicolinamide hydrochloride.

Ro-19-6327/001. Monoamine oxidase inhibitor. Used as an antiparkinsonian. mp = 193-195°; LD₅₀ (mus orl) = 1000-2000 mg/kg. *Hoffmann-LaRoche Inc.*

8757 Moclobemide

71320-77-9 6309



p-Chloro-*N*-(2-morpholinoethyl)benzamide.

Ro-11-1163/000; Aurorix; Manerix; Moclaime.

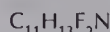
Monoamine oxidase inhibitor. Antidepressant. mp =

137°; LD₅₀ (rat orl) = 707 mg/kg; [hydrochloride

(C₁₃H₁₈Cl₂N₂O₂)]: mp = 208°. *Hoffmann-LaRoche Inc.*

8758 Mofegiline

119386-96-8 6313



(*E*)-2-(Fluoromethylene)-4-(*p*-fluorophenyl)butylamine.

Monoamine oxidase inhibitor. Used as an antiparkinsonian. *Marion Merrell Dow Inc.*

8759 Mofegiline Hydrochloride

120635-25-8 6313



(E)-2-(Fluoromethylene)-4-(p-fluorophenyl)butylamine hydrochloride.

MDL-72974A. Monoamine oxidase inhibitor. Used as an antiparkinsonian. mp = 131°. *Marion Merrell Dow Inc.*

8760 Octamoxin

4684-87-1 6845

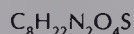


(1-Methylheptyl)hydrazine.

octomoxine; Ximaol. Monoamine oxidase inhibitor. Antidepressant. *Octel Chemicals Ltd.*

8761 Octamoxin Sulfate

3845-07-6 6845



(1-Methylheptyl)hydrazine sulfate.

Nimaol. Monoamine oxidase inhibitor. Antidepressant. mp = 78-80°. *Octel Chemicals Ltd.*

8762 Pargyline

555-57-7 7172 209-101-6

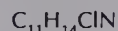


N-Methyl-N-2-propynylbenzylamine.

MO-911; A-19120; Eudatin; Supirdyl. Monoamine oxidase inhibitor. Antihypertensive bp₁₁ = 96-97°. *Abbott Labs.*

8763 Pargyline Hydrochloride

306-07-0 7172 206-175-1



N-Methyl-N-2-propynylbenzylamine hydrochloride.

Eutonyl; A-19120; MO-911; NSC-43978; component of: Eutron. Monoamine oxidase inhibitor. Antihypertensive mp = 154-155°; readily soluble in H₂O. *Abbott Labs.*

8764 Phenelzine

51-71-8 7366 200-117-9



Phenethylhydrazine.

phenalzine. Monoamine oxidase inhibitor. Antidepressant. bp_{0.1} = 74°; [hydrochloride (C₈H₁₃ClN₂)]: mp = 174°. *Lakeside Biotechnology.*

8765 Phenelzine Dihydrogen Sulfate

156-51-4 7366 205-856-0

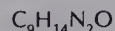


Phenethylhydrazine sulfate.

W-1544a; Nardelzine; Nardil; Stinerval. Monoamine oxidase inhibitor. Antidepressant. Soluble in H₂O; LD₅₀ (mus orl) = 156 mg/kg. *Lakeside Biotechnology.*

8766 Phenoxypropazine

3818-37-9 7411

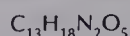


(1-Methyl-2-phenoxy)hydrazine.

fenoxypropazine. Formerly used as a monoamine oxidase inhibitor. bp_{0.2} = 98-102°.

8767 Phenoxypropazine Maleate

3941-06-8 7411



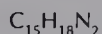
(1-Methyl-2-phenoxy)hydrazine maleate.

Drazine. Formerly used as a monoamine oxidase inhibitor. mp = 107-108°; very soluble in H₂O, less

soluble in EtOH, iPrOH.

8768 Pirlindole

60762-57-4

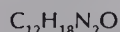


2,3,3a,4,5,6-Hexahydro-8-methyl-1H-pyrazino[3,2,1-jk]carbazole.

pyrazidole. A selective and reversible monoamine oxidase A inhibitor. Antidepressant.

8769 Pivalylbenzhydrazine

306-19-4 7668 206-180-9



2,2-Dimethylpropanoic acid.

pivhydrazine; Ro-4-1634; Tersavid. Monoamine oxidase inhibitor. mp = 68-69°. *Hoffmann-La Roche Inc.*

8770 Prodipine

31314-38-2 7949

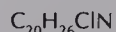


1-(1-Methylethyl)-4,4-diphenylpiperidine.

Monoamine oxidase inhibitor. Used as an antiparkinsonian. bp_{0.01} = 117-125°. *Byk Gulden.*

8771 Prodipine Hydrochloride

31314-39-3 7949

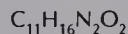


1-(1-Methylethyl)-4,4-diphenylpiperidine hydrochloride.

Anthen. Monoamine oxidase inhibitor. Used as an antiparkinsonian. mp = 267°. *Byk Gulden.*

8772 Safrazine

33419-68-0

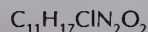


β-Piperonylisopropyl hydrazine.

Monoamine oxidase inhibitor.

8773 Safrazine Hydrochloride

7296-30-2



β-Piperonylisopropyl hydrazine hydrochloride.

Monoamine oxidase inhibitor.

8774 Selegiline

14611-51-9 8569



(-)-(R)-N,α-Dimethyl-N-2-propynylphenethylamine.

(-)-deprenil; L-deprenyl. Monoamine oxidase inhibitor.

Used as an antiparkinsonian. bp_{0.8} = 92-93°; [α]_D²⁰ = -11.2°; [(dl-form)]: bp₅ = 103-110°. *Somerset Pharmaceuticals Inc; Chinoïn.*

8775 Selegiline Hydrochloride

14611-52-0 8569



(-)-(R)-N,α-Dimethyl-N-2-propynylphenethylamine hydrochloride.

Eldepryl; Jumex; Movergan; Plurimen; Déprényl; Eldéprine. Monoamine oxidase inhibitor. Used as an antiparkinsonian. mp = 141-142°; [α]_D²⁵ = -10.8° (c = 6.48

H₂O); LD₅₀ (rat iv) = 81 mg/kg, (rat sc) = 280 mg/kg; [(dl)-hydrochloride (E250)]: LD₅₀ (rat iv) = 63 mg/kg, (rat 2c 126 mg/kg, (rat orl) = 385 mg/kg. *Somerset Pharmaceuticals Inc; Chinoïn.*

8776 Toloxatone

29218-27-7 9659 249-522-2
 $C_{11}H_{13}NO_3$
 5-(Hydroxymethyl)-3-m-tolyl-2-oxazolidinone.
 MD-69276; Humoryl; Perenum. Monoamine oxidase inhibitor. Antidepressant. mp = 76°; LD₅₀ (mus orl) = 1850 mg/kg, 1500 mg/kg. *Delandale Labs., Ltd.*

8777 Tranlycypromine

155-09-9 9708 205-841-9
 $C_9H_{11}N$
 (±)-trans-2-Phenylcyclopropylamine.
 SK&F-trans-385. Monoamine oxidase inhibitor. Antidepressant. bp_{1.5-1.6} = 79-80°; [hydrochloride]: mp = 164-166°. *SmithKline Beecham Pharmaceuticals.*

8778 Tranlycypromine Sulfate

13492-01-8 9708 236-807-1
 $C_{18}H_{24}N_2O_4S$
 (±)-trans-2-Phenylcyclopropylamine sulfate (2:1). Parnate; Tylciprine. Monoamine oxidase inhibitor. Antidepressant. Soluble in H₂O; less soluble in EtOPH, Et₂O; insoluble in CHCl₃. *SmithKline Beecham Pharmaceuticals.*

Mucolytics

8779 Acetylcysteine

616-91-1 89 210-498-3
 $C_5H_9NO_3S$
 L-α-Acetamido-β-mercaptopropionic acid. Airbron; Broncholsin; Brunac; Fabrol; Fluatox; Fluimucil; Fluimucetin; Fluprowit; Mucocedyl; Mucolator; Mucolyticum; Mucomyst; Muco Sanigen; Mucosolvin; Mucret; NAC; Neo-Fluimucil; Parvolex; Respaire; Tixair. A mucolytic. Used as a corneal vulnerary and also as an antidote in acetaminophen poisoning. mp = 109-110°; LD₅₀ (rat orl) = 5050 mg/kg. *Mead Johnson Pharmaceuticals.*

8780 Bromhexine

3572-43-8 1412 222-684-1
 $C_{14}H_{20}Br_2N_2$
 2-Amino-3,5-dibromo-N-cyclohexyl-N-methylbenzenemethanamine. An expectorant and mucolytic. mp = 237.5-238° (dec); soluble in H₂O (0.4 g/100 ml); LD₅₀ (rbt orl) >10000 mg/kg.

8781 Bromhexine Hydrochloride

611-75-6 1412 210-280-8
 $C_{14}H_{21}Br_2ClN_2$
 2-Amino-3,5-dibromo-N-cyclohexyl-N-methylbenzenemethanamine hydrochloride. NA-274; Auxit; Bisolvon; Ophthosol; Quantan. An expectorant and mucolytic.

8782 Carbocysteine

638-23-3 1850 211-327-5
 $C_5H_9NO_4S$
 3-[(Carboxymethyl)thio]alanine. Loviscol; Mucofan; AHR-3053; LJ-206; Carbocit; Fluifort; Lisil; Lisomucil; Muciclar; Mucocis; Mucodyne;

Mucolase; Mucolax; Mucopront; Mucotab; Mukinyl; Pectox; Pulmoclast; Reomucil; Rhinathiol; Siroxyl; Thiodril; Transbronchin. An expectorant and mucolytic. [L-form]: mp = 204-207°; [α]_D²⁴ = 0.5° (1N HCl). *Lederle Labs.*

8783 Dembrexine

83200-09-3
 $C_{13}H_{17}Br_2NO_2$
 trans-4-[(3,5-Dibromosalicyl)amino]cyclohexanol. Mucolytic.

8784 Dimesna

16208-51-8
 $C_4H_8Na_2O_6S_4$
 Disodium 2,2'-dithiodiethanesulfonate. Mucolytic, detoxifying agent.

8785 Domiodol

61869-07-6 3473
 $C_5H_9IO_3$
 2-(Iodomethyl)-1,3-dioxolane-4-methanol. M.G. 13608; Mucolitico. A mucolytic. LD₅₀ (mmus ip) = 79 mg/kg, (mmus orl) = 140 mg/kg, (fms orl) = 89 mg/kg, (fms orl) = 145 mg/kg; [cis form]: bp_{0.2} = 106-108°; LD₅₀ (mmus orl) = 135 mg/kg; [trans form]: bp_{0.2} = 114-116°; LD₅₀ (mmus orl) = 150 mg/kg. *Maggioni Farmaceutici S.p.A.*

8786 Erdosteine

84611-23-4 3684
 $C_8H_{11}NO_4S_2$
 (±)-[[[(Tetrahydro-2-oxo-3-thienyl)carbamoyl]methyl]-thio]acetic acid. dithiosteine; RV-144; Secresolv. A mucolytic. mp = 156-158°; LD₅₀ (mus orl) > 10000 mg/kg, (rat orl) > 3500 mg/kg. *Refarmed.*

8787 Guaimesal

81674-79-5
 $C_{16}H_{14}O_5$
 (±)-2-(o-Methoxyphenoxy)-2-methyl-1,3-benzodioxan-4-one. Mucolytic.

8788 Letosteine

53943-88-7 5473 258-879-3
 $C_{10}H_{17}NO_4S_2$
 2-[2-[(Carboxymethyl)thio]ethyl]-4-thiazolidinecarboxylic acid 2-ethyl ester. Visotiol. A mucolytic. mp = 142°. *Ferlux-Chemie.*

8789 Lysozyme

9001-63-2 5671 232-620-4
 N-Acetylmuramide glycanohydrolase. Muramidase; N-acetylmuramyl hydrolase; Globulin G₂. Enzyme of molecular weight 14,400 ± 100. Found in tears, nasal mucus, milk, blood serum and saliva. A mucolytic.

8790 Lysozyme Hydrochloride

9066-59-5 5671
 N-Acetylmuramide glycanohydrolase hydrochloride. Acdeam; Antalzyme; Immunozima; Lanzyme; Leftose; Likinozym; Lisozima; Murazyme; Neutase; Neuzyme;

Toyolysom-DS. Derivative of lysozyme. A mucolytic.

8791 Mecysteine Hydrochloride

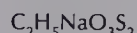
18598-63-5 5828 242-435-0



Methyl α -amino- β -mercaptopropionate hydrochloride. LJ-48; Acdrile; Visclair. A mucolytic. mp = 140-141°; $[\alpha]_D^{20}$ = -2.9° (MeOH).

8792 Mesna

19767-45-4 5969 243-285-9

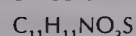


Sodium 2-mercaptoethanesulfonate.

D-7093; Mesnex; UCB-3983; Mistabron; Mistabronco; Mucofluid; Uromitexan. A mucolytic. Also used as a detoxifying agent, particularly in connection with alkylating agents used in cancer chemotherapy. Freely soluble in H_2O , less soluble in organic solvents; LD₅₀ (mmus iv) = 1887 mg/kg, (mmus ip) = 2005 mg/kg, (mmus orl) = 6102 mg/kg, (fms iv) = 2048 mg/kg, (fms ip) = 2098 mg/kg, (fms orl) > 7200 mg/kg, (mrat iv) = 2098 mg/kg, (mrat ip) = 1529. *Bristol-Myers Oncology; UCB; Asta-Werke AG.*

8793 Nesosteine

84233-61-4



α -(3-Thiazolidinylcarbonyl)benzoic acid.

CO-1177. Reduces mucus viscosity and induces improvement in mucociliary clearance. Mucolytic.

8794 Sobrerol

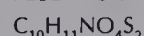
498-71-5 8707 207-868-1



5-Hydroxy- $\alpha,\alpha,4$ -trimethyl-3-cyclohexene-1-methanol. 6,8-carvomenthenediol; l-p-menthene-6,8-diol; pinol hydrate. A mucolytic. [dl-trans-form]: mp = 130-131.5°; bp = 270-271°; soluble in H_2O (3.3 g/100 ml at 15°); LD₅₀ (mus, rat iv) = 580 mg/kg; [d- or l-trans-form]: mp = 150°; $[\alpha]_D^{20}$ = ($\pm$) 150° resp. (c = 10 EtOH). *Glidden Co.; Camillo-Corvi.*

8795 Stepronin

72324-18-6 8963 276-587-4

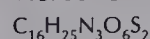


N-(2-Mercaptopropionyl)glycine 2-thiophenecarboxylate (ester).

TTPG; prostenoglycine; Tiase. A mucolytic. mp = 168-170°; λ_m = 292 nm; LD₅₀ (mus orl) > 2500 mg/kg, (mus iv) > 1250 mg/kg, (rat orl) > 2500 mg/kg, (rat im) = 1801 mg/kg. *Mediolanum Farmaceutici.*

8796 Stepronin Lysine Salt

113790-28-6 8963

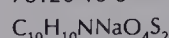


N-(2-Mercaptopropionyl)glycine 2-thiophenecarboxylate (ester) lysine (salt).

Masor; Mucodil. A mucolytic. *Mediolanum Farmaceutici.*

8797 Stepronin Sodium Salt

78126-10-0 8963



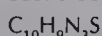
N-(2-Mercaptopropionyl)glycine 2-thiophenecarboxylate (ester) sodium salt.

Broncoplus; Tioten. A mucolytic. *Mediolanum*

Farmaceutici.

8798 Tasuldine

88579-39-9



2-[(3-Pyridinylmethyl)thio]pyrimidine.

HE-10004. Bronchosecretolytic agent; systemic-mucolytic.

8799 Tiopronin

1953-02-2 9597 217-778-4



N-(2-Mercaptopropionyl)glycine.

Arcadione; Capen; Epatiol; Mucolysin; Thiola; Thiosol. A mucolytic and hepatoprotectant. Also used as an antidote for heavy metal poisoning. mp = 95-97°; LD₅₀ (mus iv) = 2100 mg/kg. *Santen.*

8800 Tyloxapol

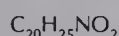
25301-02-4 9964

p-(1,1,3,3-Tetramethylbutyl)phenol polymer with ethylene oxide and formaldehyde.

Superinone; Alevoire; tyloxypal; Triton A-20; Triton WR-1339; component of: Enuclene, Exosurf. A nonionic detergent with surface-tension-reducing properties. Used as a mucolytic. Freely soluble in H_2O ; soluble in C_6H_6 ; C_2H_5 , CHCl_3 , CCl_4 , CS_2 , AcOH. *Alcon Labs.; Rohm & Haas; Sterling Winthrop, Inc.; Glaxo Wellcome Inc.*

Muscle Relaxants**8801 Adiphenine**

64-95-9 160

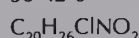


2-(Diethylamino)ethyl diphenyl acetate.

Trasentine; Diphacil; Difacil. Anticholinergic and muscle relaxant. *Ciba plc.*

8802 Adiphenine Hydrochloride

50-42-0 160 200-036-9

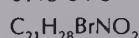


2-(Diethylamino)ethyl diphenyl acetate hydrochloride.

NSC-129224; Trasentine hydrochloride; Diphacil hydrochloride; Difacil hydrochloride; Spasmolytin; Patrovina. Anticholinergic and muscle relaxant. mp = 113-114°; freely soluble in H_2O ; poorly soluble in EtOH, Et₂O. *Ciba plc.*

8803 Adiphenine Methyl Bromide

6113-04-8 160 228-077-8

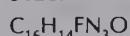


2-(Diethylaminoethyl diphenyl acetate methyl bromide.

Lunal. Anticholinergic and muscle relaxant. LD₅₀ (rbt iv) = 22.5-27.5 mg/kg. *Ciba plc.*

8804 Afloqualone

56287-74-2 181

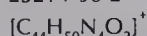


6-Amino-2-(fluoromethyl)-3-o-tolyl-4-(3H)-quinazolinone.

HQ-495; Aroft; Arofuto. Skeletal muscle relaxant. mp = 195-196°; LD₅₀ (mus ip) = 315.1 mg/kg. *Tanabe Seiyaku.*

8805 Alcuronium

23214-96-2 222



4,4'-Didemethyl-4,4'-di-2-propenyltoxiferine.
diallylnortoxiferine; diallyltoxiferine. Skeletal muscle
relaxant. [di-iodide ($C_{44}H_{50}I_2N_4O_2$)] λ_m = 291 nm (ϵ =
39900 MeOH). *Hoffmann-LaRoche Inc.*

8806 Alcuronium Dichloride

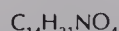
15180-03-7 222 239-229-8



N,N'-Diallylnortoxiterinium dichloride.
Ro-4-3816; Alloferin; Toxiferene. Skeletal muscle
relaxant. $[\alpha]_D^{22}$ = -348° (MeOH); λ_m = 292 nm (ϵ 43000
MeOH). *Hoffmann-LaRoche Inc.*

8807 Ambenoxan

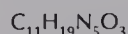
2455-84-7 219-531-6



N-[2-(2-Methoxyethoxy)ethyl]-1,4-benzodioxan-2-
methylamine.
Muscle relaxant.

8808 Ambuphylline

5634-34-4 404 227-077-5



3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione
compound with 2-amino-2-methyl-1-propanol.
Butaphyllamine; Buthoid; Bufylline; component of:
Nethaphyl. Smooth muscle relaxant, used as a
bronchodilator. mp = 254-256°; soluble in H₂O (55 g/100
ml); LD₅₀ (rbt iv) = 163 mg/kg, (mus orl) = 600 mg/kg.
Marion Merrell Dow Inc.

8809 Aminophylline

317-34-0 485 206-264-5



3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione
compound with ethylenediamine (2:1).
Aminophyllin; Phyllocontin; Rectalad Aminophylline;
Somophyllin; component of: Mudrane Tablets, Mudrane
2 Tablets, Mudrane GG Tablets, Mudrane GG-2 Tablets;
theophyllamine; Carena; Inophylline; Metaphyllin;
Theophyllidine; Aminocardol; Aminodur; Ammophyllin;
Cardiofilina; Cardophyllin; Phylcardin; Tefamin;
Cardiomin; Grifomin; Minaphil; Pecram; Peterphyllin;
Phyllocontin; Somophyllin; Stenovasan; Theodrox;
Cardophyllin; Diophyllin; Euphyllin CR; Genophyllin;
Phyllindon; Theolamine; Theomin. Smooth muscle
relaxant, used as a bronchodilator. Soluble in H₂O (20
g/100 ml); insoluble in EtOH, Et₂O; LD₅₀ (mus orl) = 540
mg/kg. *Searle, G.D., & Co.; Elkins-Sinn; Purdue Pharma
L.P.; Wallace Labs.; Fisons Corp.; ECR Pharmaceuticals.*

8810 Atracurium Besylate

64228-81-5 900 264-743-4



2-(2-Carboxyethyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-
methyl-1-veratrylisoquinolinium benzenesulfonate
pentamethylene ester.
Tracrium; BW-33A; Wellcome 33-A-74. Skeletal muscle
relaxant. mp = 85-90°. *Glaxo Wellcome Inc.*

8811 Atracurium Besylate, 1R-cis, 1R'-cis form

96946-42-8 900

$C_{65}H_{82}N_2O_{18}S_2$
(1R-cis,1R'-cis)-2-(2-Carboxyethyl)-1,2,3,4-tetrahydro-
6,7-dimethoxy-2-methyl-1-veratrylisoquinolinium
benzenesulfonate pentamethylene ester.
Tracrium; BW-33A; 51W89; Nimbox; cisatracurium
besylate. Skeletal muscle relaxant. White solid. *Glaxo
Wellcome Inc.*

8812 Azumolene

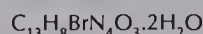
64748-79-4



1-[[[5-(p-Bromophenyl)-2-oxazolyl]methylene]amino]hydan-
toin. Skeletal muscle relaxant.

8813 Azumolene Sodium

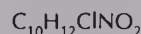
91524-18-4



1-[[[5-(p-Bromophenyl)-2-oxazolyl]methylene]amino]-
hydantoin sodium salt dihydrate.
EU-4093. Skeletal muscle relaxant.

8814 Baclofen

1134-47-0 967 214-486-9



β -(Aminomethyl)-p-chlorohydrocinnamic acid.
Lioresal; Ba-34,647; Baclo. Skeletal muscle relaxant. mp
= 206-208°, 189-191°; LD₅₀ (mmus iv) = 45 mg/kg,
(mmus sc) = 103 mg/kg, (mmus orl) = 200 mg/kg, (mrat
iv) = 78 mg/kg, (mrat sc) = 115 mg/kg, (mrat orl) = 145
mg/kg; [hydrochloride]: mp = 179-181°. *Ciba-Geigy
Corp.; C.M. Industries.*

8815 Benzocetamine

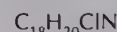
17243-39-9 1117



N-Methyl-9,10-ethanoanthracene-9(10H)-methylamine.
Skeletal muscle relaxant and anxiolytic. *Ciba-Geigy Corp.*

8816 Benzocetamine Hydrochloride

10085-81-1 1117 233-216-0



N-Methyl-9,10-ethanoanthracene-9(10H)-methylamine
hydrochloride.
Ba-30803; Tacitin. Skeletal muscle relaxant and
anxiolytic. mp = 320-322°; LD₅₀ (rat orl) = 700 $\pm$ 170
mg/kg. *Ciba-Geigy Corp.*

8817 Benzoquinonium Chloride

311-09-1 1137



N,N'-[(3,6-Dioxo-1,4-cyclohexadiene-1,4-diyl)bis(imino-
3,1-propanediyl)]bis[N,N-
diethylbenzenemethanaminium]dichloride.
Win-2747; Mytolon; Amilyt. Skeletal muscle relaxant. mp
= 191-195°; freely soluble in H₂O. *Sterling Research Labs.*

8818 Candocuronium Iodide

54278-85-2



17a,17a-Dimethyl-3 β -(1-methylpyrrolidinio)-17a-
azoniaD-homoandrost-5-ene diiodide.
chandonium iodide. A muscle relaxant.

8819 Carisoprodol

78-44-4 1889 201-118-7
 $C_{12}H_{24}N_2O_4$
 2-Methyl-2-propyl-1,3-propanediol carbamate isopropylcarbamate.
 Relax; Soma; isopropyl meprobamate; carisoprodolate; Apesan; Arusal; Caprodat; Carisoma; Domarax; Flexal; Flexartal; Miolisodal; Mioril; Relasom; Sanoma; Somadril; Somalgit. Skeletal muscle relaxant. mp = 92-93°; soluble in organic solvents, poorly soluble in H_2O (0.03 g/100 ml at 25°, 0.140 g/100 ml at 50°); LD₅₀ (mus orl) = 2340 mg/kg, (mus ip) = 980 mg/kg, (rat orl) = 1320 mg/kg, (rat ip) = 450 mg/kg. *Schering Corp.; Wallace Labs.*

8820 C-Calebassine

7257-29-6 1762
 $[C_{40}H_{48}N_4O_2]^{2+}$
 C-Strychnotoxine.
 C-Toxiferene II. Skeletal muscle relaxant. [dichloride ($C_{40}H_{48}Cl_2N_4O_2$): $[\alpha]_D^{20} = 72.1^\circ$ (c = 0.67 H_2O); $\lambda_m = 253$, 302 nm (+log $\epsilon = 4.37$, 3.77, H_2O); [dipicrate ($C_{52}H_{52}N_{10}O_{16}$): mp = 215°; insoluble in H_2O , EtOH, MeOH, dioxane, slightly soluble in Me_2CO .

8821 Chlormezanone

80-77-3 2155 201-307-4
 $C_{11}H_{12}ClNO_3S$
 2-(p-Chlorophenyl)tetrahydro-3-methyl-4H-1,3-thiazin-4-one.
 Trancopal; Alinam; Banabin-Syntyal; Fenarol; Lobak; Mio-Sed; Rexan; Rilansyl; Rilaquil; Rilasel; Supotran; Suprotan; Tanafol; Trancote; Transanate. Skeletal muscle relaxant and anxiolytic. mp = 116.2-118.2°; almost insoluble in H_2O , poorly soluble in EtOH. *Sterling Winthrop, Inc.*

8822 Chlorphenesin Carbamate

886-74-8 2231 212-954-7
 $C_{10}H_{12}ClNO_4$
 3-(p-Chlorophenoxy)-1,2-propanediol 1-carbamate.
 Maolate; U-19646; Rinlaxer. Skeletal muscle relaxant. mp = 89-91°; insoluble in H_2O , C_6H_6 , C_6H_{12} , soluble in EtOH, Me_2CO , EtOAc, dioxane; LD₅₀ (rat orl) = 748 mg/kg, (mus iv) = 239 mg/kg. *Pharmacia & Upjohn, Inc.*

8823 Chlorproethazine

84-01-5 2236 201-510-8
 $C_{19}H_{24}N_2S$
 2-Chloro-10-(3-diethylaminopropyl)phenothiazine.
 RP-4909. Skeletal muscle relaxant and antipsychotic. mp = 225-240°. *Rhône-Poulenc.*

8824 Chlorproethazine Hydrochloride

4611-02-3 2236 225-018-8
 $C_{19}H_{23}ClN_2S$
 2-Chloro-10-(3-diethylaminopropyl)phenothiazine hydrochloride.
 Neuriplege. Skeletal muscle relaxant and antipsychotic. mp = 178°; soluble in H_2O (1.67 g/100 ml), EtOH (0.33 g/100 ml), $CHCl_3$ (20 g/100 ml); insoluble in Me_2CO , C_6H_6 , Et_2O . *Rhône-Poulenc.*

8825 Chlorzoxazone

95-25-0 2249 202-403-9



5-Chloro-2-benzoxazolinone.

Paraflex; Parafor Forte DSC; Biomioran; Solaxin. Skeletal muscle relaxant. mp = 191-191.5°; sparingly soluble in H_2O ; soluble in MeOH, EtOH, iPrOH; [suspension]: LD₅₀ (mus orl) = 3650 mg/kg, (mus ip) = 380 mg/kg; [sodium salt]: LD₅₀ (mus orl) = 440 mg/kg, (mus ip) = 183 mg/kg. *Lemmon Co.; McNeil Pharmaceutical.*

8826 Cinflumide

64379-93-7
 $C_{12}H_{12}FNO$
 (E)-N-Cyclopropyl-m-fluorocinnamamide.
 BW-532U. Skeletal muscle relaxant. *Glaxo Wellcome Inc.*

8827 Cinnamedrine

90-86-8 2357 202-021-2
 $C_{19}H_{23}NO$
 α -[1-(Cinnamylmethylamino)ethyl]benzyl alcohol.
 N-cinnamylephedrine. Smooth muscle relaxant, used as an antispasmodic. mp = 72-78°; [dl-hydrochloride]: mp = 180-185°; soluble in H_2O (1.25 g/100 ml at 20°), EtOH (10 g/100 ml at 20°), $CHCl_3$ (2 g/100 ml); sparingly soluble in Et_2O , C_6H_6 . *Winthrop.*

8828 Clodanoleme

14796-28-2
 $C_{14}H_9Cl_2N_3O_3$
 1-[[5-(3,4-Dichlorophenyl)furfurylidene]amino]hydantoin.
 F-413. Skeletal muscle relaxant.

8829 Curare

8063-06-7 2741 232-511-1
 Ourari; urari; woorari; wourara. Extracts from bark of various Strychnos and Chondodendron species. Used as an arrow poison. The main active ingredient is (+)-tubocurarine chloride. Skeletal muscle relaxant.

8830 Cyclarbamate

5779-54-4 2772 227-302-7
 $C_{21}H_{24}N_2O_4$
 1,1-Cyclopentanedimethanol dicarbanilate.
 C-1428; BSM-906M; Calmalone; Casmalon. Skeletal muscle relaxant and anxiolytic. mp = 151-152°; insoluble in H_2O ; slightly soluble in EtOH, glycerol, propylene glycol. *Lab. Cassenne.*

8831 Cyclobenzaprine

303-53-7 2782 206-145-8
 $C_{20}H_{21}N$
 N,N-Dimethyl-5H-dibenzo[a,d]cycloheptene- $\Delta^{5,\sigma}$ -propylamine.
 MK-130; Ro-4-1577; RP-9715. Skeletal muscle relaxant. bp₁ = 175-180°; $\lambda_m = 224$, 289 nm (log $\epsilon = 4.57$, 4.02). *Hoffmann-LaRoche Inc.; Merck & Co., Inc.; Apothecon.*

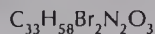
8832 Cyclobenzaprine Hydrochloride

6202-23-9 2782 228-264-4
 $C_{20}H_{22}ClN$
 N,N-Dimethyl-5H-dibenzo[a,d]cycloheptene- $\Delta^{5,\sigma}$ -propylamine hydrochloride.
 Flexeril; Flexiban. Skeletal muscle relaxant. mp = 216-218°; soluble in H_2O (> 20 g/100 ml); freely soluble in

MeOH, EtOH; sparingly soluble in iPrOH, CHCl_3 , CH_2Cl_2 ; insoluble in hydrocarbons; $\lambda_m = 226, 295 \text{ nm}$ ($\epsilon = 52300, 12000$); LD_{50} (mus iv) = 325 mg/kg, (mus orl) = 250 mg/kg. *Hoffmann-LaRoche Inc.; Merck & Co., Inc.; Apothecan.*

8833 Dacuronium Bromide

27115-86-2



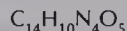
(3 α ,17 β -Dihydroxy-5 α -androstane-2 β ,16 β -ylene)bis(1-methylpiperidinium)dibromide 3-acetate.
Muscle relaxant.

8834 Dantrolene

7261-97-4

2879

230-684-8



1-[[5-(p-Nitrophenyl)furfurylidene]amino]hydantoin.
F-368. Skeletal muscle relaxant. mp = 279-280°.
Norwich; Procter & Gamble Pharmaceuticals, Inc.

8835 Dantrolene Sodium Salt

24868-20-0

2879



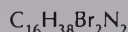
1-[[5-(p-Nitrophenyl)furfurylidene]amino]hydantoin sodium salt.
Dantrium[as hemiheptahydrate]; Dantamacrin; Dantrix [as tetrahydrate]. Skeletal muscle relaxant. Slightly soluble in H_2O . *Norwich; Procter & Gamble Pharmaceuticals, Inc.*

8836 Decamethonium Bromide

541-22-0

2904

208-772-2



Decamethylenebis(trimethylammonium) dibromide.
C-10; Syncurine. Skeletal muscle relaxant. mp = 268-270° (dec); soluble in H_2O , EtOH; poorly soluble in CHCl_3 ; insoluble in Et_2O .

8837 Diazepam

439-14-5

3042

207-122-5

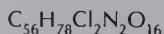


7-Chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one.
Alupram; Valium; Valrelease; LA-111; Ro- 5-2807; Wy-3467; NSC-77518; Apaurin; Atensine; Atilen; Bialzepam; Calmpose; Ceregular; Dialar; Diazemuls; Dipam; Eridan; Eurosan; Evacalm; Faustan; Gewacalm; Horizon; Lamra; Lembrol; Levium; Mandrozep; Neurolytril; Noan; Novazam; Paceum; Pacitran; Paxate; Paxel; Pro-Pam; Q-Pam; Relanium; Sedapam; Seduxen; Servizepam; Setonil; Solis; Stesolid; Tranquase; Tranquo-Puren; Tranquo-Tablinen; Unisedil; Valaxona; Valiquid; Valium; Valrelease; Vival; Vivol. Anxiolytic and skeletal muscle relaxant. Pharmaceutical preparation for the treatment of depression. mp = 125-126°; soluble in DMF, CHCl_3 , C_6H_6 , Me_2CO , EtOH; slightly soluble in H_2O ; LD_{50} (rat orl) = 710 mg/kg. *Hoffmann-LaRoche Inc.; Berk Pharmaceuticals Ltd.*

8838 Doxacurium Chloride

106819-53-8

3487



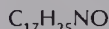
(1R,2S;1S,2R)-1,2,3,4-Tetrahydro-2-(3-hydroxypropyl)-6,7,8-trimethoxy-2-methyl-1-(3,4,5-trimethoxybenzylisoquinolinium chloride succinate

mixture with ($\pm$)-(1R*,2S*;1S*,2R*)-1,2,3,4-tetrahydro-2-(3-hydroxypropyl)-6,7,8-trimethoxy-2-methyl-1-(3,4,5-trimethoxybenzylisoquinolinium chloride succinate (2:1).
Nuromax; BW-A938U. Skeletal muscle relaxant. Soluble in H_2O . *Glaxo Wellcome Inc.*

8839 Eperisone

64840-90-0

3642

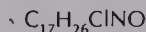


4'-Ethyl-2-methyl-3-piperidinopropiophenone.
Skeletal muscle relaxant. *Eisai.*

8840 Eperisone Hydrochloride

56839-43-1

3642



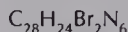
4'-Ethyl-2-methyl-3-piperidinopropiophenone hydrochloride.
EMPP; E-646; Mional; Myonal. Skeletal muscle relaxant. mp = 170-172°; LD_{50} (rat orl) = 1300-1850 mg/kg, (mus orl) = 1024 mg/kg. *Eisai.*

8841 Fazadinium Bromide

49564-56-9

3981

256-378-4



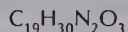
1,1'-Azobis[3-methyl-2-phenyl-1H-imidazol[1,2-a]pyridin-4-ium] dibromide.
AH-8165D; Fazadon. A short-acting curarimimetic. Used as a skeletal muscle relaxant. mp = 215-219°, 218-220°; $\lambda_m = 285, 297 \text{ nm}$ ($\log \epsilon = 4.04, 4.34 \text{ H}_2\text{O}$); LD_{50} (mus iv) = 0.31 mg/kg. *Allen & Hanbury.*

8842 Fenalamide

4551-59-1

3995

224-917-2

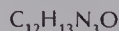


Ethyl N-[2-(diethylamino)ethyl]-2-ethyl-2-phenylmalonamate.

Skeletal muscle relaxant. Used as an antispasmodic. $\text{bp}_3 = 182-188^\circ$; insoluble in H_2O , soluble in EtOH, MeOH, EtOAc, C_6H_6 , CHCl_3 , Et_2O , mineral acids; [hydrobromide]: mp = 74-80° (dec); [hydrochloride]: mp = 71-74°. *Marion Merrell Dow Inc.*

8843 Fenyripol

3607-24-7



α -[(2-Pyrimidinylamino)methyl]benzyl alcohol.
Skeletal muscle relaxant.

8844 Fenyripol Hydrochloride

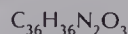
2441-88-5



α -[(2-Pyrimidinylamino)methyl]benzyl alcohol hydrochloride.
IN-836; NSC-43183. Skeletal muscle relaxant.

8845 Fetoxylate

54063-4S-5

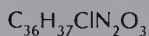


2-Phenoxyethyl 1-(3-cyano-3,3-diphenylpropyl)-4-phenylisonipecotate.

Smooth muscle relaxant. *McNeil Pharmaceutical; Janssen Pharmaceutical, Belgium.*

8846 Fetoxylyate Hydrochloride

23607-71-8



2-Phenoxyethyl 1-(3-cyano-3,3-diphenylpropyl)-4-phenylisopropylate hydrochloride.

McN-JR-13558-11; R-13558. Smooth muscle relaxant.

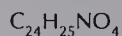
McNeil Pharmaceutical; Janssen Pharmaceutical, Belgium.

8847 Flavoxate

15301-69-6

4135

239-337-5



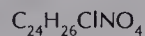
2-Piperidinoethyl 3-methyl-4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylate.

Smooth muscle relaxant. Slightly soluble in H_2O (0.001 g/100 ml), soluble in EtOH, $CHCl_3$; LD_{50} (rat orl) = 1110 mg/kg, (rat iv) = 20.8 mg/kg. *SmithKline Beecham Pharmaceuticals*.**8848 Flavoxate Hydrochloride**

3717-88-2

4135

223-066-4

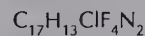


2-Piperidinoethyl 3-methyl-4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylate hydrochloride.

Urispas; DW-61; NSC-114649; Rec-7-0040; Bladderon; Genurin; Patricin; Spasuret. Smooth muscle relaxant. mp = 232-234°; LD_{50} (rat iv) = 27.4 mg/kg; [succinate ($C_{28}H_{31}NO_8$)] soluble in H_2O (33.7 g/100 ml at 37°). *SmithKline Beecham Pharmaceuticals*.**8849 Fletazepam**

34482-99-0

252-056-2

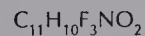


7-Chloro-5-(o-fluorophenyl)-2,3-dihydro-1-(2,2,2-trifluoroethyl)-1H-1,4-benzodiazepine.

Sch-15698. Skeletal muscle relaxant. *Schering Corp.***8850 Flumetramide**

7125-73-7

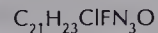
4176

6-(α,α,α -Trifluoro-p-tolyl)-3-morpholinone.Duraflex; McN-1546. Skeletal muscle relaxant. mp = 115.5-116.5°. *McNeil Pharmaceutical*.**8851 Flurazepam**

17617-23-1

4233

241-591-7

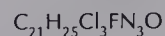


7-Chloro-1-[2-(diethylamino)ethyl]-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one.

Felman; Noctosom; Stauroderm. Sedative/hypnotic and muscle relaxant. mp = 77-82°. *Hoffmann-LaRoche Inc.***8852 Flurazepam Hydrochloride**

1172-18-5

4233



7-Chloro-1-[2-(diethylamino)ethyl]-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one dihydrochloride.

Dalmane; Ro-5-6901; NSC-78559. Sedative/hypnotic and muscle relaxant. mp = 190-220°; LD_{50} (mus ip) = 290 mg/kg, (mus orl) = 870 mg/kg, (mus iv) = 84 mg/kg. *Hoffmann-LaRoche Inc.***8853 Gallamine Triethiodide**

65-29-2

4361

200-605-1

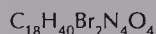


2,2',2'-[1,2,3-Benzenetriyltris(oxy)]tris[N,N,N-triethylethanaminium] triiodide.

Flaxedil; benzcurine iodide; RP-3697; F-2559; Tricuram; Retensin; Relaxan. Skeletal muscle relaxant. mp = 152-153°; freely soluble in H_2O , EtOH, Me_2CO ; sparingly soluble in Et_2O , C_6H_6 , $CHCl_3$. *Davis & Geck Medical Device Div.; Rhône-Poulenc*.**8854 Hexacarbacholine Bromide**

306-41-2

4713



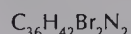
N,N,N,N',N',N'-Hexamethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diaminium dibromide.

BC-16; Imbretil. Skeletal muscle relaxant. mp = 174-176°. *Oesterreiche Stickstoffwerke*.**8855 Hexafluorenum Bromide**

317-52-2

4721

206-265-0



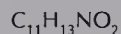
N,N'-Di-9H-fluoren-9-yl-N,N',N'-tetramethyl-1,6-hexanediaminium dibromide.

Mylaxen. Succinylcholine synergist. Used as a skeletal muscle relaxant. mp = 188-189°. *Irwin, Neissler*.**8856 Idrocilamide**

6961-46-2

4935

230-155-1

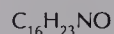


N-(2-Hydroxyethyl)cinnamide.

LCB 29; Srilane; Brolitène. Skeletal muscle relaxant. mp = 100-102°; soluble in EtOH, slightly soluble in H_2O ; LD_{50} (mus orl) > 2950 mg/kg, (rat orl) > 3000 mg/kg. *Lipha*.**8857 Inaperisone**

99323-21-4

4963

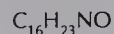


4'-Ethyl-2-methyl-3-(1-pyrrolidinyl)propiphenone.

Skeletal muscle relaxant. *Hokoriku*.**8858 Inaperisone (±)**

125676-39-3

4963

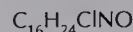


(±)-4'-Ethyl-2-methyl-3-(1-pyrrolidinyl)propiphenone.

Skeletal muscle relaxant. *Hokoriku*.**8859 Inaperisone Hydrochloride**

90878-85-6

4963

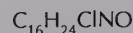


4'-Ethyl-2-methyl-3-(1-pyrrolidinyl)propiphenone hydrochloride.

Skeletal muscle relaxant. *Hokoriku*.**8860 Inaperisone Hydrochloride (±)**

118230-97-0

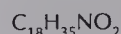
4963



(±)-4'-Ethyl-2-methyl-3-(1-pyrrolidinyl)propiphenone hydrochloride.

HSR-770; HY-770; Riran. Skeletal muscle relaxant. mp = 152-153°; soluble in H_2O , MeOH; LD_{50} (mus orl) = 425 mg/kg. *Hokoriku*.**8861 Isomylamine**

28815-27-2



2-(Diethylamino)ethyl

1-isopentylcyclohexanecarboxylate.
Smooth muscle relaxant.

8862 Isomylamine Hydrochloride

24357-98-0

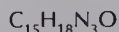


2-(Diethylamino)ethyl 1-isopentylcyclohexanecarboxylate hydrochloride.

NSC-78987. Smooth muscle relaxant.

8863 Lanperisone

116287-14-0



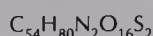
(-)-(R)-2-Methyl-3-(1-pyrrolidinyl)-4'-(trifluoromethyl)propiphenone.

Centrally acting muscle relaxant.

8864 Laudexium Methyl Sulfate

3253-60-9

5392



2,2'-Decamethylenebis(1,2,3,4-tetrahydro)-6,7-dimethoxy-2-methyl-1-veratrylisoquinolinium methylsulfate.

Compd. 20; Laudissine; Laudolissin. Skeletal muscle relaxant. mp = 172-174°. *Allen & Hanbury*.

8865 Leptodactylene

13957-33-0

5467



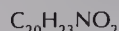
3-Hydroxy-N,N,N-trimethylbenzeneethanaminium.

Occurs in skin of *Leptodactylus* species. Prepared as the chloride. A neuromuscular blocker. [chloride]: mp = 220°; soluble in H₂O, EtOH, HCl; insoluble in Et₂O, EtOAc.

8866 Levoxadrol

4792-18-1

3352



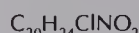
(-)-2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine.

Smooth muscle relaxant and local anesthetic. *Cutter Labs*.

8867 Levoxadrol Hydrochloride

23257-58-1

3352

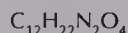


(-)-2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine hydrochloride.

CL-912C; NSC-526063; Levoxan. Smooth muscle relaxant and local anesthetic. mp = 248-254°; $[\alpha]_D^{20} = -34.5^\circ$ (c = 2 MeOH); LD₅₀ (mus orl) = 230 mg/kg. *Cutter Labs*.

8868 Lorbamate

24353-88-6



2-(Hydroxymethyl)-2-methylpentyl

cyclopropanecarbamate carbamate (ester).

Abbott 19957. Skeletal muscle relaxant. *Abbott Labs*.

8869 Mebeverine

3625-06-7

5808

222-830-4



4-[Ethyl(p-methoxy- α -methylphenethyl)amino]butyl vertrate.

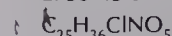
Smooth muscle relaxant and local anesthetic. Used as an antispasmodic. *N.V. Philips*.

8870 Mebeverine Hydrochloride

2753-45-9

5808

220-400-0



4-[Ethyl(p-methoxy- α -methylphenethyl)amino]butyl vertrate hydrochloride.

CSAG 144; Colofac; Duspatalin; Duspatal. Smooth muscle relaxant and local anesthetic. mp = 125-127°, 129-131°. *N.V. Philips*.

8871 Mebezonium Iodide

7681-78-9

231-676-7

4,4'-Methylenebis(cyclohexyltrimethylammonium) diiodide.

Component of T-61, a veterinary euthanasic agent.

8872 Memantine

19982-08-2

5872



3,5-Dimethyl-1-adamantanamine.

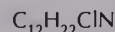
DMAA; D-145. Skeletal muscle relaxant with antiparkinsonian properties. Oil. *Eli Lilly & Co*.

8873 Memantine Hydrochloride

41100-52-1

5872

255-219-6



3,5-Dimethyl-1-adamantanamine hydrochloride.

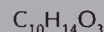
Akatinol. Skeletal muscle relaxant with antiparkinsonian properties. mp = 258°, 290-295°. *Eli Lilly & Co*.

8874 Mephenesin

59-47-2

5895

200-427-4



3-(o-Methylphenoxy)-1,2-propanediol.

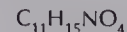
Tolserol; BDH-312; Atensin; Avosyl; Avoxyl; Curythan; Daserol; Decontractyl; Dioloxol; Glytol; Glykresin; Kinavosyl; Lissephen; Memphenesin; Mepherol; Mephesin; Mephson; Mervaldin; Myanesin; Myanol; Myodetensine; Myolysin; Myopan; Myoserol; Myoten; Oranixon; Prolax; Relaxar; Relaxil; Renarcol; Rhex; Sansdolor; Sinan; Spasmolyn; Stilalgin; Thoxidil; Tolansin; Tolcil; Tolhart; Tolosate; Toloxyn; Tolseron; Tolulexin; Tolulox; Tolyspaz; Walconesin. Skeletal muscle relaxant. mp = 70-71°; $\lambda_m = 270$ nm (E 0.395, H₂O); freely soluble in EtOH, CHCl₃, propylene glycol, soluble in H₂O (1.17 g/100 ml at 20°), Et₂O (9.1 g/100 ml at 20°); LD₅₀ (mus ip) = 471 mg/kg, 515.6 mg/kg, (mus orl) = 990 mg/kg, 1918.6 mg/kg, (rat ip) = 283 mg/kg, (rat orl) = 945 mg/kg, (hmtr ip) = 322 mg/kg, (hmtr orl) = 821 mg/kg. *Bristol-Myers Squibb Co*.

8875 Mephenesin Carbamate

533-06-2

5895

208-553-1



3-(o-Methylphenoxy)-1,2-propanediol carbamate.

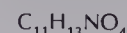
Tolseram. Skeletal muscle relaxant. mp = 80-84°, 90-93°; $\lambda_m = 271, 277$ nm ($A_{1\text{ cm}}^{1\%}$ 72.7, 64.1 EtOH); soluble in H₂O (0.3 g/100 ml), CHCl₃ (2 g/100 ml); LD₅₀ (mus ip) = 604 mg/kg, (mus orl) = 2296 mg/kg. *Bristol-Myers Squibb Co*.

8876 Mephexalone

70-07-5

5896

200-723-3



5-[(o-Methylphenoxy)methyl]-2-oxazolidinone.

Lenetran; metoxadone; methoxydon; methoxydone;

methoxadone; AHR-233; OM-518; Trepidone; Ekilan; Dorsiflex; Control-Om; Tranpoise; Dorsilon; Placidex; Riself; Xerene. Skeletal muscle relaxant and anxiolytic. mp = 143-145°; insoluble in H₂O, LD₅₀ (rat orl) = 3820 ± 17 mg/kg. *Robins, A.H. Co.; Marion Merrell Dow Inc.*

8877 Mesuprine

7541-30-2

C₁₉H₂₆N₂O₅S

2'-Hydroxy-5'-[1-hydroxy-2-[(p-methoxyphenethyl)-amino]propyl]methanesulfonanilide.

Smooth muscle relaxant with vasodilator properties.

8878 Mesuprine Hydrochloride

7660-71-1

C₁₉H₂₇ClN₂O₅S

2'-Hydroxy-5'-[1-hydroxy-2-[(p-methoxyphenethyl)-amino]propyl]methanesulfonanilide hydrochloride.

MJ-1987. Smooth muscle relaxant with vasodilator properties.

8879 Metaxalone

1665-48-1

5994

216-777-6

C₁₂H₁₅NO₃

5-[(3,5-Xylyloxy)methyl]-2-oxazolidinone.

AHR-438; Skelaxin. Skeletal muscle relaxant. mp = 121.5-123°. *Robins, A.H. Co.***8880 Methixene**

4969-02-2

6059

225-610-6

C₂₀H₂₃NS

1-Methyl-3-(thioxanthen-9-ylmethyl)piperidine.

Smooth muscle relaxant used as an anticholinergic agent.

bp_{0.07} = 171-175°. *Wander Pharma.***8881 Methixene Hydrochloride**

7081-40-5

6059

C₂₀H₂₄ClNS.H₂O

1-Methyl-3-(thioxanthen-9-ylmethyl)piperidine hydrochloride monohydrate.

SJ-1977; NSC-78194; Tremoquil; Methixart; Trest; Tremonil; Tremaril; Tremarit; Cholinfall; Methyloxan. Smooth muscle relaxant used as an anticholinergic agent.

mp = 215-217°; λ_m = 268 nm (ε 10250 dil. HCl); soluble in H₂O, EtOH, CHCl₃. *Wander Pharma.***8882 Methocarbamol**

532-03-6

6060

208-524-3

C₁₁H₁₅NO₅

3-(o-Methoxyphenoxy)-1,2-propanediol 1-carbamate.

AHR-85; Neuraxin; Miolaxene; Lumirelax; Etroflex; Delaxin; Robamol; Traumacut; Tresortil; Relestrid; Robaxin. Skeletal muscle relaxant. mp = 92-94°; soluble in H₂O (2.5 g/100 ml at 20°), EtOH, propylene glycol.*Robins, A.H. Co.***8883 Metocurine Iodide**

7601-55-0

6227

231-510-3

C₄₀H₄₈I₂N₂O₆

(+) -O,O'-Dimethylchondrocurarine, diiodide.

Metubine iodide; dimethyltubocurarine iodide. Skeletal muscle relaxant. mp = 257-267° (dec); [α]_D²² = 148° to 158° (c = 0.25); λ_M = 280 nm (E_{1%}^{1cm} 74); soluble in H₂O (0.3 g/100 ml), dil. HCl or NaOH; very slightly soluble inEtOH; insoluble in organic solvents. *Eli Lilly & Co.***8884 Mivacurium Chloride**

106861-44-3

6305

C₅₈H₈₀Cl₂N₂O₁₄

(R)-1,2,3,4-Tetrahydro-2-(3-hydroxypropyl)-6,7-dimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium chloride.

Mivacron; BW-B1090U dichloride. Neuromuscular blocking agent. [α]_D²⁰ = -62.7° (c = 1.9 H₂O). *Glaxo Wellcome Inc.***8885 Nafomine**

46263-35-8

C₁₂H₁₃NO

O-[(2-Methyl-1-naphthyl)methyl]hydroxylamine.

Skeletal muscle relaxant. *Marion Merrell Dow Inc.***8886 Nafomine Malate**

23247-36-1

C₁₆H₁₉NO₆

O-[(2-Methyl-1-naphthyl)methyl]hydroxylamine malate.

Skeletal muscle relaxant. *Marion Merrell Dow Inc.***8887 Nelezaprine**

69624-60-8

C₁₈H₂₁ClN₂

(E)-9-Chloro-11-[3-(dimethylamino)propylidene]-6,11-dihydro-5H-pyrrolo[2.1-b][3]benzazepine.

Skeletal muscle relaxant. *Merck & Co., Inc.***8888 Nelezaprine Maleate**

107407-62-5

C₂₂H₂₅ClN₂O₄

(E)-9-Chloro-11-[3-(dimethylamino)propylidene]-6,11-dihydro-5H-pyrrolo[2.1-b][3]benzazepine maleate (1:1).

L-637510. Skeletal muscle relaxant. *Merck & Co., Inc.***8889 Nimetazam**

2011-67-8

6641

217-931-5

C₁₆H₁₃N₃O₃

1,3-Dihydro-1-methyl-7-nitro-5-phenyl-2H-1,4-benzodiazepin-2-one.

S 1530; Elimin; Hypnon. Skeletal muscle relaxant with anticonvulsant properties. mp = 156.5-157.5°; λ_m = 259, 308 nm (ε 15800, 9600 MeOH); LD₅₀ (mmus orl) = 910 mg/kg, (mmus ip) = 970 mg/kg, (mmus sc) = 1500 mg/kg, (fmsus orl) = 750 mg/kg, (fmsus ip) = 840 mg/kg, (fmsus sc) = 1500 mg/kg, (mrat orl) = 1150 mg/kg, (mrat ip) = 970 mg/kg, (mrat sc) = 1000 mg/kg, (frat orl) = 970 mg/kg, (frat ip) = 980 mg/kg, (frat sc) = 11000 mg/kg. *Hoffmann-LaRoche Inc.; Sumitomo.***8890 Orphenadrine**

83-98-7

7007

201-509-2

C₁₈H₂₃NO

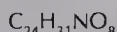
N,N-Dimethyl-2-[(o-methyl-α-phenylbenzyl)oxy]ethylamine.

Skeletal muscle relaxant with antihistaminic properties.

bp₁₂ = 195°; [hydrochloride]: mp = 156-157°; soluble in H₂O, EtOH, CHCl₃; sparingly soluble in Me₂CO, C₆H₆; insoluble in Et₂O. *Forest Pharmaceuticals Inc.; 3M Pharmaceuticals.*

8891 Orphenadrine Citrate

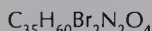
4682-36-4 7007 225-137-5



N,N-Dimethyl-2-[(o-methyl- α -phenylbenzyl)oxy]ethylamine citrate (1:1). Banflex; Disipal; Norflex; X-OTag; component of: Norgesic. Skeletal muscle relaxant with anticonvulsant properties. *Forest Pharmaceuticals Inc.; 3M Pharmaceuticals.*

8892 Pancuronium Bromide

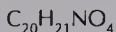
15500-66-0 7139 239-532-5



1,1'-(3 α ,17 β -Dihydroxy-5 α -androstan-2 β ,16 β -ylene)bis[1-methylpiperidinium] dibromide diacetate. Pavulon; Org NA 97; NA 97; Mioblock; Pancuronium bromide. Skeletal muscle relaxant. Soluble in H₂O (100 g/100 ml), CHCl₃ (5 g/100 ml); LD₅₀ (mus iv) = 0.047 mg/kg, (mus ip) = 0.152 mg/kg, (mus sc) = 0.167 mg/kg, (mus orl) = 21.9 mg/kg, (rat iv) = 0.153 mg/kg, (rbt iv) = 0.016 mg/kg. *Astra Sweden; Elkins-Sinn; Organon Inc.*

8893 Papaverine

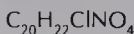
58-74-2 7151 200-397-2



1-[(3,4-Dimethoxyphenyl)methyl]-6,7-dimethoxyisoquinoline. 6,7-dimethoxy-1-veratrylisoquinoline. Smooth muscle relaxant with cerebral vasodilator properties. mp = 147°; d₄²⁰ = 1.337; λ_m = 239, 278-280, 314, 327 nm (log ϵ 4.83, 3.86, 3.60 3.67 EtOH); insoluble in H₂O; soluble in C₆H₆, AcOH, Me₂CO; slightly soluble in CHCl₃, CCl₄, petroleum ether.

8894 Papaverine Hydrochloride

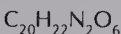
61-25-6 7151 200-502-1



6,7-Dimethoxy-1-veratrylisoquinoline hydrochloride. Artergon; Cepaverin; Cerebid; Cerespan; Dynovas; Optenyl; Pameion; Panergon; Paptial T.R.; Pavabid; Pavacap; Pavacen; Pavadel; Pavagen; Pavakey; Pavased; Spasmo-Nit; Therapav; Vasal; Vasospan. Smooth muscle relaxant with cerebral vasodilator properties. mp = 220-225°; λ_m = 249-250, 280-282, 311 nm (log ϵ = 4.69, 3.80, 3.82, EtOH); soluble in H₂O 2.25 g/100 ml, EtOH, CHCl₃; insoluble in Et₂O; LD₅₀ (mus iv) = 27.5 mg/kg, (mus sc) = 150 mg/kg, (rat iv) = 20 mg/kg, (rat sc) = 370 mg/kg.

8895 Papaverine Nitrite

132-40-1 7151



6,7-Dimethoxy-1-veratrylisoquinoline nitrite. Smooth muscle relaxant with cerebral vasodilator properties. Slightly soluble in H₂O, EtOH; freely soluble in CHCl₃, Me₂CO.

8896 Phenprobamate

673-31-4 7412 211-606-1



3-Phenyl-1-propanol carbamate. MH-532; Extacol; Palmita; Spantol; Ansepron; Gamaquil; Quamaquil. Skeletal muscle relaxant and anxiolytic. mp = 101-104°; soluble in EtOH, CHCl₃, propylene glycol;

ethylene diamine, DMF; insoluble in H₂O; LD₅₀ (mus orl) = 840 mg/kg. *Siegfried AG.*

8897 Phenylramidol

553-69-5 7474 209-044-7



α -[(2-Pyridylamino)methyl]benzyl alcohol. fenyramidol. Skeletal muscle relaxant and analgesic. mp = 82-85°; λ_m = 243, 303 nm (log ϵ = 4.24, 3.63 95% EtOH); [methiodide (C₁₄H₁₇IN₂O)]: mp = 164-166°.

8898 Phenylamidol Hydrochloride

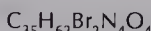
326-43-2 7474 206-308-3



α -[(2-Pyridylamino)methyl]benzyl alcohol hydrochloride. IN-511; MJ-505; NSC-17777; Abbolexin; Anabloc; Analexin; Cabral; Miodar. Skeletal muscle relaxant and analgesic. mp = 140-142°; soluble in H₂O.

8899 Pipecurium Bromide

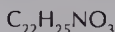
52212-02-9 7612 257-740-4



4,4'-(3 α ,17 β -Dihydroxy-5 α -androstan-2 β ,16 β -ylene)bis[1,1-dimethylpiperazinium] dibromide diacetate (ester). Arduan; RGH-1106. Skeletal muscle relaxant. mp = 262-264° (dec); [α]_D²⁵ = 8.1° (c = 1 H₂O); LD₅₀ (mus iv) = 29.7 mg/kg, (mus ip) = 70.6 mg/kg, (mus sc) = 60.5 mg/kg, (rat iv) = 172.6 mg/kg, (rat ip) = 449.6 mg/kg, (rat sc) = 455.8 mg/kg. *Organon Inc.; Gedeon Richter Chem. Works.*

8900 Pipoxolan

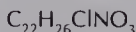
23744-24-3 7637



5,5-Diphenyl-2-(2-piperidinoethyl)-1,3-dioxolan-4-one. Skeletal muscle relaxant used as an antispasmodic. *Rowa Ltd.*

8901 Pipoxolan Hydrochloride

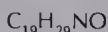
18174-58-8 7637



5,5-Diphenyl-2-(2-piperidinoethyl)-1,3-dioxolan-4-one hydrochloride. BR-18; Rowaprxin. Skeletal muscle relaxant used as an antispasmodic. mp = 207-209°; soluble in H₂O; LD₅₀ (rat orl) = 1500 mg/kg, (rat iv) = 60 mg/kg, (rat ip) = 130 mg/kg, (rat sc) > 300 mg/kg, (mus orl) = 700 mg/kg, (mus iv) = 35 mg/kg, (mus ip) = 130 mg/kg. *Rowa Ltd.*

8902 Procyclidine

77-37-2 7944 201-023-0



α -Cyclohexyl- α -phenyl-1-pyrrolidinepropanol. Smooth muscle relaxant used as an anticholinergic agent. [methochloride (C₂₀H₃₂ClNO; Lergine, Tricoloid)]: mp = 159-164°; soluble in H₂O, EtOH; [methosulfate (C₂₁H₃₅NO₅S)]: mp = 100°; soluble in H₂O, EtOH. *Eli Lilly & Co.; Glaxo Wellcome Inc.*

8903 Procyclidine Hydrochloride

1508-76-5 7944 216-141-8



α -Cyclohexyl- α -phenyl-1-pyrrolidinepropanol hydrochloride. Kemadrin; Arpicolin; Osnervan. Smooth muscle relaxant

used as an anticholinergic agent. mp = 226-227° (dec); soluble in H₂O (3 g/100 ml), more soluble in EtOH, CHCl₃; insoluble in Et₂O. *Eli Lilly & Co.; Glaxo Wellcome Inc.*

8904 Progabide

62666-20-0 7955 263-679-4
 $C_{17}H_{16}ClFN_2O_2$
 4-[[α-(p-Chlorophenyl)-5-fluorosalicylidene]amino]-butyramide.
 Gabren; Gabrene; SL-76002; halogabide. An antagonist of σ-aminobutyric acid (GABA) possessing anti-epileptic activity. Smooth muscle relaxant used as an anticonvulsant. mp = 133-135°, 142.5°; λ_m = 332, 250, 210 (ε 4200, 10800, 24000 MeOH), LD₅₀ (mus ip) = 900 mg/kg. *Synthelabo Pharmacie.*

8905 Proxazole

5696-09-3 8090
 $C_{17}H_{25}N_3O$
 5-[2-(Diethylamino)ethyl]-3-(α-ethylbenzyl)-1,2,4-oxadiazole.
 Aerbron; propoxaline. Smooth muscle relaxant used as an anticonvulsant. bp_{0.2} = 132°; [nitrate]: mp = 127-128°. *Angelini Francesco.*

8906 Proxazole Citrate

132-35-4 8090 205-059-8
 $C_{23}H_{33}N_3O_8$
 5-[2-(Diethylamino)ethyl]-3-(α-ethylbenzyl)-1,2,4-oxadiazole citrate (1:1).
 Toness; AF-634; Flou; Pirecin. Smooth muscle relaxant used as an anticonvulsant. LD₅₀ (rat ip) = 39 mg/kg, (rat orl) = 60 mg/kg. *Angelini Francesco.*

8907 Quinetolate

5714-76-1 227-207-0
 $C_{38}H_{57}N_5O_7$
 6-(Diethylcarbamoyl)-3-cyclohexene-1-carboxylic acid compound with 4-[[2-(dimethylamino)ethyl]amino]-6-methoxyquinoline (2:1).
 Smooth muscle relaxant.

8908 Quinine

130-95-0 8245 205-003-2
 $C_{20}H_{24}N_2O_2$
 (8S,9R)-6'-Methoxycinchonan-9-ol.
 Skeletal muscle relaxant and antimalarial. mp = 177° (dec); [α]_D¹⁵ = -169° (c = 2 97% EtOH), [α]_D¹⁷ = -117° (c = 1.5 CHCl₃), [α]_D¹⁵ = -285° (c = 0.4M 0.1N H₂SO₄); soluble in H₂O (0.05 g/100 ml at 25°, 0.13 g/100 ml at 100°), EtOH (125 g/100 ml), C₆H₆ (1.25 g/100 ml at 25°, 5.5 g/100 ml at 50°), CHCl₃ (83.3 g/100 ml), Et₂O (0.4 g/100 ml), glycerol (5 g/100 ml); insoluble in petroleum ether.

8909 Ritodrine

26652-09-5 8401 247-879-9
 $C_{17}H_{21}NO_3$
 Erythro-p-hydroxy-α-[1-[(p-hydroxyphenethyl)amino]-ethyl]benzyl alcohol.
 DU-21220. Smooth muscle relaxant and tocolytic agent. mp = 88-90°. *Philips-Duphar B.V.; Astra Sweden.*

8910 Ritodrine Hydrochloride

23239-51-2 8401 245-514-8
 $C_{17}H_{22}ClNO_3$
 Erythro-p-hydroxy-α-[1-[(p-hydroxyphenethyl)amino]-ethyl]benzyl alcohol hydrochloride.
 Yutopar; Pre-Par. Smooth muscle relaxant and tocolytic agent. mp = 193-195° (dec); λ_m = 267.5 nm (ε 3310). *Philips-Duphar B.V.; Astra Sweden.*

8911 Rocuronium

143558-00-3 8407
 $C_{32}H_{53}BrN_2O_4$
 1-Allyl-1-(3α,17β-dihydroxy-2β-morpholino-5α-androst-16β-yl)pyrrolidinium.
 Skeletal muscle relaxant. *AKZO Chemie; Organon Inc.*

8912 Rocuronium Bromide

119302-91-9 8407
 $C_{32}H_{53}N_2O_4$
 1-Allyl-1-(3α,17β-dihydroxy-2β-morpholino-5α-androst-16β-yl)pyrrolidinium bromide.
 Zemuron; Esmeron; Org-9426. Skeletal muscle relaxant. mp = 161-169°; [α]_D²⁰ = 18.7° (c = 1.03 CHCl₃). *AKZO Chemie; Organon Inc.*

8913 Rolodine

1866-43-9
 $C_{14}H_{14}N_4$
 4-(Benzylamino)-2-methyl-7H-pyrrolo[2,3-d]pyrimidine.
 BW-58-271; NSC-106570. Skeletal muscle relaxant. *Glaxo Wellcome Inc.*

8914 Styramate

94-35-9 9027 202-326-0
 $C_9H_{11}NO_3$
 β-Hydroxyphenethyl carbamate.
 Sinaxar; Linaxar. Skeletal muscle relaxant. mp = 111-112°; LD₅₀ (mus orl) = 1240 mg/kg. *Armour Pharmaceuticals.*

8915 Succinylcholine Bromide

55-94-7 9043 200-248-1
 $C_{14}H_{30}Br_2N_2O_4$
 Choline bromide succinate.
 Suxamethonium bromide; IS-370; compd. 48/268; LT-1; M&B-2207; Brevdil M. Neuromuscular blocking agent. Skeletal muscle relaxant. mp = 225°; freely soluble in H₂O.

8916 Succinylcholine Chloride

71-27-2 9044 200-747-4
 $C_{14}H_{30}Cl_2N_2O_4$
 Choline chloride succinate.
 Suxamethonium chloride; Anectine; Querlicin; Sucostrin. Neuromuscular blocking agent. Skeletal muscle relaxant. mp = 156-163°, 190°; soluble in H₂O (100 g/100 ml), EtOH (0.42 g/100 ml); sparingly soluble in C₆H₆, CHCl₃; insoluble in Et₂O; LD₅₀ (mus iv) = 0.45 mg/kg. *Glaxo Wellcome Inc.; Organon Inc.; Abbott Labs.; Apotekon.*

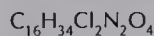
8917 Succinylcholine Iodide

541-19-5 9045 208-770-1
 $C_{14}H_{30}I_2N_2O_4$
 Choline iodide succinate.

Suxamethonium iodide; Celocurine. Neuromuscular blocking agent. Skeletal muscle relaxant. mp = 243-245°; freely soluble in H₂O.

8918 Suxethonium Bromide

111-00-2 9184 203-824-0



Ethyl (2-hydroxyethyl)dimethylammonium chloride succinate.

IS-362; M-115; M&B-2210; Brevdil E. Neuromuscular blocking agent. Skeletal muscle relaxant. Used in endotracheal intubation. mp = 158°; freely soluble in H₂O. *May & Baker Ltd.*

8919 Suxethonium Chloride

54063-57-9 258-958-2

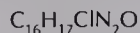


Ethyl(2-hydroxyethyl)dimethylammonium chloride succinate.

Neuromuscular blocker; used during endotracheal intubation.

8920 Tetrazepam

10379-14-3 9379 233-837-7

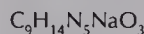


7-Chloro-5-(cyclohexen-1-yl)-1,3-dihydro-1-methyl-2H-1,4-benzodiazepin-2-one.

CB-4261; Musaril; Myolastan. Skeletal muscle relaxant. mp = 144°; λ_m = 227 nm (ϵ 28500 EtOH); LD₅₀ (mus ip) = 415 mg/kg, (mus orl) = 2000 mg/kg. *Clin-Byla.*

8921 Theophylline Sodium Glycinate

8000-10-0 9421



3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione mixture with glycine sodium salt.

Pemophyllin; Englate; Glytheonate; Panophylline. Smooth muscle relaxant, used as a bronchodilator. dec 180°; soluble in H₂O (18 g/100 ml). *Marion Merrell Dow Inc.*

8922 Thiocolchicoside

602-41-5 9460 210-017-7

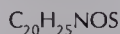


2-10-Di(demethoxy)-2-glucosyloxy-10-methylthiocolchicine.

2-demethoxy-2-glucosidoxylthiocolchicine; Coltramyl; Coltrax; Miorel; Musco-Ril. Skeletal muscle relaxant. mp = 220° (dec); $[\alpha]_D$ = -609° (H₂O), -240° (EtOH).

8923 Thiophenamil

82-99-5 9509

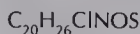


S-[2-(Diethylamino)ethyl]diphenylthioacetate.

Smooth muscle relaxant used as an anticholinergic agent. *Sterling Research Labs.*

8924 Thiophenamil Hydrochloride

548-68-5 9509 208-955-7



S-[2-(Diethylamino)ethyl]diphenylthioacetate hydrochloride.

Thiphen; Trocinate. Smooth muscle relaxant used as an anticholinergic agent. mp = 129-130°; soluble in H₂O.

Sterling Research Labs.

8925 Tizanidine

51322-75-9 9624



5-Chloro-4-(2-imidazolin-2-ylamino)-2,1,3-benzothiadiazole.

DS-103-282; Sirdalud; Ternelin. Skeletal muscle relaxant. mp = 221-223°; LD₅₀ (mus orl) = 235 mg/kg. *Athena Neurosciences, Inc.; Wander Pharma.*

8926 Tizanidine Hydrochloride

64461-82-1 9624

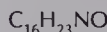


5-Chloro-4-(2-imidazolin-2-ylamino)-2,1,3-benzothiadiazole monohydrochloride.

Zanaflex; AN021; DS-103-282. Skeletal muscle relaxant. *Athena Neurosciences, Inc.; Wander Pharma.*

8927 Tolperisone

728-88-1 9660 211-976-4



2,4'-Dimethyl-3-piperidinopropiophenone. mydetone. Skeletal muscle relaxant. *Eisai.*

8928 Tolperisone Hydrochloride

3644-61-9 9660 222-876-S



2,4'-Dimethyl-3-piperidinopropiophenone hydrochloride. N-553; Abbsa; Atmosgen; Arantoick; Besnoline; Isocalm; Kineorl; Menopatul; Metosomin; Minacalm; Muscalm; Mydocalm; Naismeritin; Tolisartine. Skeletal muscle relaxant. mp = 176-177°; LD₅₀ (mus sc) = 620 mg/kg. *Eisai.*

8929 Tubocurarine Chloride

57-94-3 9939 200-356-9

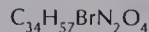


7',12'-Dihydroxy-6,6'-dimethoxy-2,2',2'-trimethyltubocurarium chloride.

Jexin [d-form]; Tubadil; Delacurarine; Curarin-HAF; Tubarine; Introcostrin. Skeletal muscle relaxant. mp = 270° (dec); $[\alpha]_D^{22} = 190^\circ$ (c = 0.5), $[\alpha]_D^{23} = 219^\circ$ (c = 0.785 MeOH); $\lambda_m = 280$ nm ($E_{1\text{cm}}^{1\%}$ 118 H₂O); soluble in H₂O (5 g/100 ml at 25°, 2.5 g/100 ml, 1.3 g/100 ml), soluble in MeOH, insoluble in C₅H₅N, CHCl₃, C₆H₆, Me₂CO, Et₂O; LD₅₀ (mus orl) = 33.2 mg/kg, (rat orl) = 27.8 mg/kg. *Apothecon.*

8930 Vecuronium Bromide

S0700-72-6 10075 2S6-723-9



1-(3 α ,17 β -Dihydroxy-2 β -piperidino-5 α -androstan-16 β ,5 α -yl)-1-methylpiperidinium bromide diacetate.

Norcuron; Org-NC45; NC45; Musculax. Neuromuscular blocking agent. Used as a skeletal muscle relaxant. mp = 227-229°; LD₅₀ (mus iv) = 0.061 mg/kg. *Organon Inc.*

8931 Xilobam

S0S28-97-7



1-(1-Methyl-2-pyrrolidinylidene)-3-(2,6-xylyl)urea.

McN-3113. Skeletal muscle relaxant. *McNeil Pharmaceutical.*

8932 Zoxazolamine

61-80-3 10328 200-519-4
 $C_7H_5ClN_2O$
 2-Amino-5-chlorobenzoxazole.
 McN-485; Deflexol; Flexilon; Flexin; Zoxamin; Zoxine.
 Skeletal muscle relaxant and uricosuric agent. mp = 184-185°; λ_m = 244, 285 nm; slightly soluble in H_2O ; soluble in EtOH, propylene glycol; LD₅₀ (mus ip) = 376 mg/kg, (mus orl) = 678 mg/kg, (rat ip) = 102 mg/kg, (rat orl) = 730 mg/kg. *Dow Chemical U.S.A.; McNeil Pharmaceutical.*

Mydriatics**8933 Atropine**

51-55-8 907 200-104-8
 $C_{17}H_{23}NO_3$
 1 α H,5 α H-Tropan-3 α -ol ($\pm$)-tropate (ester).
 tropine tropate; dl-tropyl tropate. Anticholinergic. mp = 114-116°; soluble in H_2O (0.22 g/100 ml at 25°, 11.1 g/100 ml at 80°), EtOH (50 g/100 ml at 25°, 83.3 g/100 ml at 60°), glycerol (3.7 g/100 ml), Et₂O (4 g/100 ml), CHCl₃ (100 g/100 ml), C₆H₆; LD₅₀ (rat orl) = 750 mg/kg.

8934 Atropine Oxide

4438-22-6 908
 $C_{17}H_{23}NO_4$
 1 α H,5 α H-Tropan-3 α -ol ($\pm$)-tropate (ester) 8-oxide.
 atropine-N-oxide; atropine aminoxide; genatropine; aminoxytropine tropate. Anticholinergic. mp = 127-128°, dec 135°; soluble in EtOH, CHCl₃; insoluble in Et₂O.

8935 Atropine Oxide Hydrochloride

4574-60-1 908 224-959-1
 $C_{17}H_{24}ClNO_4$
 1 α H,5 α H-Tropan-3 α -ol ($\pm$)-tropate (ester) 8-oxide hydrochloride.
 Tropinox, Xtro. Anticholinergic. mp = 192-193°.

8936 Atropine Sulfate [anhydrous]

55-48-1 908 200-235-0
 $C_{34}H_{48}N_2O_{10}S$
 1 α H,5 α H-Tropan-3 α -ol ($\pm$)-tropate (ester) sulfate (2:1) (salt).
 Atropisol; Atropisol® Ophthalmic Solution; Atropisol® Ophthalmic Solution. Anticholinergic. Anticholinergic, mydriatic. Used in pre-anesthetic medication. Veterinary use is as an anti-spasmodic and as an antidote for organophosphorus insecticide poisoning. mp = 190-194°; soluble in H_2O (2.5 g/ml), less soluble in organic solvents; LD₅₀ (rat orl) = 622 mg/kg.

8937 Atropine Sulfate Monohydrate

5908-99-6 908
 $C_{34}H_{48}N_2O_{10}S.H_2O$
 1 α H,5 α H-Tropan-3 α -ol ($\pm$)-tropate (ester) sulfate (2:1) (salt) monohydrate.
 Anticholinergic.

8938 Berefriene

105567-83-7
 $C_{14}H_{21}NO_2$

m-[(2R,5R)-2-tert-Butyl-3-methyl-5-oxazolidinyl]phenol mixture with m-[(2S,5R)-2-tert-butyl-3-methyl-5-oxazolidinyl]phenol.
 Mydriatic. *Angelini Pharmaceuticals, Inc.*

8939 Cyclopentolate

512-15-2 2815 208-136-4
 $C_{17}H_{25}NO_3$
 2-(Dimethylamino)ethyl 1-hydroxy- α -phenylcyclopentaneacetate.
 Mydriatic. Anticholinergic (ophthalmic). *Alcon Labs.*

8940 Cyclopentolate Hydrochloride

5870-29-1 2815 227-521-8
 $C_{17}H_{26}ClNO_3$
 2-(Dimethylamino)ethyl 1-hydroxy- α -phenylcyclopentaneacetate hydrochloride.
 Cyclogyl; Ak-Pentolate; Alnide; Mydplegic; Mydrilate; Zyklolat; component of: Cyclomydril. Mydriatic. mp = 137-141°; freely soluble in H_2O , EtOH; insoluble in Et₂O. *Alcon Labs.*

8941 Epinephrine

51-43-4 3656 200-098-7
 $C_9H_{13}NO_3$
 (R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol.
 l-methylaminoethanolcatechol; adrenalin; levorenen; Bronkaid Mist; Epifrin; Epiglaufirin; Eppy; Glaucon; Glauposine; Primatene Mist; Simplene; Sus-phrine; Suprarenaline. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma. Endogenous catecholamine with combined α - and β -agonist activity. Principal sympathomimetic hormone produced by the adrenal medulla. mp = 211-212°; dec 215°; [α]_D²⁵ = -50.0° - -53.5° (in 0.6N HCl); slightly soluble in H_2O , alcohol; soluble in aqueous solutions of mineral acids; insoluble in aqueous solutions of ammonia and alkali carbonates; insoluble in Et₂O, Me₂CO, oils; LD₅₀ (mus ip) = 4 mg/kg.

8942 dl-Epinephrine

329-65-7 3656 206-347-6
 $C_9H_{13}NO_3$
 ($\pm$)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol.
 racepinefrine; racepinephrine. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma. Sparingly soluble in H_2O , alcohol.

8943 dl-Epinephrine Hydrochloride

329-63-5 3656 206-346-0
 $C_9H_{14}ClNO_3$
 ($\pm$)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol hydrochloride.
 Asthmanefrin; Vaponefrin. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma. mp = 157°; soluble in H_2O ; sparingly soluble in absolute alcohol.

8944 Epinephrine d-Bitartrate

51-42-3 3656 200-097-1
 $C_{13}H_{19}NO_9$
 (R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol [R-(R*,R*)]-2,3-dihydroxybutanedioate (1:1) (salt).
 Asmatane Mist; Asthmahaler Epitrate; Medihaler-Epi; Primatene Mist Suspension; component of: Asthmahaler, E-Pilo. Adrenergic (ophthalmic). mp = 147-154° (some decomposition); soluble in H_2O (0.3 g/ml); slightly

soluble in alcohol.

8945 Epinephrine Hydrochloride

51-31-2 3656

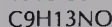


(R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol hydrochloride.

Adrenalin; Epifrin; Glaucon; Suprarenin. Bronchodilator; cardiostimulant; mydriatic; antiglaucoma.

8946 Hydroxyamphetamine

1518-86-1 4855



(±)-p-(2-Aminopropyl)phenol.

Paredrine; Paredrinex; Pulsoton. An α -adrenergic (ophthalmic) agonist. Used as a mydriatic agent. mp = 125-126°; soluble in H_2O , EtOH, CHCl_3 , EtOAc; [iodide]: mp = 155°, soluble in H_2O , EtOH, Me_2CO ; [hydrochloride]: mp = 171-172°; soluble in H_2O , EtOH; insoluble in Et_2O . *SmithKline Beecham Pharmaceuticals; Allergan, Inc.*

8947 Hydroxyamphetamine Hydrobromide

306-21-8 4855 206-181-4

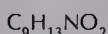


(±)-p-(2-Aminopropyl)phenol hydrobromide.

Paredrine hydrobromide; component of: Paremyd. An α -adrenergic (ophthalmic) agonist. Used as a mydriatic agent. Freely soluble in H_2O , EtOH, Me_2CO . *SmithKline Beecham Pharmaceuticals; Allergan, Inc.*

8948 Phenylephrine

61-76-7 7440 200-424-8



(R)-3-Hydroxy- α -[(methylamino)methyl]-benzenemethanol.

Mydriatic; decongestant. α -Adrenergic agonist. mp = 169-172°.

8949 Phenylephrine Hydrochloride

59-42-7 7440 200-517-3

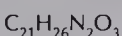


(R)-3-Hydroxy- α -[(methylamino)methyl]benzenemethanol hydrochloride.

metaoxedrin; Adrianol; Ak-Dilate; Ak-Nefrin; Isophrin; m-Sympatol; Mezatol; Neophryn; Neo-Synephrine; Pyracort D; Prefrin; Mydrin; Alcon Efrin; Biomydrin; Nostril; component of: Cerase DM, Comhist, Cyclomydril, Demazin, Dimetane Decongestant, Dristan Cold, Dristan Nasal Mist, ENTEx, Histalet Forte, Hycomine Compound, Prefrin-A, PV Tussin Syrup, Relief, Ru-Tuss Liquid, Ru-Tuss Tablets, Vasosulf, Zincfrin. Mydriatic; decongestant. α -Adrenergic agonist. mp = 140-145°; $[\alpha]_D^{25} = -46.2^\circ$ to -47.2° ; soluble in H_2O , alcohol; LD_{50} (mus ip) 17 mg/kg, (mus sc) 33 mg/kg.

8950 Yohimbine

146-48-5 10236 205-672-0



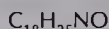
17 α -Hydroxy-yohimban-16 α -carboxylic acid.

quebrachine; corynine; aphrodine. Indole alkaloid with α_2 -adrenergic blocking activity. Used as a mydriatic.

Narcotic Antagonists

8951 Cyclazocine

3572-80-3 2773 222-689-9



3-(Cyclopropylmethyl)-1,2,3,4,5,6-hexahydro-6,11-dimethyl-2,6-methano-3-benzacocin-8-ol.

NSC-107429; Win 20,740. Narcotic antagonist. mp = 201-204°. *Sterling Winthrop, Inc.*

8952 Cyrenorphine

4406-22-8 2838

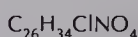


6,7,8,14-N-(Cyclopropylmethyl)tetrahydro-7 α -(1-hydroxy-1-methylethyl)-6,14-endo-ethenonoripavine.

Narcotic (etorphine) antagonist. mp = 234°.

8953 Cyrenorphine Hydrochloride

16550-22-4 2838

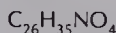


6,7,8,14-N-(Cyclopropylmethyl)tetrahydro-7 α -(1-hydroxy-1-methylethyl)-6,14-endo-ethenonoripavine hydrochloride.

M 285. Narcotic (etorphine) antagonist. mp = 248°.

8954 Diprenorphine

14357-78-9 3403 238-325-7



21-Cyclopropyl-6,7,8,14-tetrahydro-7 α -(1-hydroxy-1-methylethyl)-6,14-endoethanoripavine.

M.5050; M.5050 Injection; RX-5050M. Narcotic antagonist, related to cyrenorphine. mp = 185°; [hydrochloride]: LD_{50} (mus sc) = 316 mg/kg. *Lemmon Co.*

8955 Fenmetozole

41473-09-0



2-[(3,4-Dichlorophenoxy)methyl]-2-imidazoline.

Narcotic antagonist. Used as an antidepressant. *Marion Merrell Dow Inc.*

8956 Fenmetozole Hydrochloride

23712-05-2

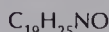


2-[(3,4-Dichlorophenoxy)methyl]-2-imidazoline monohydrochloride.

Narcotic antagonist. Used as an antidepressant. *Marion Merrell Dow Inc.*

8957 Levallorphan

152-02-3 5485 205-799-1



17-Allylmorphinan-3-ol.

Narcotic antagonist, related to cyrenorphine. mp = 180-182°; $[\alpha]_D^{20} = -88.9^\circ$ (c = 3 MeOH). *Hoffmann-LaRoche Inc.*

8958 Levallorphan Tartrate

71-82-9 5485 200-767-3



17-Allylmorphinan-3-ol tartrate (1:1).

Lorfan. Narcotic antagonist, related to cyrenorphine. mp = 176-177°; $[\alpha]_D^{16} = -39^\circ$; soluble in H_2O . *Hoffmann-LaRoche Inc.*

8959 Nadide

53-84-9 6429 200-184-4
 $C_{21}H_{27}N_7O_{14}P_2$
 3-Carbamoyl-1- β -D-ribofuranosylpyridinium hydroxide 5' ester with adenosine 5'-pyrophosphate.
 DPN; CO-I; NAD; Codehydrogenase I; NSC-20272.
 Narcotic antagonist. Alcohol antagonist. Soluble in H_2O ; $[\alpha]_D^{20} = -31.5^\circ$ (c = 1.2 H_2O); $\lambda_m = 260$ nm (ϵ 18100).

8960 Nalmefene

55096-26-9 6447
 $C_{21}H_{25}NO_3$
 17-(Cyclopropylmethyl)-4,5 α -epoxy-6-methylenemorphinan-3,14-diol.
 JF-1; ORF-11676. Narcotic antagonist. mp = 188-190°. Key Pharmaceuticals.

8961 Nalmexone

16676-26-9
 $C_{21}H_{25}NO_4$
 4,5 α -Epoxy-3,14-dihydroxy-17-(3-methyl-2-butenyl)morphinan-6-one.
 Narcotic antagonist.

8962 Nalmexone Hydrochloride

16676-27-0
 $C_{21}H_{26}ClNO_4$
 4,5 α -Epoxy-3,14-dihydroxy-17-(3-methyl-2-butenyl)morphinan-6-one hydrochloride.
 EN-1620A. Narcotic antagonist.

8963 Nalorphine

62-67-9 6448 200-546-1
 $C_{19}H_{21}NO_3$
 17-Allyl-7,8-didehydro-4,5 α -epoxymorphinan-3,6 α -diol.
 Narcotic antagonist. mp = 208-209°; $[\alpha]_D^{25} = -155.3^\circ$ (c = 3 MeOH); $\lambda_m = 285$ nm (acid), 298 nm (base); poorly soluble in H_2O , Et_2O ; soluble in organic solvents. Merck & Co., Inc.

8964 Nalorphine Hydrochloride

57-29-4 6448 200-321-8
 $C_{19}H_{22}ClNO_3$
 17-Allyl-7,8-didehydro-4,5 α -epoxymorphinan-3,6 α -diol hydrochloride.
 Nalline. Narcotic antagonist. mp = 260-263°; soluble in H_2O , EtOH; $\lambda_m = 285$ nm (H_2O); LD₅₀ (rat sc) = 1460 mg/kg. Merck & Co., Inc.

8965 Naloxone

465-65-6 6449 207-365-7
 $C_{19}H_{21}NO_4$
 17-Allyl-4,5 α -epoxy-3,14-dihydroxymorphinan-6-one.
 Narcotic antagonist. mp = 184°, 177-178°; $[\alpha]_D^{20} = -194.5^\circ$ (c = 0.93 $CHCl_3$); soluble in $CHCl_3$, insoluble in petroleum ether. Abbott Labs.; Astra USA, Inc.; DuPont Merck Pharmaceutical Co.; Wyeth-Ayerst Labs.

8966 Naloxone Hydrochloride

357-08-4 6449 206-611-0
 $C_{19}H_{22}ClNO_4$
 17-Allyl-4,5 α -epoxy-3,14-dihydroxymorphinan-6-one hydrochloride.
 Narcan; EN-15304; Nalone; Narcanti. Narcotic

antagonist. mp = 200-205°; soluble in H_2O , EtOH; insoluble in Et_2O . Abbott Labs.; Astra USA, Inc.; DuPont Merck Pharmaceutical Co.; Wyeth-Ayerst Labs.

8967 Naltrexone

16590-41-3 6450 240-649-9
 $C_{20}H_{23}NO_4$
 17-(Cyclopropylmethyl)-4,5 α -epoxy-3,14-dihydroxymorphinan-6-one.
 ReVia. Narcotic antagonist, related to cyprenorphine. mp = 168-170°; LD₅₀ (mus sc) = 586 mg/kg. DuPont Merck Pharmaceutical Co.

8968 Naltrexone Hydrochloride

16676-29-2 6450 240-723-0
 $C_{20}H_{23}NO_4 \cdot HCl$
 17-(Cyclopropylmethyl)-4,5 α -epoxy-3,14-dihydroxymorphinan-6-one hydrochloride.
 EN-1639A; Antaxone; Celupan; Nalorex; Trexan. Narcotic antagonist, related to cyprenorphine. mp = 274-276°. DuPont Merck Pharmaceutical Co.

8969 Oxilorphan

42281-59-4 255-749-8
 $C_{20}H_{27}NO_2$
 (-)-17-(Cyclopropylmethyl)morphinan-3,14-diol.
 levo-BC-2605. Narcotic antagonist.

8970 Quadazocine

71276-43-2
 $C_{25}H_{37}NO_2$
 (-)-(2R,6S,11S)-1-Cyclopentyl-5-(1,2,3,4,5,6-hexahydro-8-hydroxy-3,6,11-trimethyl-2,6-methano-3-benzazocin-11-yl)-3-pentanone.
 Narcotic antagonist. Sterling Winthrop, Inc.

8971 Quadazocine Mesylate

71276-44-3
 $C_{26}H_{41}NO_5S$
 (-)-(2R,6S,11S)-1-Cyclopentyl-5-(1,2,3,4,5,6-hexahydro-8-hydroxy-3,6,11-trimethyl-2,6-methano-3-benzazocin-11-yl)-3-pentanone methanesulfonate (salt).
 Win-44441-3. Narcotic antagonist. Sterling Winthrop, Inc.

Nootropics

8972 Aceglutamide

2490-97-3 25 219-647-7
 $C_7H_{12}N_2O_4$
 N'-Acetyl-L-glutamine.
 Acutil-S. Nootropic. mp = 197°; $[\alpha]_D^{20} = -12.5^\circ$ (c = 2.9 H_2O). Merck & Co., Inc.

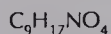
8973 Aceglutamide Aluminum

12607-92-0 25
 $C_{35}H_{59}Al_3N_{10}O_{24}$
 Pentakis (N'-acetyl-L-glutaminato)terahydroxytrialuminum.
 Glumal; KW-110. Nootropic and anti-ulcerative. mp = 221° (dec); soluble in H_2O ; insoluble in MeOH, EtOH, Me_2CO ; LD₅₀ (mmus orl) = 14.3 g/kg, (mmus ip) = 5.0 g/kg, (mmus iv) = 0.46 g/kg, (mrat orl) > 14.5 g/kg, (mrat ip) = 4.2 g/kg, (mrat iv) = 0.40 g/kg. Kyowa Hakko Kogyo

Co., Ltd.

8974 Acetylcarnitine

14992-62-2 85



(3-Carboxy-2-hydroxypropyl)trimethylammonium hydroxide inner salt acetate.

vitamin B₇ acetate. Nootropic. [(L)-form]: mp = 145° (dec); [α]_D²⁰ = -19.52° (c = 6); very soluble in H₂O, EtOH; insoluble in Et₂O; [(DL)-form hydrochloride]: mp = 187-188°.**8975 Acetylcarnitine L-form Hydrochloride**

5080-50-2 85



(3-Carboxy-2-hydroxypropyl)trimethylammonium hydroxide inner salt acetate hydrochloride.

levacecarnine hydrochloride; ST-200; Alcar; Branigen; Nicetile; Normobren; Zibren. Nootropic. mp = 187° (dec), 181°; [α]_D²⁰ = -28° (c = 2 H₂O); very soluble in H₂O, soluble in EtOH, insoluble in Et₂O.**8976 Adafenoxate**

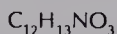
82168-26-1



2-(1-Adamantylamino)ethyl (p-chlorophenoxy)acetate. Nootropic.

8977 Aniracetam

72432-10-1 700



1-p-Anisoyl-2-pyrrolidinone.

Ro-13-3057; Draganon; Sarpul. Nootropic. mp = 121-122°; LD₅₀ (mus orl) = 4500 mg/kg, (rat orl) = 5000 mg/kg. *Hoffmann-La Roche Inc.***8978 Besipirdine**

119257-34-0 1223



1-(Propyl-4-pyridylamino)indole.

Nootropic. *Hoechst-Roussel Pharmaceuticals Inc.***8979 Besipirdine Hydrochloride**

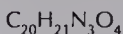
130953-69-4 1223



1-(Propyl-4-pyridylamino)indole hydrochloride.

HP-749. Nootropic. mp = 212-214°. *Hoechst-Roussel Pharmaceuticals Inc.***8980 Besipirdine Maleate**

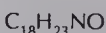
119257-40-8 1223



1-(Propyl-4-pyridylamino)indole maleate.

Nootropic. mp = 115-116°. *Hoechst-Roussel Pharmaceuticals Inc.***8981 Bifemelane**

90293-01-9 1255

N-Methyl-4-[(α -phenyl-o-tolyl)oxy]butylamine.Nootropic. *Mitsubishi Chemical Corp.***8982 Bifemelane Hydrochloride**

62232-46-6 1255

N-Methyl-4-[(α -phenyl-o-tolyl)oxy]butylamine

hydrochloride.

E-0687; MCI-2016; Alnert; Celeport. Nootropic. mp = 117-121°; LD₅₀ (mus orl) = 1000 mg/kg, (mus ip) = 173 mg/kg, (rat orl) = 1080 mg/kg, (rat ip) = 130 mg/kg. *Mitsubishi Chemical Corp.; C.M. Industries.***8983 Choline Alfoscerate**

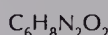
28319-77-9 2260 248-962-2



(R)-2,3-Dihydroxypropyl hydrogen phosphate choline hydroxide inner salt.

L- α -GPC; Brezal; Delecit; Gliatilin. Nootropic. mp = 142.5-143°; soluble in H₂O; [α]_D²⁵ = -2.7° (c = 2.7 H₂O pH 2.5), -2.8° (c = 2, 6 H₂O pH 5.8).**8984 Dimiracetam**

126100-97-8

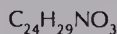


(±)-Dihydro-1H-pyrrolo[1,2-a]imidazole-2,5(3H,6H)-dione.

Cognition enhancer.

8985 Donepezil

120014-06-4



(±)-2-[(1-Benzyl-4-piperidyl)methyl]-5,6-dimethoxy-1-indanone.

Nootropic. A reversible acetylcholine esterase inhibitor used to treat Alzheimer's disease. *Pfizer Inc.***8986 Donepezil Hydrochloride**

(±)-2-[(1-Benzyl-4-piperidyl)methyl]-5,6-dimethoxy-1-indanone hydrochloride.

E-2020; Aricept. Nootropic. A reversible acetylcholine esterase inhibitor used to treat Alzheimer's disease. Freely soluble in CHCl₃; soluble in H₂O, glacial acetic acid; slightly soluble in EtOH, acetonitrile; practically insoluble in EtOAc, n-hexane. *Pfizer Inc.***8987 Dupracetam**

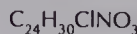
59776-90-8

1,2-Bis[(2-oxo-1-pyrrolidinyl)acetyl]hydrazine.

Nootropic.

8988 E-2020

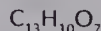
120011-70-3 3533



2,3-Dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidyl]methyl]-1H-inden-1-one hydrochloride.

Nootropic. Cognition enhancer. mp = 211-212°. *Eisai.***8989 Exifone**

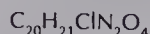
52479-85-3 3958 257-945-9



2,3,3',4,4',5'-Hexahydroxybenzophenone.

Adlone. Nootropic. mp = 270°, 272-273°; LD₅₀ (rat ip) = 355 mg/kg, (rat orl) = 1425 mg/kg. *BASF Corp.***8990 Fipexide**

34161-24-5 4126 251-857-4

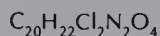


1-[(p-Chlorophenoxy)acetyl]-4-piperonylpiperazine.

Nootropic. *Lab. Bouchard.*

8991 Fipexide Hydrochloride

34161-23-4 4126 251-856-9

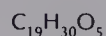


1-[(p-Chlorophenoxy)acetyl]-4-piperonylpiperazine hydrochloride.

BP-662; Attentil; Vigilor. Nootropic. mp = 230-232°; LD₅₀ (mus orl) = 4150 mg/kg, (mus ip) = 499 mg/kg, (rat orl) = 4482, 7000 mg/kg, (rat ip) = 537, 450 mg/kg. *Lab. Bouchard.*

8992 Idebenone

58186-27-9 4932

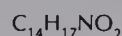


2-(10-Hydroxydecyl)-5,6-dimethoxy-3-methyl-p-benzoquinone.

CV-2619; Avan; Daruma; Mnesis. Nootropic. Protective against cerebral ischemia. mp = 46-50°, 52-53°; insoluble in H₂O, soluble in organic solvents.

8993 Indeloxazine Hydrochloride

65043-22-3 4972

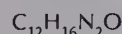


(±)-2-[(Inden-7-yloxy)methyl]morpholine.

YM-08054-1; Elen; Noin. Nootropic and antidepressant. Serotonin uptake inhibitor. mp = 169-170°, 155-156°; LD₅₀ (mus iv) = 47 mg/kg; [(+)-form]: mp = 112-113°; [α]_D²¹ = 4.9° (c = 5 MeOH); [(−)-form]: mp = 142-142.5°; [α]_D²⁰ = -4.9° (c = 5 MeOH). *Yamanouchi U.S.A. Inc.*

8994 Nebracetam

97205-34-0 6520

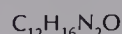


4-(Aminomethyl)-1-benzyl-2-pyrrolidinone.

Nootropic. Cognition enhancer. *Boehringer Ingelheim Pharmaceuticals, Inc.*

8995 Nebracetam (dl)-form

116041-13-5 6520

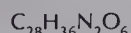


(±)-4-(Aminomethyl)-1-benzyl-2-pyrrolidinone.

WEB-1881. Nootropic. Cognition enhancer. *Boehringer Ingelheim Pharmaceuticals, Inc.*

8996 Nebracetam Fumarate

97205-35-1 6520

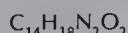


4-(Aminomethyl)-1-benzyl-2-pyrrolidinone fumarate.

WEB-1881FU. Nootropic. Cognition enhancer. mp = 192-194°; LD₅₀ (mrat iv) = 257 mg/kg, (mrat orl) = 2884 mg/kg, (frat iv) = 257 mg/kg, (frat orl) = 3622 mg/kg. *Boehringer Ingelheim Pharmaceuticals, Inc.*

8997 Nefiracetam

77191-36-7 6528

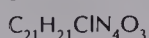


2-Oxo-1-pyrrolidineaceto-2',6'-xylidide.

DMMPA; DM-9384; DZL-221; Translon. Nootropic. Cognition enhancer. mp = 153°; LD₅₀ (mus iv) = 421 mg/kg, (mus orl) = 1766 mg/kg. *Natterman.*

8998 Nizofenone

54533-85-6 6759

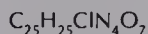


2'-Chloro-2-[2-[(diethylamino)methyl]imidazol-1-yl]-5-nitrobenzophenone.

Nootropic. mp = 75-76°. *Yoshitomi.*

8999 Nizofenone Fumarate

54533-86-7 6759

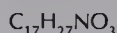


2'-Chloro-2-[2-[(diethylamino)methyl]imidazol-1-yl]-5-nitrobenzophenone fumarate.

midafenone; Y-9179; Ekonal. Nootropic. mp = 157-158°; LD₅₀ (mmus orl) = 495 mg/kg, (mmus iv) = 62 mg/kg, (mmus sc) = 270 mg/kg, (fmus orl) = 504 mg/kg, (fmus iv) = 70 mg/kg, (fmus sc) = 278 mg/kg, (mrat orl) = 1711 mg/kg, (mrat iv) = 63 mg/kg, (mrat sc) = 1830 mg/kg, (frat orl) = 1580 mg/kg, (frat iv) = 65 mg/kg, (frat sc) = 1629 mg/kg. *Yoshitomi.*

9000 Nonivamide

2444-46-4 219-484-1

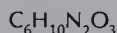


N-Vanillylnonamide.

nonylic acid vanillylamide; nonanoyl vanillylamide. Antinociceptive. Capsaicin derivative. Acts by depleting stores of substance P from sensory neurons.

9001 Oxiracetam

62613-82-5 7076



4-Hydroxy-2-oxo-1-pyrrolidineacetamide.

CGP-21690E; CT-848; ISF-2522; Neuractiv; Neuromet. Nootropic. mp = 165-168°; [(R)-form]: mp = 135-136°; [α]_D = 36.2° (c = 1.00 H₂O); [(S)-form]: mp = 135-136°; [α]_D = -36.0 (c = 1.00 H₂O). *I.S.F.*

9002 Piracetam

7491-74-9 7641 231-312-7

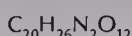


2-Oxo-1-pyrrolidineacetamide.

Cl-781; UCB-6215; Avigilen; Axonyl; Cerebroforte; Encetrop; Gabacet; Genogris; Geram. Nootron; Nootrop; Nootropil; Nootropyl; Norzetam; Normabrain; Pirroxil. Nootropic. mp = 151.5-152.5°. *UCB.*

9003 Piridoxilate

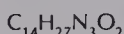
24340-35-0



[15-Hydroxy-4-(hydroxymethyl)-6-methyl-3-pyridyl]-methoxyglycolic acid compound with [[4,5-bis(hydroxymethyl)-2-methyl-3-pyridyl]oxy]glycolic acid (1:1). Putative physiological regulator of cell respiration. Protective against cardiac and cerebral hypoxia. Long-term treatment may lead to calcium oxalate nephrolithiasis. Antianoxic; nootropic.

9004 Pramiracetam

68497-61-1 7886

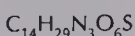


N-[2-(Diisopropylamino)ethyl]-2-oxo-1-pyrrolidineacetamide.

U-98528E; SUD919CL2Y; amacetam. Nootropic. bp_{0.15} = 162-164°; [monohydrate]: mp = 47-48°. *Boehringer Ingelheim Pharmaceuticals, Inc.; Parke-Davis.*

9005 Pramiracetam Sulfate

72869-16-0 7886

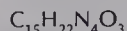


N-[2-(Diisopropylamino)ethyl]-2-oxo-1-pyrrolidineacetamide sulfate.

CI-879. Nootropic. LD₅₀ (mmus orl) = 5434 mg/kg, (fmsus orl) = 4355 mg/kg. *Boehringer Ingelheim Pharmaceuticals, Inc.; Parke-Davis.*

9006 Propentofylline

55242-55-2 7997



3-Methyl-1-(5-oxohexyl)-7-propylxanthine.

HWA-285; Albert-285; HOE-285; Hextol; Karsivan.

Nootropic. mp = 69-70°; soluble in H₂O (3.2 g/100 ml at 25°), EtOH (> 10 g/100ml), DMSO (> 10 g/100 ml); LD₅₀ (mmus orl) = 900 mg/kg, (mmus iv) = 168 mg/kg, (mmus ip) = 375 mg/kg, (mmus sc) = 450 mg/kg, (fmsus orl) = 780 mg/kg, (fmsus iv) = 170 mg/kg, (fmsus ip) = 346 mg/kg, (fmsus sc) = 508 mg/kg, (mrat orl) = 1150 mg/kg, (mrat iv) = 180 mg/kg, (mrat ip) = 199 mg/kg, (mrat sc) = 400 mg/kg, (frat orl) = 940 mg/kg, (frat iv) = 195 mg/kg, (frat ip) = 196 mg/kg, (frat sc) = 338 mg/kg. *Hoechst.*

9007 Pyritinol

1098-97-1 8180 214-150-1

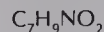


3,3'-(Dithiodimethylene)bis(5-hydroxy-6-methyl-4-pyridinemethanol).

pyrithioxin; Bonifen; Epocan. Nootropic. mp = 218-220°; [dihydrochloride monohydrate (C₁₆H₂₂Cl₂N₂O₄S₂, Biocefalin, Enbol, Encephabol, Enerbol, Life)]; mp = 184°. *E. Merck.*

9008 Rolziracetam

18356-28-0

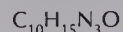


Dihydro-1H-pyrrolizine-3,5(2H,6H)-dione.

CI-911. Contributes to reversal of amnesia; protective against barbiturate intoxication; may benefit patients with moderate dementia. Nootropic; cognition adjuvant.

9009 Sabcomeline

159912-53-5

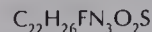


R-(Z)-α-(Methoxyimino)-1-azabicyclo[2.2.2]octane-3-acetonitrile.

SB-202026. Partial muscarinic receptor agonist. Cognitive adjuvant; nootropic.

9010 Sabeluzole

104383-17-7 8462



(±)-4-(2-Benzothiazolemethylamino)-α-[(p-fluorophenoxy)methyl]-1-piperidinemethanol.

R-58735; Reminyl. Nootropic. mp = 101.7°. *Janssen Pharmaceutical Inc.*

9011 Sibopirdine

139781-09-2

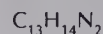


5,5-Bis(4-pyridylmethyl)-5H-cyclopenta[2,1-b:3,4-b']dipyridine monohydrate.

DuP-921. Nootropic. *DuPont Merck Pharmaceutical Co.*

9012 Tacrine

321-64-2 9199 206-291-2

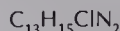


9-Amino-1,2,3,4-tetrahydroacridine.

Nootropic. Antidote to curare poisoning and respiratory stimulant. mp = 183-184°. *Parke-Davis.*

9013 Tacrine Hydrochloride

1684-40-8 9199 216-867-5



9-Amino-1,2,3,4-tetrahydroacridine hydrochloride.

Cognex; THA. Nootropic. Antidote to curare poisoning and respiratory stimulant. mp = 283-284°; soluble in H₂O. *Parke-Davis.*

9014 Tamitinol

59429-50-4

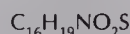


4-[(Ethylamino)methyl]-2-methyl-5-[(methylthio)methyl]-3-pyridinol.

Nootropic.

9015 Teniloxazine

62473-79-4

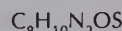


(±)-2-[[[α-2-Thienyl-o-tolyl]oxy]methyl]morpholine.

Y-8894 [as maleate]. Antidepressant; nootropic; antianoxic.

9016 Tenilsetam

86696-86-8



(±)-3-(2-Thienyl)-2-piperazinone.

A cognition-enhancing drug used for treatment of Alzheimer's disease. Advanced glycosylation endproducts inhibitor. Prevents protein crosslinking of amyloid plaques. Antidementia; nootropic; antihypoxidotic.

9017 Tepirindole

72808-81-2



5-Chloro-3-(1,2,3,6-tetrahydro-1-propyl-4-pyridyl)indole.

HR-592. A derivative of indole. Nootropic; tranquilizer.

9018 Velnacrine

104675-29-8 10077



(±)-9-Amino-1,2,3,4-tetrahydro-1-acridinol.

Nootropic. Cognition-enhancing acetylcholinesterase inhibitor. mp = 245°. *Hoechst-Roussel Pharmaceuticals Inc.*

9019 Velnacrine Maleate

118909-22-1 10077

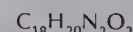


(±)-9-Amino-1,2,3,4-tetrahydro-1-acridinol maleate.

Mentane; HP-029; P83 6029A. Nootropic. Cognition-enhancing acetylcholinesterase inhibitor. mp = 171-173°; LD₅₀ (mus orl) = 136 mg/kg, (mus ip) = 162 mg/kg. *Hoechst-Roussel Pharmaceuticals Inc.*

9020 Vinconate

70704-03-9 10123 274-789-7

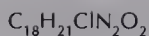


(±)-Methyl-3-ethyl-2,3,3a,4-tetrahydro-1H-indolo[3,2,1-de][1,5]naphthyridine-6-carboxylate.

chanodesethylapovincamine. Nootropic. mp = 120-121°. *Omnium Chim.*

9021 Vinconate Hydrochloride

119600-43-0 10123



(±)-Methyl-3-ethyl-2,3,3a,4-tetrahydro-1H-indolo[3,2,1-de][1,5]naphthyridine-6-carboxylate hydrochloride.

OC-340; OM-853. Nootropic. mp = 194-195°; LD₅₀ (mmus orl) = 947 mg/kg, (mmus iv) = 127 mg/kg, (mmus sc) = 4073 mg/kg, (fmus orl) = 699 mg/kg, (fmus iv) = 131 mg/kg, (fmus sc) = 3446 mg/kg, (mrat orl) = 2582 mg/kg, (mrat iv) = 112 mg/kg, (mrat sc) > 6000 mg/kg, (frat orl) = 2348 mg/kg, (frat iv) = 117 mg/kg, (frat sc) > 6000 mg/kg. *Omnium Chim.*

9022 Vindeburnol

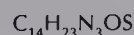
74709-54-9

(±)-20,21-Dinor-16α-eburnamenine.

RU-24722. An eburnamenine derivative with hepatotoxic properties. Putative phasic activator of catecholaminergic systems. Protective against cerebral anoxia and ischemia. Nootropic.

9023 Xanomeline

131986-45-3 10190



3-[4-(Hexyloxy)-1,2,5-thiadiazol-3-yl]-1,2,5,6-tetrahydro-1-methylpyridine.

LY-246708. Cholinergic and nootropic. Selective muscarinic M₂-receptor agonist. *Eli Lilly & Co.*

9024 Xanomeline Hydrogen Tartrate

152854-19-8 10190

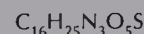


3-[4-(Hexyloxy)-1,2,5-thiadiazol-3-yl]-1,2,5,6-tetrahydro-1-methylpyridine tartrate.

LY-246708 tartrate; NNC-11-0232; Lomeron; Memcor. Cholinergic and nootropic. Selective muscarinic M₂-receptor agonist. mp = 95.5°. *Eli Lilly & Co.*

9025 Xanomeline Oxalate

141064-23-5 10190



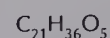
3-[4-(Hexyloxy)-1,2,5-thiadiazol-3-yl]-1,2,5,6-tetrahydro-1-methylpyridine oxalate.

Cholinergic and nootropic. Selective muscarinic M₂-receptor agonist. mp = 148°. *Eli Lilly & Co.*

Oxytocics

9026 Carboprost

35700-23-3 1871

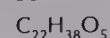


(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-[(3S)-(3-hydroxy-3-methyl-1-octenyl)]cyclopentyl]-5-heptenoic acid.

U-32921; (15S)-15-methylprostaglandin F_{2α}. Oxytotic. *Pharmacia & Upjohn, Inc.*

9027 Carboprost Methyl

35700-21-1 1871



Methyl (E,Z)-(1R,2R,3R,5S)-7-[3,5-dihydroxy-2-[(3S)-(3-hydroxy-3-methyl-1-octenyl)]cyclopentyl]-5-heptenoate.

U-36384. Oxytotic. mp = 55-56°; [α]_D = 24° (c = 0.81 EtOH). *Pharmacia & Upjohn, Inc.*

9028 Carboprost Tromethamine

58551-69-2 1871



(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-[(3S)-(3-hydroxy-3-methyl-1-octenyl)]cyclopentyl]-5-heptenoic acid compound with 2-amino-2-(hydroxymethyl)-1,3-propanediol. U-32921E; Hemabate; Prostin/15M. Oxytotic. *Pharmacia & Upjohn, Inc.*

9029 Cargutocin

33605-67-3 1887

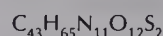


1-Butyric acid-6-(L-2-aminobutyric acid)-7-glycineoxytocin.

Y-5350; Statocin. Oxytotic. [α]_D²⁵ = -44.0° (c = 0.55 H₂O). *Yoshitomi.*

9030 Deaminooxytocin

113-78-0 2899 204-034-9



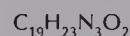
1-(3-Mercaptopropanoic acid)oxytocin.

demooxytocin; desaminooxytocin; ODA-914; Sandopart.

Oxytotic. [(L)-isomer]: mp = 179°, 182-183°; [α]_D²⁰ = -88.3°, [α]_D²¹ = -107°, [α]_D²⁵ = -95.1 (all c = 0.5 1N AcOH); [(D)-isomer]: α_D²⁰ = 104° (c = 0.5 in 1N AcOH).

9031 Ergonovine

60-79-7 3694 200-485-0



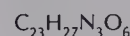
9,10-Didehydro-N-[(S)-2-hydroxy-1-methylethyl]-6-methylergoline-8β-carboxamide.

Ergotrate; ergopmetrine; Ergobasin; Ergotocine; Ergostetrine; Ergotrate; Ergokline; Syntometrine.

Oxytotic. mp = 162°; [α]_D²⁰ = 90° (H₂O); freely soluble in MeOH, EtOH, EtOAc, Me₂CO; soluble in H₂O; slightly soluble in CHCl₃. *Eli Lilly & Co.*

9032 Ergonovine Maleate

129-51-1 3694 204-953-5

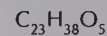


9,10-Didehydro-N-[(S)-2-hydroxy-1-methylethyl]-6-methylergoline-8β-carboxamide maleate (1:1) (salt).

Ergotrate Maleate; Cornocentin; Ermetrine. Oxytotic. mp = 167° (dec); [α]_D²⁵ = 48° to 57°; soluble in H₂O (2.8 g/100 ml), EtOH (0.83 g/100 ml); LD₅₀ (mus iv) = 8.26 mg/kg. *Eli Lilly & Co.*

9033 Gemeprost

64318-79-2 4393

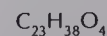


Methyl (E)-7-[(1R,2R,3R)-3-hydroxy-2-[(E)-(3R)-3-hydroxy-4,4-dimethyl-1-octenyl]-5-oxocyclopentyl]-2-heptenoate.

SC-37681; ONO-802; Cergem; Cervagem; Cervageme; Preglandin. Oxytotic. *Ono Pharmaceutical Co., Ltd.*

9034 Meteneprost

61263-35-2

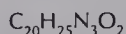


(Z)-7-[(1R,2R,3R)-3-Hydroxy-2-[(E)-(3R)-3-hydroxy-4,4-dimethyl-1-octenyl]-5-methylenecyclopentyl]-5-heptenoic acid.

U-46785. Oxytotic. *Pharmacia & Upjohn, Inc.*

9035 Methylergonovine

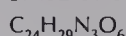
113-42-8 6147 204-027-0



9,10-Didehydro-N-[(S)-1-(hydroxymethyl)propyl]-6-methylergoline-8 β -carboxamide.
methylergometrine; methylergobasine. Oxytocic. mp = 172° (dec); [α]_D²⁰ = -45° (c = 0.5 C₅H₅N); freely soluble in EtOH, Me₂CO; sparingly soluble in H₂O. Sandoz Pharmaceuticals Corp.

9036 Methylergonovine Maleate

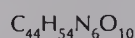
57432-61-8 6147 260-734-4



9,10-Didehydro-N-[(S)-1-(hydroxymethyl)propyl]-6-methylergoline-8 β -carboxamide maleate (1:1) (salt).
Methergine; Methergin; Basofortina; Metenarin; Methylergobrevin; Ryegonovin; Spametrin-F. Oxytocic. Slightly soluble in H₂O, EtOH; sparingly soluble in CHCl₃, Et₂O. Sandoz Pharmaceuticals Corp.

9037 Methylergonovine Tartrate

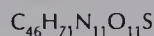
6209-37-6 6147



9,10-Didehydro-N-[(S)-1-(hydroxymethyl)propyl]-6-methylergoline-8 β -carboxamide tartrate (2:1) (salt).
Oxytocic. Freely soluble in H₂O, EtOH; slightly soluble in Et₂O, CHCl₃. Sandoz Pharmaceuticals Corp.

9038 Nacartocin

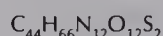
77727-10-7



1-(3-Mercaptopropionic acid)-2-[2-(p-ethylphenyl)-L-alanine]-6-(L-2-aminobutyric acid)oxytocin.
Synthetic oxytocin analog with natriuretic activity. Oxytocic.

9039 Oxytocin

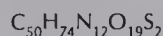
50-56-6 7114 200-048-4



Oxytocin.
Pitocin; Syntocinon; Uteracon; Alpha-hypophamine; ocytocin; Intertocine-S; Perlacton; Orasthin; Oxystin; Partocon; Synpitan; H-Cys-Tyr-Ile-Glu-Asp-Cys-Pro-Leu-Gly-NH₂ cyclic (1→6)-disulfide. Oxytocic. [α]_D²² = -26.2° (c = 0.53); soluble in H₂O, 1-BuOH, 2-BuOH. Fermenta Animal Health Co.; Hoechst-Roussel Pharmaceuticals Inc.; Parke-Davis; Sandoz Pharmaceuticals Corp.; Wyeth-Ayerst Labs.

9040 Oxytocin Citrate

7563-62-4 7114



Oxytocin citrate (salt).
Pitocin-Buccal. Oxytocic.

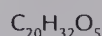
9041 Pituitary, Posterior

7666

Pituamin; Di-Sipidin; Pituitrin. Oxytocic and antidiuretic. The posterior lobe of the pituitary gland of domesticated animals. Contains oxytocin and vasopressin.

9042 Prostaglandin E₂

363-24-6 8065 206-656-6

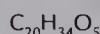


(E,Z)-(1R,2R,3R,5S)-7-[3-Hydroxy-2-[(3S)-(3-hydroxy-1-octenyl)-5-oxocyclopentyl]-5-heptenoic acid.

Prostaglandin E₂; U-12062; Prepidil; Dinoprost; PGF_{2 α} ; Enzaprost F; Glandin; Prostarmon F. Oxytocic. mp = 25-35°; [α]_D²⁵ = 23.5° (c = 1 THF); freely soluble in EtOH, MeOH, EtOAc, CHCl₃; slightly soluble in H₂O; LD₅₀ (rbit iv) = 2.5-5.0 mg/kg, (rbit im) = 2.5-5.0 mg/kg. Pharmacia & Upjohn, Inc.

9043 Prostaglandin F_{2 α}

551-11-1 8065

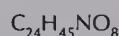


(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-[(3S)-(3-hydroxy-1-octenyl)]cyclopentyl]-5-heptenoic acid.

dinoprost; PGF_{2 α} ; U-14583; Enzaprost F; Glandin; Prostarmon F. Oxytocic. mp = 25-35°; [α]_D²⁵ = 23.5° (c = 1 THF); freely soluble in MeOH, EtOH, EtOAc, CHCl₃; slightly soluble in H₂O; LD₅₀ (rbit iv) = 2.5-5.0 mg/kg, (rbit im) = 2.5-5.0 mg/kg. Pharmacia & Upjohn, Inc.

9044 Prostaglandin F_{2 α} Tromethamine Salt

38562-01-5 8065 254-002-3



(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-[(3S)-(3-hydroxy-1-octenyl)]cyclopentyl]-5-heptenoic acid compound with 2-amino-2-(hydroxymethyl)-1,3-propanediol (1:1).

PGF_{2 α} THAM; U-14583E; Lutalyse; Prostin F₂ Alpha. Oxytocic. mp = 100-101°; freely soluble in H₂O (> 20 g/100 ml). Pharmacia & Upjohn, Inc.

9045 Quipazine Maleate

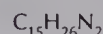
5786-68-5 227-314-2



2-(1-piperazinyl)quinoline maleate.
MA 1291. Oxytocic and antidepressant. Bayer Corp., Pharmaceutical Div.

9046 Sparteine

90-39-1 8887 201-988-8

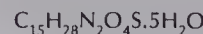


Dodecahydro [7S-(7 α ,7 α ,14 α ,14 α)]-7,14-methano-2H,6H-dipyrido[1,2-a:1',2'-e][1,5]diazocine.

l-sparteine; lupinidine. Oxytocic. bp₈ = 173°; [α]_D²¹ = -16.4° (c = 10 EtOH); d₄²⁰ = 1.020; soluble in H₂O (0.31 g/100 ml); freely soluble in EtOH, CHCl₃, Et₂O.

9047 Sparteine Sulfate Pentahydrate

6160-12-9 8887



Dodecahydro [7S-(7 α ,7 α ,14 α ,14 α)]-7,14-methano-2H,6H-dipyrido[1,2-a:1',2'-e][1,5]diazocine sulfate (1:1) pentahydrate.

Depasan; Tocosamine. Oxytocic. dec 136°; soluble in H₂O (9.1 g/100 ml), EtOH (3.3 g/100 ml); insoluble in CHCl₃, Et₂O.

Pigmentation Agents

9048 Methoxsalen

298-81-7 6068 206-066-9



9-Methoxy-7H-furo[3,2-g][1]benzopyran-7-one. Methoxa-Dome; 8-MOP; 8-MP; Oxsoralen Lotion; Oxsoralen Ultra; Uvadex; ammodin; xanthotoxin; 8-methoxypsoralen; Meladinine; Meloxine; Oxsoralen. Pigmentation agent. Used in treatment of psoriasis and mycosis fungoides. mp = 148°; λ_m = 219, 249, 300 nm (log ϵ 4.32, 4.35, 4.06); insoluble in cold H₂O; sparingly soluble in boiling H₂O; soluble in Me₂CO, AcOH, propylene glycol, C₆H₆, boiling EtOH; freely soluble in CHCl₃; LD₅₀ (rat ip) = 470 ± 30 mg/kg. *Bayer Corp., Pharmaceutical Div.; Hoffmann-LaRoche Inc.; ICN Pharmaceuticals, Inc.*

9049 Trioxsalen

3902-71-4 9864 223-459-0
C₁₄H₁₂O₃
2,5,9-Trimethyl-7H-furo[3,2-g][1]benzopyran-7-one. Trisoralen; NSC-71047. Pigmentation agent. mp = 234.5-235°; λ_m 250 295 335 nm (log ϵ 4.35, 3.99, 3.80 MeOH); slightly soluble in EtOH, CHCl₃; soluble in CH₂Cl₂; insoluble in H₂O. *ICN Pharmaceuticals, Inc.*

Plasma Volume Expanders**9050 Dextran**

9004-54-0 2989 232-677-5
Polysaccharide composed primarily of D-glucose units linked α -D-(1→6); produced by *Leuconostoc mesenteroides*, *L. dextranicum* (Lactobacteriaceae). Dextraven; Gentran; Hemodex; Intradex; Macrose; Onkotin; Plavolex; Polyglucin; Promit. Plasma volume extender.

9051 Dextran 40

9004-54-0 2989 232-677-5
Polysaccharide produced by the action of *Leuconostoc mesenteroides* on sucrose. LMD; LMWD; LVD, Eudextran; Gentran 40; Rheomacrodex; Rheotran. Plasma volume extender and blood flow adjuvant. Average molecular weight 40,000. *Baxter Healthcare Corp.; Kendall McGaw Inc.*

9052 Dextran 70

2989
Polysaccharide produced by the action of *Leuconostoc mesenteroides* on sucrose. Hyskon; Macrodex; Aquasite; component of: Biontears, Estivin II, Tears Naturale, Tears Naturale II, Tears Naturale Free. Plasma volume extender. Average molecular weight 70,000. *Alcon Labs.; Ciba Vision Ophthalmics; Kendall McGaw Inc.*

9053 Dextran 75

2989
Polysaccharide produced by the action of *Leuconostoc mesenteroides* on sucrose. Gentran 75. Plasma volume extender. Average molecular weight 75,000. *Baxter Healthcare Corp.*

9054 Hetastarch

9004-62-0 4707
Starch 2-hydroxyethyl ether. Hydroxyethyl starch; HES; 6-H.E.S.; Hespan; Hespander; Hestar; Hestat; Hestsol; Plasmasteril; Volex. An amylopectin derivative used as a cryoprotective agent for

erythrocytes and as a plasma volume extender.

9055 Polygeline

9015-56-9
Polymer of urea and polypeptides derived from denatured gelatin. Haemacel. Gelatin-based plasma volume expander.

9056 Serum Albumin

9048-46-8 8613 232-936-2
A plasma protein. Human serum albumin; HAS; Albuminate; Albuminar; Albumisol; Albumispan; Buminate; Pro-Bumin; Proserum. Plasma volume extender. Also used in the treatment of hypoproteinemia.

Potassium Channel Activators**9057 Aprikalim**

92569-65-8
C₁₂H₁₆N₂O₅
(-)-(1R,2R)-Tetrahydro-N-methyl-2-(3-pyridyl)thio-2H-thiopyran-2-carboxamide 1-oxide. A direct activator of ATP-sensitive potassium channels.

9058 Emakalim

129729-66-4
C₁₇H₁₆N₂O₃
(-)-(3S,4R)-3-Hydroxy-2,2-dimethyl-4-(2-oxo-1(2H)-pyridyl)-6-chromancarbonitrile. Potassium channel activator.

9059 Levromakalim

94535-50-9 5487
C₁₆H₁₈N₂O₃
(3S,4R)-3-Hydroxy-2,2-dimethyl-4-(2-oxo-1-pyrrolidinyl)-6-chromancarbonitrile. BRL-38227; lemakalim; (-)-cromakalim. Potassium channel activator. Used as an anti-asthmatic and antihypertensive. mp = 242-244°; [α]_D²⁶ = -52.2° (c = 1 CHCl₃); [(+)-form]: mp = 243-245°; [α]_D²⁶ = 53.5° (c = 1 CHCl₃); [(±)-form (cromakalim; BRL-34915)]: mp = 230-231°. *SmithKline Beecham Pharmaceuticals.*

9060 Mazokalim

164178-54-5
C₂₃H₂₈N₆O₆
Ethyl 5-[(3S,4R)-4-[(1,6-dihydro-6-oxo-3-pyridazinyl)oxy]-3-hydroxy-2,2,3-trimethyl-6-chromanyl]-1H-tetrazole-1-butyrate. Potassium channel activator.

9061 Nicorandil

65141-46-0 6608 265-514-1
C₈H₉N₃O₄
N-(2-Hydroxyethyl)nicotinamide nitrate (ester). SG-75; Ikorel; Perisalol; Sigmart. Potassium channel activator. Used as a coronary vasodilator. mp = 92-93°; LD₅₀ (rat orl) = 1200-1300 mg/kg, (rat iv) = 800-1000 mg/kg. *Chugai Pharmaceutical Co., Ltd.*

9062 Pinacidil

60560-33-0 7592 262-294-9
 $C_{13}H_{19}N_5.H_2O$
 (±)-2-Cyano-1-(4-pyridyl)-3-(1,2,2-trimethylpropyl)guanidine monohydrate.
 Pindac; P-1134. Potassium channel activator. Used as an antihypertensive. mp = 164-165°; LD₅₀ (mus orl) = 600 mg/kg, (rat orl) = 570 mg/kg. *Eli Lilly & Co.*

9063 Rilmakalim

132014-21-2
 $C_{21}H_{23}NO_5S$
 (+)-1[(3S,4R)-3-Hydroxy-2,2-dimethyl-6-(phenylsulfonyl)-4-chrmanyl]-2-pyrrolidinone.
 HOE-234 [as hemihydrate]. Activator of ATP-sensitive K⁺ channels.

Progestogens**9064 Algestone Acetophenide**

24356-94-3 239
 $C_{29}H_{36}O_4$
 (R)-16α,17-Dihydroxypregna-4-ene-3,20-dione cyclic acetal with acetophenone.
 Deladroxone; Drozone; SQ-15,101; P-DHP; Neolutin Depositum. Progestogen. Used to treat acne. mp = 150-151°; [α]_D²³ = 51° (CHCl₃). *Bristol-Myers Squibb Co.*

9065 Allylestrenol

432-60-0 299
 $C_{21}H_{32}O$
 17α-Allyl-17β-hydroxy-19-nor-4-androstene.
 Gestanin; Gestanol; Orageston; Gestanyn; Gestanon; Turinal. Progestogen. mp = 769.5-80°; insoluble in H₂O; soluble in EtOH, Et₂O, Me₂CO, CHCl₃. *Organon Inc.*

9066 Altrenogest

850-52-2 327
 $C_{21}H_{26}O_2$
 17α-Allyl-17β-hydroxyestra-4,9,11-trien-3-one.
 A-35957; RU-2267; Regumate. Progestogen. mp = 120°; [α]_D²⁰ = -72° (c = 0.5 EtOH). *Roussel-UCLAF.*

9067 Amadinone

30781-27-2
 $C_{20}H_{25}ClO_3$
 6-Chloro-17α-hydroxy-19-norpregna-4,6-diene-3,20-dione.
 Progestogen. *Syntex Labs. Inc.*

9068 Amadinone Acetate

22304-40-3
 $C_{22}H_{27}ClO_4$
 6-Chloro-17α-hydroxy-19-norpregna-4,6-diene-3,20-dione acetate.
 RS-2208. Progestogen. *Syntex Labs. Inc.*

9069 Anagestone

2740-52-5 664
 $C_{22}H_{34}O_2$
 17α-Hydroxy-6α-methylpregn-4-ene-20-one.
 Progestogen. mp = 190-193°; [α]_D²⁰ = 51° (CHCl₃). *Ortho*

Pharmaceutical Corp.

9070 Anagestone Acetate

3137-73-3 664
 $C_{24}H_{36}O_3$
 17α-Hydroxy-6α-methylpregn-4-ene-20-one acetate.
 Anotropin. Progestogen. mp = 173-175°; [α]_D²⁰ = 24° (CHCl₃). *Ortho Pharmaceutical Corp.*

9071 Chlormadinone Acetate

302-22-7 2152
 $C_{23}H_{29}ClO_4$
 6-Chloro-17α-hydroxypregna-4,6-diene-3,20-dione acetate.
 NSC-92338; Chronosyn; Cyclonorm; Fertiletten; Gestafortin; Lormin; Luteran; Lutorial; Natrol; Normenon; Menstridyl; Prostal; Traslan; Verton; component of: Amenyl, Lutestral, Menova, C-Quens, Gestamestrol, Sequens. An orally active progestogen with antiandrogenic activity. Used as a component of oral contraceptives. Used as a hormonal antineoplastic and, in veterinary medicine, as an estrus regulator. mp = 212-214°; [α]_D = 6° (c = 1 CHCl₃); λ_m = 283.5, 286 nm (ε = 23400, 22100). *Syntex Labs. Inc.*

9072 Cingestol

16915-71-2
 $C_{20}H_{28}O$
 19-Nor-17α-pregn-5-en-20-yn-17β-ol.
 Progestogen.

9073 Clogestone

20047-75-0
 $C_{23}H_{31}ClO_4$
 6-Chloro-3β,17-dihydroxypregna-4,6-dien-20-one.
 Progestogen. *Wyeth-Ayerst Labs.*

9074 Clogestone Acetate

3044-32-4
 $C_{25}H_{33}ClO_5$
 6-Chloro-3β,17-dihydroxypregna-4,6-dien-20-one diacetate.
 AY-11440. Progestogen. *Wyeth-Ayerst Labs.*

9075 Clomegestone

5367-84-0
 $C_{22}H_{29}ClO_3$
 6-Chloro-17α-hydroxy-16α-methylpregna-4,6-diene-3,20-dione.
 Progestogen. *Schering AG.*

9076 Clomegestone Acetate

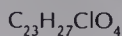
424-89-5
 $C_{24}H_{31}ClO_4$
 6-Chloro-17α-hydroxy-16α-methylpregna-4,6-diene-3,20-dione acetate.
 SH-741. Progestogen. *Schering AG.*

9077 Delmadinone

15262-77-8 2930
 $C_{21}H_{25}ClO_3$
 6-Chloro-17α-hydroxypregna-1,4,6-triene-3,20-dione.
 Δ¹-chlormadinone. Progestogen with anti-estrogenic and anti-androgenic activity. *Pharmacia & Upjohn, Inc.*

9078 Delmadinone Acetate

13698-49-2 2930

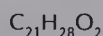


6-Chloro-17 α -hydroxypregna-1,4,6-triene-3,20-dione acetate.

RS-1301; Δ^1 -chlormadinone acetate; Delminal; Estrex; Tardastrex; Tarden; Zenadrex. Progestogen with anti-estrogenic and anti-androgenic activity. mp = 168-170°; $[\alpha]_D = -83^\circ$ (CHCl₃); $\lambda_m = 229, 258, 297$ nm (log ϵ 4.00, 4.00, 4.03 EtOH). *Pharmacia & Upjohn, Inc.*

9079 Demegestone

10116-22-0 2939



17 α -Methyl-19-nor- $\Delta^{4,9}$ -pregnadiene-3,20-dione.

R-2453; Lutionex. Progestogen. mp = 106°; $[\alpha]_D = -275^\circ$ (c = 0.5 EtOH); $\lambda_m = 214, 302$ nm (ϵ 6350, 21000 EtOH). *Roussel-UCLAF.*

9080 Desogestrel

54024-22-5 2971

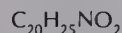


13-Ethyl-11-methylene-18,19-dinor-17 α -pregn-4-en-20-yn-17-ol.

Org-2969; Cyclosa; Dicromil; Marvelon 150/320; Mercilon; Ortho-Cept; Oviol; Varnoline; component of: Desogen. Progestogen with low androgenic potency. Used with estrogens in oral contraceptives. mp = 109-110°; $[\alpha]_D^{20} = 55^\circ$ (CHCl₃). *Organon Inc.*

9081 Dienogest

65928-58-7

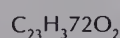


17-Hydroxy-3-oxo-19-nor-17 α -pregna-4,9-diene-21-nitrile.

Dienol; DV; Estrodienol; Cycladiene; Dinovex; Estroral; Gynefollin; hormofemin; Oestrasid; Oestrodienne; Oestroral; Restrol; Retalon; Synestrol. Progestogen.

9082 Dimethisterone

79-64-1 3268

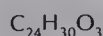


6 α ,21-Dimethyl-17 β -hydroxy-17 α -pregn-4-en-20-yn-3-one.

Secrosteron; component of: Oracon, Ovin, Tova. Progestogen. Formerly used with estrogens in oral contraceptives. mp = 102°; $[\alpha]_D^{20} = 10^\circ$ (c = 1 CHCl₃); $\lambda_m = 240$ nm ($E_{1\text{ cm}}^{1\%}$ 450 iPrOH); insoluble in H₂O; soluble in EtOH; less soluble in Me₂CO, CHCl₃. *BDH Laboratory Supplies.*

9083 Drospirenone

67392-87-4 3510

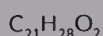


6 β ,7 β ,15 β ,16 β -Dimethylene-3-oxo-4-androstene[17- β -1'-spiro-5']perhydrofuran-2'-one.

ZK-30595; dihydrospirorenone. Progestogen with antimineralcorticoid and anti-androgenic activity. mp = 201.3°; $[\alpha]_D^{22} = -8182^\circ$ (c = 0.5 CHCl₃); $\lambda_m = 265$ nm (ϵ 19000 MeOH). *Schering AG.*

9084 Dydrogesterone

152-62-5 3524



10 α -Pregna-4,6-diene-3,20-dione.

Dufaston; Duphaston; Gestatron; Gynorest; Prodel; Retrone; NSC-92336. Progestogen. mp = 169-170°; $[\alpha]_D^{25} = -484.5$ (CHCl₃); $\lambda_m = 286.5$ (ϵ 26400).

9085 Ethisterone

434-03-7 3787

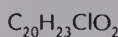


17 α -Ethynyl-17 β -hydroxyandrost-4-en-3-one.

Ora-Lutin; Pranone; Syngestrotabs; Trosinone; NSC-9565; Pregneninone; Lutocyclin; Lutocyclol; Progestoral. Progestogen. mp = 269-275°; $[\alpha]_D^{23} = 23.8^\circ$ (dioxane), $[\alpha]_D^{25} = -32.0^\circ$ (C₅H₅N); $\lambda_m = 241$ nm ($E_{1\text{ cm}}^{1\%}$ 513 MeOH); insoluble in H₂O; soluble in EtOH, Me₂CO, Et₂O, CHCl₃, vegetable oils. *Abbott Labs.; Schering Corp.; Parke-Davis; Pfizer Inc.*

9086 Ethynerone

3214-93-4



21-Chloro-17-hydroxy-19-nor-17 α -pregna-4,9-dien-20-yn-3-one.

Progestogen.

9087 Ethynodiol

1231-93-2 3905



19-Nor-17 α -pregn-4-en-20-yne-3 β ,17-diol.

ED. Progestogen.

9088 Ethynodiol Diacetate

297-76-7 3905



19-Nor-17 α -pregn-4-en-20-yne-3 β ,17-diol diacetate.

SC-11800; Femulen; Luteonorm; Luto-Metrodiol; Metrodiol; component of: Demulen, Metrulen, Ovulen, Luteolas, Ovaras, Conova, Miniluteolas. Progestogen. Used in combination with estrogens as an oral contraceptive. mp - 126-127°; $[\alpha]_D = -72.5^\circ$ (CHCl₃).

9089 Etonogestrel

54048-10-1

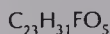


13-Ethyl-17-hydroxy-11-methylene-18,19-dinor-17 α -pregn-4-en-20-yn-3-one.

Org-3236. Progestogen. *Organon Inc.*

9090 Flurogestone Acetate

2529-45-5 4235

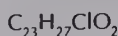


9-Fluoro-11 β ,17-dihydroxypregn-4-ene-3,20-dione 17-acetate.

SC-9880; NSC-65411; Chronogest; Cronolone; Synchronate; component of: Syncro-Mate. Progestogen. Used in veterinary medicine for estrus regulation. mp = 266-269°; $[\alpha]_D = 77.6^\circ$ (CHCl₃); $\lambda_m = 238$ nm (ϵ 17500 MeOH). *Searle, G.D., & Co.*

9091 Gestaclone

19291-69-1

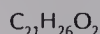


6-Chloro-1 α ,2 α :16 α ,17-bismethylene-4,6-pregnadiene-3,20-dione.

SH-1040. Progestogen. *Schering AG*.

9092 Gestodene

60282-87-3 4421

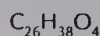


13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4,15-dien-20-yn-3-one.

SH B 331; component of: Femodene, Femovan, Ginoden, Gynera, Milvane, Minulet, Monodie, Phaeva, Triminulet. Progestogen. mp = 197.9°. *Schering AG*.

9093 Gestonorone Caproate

1253-28-7 4422

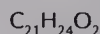


17-Hydroxy-9-norpregn-4-ene-3,20-dione hexanoate.

SH-582; NSC-84054; Depostat. Progestogen. mp = 123-124°; $[\alpha]_{\text{D}}^{20} = 13^\circ$ (CHCl_3); $\lambda_{\text{m}} = 239 \text{ nm}$ (ϵ 17540). *Schering AG*.

9094 Gestrinone

40542-65-2



13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4,9,11-trien-20-yn-3-one.

R-2323; RU-2323; A-46745. Progestogen. *Hoechst-Roussel Pharmaceuticals Inc.*

9095 Haloprogesterone

3538-57-6

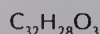


17-Bromo-6 α -fluoropregn-4-ene-3,20-dione.

17 α -bromo-6 α -fluoroprogesterone. Progestogen.

9096 17-Hydroxy-16-methylene- Δ^6 -progesterone

10087-54-4 4878



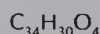
17-Hydroxy-16-methylene- Δ^6 -progesterone.

Progestogen. mp = 196.5-197°; $[\alpha]_{\text{D}}^{20} = -72.5^\circ$; $\lambda_{\text{m}} = 283 \text{ nm}$ (log ϵ 4.51). *E. Merck*.

9097 17-Hydroxy-16-methylene- Δ^6 -progesterone

Acetate

805-84-5 4878

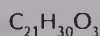


17-Hydroxy-16-methylene- Δ^6 -progesterone acetate.

Superlutin. Progestogen. mp = 233-234°; $[\alpha]_{\text{D}}^{20} = -132^\circ$; $\lambda_{\text{m}} = 283 \text{ nm}$ (lpg ϵ 4.50). *E. Merck*.

9098 17 α -Hydroxyprogesterone

68-96-2 4886

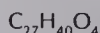


17-Hydroxypregn-4-ene-3,20-dione.

Gestageno; Prodox. Progestogen. Used in veterinary medicine for estrus regulation. mp = 222-223°; $[\alpha]_{\text{D}}^{17} = 105.6^\circ$ ($c = 1.0417 \text{ CHCl}_3$); [acetate]: mp = 239-240°; $\lambda_{\text{m}} = 240 \text{ nm}$ (log ϵ 4.33). *Syntex Labs. Inc.*; *Merck & Co., Inc.*; *Pharmacia & Upjohn, Inc.*

9099 17 α -Hydroxyprogesterone Caproate

630-56-8 4886



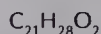
17-Hydroxypregn-4-ene-3,20-dione caproate.

Delalutin; Hyproval P.A.; Lewntogest; Pharlon; Proge;

Proluton Depot; Teralutil. Progestogen. Used in veterinary medicine for estrus regulation. mp = 119-121°; $[\alpha]_{\text{D}}^{20} = 61^\circ$ ($c = 1 \text{ CHCl}_3$). *Schering AG*.

9100 Levonorgestrel

797-63-7

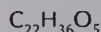


(-)-13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-ene-20-yn-3-one.

Norplant; Wy-5104; component of: Levlen, Nordette, Tri-Levlen, Triphasil. Progestogen. $[\alpha]_{\text{D}} = -33^\circ$. *Berlex Labs., Inc.*; *Wyeth-Ayerst Labs.*

9101 Lilopristone

97747-88-1



11 β -[p-(Dimethylamino)phenyl]-17 β -hydroxy-17-[(Z)-3-hydroxypropenyl]estra-4,9-diene-3-one.

13 β -configured (type II) progestin antagonist. Antiprogestin; antigestagin; abortifacient.

9102 Lynestrenol

52-76-6

5659



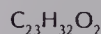
17 α -Ethynyl-17 β -hydroxyestr-4-ene.

Exluton; Exlutona; Exlutena; Orgametril; Orgametil; NSC-37725; component of: Anacyclin; Fysionorm; Minilyn; Noracyclin; Ovanon; Ovovesta; Yermonil; Lyndiol. Progestogen. Used in combination with estrogens as an oral contraceptive. mp = 158-160°; $[\alpha]_{\text{D}} = -13^\circ$ (CHCl_3).

9103 Medrogestone

977-79-7

5836



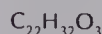
6,17-Dimethylpregna-4,6-diene-3,20-dione.

AY-62022; NSC-123018; Colpro; Colprone; Prothil. Progestogen. mp = 144-146°; $[\alpha]_{\text{D}}^{23} = 79^\circ$ ($c = 1 \text{ CHCl}_3$); $\lambda_{\text{m}} = 288 \text{ nm}$ (ϵ 25000). *Wyeth-Ayerst Labs.*

9104 Medroxyprogesterone

520-85-4

5838



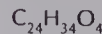
17 α -Hydroxy-6 α -methylprogesterone.

Progestogen. Orally active progestogen used with estrogens in oral contraceptives. Used in veterinary medicine for estrus regulation. mp = 220-223.5°; $[\alpha]_{\text{D}}^{25} = 75^\circ$ (CHCl_3); $\lambda_{\text{m}} = 241 \text{ nm}$ (ϵ 16000 EtOH). *Farmitalia; Pharmacia & Upjohn, Inc.*

9105 Medroxyprogesterone Acetate

71-58-9

5838

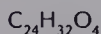


17 α -Hydroxy-6 α -methylprogesterone acetate.

MAP; Amen; Clinovir; Curretat; Cycrin; Depo-Clinovir; Depo-Provera; Farlutal; Gestapuran; G-Farlutal; Hysron; Lutoral; Nadigest; Nidaxin; Oragest; Perlutex; Prodasone; Provera; Sodelut G; Veramix; component of: Provest. Progestogen. Orally active progestogen used with estrogens in oral contraceptives. Used in veterinary medicine for estrus regulation. mp = 207-209°; $[\alpha]_{\text{D}} = 61^\circ$ (CHCl_3); $\lambda_{\text{m}} = 240 \text{ nm}$ (ϵ 15900). *Farmitalia; Pharmacia & Upjohn, Inc.*

9106 Megestrol Acetate

595-33-5 5849

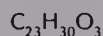


17-Hydroxy-6-methylpregna-4,6-diene-3,20-dione acetate.

Maygace; Megace; Megestat; Megestil; Nia; Niagestin; Ovaban; component of: Co-Ervonum, Kombiquens, Noval, Nuvacon, Planovin, Triu-Ervonum, Volidan, Weradys, Delpregnin. Progestogen. Used for palliative treatment of breast cancer. mp = 214-216°; $[\alpha]_D^{24} = 5^\circ$ (CHCl₃); $\lambda_m = 287$ nm (log ϵ 4.40); soluble in H₂O (2 σ /ml), plasma (24 σ /ml). Searle, G.D., & Co.; BDH Laboratory Supplies.

9107 Melengestrol

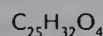
5633-18-1 5859

17 α -Hydroxy-6-methyl-16-methylenepregna-4,6-diene-3,20-dione.

Progestogen and antineoplastic agent. BDH Laboratory Supplies.

9108 Melengestrol Acetate

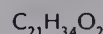
2919-66-6 5859

17 α -Hydroxy-6-methyl-16-methylenepregna-4,6-diene-3,20-dione acetate.

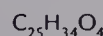
MGA. Progestogen and antineoplastic agent. mp = 224-226°; $[\alpha]_D^{23} = -127^\circ$ (c = 0.31 CHCl₃); $\lambda_m = 287$ nm (log ϵ 4.35 EtOH). BDH Laboratory Supplies.

9109 Methynodiol

23163-42-0

11 β -Methyl-19-nor-17 α -pregn-4-ene-20-yne 3 β ,17-diol. Progestogen. Searle, G.D., & Co.**9110 Methynodiol Diacetate**

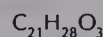
23163-51-1

11 β -Methyl-19-nor-17 α -pregn-4-ene-20-yne 3 β ,17-diol diacetate.

SC-19198. Progestogen. Searle, G.D., & Co.

9111 Nomegestrol

58691-88-6

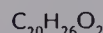


17-Hydroxy-6-methyl-19-norpregna-4,6-diene-3,20-dione.

TX-066 [as acetate]; Lutenyl [as acetate]; Uniplant [as acetate]; Thermex; Monaco. A synthetic progestin with a high affinity for the progesterone receptor used, in the acetate form, as a subdermal contraceptive. Nonandrogenic progestogen.

9112 Norethindrone

68-22-4 6790

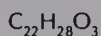
17 β -Hydroxy-19-norpregn-4-en-20-yn-3-one.

19-norethisterone; norpregneninolone; mini-pill; Conludag; Menzol; Micronor; Micronovum; Mini-Pe; Norcolut; Noriday; Norluten; Norlutin; Nor-QD; Primolut N; Utovlan; component of: Binovum, Brevicon, Brevinor, Conceplan, Modicomn, Neocon 1/35, Norimin, Norinyl 1+35, Norquentiel, Ortho-Novum 1/35, Ortho-Novum 7/7/7, Ovcon, Ovysmen, Synphase, Tri-Norinyl,

Trinovum, Norinyl-1, Ortho-Novin 1/50, Ortho-Novum 1/50. Progestogen. Used in combination with estrogens as an oral contraceptive. mp = 203-204°; $[\alpha]_D^{20} = -31.7^\circ$ (CHCl₃); $\lambda_m = 240$ nm (log ϵ 4.24). Syntex Labs. Inc.

9113 Norethindrone Acetate

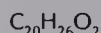
51-98-9 6790

17 β -Hydroxy-19-norpregn-4-en-20-yn-3-one acetate.

Aygestin; Milligynon; Norlutate; Primolut-Nor; component of: Etalontin, Primosiston, Anovlar, Gynovlar, Loestrin, Minovlar, Norlestrin. Progestogen. Used in combination with estrogens as an oral contraceptive. mp = 161-162°; $\lambda_m = 240$ nm (ϵ 18690). Syntex Labs. Inc.; Schering AG.

9114 Norethynodrel

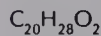
68-23-5 6791

17 α -Hydroxy-19-norpregn-5(10)-en-20-yn-3-one.

Enavid; Enovid; component of: Conovid E. Progestogen. Used in combination with estrogens as an oral contraceptive. mp = 169-170°; $[\alpha]_D = 108^\circ$ (c = 1 CHCl₃). Searle, G.D., & Co.

9115 Norgesterone

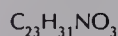
13563-60-5 6795

17 α -Hydroxy-19-norpregna-5(10),20-diene-3-one.

norvinodrel; vinylestrenolone; component of: Vestalin. Progestogen. Used in combination with estrogens as an oral contraceptive. mp = 142-143°; $[\alpha]_D = 161^\circ$ (CHCl₃). Richter.

9116 Norgestimate

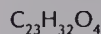
35189-28-7 6796

17 α -(Acetyloxy)-13-ethyl-18,19-dinorpregn-4-en-20-yn-3-one 3-oxime.

D-138; ORF-10131; RWJ 10131; component of: Ortho-Cyclen, Cilest, Ortho-Tri-Cyclen, Ortel, TriCilest. Progestogen. Used in combination with estrogens as an oral contraceptive. mp = 214-218°; $[\alpha]_D^{25} = 110^\circ$. Ortho Pharmaceutical Corp.

9117 Norgestomet

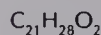
25092-41-5

17-Hydroxy-11 β -methyl-19-norpregn-4-ene-3,20-dione acetate.

SC-21009. Progestogen. Searle, G.D., & Co.

9118 Norgestrel

6533-00-2 6797

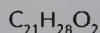
(±)-13-Ethyl-17 α -hydroxy-18,19-dinorpregn-4-en-20-yn-3-one.

WY-3707; Neogest; Ovrette; component of: Lo/Ovral, Ovral, Stediril. Progestogen. Used as an oral contraceptive. The levorotatory isomer is biologically active. mp = 205-207°; $\lambda_m = 241$ nm (ϵ 16700 EtOH). Wyeth-Ayerst Labs.

9119 (-)-Norgestrel

797-63-7

6797

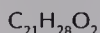
(-)-13-Ethyl-17 α -hydroxy-18,19-dinorpregn-4-en-20-yn-3-one.

levonorgestrel; D-norgestrel; Dexnorgestrel; Microlut; Microval; Norgeston; Norplant; component of: Levlen, Logynon, Microgynon, Nordette, Ovran, Ovranette, Tetragynon, Tr-Levlen, Trinordiol, Triphasil. Progestogen. Used in implants as an oral contraceptive. The levorotatory isomer is biologically active. mp = 235-237°; $[\alpha]_D^{20}$ = -32.4° (c = 0.496 CHCl₃); λ_m = 241 nm (ϵ 16770 MeOH). Wyeth-Ayerst Labs.

9120 (+)-Norgestrel

797-64-8

6797

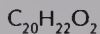
(+) -13-Ethyl-17 α -hydroxy-18,19-dinorpregn-4-en-20-yn-3-one.

dextronorgestrel. Progestogen. Used as an oral contraceptive. The levorotatory isomer is biologically active. mp = 238-242°; $[\alpha]_D^{25}$ = 40.7° (CHCl₃). Wyeth-Ayerst Labs.

9121 Norgestrienone

848-21-5

6798

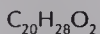
17 α -Hydroxy-19-norpregna-4,9,11-trien-20-yn-3-one.

Ogylone. Progestogen. mp = 169°; $[\alpha]_D^{25}$ = 63° (c = 0.5 EtOH); λ_m = 342, 238 nm (ϵ 29100, 5920); soluble in alcohols, Et₂O, Me₂CO, C₆H₆, CHCl₃; insoluble in H₂O. Roussel-UCLAF.

9122 Norvinisterone

6795-60-4

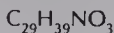
6814

17 α -Hydroxy-19-norpregna-4,20-dien-3-one.

Nor-Progestealea. Progestogen. mp = 169-171°; $[\alpha]_D$ = 36°. Searle, G.D., & Co.

9123 Onapristone

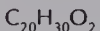
96346-61-1

11 β -[p-(Dimethylamino)phenyl]-17 α -hydroxy-17-[3-hydroxypropyl]-13 α -estra-4,9-diene-3-one.

Progesterone receptor antagonist. Antiprogesterin.

9124 Oxogestone

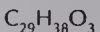
3643-00-3

20 β -Hydroxy-19-norpregna-4-en-3-one.

Progestogen. Organon Inc.

9125 Oxogestone Phenpropionate

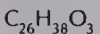
16915-80-3

20 β -Hydroxy-19-norpregna-4-en-3-one hydrocinnamate.

Progestogen. Organon Inc.

9126 Pentagestrone

7001-56-1

7251^b

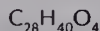
3-(Cyclopentylloxy)-17-hydroxypregna-3,5-dien-20-one.

Progestogen. mp = 184.5-186.5°; $[\alpha]_D$ = -115°. Vismara.

9127 Pentagestrone Acetate

1178-60-5

7251

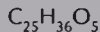


3-(Cyclopentylloxy)-17-hydroxypregna-3,5-dien-20-one acetate.

Gestovis. Progestogen. mp = 137-138°, 157-158°; $[\alpha]_D$ = -147° (dioxane). Vismara.

9128 Pregnenolone Succinate

4598-67-8

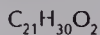
3 β -Hydroxypreg-5-en-20-one hydrogen succinate.

Formula 405. Non-hormonal sterol derivative. A neurosteroid. Forms a progesterone analog on dehydrogenation. Doak Pharmacal Co.

9129 Progesterone

57-83-0

7956



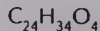
Pregn-4-en-3,20-dione.

corpus luteum hormone; luteohormone; Corlutina; Corluvite; Cyclogest; Gestiron; Gestone; Lipo-Lutin; Lutocucin M; Lutogyl; Lutromone; Progestasert; Progestin; Progestogel; Progestol; Progeston; Prolidon; Proluton; Syngesterone; Utrogestan. Progestogen. [α form]: mp = 127-131°; d^{23} = 1.166; [β form]: mp = 121°; d^{20} = 1.171; $[\alpha]_D^{20}$ = 172° to 182° (c = 2 dioxane); λ_m = 240 nm; soluble in EtOH, Me₂CO, dioxane.

9130 Proligestone

23873-85-0

245-922-6



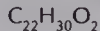
14,17-Dihydroxypregn-4-ene-3,20-dione cyclic acetal with propionaldehyde.

A progestin.

9131 Promegestone

34184-77-5

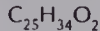
7969

17 β -Methyl-17-(1-oxopropyl)estra-4,9-dien-3-one.

R-5020; RU-5020; Surgestone. Synthetic progestogen. Has high affinity for the progesterone receptor and no androgenic activity. Used as a radioligand for the progesterone receptor. mp = 512°; soluble in Me₂CO, C₆H₆; insoluble in H₂O; $[\alpha]_D^{20}$ = -262° (c = 0.5 EtOH); λ_m = 215, 305 nm ($E_{1\%}^{1\text{cm}}$ 202, 648 EtOH). Roussel-UCLAF.

9132 Quingestanol

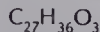
10592-65-1

3-(Cyclopentylloxy)-19-nor-17 α -pregna-3,5-dien-20-yn-17-ol.

Progestogen. Parke-Davis.

9133 Quingestanol Acetate

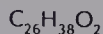
300-39-3

3-(Cyclopentylloxy)-19-nor-17 α -pregna-3,5-dien-20-yn-17-ol acetate.

W-4540. Progestogen. Parke-Davis.

9134 Quingestrone

67-95-8



3-(Cyclopentyloxy)pregna-3,5-dien-20-one.

W-3399. Progestogen. *Parke-Davis*.**9135 Tigestol**

896-71-9

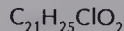
19-Nor-17 α -pregn-5(10)-en-20-yn-17-ol.

Progestogen.

9136 Trengestone

5192-84-7

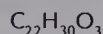
9717

(9 β ,10 α)-6-Chloropregna-1,4,6-triene-3,20-dione.

Ro-4-8347; Retroid. Progestogen. A retrosteroid. mp =

208-209°; λ_m = 229, 253, 302 nm (ϵ 11500, 10520, 10650). *Hoffmann-LaRoche Inc.***9137 Trimegestone**

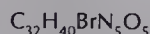
74513-62-5

(S)-Lactoyl-17 α -methylestra-4,9-dien-3-one.RU-27987. Progestogen. *Roussel-UCLAF*.**Prolactin Inhibitors****9138 Bromocriptine**

25614-03-3

1437

247-128-5

2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-methylpropyl)-5 α -ergotaman-3',6',18-trione.

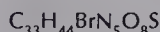
CB-154. Prolactin inhibitor. Antiparkinsonian. mp = 215-

218° (dec); [α]_D²⁰ = -195° (c = 1 CH₂Cl₂); LD₅₀ (rbt orl) > 1000 mg/kg, (rbt iv) = 12 mg/kg. *Sandoz Pharmaceuticals Corp.***9139 Bromocriptine Methanesulfonate**

22260-51-1

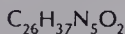
1437

244-881-1

2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-methylpropyl)-5 α -ergotaman-3',6',18-trione methanesulfonate.CB 154 mesylate; Parlodel; Bagren; Pravidel. Prolactin inhibitor. Antiparkinsonian. mp = 192-196° (dec); [α]_D²⁰ = 95° (c = 1 MeOH/CH₂Cl₂); soluble in MeOH (91 g/100 ml), EtOH (2.3 g/100 ml), H₂O (0.08 g/100 ml), CHCl₃ (0.045 g/100ml)C₆H₆ (< 0.01 g/100 ml). *Sandoz Pharmaceuticals Corp.***9140 Cabergoline**

81409-90-7

1637

1-[(6-Allylergolin-8 β -yl)carbonyl]-1-[3-(dimethylamino)propyl]-3-ethylurea.

FCE-21336; Dostinex. Prolactin inhibitor. mp = 102-104°;

LD₅₀ (mus orl) > 400 mg/kg; [diphosphate(C₂₆H₄₃N₅O₁₀P₂)]: mp = 153-155°. *Farmitalia Carlo Erba SpA*.**9141 Lergotril**

36945-03-6

2-Chloro-6-methylergoline-8 β -acetonitrile.Prolactin inhibitor. *Eli Lilly & Co.***9142 Lergotril Mesylate**

51473-23-5

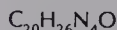
257-225-4

2-Chloro-6-methylergoline-8 β -acetonitrile monomethanesulfonate.Prolactin inhibitor. *Eli Lilly & Co.***9143 Lisuride**

18016-80-3

5541

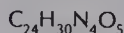
241-925-1

3-(9,10-Didehydro-6-methylergolin-8 α -yl)-1,1-diethylurea.methylergol carbamide; lysuride. Antimigraine, prolactin inhibitor and antiparkinsonian. mp = 186°; [α]_D²⁰ = 313° (c = 0.60 C₅H₅N).**9144 Lisuride Maleate**

19875-60-6

5541

243-387-3

3-(9,10-Didehydro-6-methylergolin-8 α -yl)-1,1-diethylurea maleate.

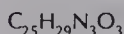
Apodel; Cuvalit; Dopergin; Eunal; Lysenyl; Revanil. Antimigraine, prolactin inhibitor and antiparkinsonian.

mp = 200° (dec); [α]_D²⁰ = 288° (c = 0.5 MeOH); λ_m = 313 nm (MeOH); LD₅₀ (mus iv) = 14.4 mg/kg.**9145 Metergoline**

17692-51-2

5999

241-686-3



(±)-N-(Carboxy)-1-methyl-9,10-dihydrolysergamine benzyl ester.

FI 6337; MCE. Prolactin inhibitor. mp = 146-149°; [α]_D²⁸ = -7° $\pm$ 2°; λ_m 291 nm ($E_{1\text{ cm}}^{1\%}$ 165); very soluble in C₅H₅N; soluble in EtOH, Me₂CO, CHCl₃; insoluble in C₆H₆, Et₂O, H₂O; LD₅₀ (mus orl) = 430 mg/kg. *Farmitalia*.**9146 Quinagolide**

87056-78-8

8226



(±)-N,N-Diethyl-N'-[(3R*,4aR*,10aS*)-

1,2,3,4,4a,5,10,10a-octahydro-6-hydroxy-1-propylbenzo[g]quinolin-3-yl)sulfamide.

Prolactin inhibitor. mp = 122.5-124°. *Sandoz Pharmaceuticals Corp.***9147 Quinagolide Hydrochloride**

94424-50-7

8226



(±)-N,N-Diethyl-N'-[(3R*,4aR*,10aS*)-

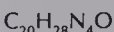
1,2,3,4,4a,5,10,10a-octahydro-6-hydroxy-1-propylbenzo[g]quinolin-3-yl)sulfamide hydrochloride.

CV-205-502; SDZ-205-502; Norprolac. Prolactin inhibitor. mp = 234-236°. *Sandoz Pharmaceuticals Corp.***9148 Terguride**

37686-84-3

9308

253-624-2

1,1-Diethyl-3-(6-methylergolin-8 α -yl)urea.

TDHL. Prolactin inhibitor. Antiparkinsonian. mp = 203-204° (dec), 205-207° (dec); $[\alpha]_D^{20}$ = 30° (c = 1 C₅H₅N); 29° (c = 0.2 C₅H₅N); λ_m = 292, 281, 224 nm (log ϵ 3.72, 3.81, 4.42 C₅H₅N); insoluble in H₂O. *SPOFA*.

9149 Terguride Hydrogen Maleate

37686-85-4 9308 253-625-8
C₂₄H₃₂N₄O₅
1,1-Diethyl-3-(6-methylergolin-8 α -yl)urea maleate.
SH-406; VUFB-6638; ZK31224; Dironyl; Mysalfon.
Antihyperprolactinemic and antiparkinsonian. Prolactin inhibitor. mp = 190-191°; [monohydrate]: mp = 150-153°; $[\alpha]_D^{20}$ = -15.0° (c = 0.1 H₂O); soluble in H₂O (1.26 g/100 ml). *SPOFA*.

Prostaglandins

9150 Arbaprostil

55028-70-1 808
C₂₁H₃₄O₅
(E,Z)-(1R,2R,3R)-7-[3-Hydroxy-2-[(3R)-(3-hydroxy-3-methyl-1-octenyl)]-5-oxocyclopentyl]-5-heptenoic acid.
15-methylprostaglandin E₂; U-42842; Arbacet.
Prostaglandin. Gastric anti-secretory. Antiulcerative.
[(15S)-methyl ester (C₂₂H₃₆O₅)]: $[\alpha]_D$ = -79° (c = 1.3 CHCl₃); λ_m = 278 nm (ϵ 25250 EtOH); [(15R)-methyl ester (C₂₂H₃₆O₅)]: $[\alpha]_D$ = -74° (c = 1.0 CHCl₃); λ_m = 278 nm (ϵ 25200 EtOH). *Pharmacia & Upjohn, Inc.*

9151 Ataprost

83997-19-7
C₂₁H₃₂O₄
(+)-(2E,3aS,4R,5R,6aS)-4-[(1E,3S)-3-Cyclopentyl-3-hydroxypropenyl]-3,3a,4,5,6,6a-hexahydro-5-hydroxy- $\Delta^{2(1H),6}$ -pentalenevaleric acid.
Prostaglandin with hepatoprotectant properties.

9152 Beraprost

88430-50-6 1190
C₂₄H₃₀O₅
($\pm$)-(1R,2R,3aS,8bS)-2,3,3a,8b-Tetrahydro-2-hydroxy-1-[(e)-(3S,4RS)-3-hydroxy-4-methyl-1-octen-6-ynyl]-1H-cyclopenta[b]benzofuran-5-butyric acid.
ML-1229; MDL-201229. Prostaglandin. Platelet aggregation inhibitor. *Marion Merrell Dow Inc.*

9153 Beraprost Sodium Salt

88475-69-8 1190
C₂₄H₂₉NaO₅
Sodium ($\pm$)-(1R,2R,3aS,8bS)-2,3,3a,8b-tetrahydro-2-hydroxy-1-[(e)-(3S,4RS)-3-hydroxy-4-methyl-1-octen-6-ynyl]-1H-cyclopenta[b]benzofuran-5-butyrate.
TRK-100; ML-1129; MDL-201129; Dörner; Procyclin.
Prostaglandin. Platelet aggregation inhibitor. *Marion Merrell Dow Inc.*

9154 Carboprost

35700-23-3 1871
C₂₁H₃₆O₅
(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-[(3S)-(3-hydroxy-3-methyl-1-octenyl)]cyclopentyl]-5-heptenoic acid.
U-32921; 15-methylprostaglandin F₁₅12 α . Prostaglandin.

Oxytocic. *Pharmacia & Upjohn, Inc.*

9155 Carboprost Methyl Ester

35700-21-1 1871
C₂₂H₃₈O₅
Methyl (E,Z)-(1R,2R,3R,5S)-7-[3,5-dihydroxy-2-[(3S)-(3-hydroxy-3-methyl-1-octenyl)]cyclopentyl]-5-heptenoate.
U-36384; carboprost methyl. Prostaglandin. Oxytocic.
mp = 55-56°; $[\alpha]_D$ = 24° (c = 0.81 MeOH). *Pharmacia & Upjohn, Inc.*

9156 Carboprost Tromethamine Salt

58551-69-2 1871
C₂₅H₄₇NO₈
(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-[(3S)-(3-hydroxy-3-methyl-1-octenyl)]cyclopentyl]-5-heptenoic acid compound with 2-amino-2-(hydroxyethyl)-1,3-propanediol.
Hemabate; U-32921E; carboprost trometamol; U-36384Prostin/15M. Prostaglandin. Oxytocic. *Pharmacia & Upjohn, Inc.*

9157 Cloprostenol

40665-92-7 2461 255-028-8
C₂₂H₂₉ClO₆
($\pm$)-(Z)-7-[(1R*,2R*,3R*,5S*)2-[(E)-(3R*)-4-(m-Chlorophenoxy)-3-hydroxy-1-butenyl]-3,5-dihydroxycyclopentyl]-5-heptenoic acid.
Prostaglandin. Used in treatment of infertility in farm animals and in synchronization of estrus. *ICI; Bayer Animal Health.*

9158 Cloprostenol Sodium

55028-72-3 2461 259-439-3
C₂₂H₂₈ClNaO₆
Sodium ($\pm$)-(Z)-7-[(1R*,2R*,3R*,5S*)2-[(E)-(3R*)-4-(m-chlorophenoxy)-3-hydroxy-1-butenyl]-3,5-dihydroxycyclopentyl]-5-heptenoate.
Estrumate; ICI-80996; Planate. Prostaglandin. Used in treatment of infertility in farm animals and in synchronization of estrus. *ICI; Bayer Animal Health.*

9159 Dinoprost Tromethamine

38562-01-5 8065 254-002-3
C₂₄H₄₅NO₈
(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-[(3S)-(3-hydroxy-1-octenyl)]cyclopentyl]-5-heptenoic acid compound with 2-amino-2-(hydroxyethyl)-1,3-propanediol.
Prostaglandin F_{2 α} tromethamine; PGF_{2 α} THAM; U-14583E. Prostaglandin. Oxytocic. mp = 25-35°; $[\alpha]_D^{25}$ = 23.5° (c = 1 THF); freely soluble in MeOH, EtOH, EtOAc, CHCl₃, slightly soluble in H₂O; LD₅₀ (rbt iv, im) = 2.5-5.0 mg/kg; [tromethamine salt (C₂₄H₄₅NO₈)]: mp = 100-101°, soluble in H₂O (> 200 mg/ml). *Pharmacia & Upjohn, Inc.*

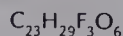
9160 Enprostil

73121-56-9 3629
C₂₃H₂₈O₆
Methyl 7-[(1R*,2R*,3R*)-3-hydroxy-2-[(E)-(3R*)-3-hydroxy-4-phenoxy-1-butenyl]-5-oxocyclopentyl]-4,5-heptadienoate.
Gardrin; RS-84135; Camleed, Fundyl; Gardrine; Syngard.
Prostaglandin. Antisecretory and antiulcerative. mp < 46°; slightly soluble in H₂O; soluble in EtOH, propylene glycol, propylene carbonate; λ_m 220, 265, 271, 277 nm (log ϵ 4.01, 3.14, 3.24, 3.16 MeOH). *Syntex International,*

Ltd.

9161 Fluprostenol

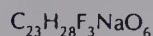
40666-16-8 4231 255-029-3



(±)-(zZ)-7-[(1R*,2R*,3R*,5S*)-3,5-Dihydroxy-2-[(E)-(3R*)-3-hydroxy-4-[(α,α,α-trifluoro-m-tolyl)oxy]-1-butenyl]cyclopentyl]-5-heptenoic acid.
Equimate; ICI-81008. Prostaglandin. Used in treatment of infertility in mares. *ICI; Bayer Animal Health.*

9162 Fluprostenol Sodium

55028-71-2 4231 259-438-8



Sodium (±)-(Z)-7-[(1R*,2R*,3R*,5S*)-3,5-dihydroxy-2-[(E)-(3R*)-3-hydroxy-4-[(α,α,α-trifluoro-m-tolyl)oxy]-1-butenyl]cyclopentyl]-5-heptenoate.
ICI-80008. Prostaglandin. Used in treatment of infertility in mares. *ICI; Bayer Animal Health.*

9163 Gemeprost

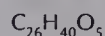
64318-79-2 4393 264-775-9



Methyl (E)-7-[(1R,2R,3R)-3-hydroxy-2-[(E)-(3R)-3-hydroxy-4,4-dimethyl-1-octenyl]-5-oxocyclopentyl]-2-heptenoate.
SC-37681; Cervagem; Cervageme; Preglandin; ONO-802. Prostaglandin. Abortifacient and oxytocic. *Searle, G.D., & Co.*

9164 Latanoprost

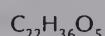
130209-82-4 5387



Isopropyl (Z)-7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]-cyclopentyl]-6-heptenoate.
Xalatan; PHXA41; XA41. Prostaglandin. Antiglaucoma agent. $[\alpha]_D^{25} = 31.57^\circ$ (c = 0.91 CH₃CN). *Pharmacia & Upjohn, Inc.; Kabi.*

9165 Limaprost

74397-12-9 5514



(E)-7-[(1R,2R,3R)-3-Hydroxy-2-[(E)-(3S,5S)-3-hydroxy-5-methyl-1-nonenyl]-5-oxocyclopentyl]-2-heptenoic acid.
Prostaglandin. Antianginal. mp = 97-100°. *Ono Pharmaceutical Co., Ltd.; Warner Lambert.*

9166 Luprostiol

67110-79-6 5368

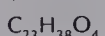


(±)-(Z)-7-[(1R*,2S*,3S*,5R*)-2-[[[(2R*)-3-(m-Chlorophenoxy)-2-hydroxypropyl]thio]-3,5-dihydroxy-cyclopentyl]-5-heptenoic acid.
prostianol;EMD-34946; Pronilin; Prosolvin; Reprodin.

Analog of prostaglandin F_{2α} used in veterinary medicine for induction of luteolysis. Synthetic prostaglandin; luteolytic (veterinary).

9167 Meteneprost

61263-35-2

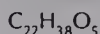


(Z)-7-[(1R,2R,3R)-3-Hydroxy-2-[(E)-(3R)-3-hydroxy-4,4-dimethyl-1-octenyl]-5-methylenecyclopentyl]-5-heptenoic acid.

Prostaglandin. Oxytocic. *Pharmacia & Upjohn, Inc.*

9168 Misoprostol

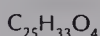
59122-46-2 6297



(±)-Methyl (1R,2R,3R)-3-hydroxy-2-[(E)-(4R)-4-hydroxy-4-methyl-1-octenyl]-5-oxocyclopentaneheptanoate.
Cytotec; SC-29333. Prostaglandin. Antiulcerative. Soluble in H₂O; LD₅₀ (rat ip) = 40-62 mg/kg, (rat orl) = 81-100 mg/kg, (mus ip) = 70-160 mg/kg, (mus orl) = 27-138 mg/kg. *Searle, G.D., & Co.*

9169 Naxaprostene

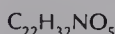
87269-59-8



α-[(2E,3aS,4R,6aS)-4-[(1E,3S)-3-Cyclohexyl-3-hydroxypropenyl]hexahydr-5-hydroxy-2(1H)-pentalenylidene]-m-toluic acid.
Prostacyclin analog with antithrombotic and antihypertensive activities. Prostaglandin.

9170 Nileprost

71097-83-1

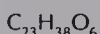


(E)-(3aR,4R,5R,6aS)-8-Cyano-3,3a,4,5,6,6a-hexahydro-5-hydroxy-4-[(E)-(3S,4RS)-3-hydroxy-4-methyl-1-octenyl]-2H-cyclopenta[b]furan-Δ^{2,6}-valeric acid.

A 5-cyano-16-methyl-prostacyclin. Prostaglandin antagonist.

9171 Ornoprostil

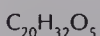
70667-26-4 7003



Methyl (-)-(1R,2R,3R)-3-hydroxy-2-[(e)-(3S,5S)-3-hydroxy-5-methyl-1-nonenyl]-ε,5dioxocyclopentaneheptenoate.
ronoprost; ONO-1308; OU-1308; Alloca; Ronok. Prostaglandin. Antiulcerative. *Ono Pharmaceutical Co., Ltd.*

9172 Prostacyclin

35121-78-9 8061

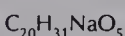


(Z)-(3aR,4R,5R,6aS)-Hexahydro-5-hydroxy-4-[(E)-(3S)-3-hydroxy-1-octenyl]-2H-cyclopenta[b]furan-Δ^{2,8}-valeric acid.

Epoprostenol; PGI₂; Prostaglandin X; PGX; U-53217. Prostaglandin. Platelet aggregation inhibitor. Soluble, unstable in H₂O; loses antiaggregation activity within 30 seconds at 100° or 10 minutes at 37°. *Pharmacia & Upjohn, Inc.*

9173 Prostacyclin Sodium Salt

61849-14-7 8061 263-273-7

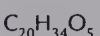


Sodium (Z)-(3aR,4R,5R,6aS)-hexahydro-5-hydroxy-4-[(E)-(3S)-3-hydroxy-1-octenyl]-2H-cyclopenta[b]furan-Δ^{2,8}-valerate.

Flolan. Prostaglandin. Platelet aggregation inhibitor. Stable for 2 hours at -30° if kept dry. *Glaxo Wellcome Inc.*

9174 Prostaglandin E₁

745-65-3 8063 212-017-2



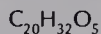
(1R,2R,3R)-3-Hydroxy-2-[(E)-(3S)-3-hydroxy-1-octenyl]-5-oxocyclopentaneheptanoic acid.

Alprostadil; Caverject; Prostin VR Pediatric; PGE₂; Palux;

Prostandin; Liple; Minprog; Prostivas. Prostaglandin. Peripheral vasodilator. mp = 115-116°; $[\alpha]_{578} = -61.6^\circ$ (c = 0.56 THF). *Pharmacia & Upjohn, Inc.*

9175 Prostaglandin E₂

363-24-6 8064 206-656-6

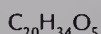


(E,Z)-(1R,2R,3R)-7-[3-Hydroxy-2-[(3S)-(3-hydroxy-1-octenyl)]-5-oxocyclopentyl]-5-heptenoic acid.

Prepidil; U-12062; Cerviprost; Minprostin E₂; Propess; Prostarmon E. Prostaglandin. Abortifacient and oxytocic. mp = 66-68°; $[\alpha]_D^{26} = -61^\circ$ (c = 1 THF). *Pharmacia & Upjohn, Inc.*

9176 Prostaglandin F_{2α}

551-11-1 8065

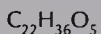


(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-[(3S)-(3-hydroxy-1-octenyl)]cyclopentyl]-5-heptenoic acid.

Dinoprostone; Prostaglandin F_{2α}; U-14583. Prostaglandin. Abortifacient and oxytocic. mp = 25-35°; $[\alpha]_D^{25} = 23.5^\circ$ (c = 1 THF); freely soluble in MeOH, EtOH, EtOAc, CHCl₃; slightly soluble in H₂O; LD₅₀ (rbt iv, im) = 2.5-5.0 mg/kg; [tromethamine salt (C₂₄H₄₅NO₈)]: mp = 100-101°, soluble in H₂O (> 200 mg/ml). *Pharmacia & Upjohn, Inc.*

9177 Prostalene

54120-61-5 8066 258-984-4

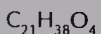


(±)-Methyl 7-[(1R*,2R*,3R*,5S*)-3,5-dihydroxy-2-[(E)-3-hydroxy-3-methyl-1-octenyl]cyclopentyl]-4,5-heptadienoate.

Synchrocept; RS-9390. Prostaglandin. Luteolytic. *Syntex International, Ltd.*

9178 Rioprostil

77287-05-9 8395

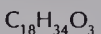


(2R,3R,4R)-4-Hydroxy-2-[(7-hydroxyheptyl)-3-[(E)-(4RS)-(4-hydroxy-4-methyl-1-octenyl)]cyclopentanone.

TR-4698; ORF-15927; RWJ-15927; Bay o 6893; Rostil. Prostaglandin. Gastric anti-secretory. $[\alpha]_D = -58.6^\circ$ (c = 1 CHCl₃). *Bayer Corp., Pharmaceutical Div.*

9179 Rosaprostol

56695-65-9 8419 260-341-8

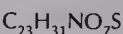


(1RS,2SR,5RS)-2-Hexyl-5-hydrocyclopentaneheptanoic acid.

C-83; IBI-C83; Rosal. Prostaglandin. Antiulcerative. Oil; [sodium salt (C₁₈H₃₃NO₃)]: LD₅₀ (mus orl) = 3000 mg/kg, (rat orl) > 5000 mg/kg. *Ist. Biochim.*

9180 Sulprostone

60325-46-4 9165 262-173-0

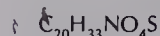


(Z)-7-[(1R,2R,3R)-3-Hydroxy-2-[(E)-(3R)-3-hydroxy-4-phenoxy-1-butenyl]]-5-oxocyclopentyl]-N-(methylsulfonyl)-5-heptenamide.

ZK-56671; CP-34089; SHB-286; Nalador. Prostaglandin. Abortifacient. Colorless oil. *Pfizer International; Schering AG.*

9181 Tilsuprost

80225-28-1



Methyl (±)-4-[[[(3aR*,4R*,5R*,6aS*)-3,3a,4,5,6,6a-hexahydro-5-hydroxy-4-[(E)-(3S*)-3-hydroxy-1-octenyl]cyclopenta[b]pyrrol-2-yl]thio]butyrate. Prostacyclin analog.

9182 Trimoprostil

69900-72-7 9853



(Z)-7-[(1R,2R,3R)-2-[(E)-(3R)-3-Hydroxy-4,4-dimethyl-1-octenyl]-3-methyl-5-oxocyclopentyl]-5-heptenoic acid.

Ro-21-6937/000; TM-PGE₂; Ulstar. Prostaglandin.

Antiulcerative. $[\alpha]_D = -51.54^\circ$ (c = 1 CHCl₃); LD₅₀ (mus orl) = 41 mg/kg, (mus ip) = 70 mg/kg, (mus sc) = 68 mg/kg, (rat orl) = 23 mg/kg, (rat ip) = 21 mg/kg, (rat sc) = 29 mg/kg. *Hoffmann-LaRoche Inc.*

9183 Unoprostone

120373-36-6 9984



(+)-(Z)-7-[(1R,2R,3R,5S)-3,5-Dihydroxy-2-(3-oxodecyl)cyclopentyl]-5-heptenoic acid.

Prostaglandin. Antiglaucoma agent; used in treatment of intraocular hypertension. *Ueno.*

9184 Unoprostone Isopropyl Ester

120373-24-2 9984



Isopropyl (+)-(Z)-7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-(3-oxodecyl)cyclopentyl]-5-heptenoate.

UF-021; Rescula. Prostaglandin. Antiglaucoma agent; used in treatment of intraocular hypertension. *Ueno.*

Pulmonary Surfactants

9185 Beractant

108778-82-1 1189 200-567-6

A modified bovine lung solvent extract.

Survanta; A-60386-X; Surfactant TA; A-60386X; Surfacten. Pulmonary surfactant. Contains primarily phospholipids, modified by the addition of dipalmitoylphosphatidylcholine, palmitic acid and tripalmitin. *Ross Products.*

9186 Colfosceril Palmitate

63-89-8 2540



Choline hydroxide dihydrogen phosphate inner salt ester with L-1,2-dipalmitin.

129Y83; component of: Exosurf. Pulmonary surfactant. Also used as a diagnostic aid in connection with fetal lung maturity. mp = 234-235°; $[\alpha]_{23}^{23} = 6.6^\circ$ (c = 4.2 in 1:1 CHCl₃/MeOH); readily soluble in CHCl₃, hot dioxane, hot diisobutyl ketone; soluble in EtOH (1.5 g/100 ml), Et₂O (0.02 g/100 ml), Me₂CO (0.02 g/100 ml), C₅H₅N (1.1 g/100 ml), AcOH (4.0 g/100 ml), MeOH (1.4 g/100 ml). *Glaxo Wellcome Inc.*

9187 Exosurf®

99732-49-7 3960

(R)-4-Hydroxy-N,N,N-trimethyl-10-oxo-7-[(1-oxohexadecyl)oxy]-3,5,9-trioxa-4-phosphapentacosn-1-

aminium hydroxide inner salt, 4-oxide mixture with formaldehyde polymer with oxirane and 4-(1,1,3,3)-tetramethylbutylphenol and 1-hexadecanol.

Surfexo. Pulmonary surfactant. A combination of colfosceril palmitate and tyloxapol. *Glaxo Wellcome Inc.*

9188 Infasurf 5002

A $\text{CHCl}_3/\text{MeOH}$ extract of calf lung lavage fluid.

CLSE; CLL. Pulmonary surfactant. Also used in the treatment of respiratory distress syndrome. Consists of 35 mg/ml phospholipid, 55-70% of which is dipalmitoylphosphatidylcholine. Also contains low molecular weight surfactant proteins, fatty acids and neutral lipids.

9189 Neltexine 99453-84-6

$\text{C}_{18}\text{H}_{20}\text{Br}_2\text{N}_2\text{O}_2\text{S}$

4',6'-Dibromo- α -[(trans-4-hydroxycyclohexyl)amino]-2-thiophene-carboxy-o-toluidide.

A compound with surfactant production activity which may be useful in pulmonary emphysema.

9190 Poractant Alfa 129069-19-8 7754

An extract of porcine lung.

PLS; Curosurf. Pulmonary surfactant. Also used in the treatment of respiratory distress syndrome. Containing > 90% lipids, about 1% of the hydrophobic proteins SP-B and SP-C. Contains 9.9% sphingomyelin, which distinguishes it from other pulmonary surfactants.

9191 Pumactant 8126

A mixture of 1,2-dipalmitoyl-sn-glycero(3)phosphocholine (70%) and 2-oleoyl-1-palmitoyl-sn-glycero(3)phospho(1)-sn-glycerol.

ALEC; artificial lung expanding compound. Pulmonary surfactant. Crystalline powder.

9192 Tyloxapol 25301-02-4 9964

p-(1,1,3,3-Tetramethylbutyl)phenol polymer with ethylene oxide and formaldehyde.

Superinone; component of: Alevaire, Enuclene, Exosurf. Detergent, used in pulmonary surfactants. *Alcon Labs.; Glaxo Wellcome Inc.; Sterling Winthrop, Inc.*

Replenishers

9193 Betasine 3734-24-5 1228

$\text{C}_9\text{H}_9\text{I}_2\text{NO}_3$

β -Amino-4-hydroxy-3,5-diiodobenzenepropanoic acid. betasinum; betazine. Iodine replenisher. mp = 178-179° (dec); sparingly soluble in H_2O , insoluble in organic solvents; [ammonium salt]: mp = 151-152°; slightly soluble in cold H_2O .

9194 Calcium Carbonate 471-34-1 1697 207-439-9

CaCO_3

Carbonic acid calcium salt (1:1).

Cal-Sup; Children's Mylanta Upset Stomach Relief;

Chooz; Mylanta Soothing Lozenges; Calcit; Calcichew; Calcidia; Citrical; component of: Bufferin Arthritis Strength, Bufferin Extra Strength, Bufferin Regular, Calcitrel, Camalox, Di-Gel Tablets, Mylanta Gelcaps, Mylanta Tablets, Titalac, Tylenol Headache Plus. Calcium replenisher and antacid. mp = 825°, 1339° (102.5 atm); $d_{25.2} = 2.711$; insoluble in H_2O . *3M Pharmaceuticals; Johnson & Johnson-Merck Consumer Pharmaceuticals; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Schering-Plough HealthCare Products; Sterling Winthrop, Inc.; Bristol-Myers Products; McNeil Consumer Products Co.*

9195 Calcium Chloride

10043-52-4 1699 233-140-8

CaCl_2

Hydrochloric acid calcium salt (2:1).

CalPlus; Intergravin-orales. Calcium replenisher. mp = 772°; bp > 1600°; $d_4^{15} = 2.152$; freely soluble in H_2O (exothermic), EtOH; LD₅₀ (mus iv) = 42.2 mg/kg. *Astra Chemicals Ltd.; Mallinckrodt, Inc.*

9196 Calcium Glubionate

12569-38-9

$\text{C}_{18}\text{H}_{32}\text{CaO}_{19}\cdot\text{H}_2\text{O}$

(D-Gluconato)(lactobionato)calcium monohydrate.

Neo-Calglucon. Calcium replenisher. *Sandoz Pharmaceuticals Corp.*

9197 Calcium Gluceptate

29039-00-7 4463 249-383-8

$\text{C}_{14}\text{H}_{26}\text{CaO}_{16}$

Calcium glucoheptonate (1:2).

Calcium replenisher. *Pfanstiehl Labs.*

9198 Calcium Gluconate

299-28-5 1712 206-075-8

$\text{C}_{12}\text{H}_{22}\text{CaO}_{14}$

D-Gluconic acid calcium salt (2:1).

Calciofon; Calglucon; Ebucin; Glucal; Glucobiogen. Calcium replenisher. $[\alpha]_D^{20} = 6^\circ$; soluble in H_2O (3.3 g/100 ml at 20°, 20 g/100 ml at 100°), insoluble in organic solvents. *Astra Chemicals Ltd.; Mission Pharmacal Co.; Parke-Davis; Sandoz Pharmaceuticals Corp.*

9199 Calcium Glycerophosphate

27214-00-2 1713 248-328-5

$\text{C}_3\text{H}_7\text{CaO}_6\text{P}$

1,2,3-Propanetriol mono(dihydrogen phosphate) calcium salt (1:1).

Neurosin. Calcium replenisher. Dec > 170°; soluble in H_2O (2 g/100 ml), almost insoluble in EtOH, boiling H_2O .

9200 Calcium Hypophosphite

7789-79-9 1718 232-190-8

$\text{CaH}_4\text{O}_4\text{P}_2$

Calcium replenisher. Soluble in H_2O , slightly soluble in glycerol, insoluble in EtOH.

9201 Calcium Iodostearate

1301-16-2 1722

$\text{C}_{36}\text{H}_{68}\text{CaI}_2\text{O}_4$

2-Iodo-octadecanoic acid calcium salt (2:1).

stearodine. Iodine source. Insoluble in H_2O , EtOH;

soluble in C_6H_6 , $CHCl_3$, Et_2O .

9202 Calcium Lactate

814-80-2 1723 212-406-7

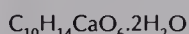


2-Hydroxypropanoic acid calcium salt (2:1).

Prequist Powder; component of: Calcet. Calcium replenisher. Soluble in H_2O , insoluble in $EtOH$. *Mission Pharmacal Co.; Parke-Davis*.

9203 Calcium Levulinate

591-64-0 1724 209-725-9



4-Oxopentanoic acid calcium salt (2:1).

Calcium replenisher. mp = 125° ; very soluble in H_2O .

9204 Calcium Phosphate, Dibasic

7757-93-9 1739 231-826-1

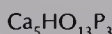


Calcium phosphate (1:1).

CalStar; D.C.P. Calcium replenisher. d = 2.31; insoluble in H_2O , $EtOH$; soluble in dilute HCl , HNO_3 ; slightly soluble in dilute $AcOH$. *FMC Corp, Pharmaceutical Div.; Parke-Davis*.

9205 Calcium Phosphate, Tribasic

7758-87-4 1741 231-840-8

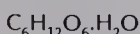


Calcium hydroxide phosphate.

Hydroxyapatite; Hydroxylapatite. Calcium replenisher. d = 3.14; mp = 1670° ; insoluble in H_2O , $EtOH$, $AcOH$; soluble in dilute HCl , HNO_3 .

9206 Dextrose

77029-61-9 4467

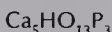


D-Glucose monohydrate.

Cartose; D-glucopyranose. Fluid and nutrient replenisher. [α -form, anhydrous]: mp = 146° ; [α]_D = $112.2^\circ \rightarrow 52.7^\circ$ (c = 10, H_2O); soluble in H_2O (90.9 g/100 ml at 25° , 125 g/100 ml at 30° , 243.9 g/100 ml at 50° , 357.1 g/100 ml at 70° , 555.5 g/100 ml at 90°), $MeOH$ (0.83 g/100 ml at 20°); sparingly soluble in $EtOH$, Et_2O , Me_2CO ; soluble in $AcOH$, C_5H_5N ; LD₅₀ (rbt iv) = 35000 mg/kg. *Astra Chemicals Ltd.; Bristol-Myers Squibb Co.; Kendall McGaw Inc.; Pfanstiehl Labs.; Sterling Winthrop, Inc.*

9207 Durapatite

1306-06-5 3519 215-145-7



Hydroxyapatite.

Alveograf; Periograf; Win-40350; Ossopan. Calcium replenisher. Dec $>100^\circ$; insoluble in H_2O . *Sterling Winthrop, Inc.*

9208 Levocarnitine

541-15-1 1898 208-768-0



(L-3-Carboxy-2-hydroxypropyl)trimethylammonium hydroxide inner salt.

Carnitor; Cardiogen; Carnitiene; Carnicor; Carnitor; Carnum; Carrier; Miocor; Miotonal; Vitacarn. Carnitine replenisher. Dec 197-198°; [α]_D³⁰ = -23.9° (c = 0.86 H_2O);

soluble in H_2O , hot $EtOH$; insoluble in Me_2CO , Et_2O , C_6H_6 . *Sigma-Tau Pharmaceuticals, Inc.*

9209 Magnesium Chloride

7786-30-3 5698 232-094-6

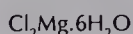


Hydrochloric acid magnesium salt (2:1).

Magnogene. Electrolyte replenisher. mp = 712° ; d = 2.41, 2.325; soluble in H_2O (exothermic).

9210 Magnesium Chloride Hexahydrate

7791-18-6 5698



Hydrochloric acid Magnesium salt (2:1) hexahydrate.

Electrolyte replenisher. Dec 118° ; d = 1.56; soluble in H_2O 166.6 g/100 ml at 20° , 333.2 g/100 ml at 100°), $EtOH$ (50 g/100 ml); LD₅₀ (rat orl) = 8100 mg/kg.

9211 Magnesium Gluconate

3632-91-5 4464 222-848-2

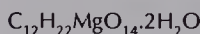


Gluconic acid magnesium salt (2:1).

Magnesium replenisher. *Forest Pharmaceuticals Inc.*

9212 Magnesium Gluconate Dihydrate

59625-89-7 4464



Gluconic acid magnesium salt (2:1) dihydrate.

Almora; Ultra-Mg. Magnesium replenisher. *Forest Pharmaceuticals Inc.*

9213 Magnesium Sulfate

7487-88-9 5731 231-298-2

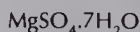


Sulfuric acid magnesium salt (1:1).

Magnesium replenisher. Also anticonvulsant and laxative. *Astra USA, Inc.; Kendall McGaw Inc.*

9214 Magnesium Sulfate Heptahydrate

10034-99-8 5731



Sulfuric acid magnesium salt (1:1) heptahydrate.

bitter salts; Epsom salts. Magnesium replenisher. Also anticonvulsant and laxative. d = 1.67; soluble in H_2O (71 g/100 ml at 20° , 91 g/100 ml at 40°), slightly soluble in $EtOH$. *Astra USA, Inc.; Kendall McGaw Inc.*

9215 Manganese Chloride

13446-34-9 5768

Manganese chloride tetrahydrate.

Supplement (trace mineral). [anhydrous]: LD₅₀ (mus sc) = 180-250 mg/kg, (dog iv) = 201.6 mg/kg.

9216 Manganese Sulfate

10034-96-5 5783



Manganese sulfate (1:1) monohydrate.

Supplement (trace mineral).

9217 Methenamine Tetraiodide

12001-65-9 6043



Hexamethylenetetramine tetraiodide.

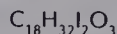
Siomine; Iodoformine; Mirion. Iodine replenisher. Dec

138°; insoluble in H₂O; slightly soluble in EtOH, Et₂O, CHCl₃; CS₂; soluble in Me₂CO.

9218 Periodyl

53586-99-5

7313



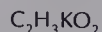
12-Hydroxy-9,10-diiodo-9-octadecenoic acid. diiodoricinostearic acid; ricinostearic acid diiodide; Diiodyl; Joristen. Iodine replenisher. mp = 62°; insoluble in H₂O, acids, soluble in alkalies, EtOH, Et₂O, CHCl₃; slightly soluble in C₆H₆. *Riedel de Haen*.

9219 Potassium Acetate

127-08-2

7764

204-822-2



Acetic acid potassium salt (1:1). Electrolyte replenisher. $d^{25} = 1.57$; mp = 292°; soluble in H₂O (200 g/100 ml at 20°, 500 g/100 ml at 100°), EtOH (34.5 g/100 ml); LD₅₀ (rat orl) = 3250 mg/kg.

9220 Potassium Bicarbonate

298-14-6

7770

206-059-0



Carbonic acid monopotassium salt. Kafylox; K-Lyte; component of: K-Lyte, K-Lyte/Cl, K-Lyte DS. Electrolyte replenisher. Soluble in H₂O (35.7 g/100 ml at 20°, 50 g/100 ml at 50°), insoluble in EtOH. *Bristol Labs*.

9221 Potassium Chloride

7447-04-7

7783

231-211-8

ClK

Hydrochloric acid potassium salt (1:1). Emplets Potassium Chloride; Kaochlor; Kaon-Cl; Kaon-Cl 10; Kato; Kay-Ciel; K-Dur; K-Lease; K-Lor; Klorvess; Klotrix; K-Norm; K-Tab; Micro-K; Slow-K; Ten-K; Refawan; Repone-K; Lento-Kalium; Nu-K; Peter-Kal; PfiKlor; Span-K; component of: Colyte, Infalyte, K-Lyte/Cl, Kolyum, K-Predne-Dom. Electrolyte replenisher. $d = 1.98$; mp = 773°; soluble in H₂O (35.7 g/100 ml at 20°, 55.5 g/100 ml at 100°), glycerol (7.1 g/100 ml), EtOH (0.4 g/100 ml). *Abbott Labs.*; *Apothecon*; *Robins, A.H. Co.*; *Bayer Corp.*; *Bristol Labs.*; *Ciba-Geigy Corp.*; *Fisons plc, Pharmaceuticals Div.*; *Forest Pharmaceuticals Inc.*; *ICN Pharmaceuticals, Inc.*; *Key Pharmaceuticals*; *Kendall McGaw Inc.*; *Parke-Davis*; *Sandoz Pharmaceuticals Corp.*; *Savage Labs.*; *Schwarz Pharma Kremers Urban Co.*

9222 Potassium Gluconate

299-27-4

7796

206-074-2



D-Gluconic acid monopotassium salt. Kaon; Gluconsan K; Kalimozan; Katrin; Potasoral; Potassuril; K-IAO; Tumul-K; component of: Kolyum, Twin-K. Electrolyte replenisher. Dec 180°; freely soluble in H₂O; insoluble in EtOH, Et₂O, C₆H₆, CHCl₃. *Fisons Corp.*; *Knoll Pharmaceutical Co.*; *Savage Labs*.

9223 Potassium Iodide

7681-11-0

7809

231-659-4

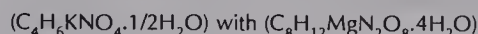
IK

Hydriodic acid potassium salt. Thyro-Block; Jodid; Thyrojod; component of: Mudrane Tablets, Mudrane-2 Tablets, Quadrinal. Electrolyte replenisher. $d = 3.12$; mp = 680°; soluble in H₂O (142.8

g/100 ml at 20°, 200 g/100 ml at 100°), EtOH (4.5 g/100 ml at 20°, 12.5 g/100 ml at 76°), absolute EtOH (1.96 g/100 ml), MeOH (12.5 g/100 ml), Me₂CO (1.3 g/100 ml), glycerol (50 g/100 ml), ethylene glycol (40 g/100 ml); LD₅₀ (rat iv) = 285 mg/kg. *ECR Pharmaceuticals*; *Knoll Pharmaceutical Co.*

9224 Potassium/Magnesium Aspartate

14842-81-0



A mixture of potassium aspartate and magnesium aspartate. Wy-2837; Wy-2838. Nutrient. *Wyeth Labs*.

9225 Pronium Iodide

123-47-7

7965

204-630-9



(2-Hydroxytrimethylene)bis(trimethylammonium iodide). Entodon; Endojodin. Iodine replenisher. Dec 275°; freely soluble in H₂O; soluble in EtOH; insoluble in Et₂O, Me₂CO. *Sterling Winthrop, Inc.*

9226 Protein Hydrolysates

8071

Sterile solution of amino acids and short peptides from hydrolysis of proteins.

Amigen; Aminokrovin; Aminosol; Bioplex; Dekamin; Parenamine; Parnetamin; Protigényl; Travamin. Fluid and nutrient replenisher.

9227 Rubidium Iodide

7790-29-6

8443

232-198-1

IRb

Hydriodic acid rubidium salt. Iodine source. $d = 3.55$; mp = 642°, bp = 1300°; soluble in H₂O (151.5 g/100 ml), EtOH.

9228 Sodium Chloride

7647-14-5

8742

231-598-3

ClNa

Hydrochloric acid sodium salt. Ringer's Injection; Adsorbanac; Ayr; Salt; Common Salt; component of: Arm-A-Vial, Colyte. Electrolyte replenisher. $d = 2.17$; mp = 804°; soluble in H₂O (35.7 g/100 ml at 20°, 38.5 g/100 ml at 100°), glycerol (10 g/100 ml), slightly soluble in EtOH; LD₅₀ (rat orl) = 3750 ± 430 mg/kg. *Alcon Labs.*; *Elkins-Sinn*; *Schwarz Pharma Kremers Urban Co.*; *Wyeth-Ayerst Labs.*; *Ascher, B.F. & Co.*

9229 Sodium Gluconate

527-07-1

8766

208-407-7



D-Gluconic acid monosodium salt. gluconic acid sodium salt. Electrolyte replenisher. Soluble in H₂O (59 g/100 ml at 25°), sparingly soluble in EtOH, insoluble in Et₂O. *Pfanstiehl Labs*.

9230 Sodium Glycerophosphate

55073-41-1



1,2,3-Propanetriol mono(dihydrogen phosphate) disodium salt. Tonic.

9231 Sodium Iodide

7681-82-5 8777 231-679-3
 INa
 Hydriodic acid sodium salt.
 Iodine replenisher. $d = 3.67$; $mp = 561^\circ$; soluble in H_2O (200 g/100 ml), EtOH (50 g/100 ml), glycerol (100 g/100 ml); MLD (rat iv) = 1300 mg/kg.

9232 Sodium Lactate

72-17-3 8781 200-772-0
 $\text{C}_3\text{H}_5\text{NaO}_3$
 2-Hydroxypropanoic acid monosodium salt.
 Lacinol. Electrolyte replenisher. Miscible with H_2O , EtOH. Kendall McGaw Inc.; Pfanstiehl Labs.

9233 Strontium Iodide

10476-86-5 9005 233-972-1
 I_2Sr
 Hydriodic acid strontium salt (2:1).
 Iodine replenisher. $mp = 402^\circ$; $d = 4.42$; soluble in H_2O (500 g/100 ml), EtOH; LD_{50} (rat ip) = 800 mg/kg.

9234 Zinc Sulfate

7733-02-0 10293 231-793-3
 ZnSO_4
 Sulfuric acid zinc salt (1:1).
 Verazinc; white vitriol; zinc vitriol; Kreatol; Optraex; Solvezinc; Solvazinc; Zincaps; Zincate; Zincomed; Z-Span; component of: VasoClear A, Zincfrin. Electrolyte replenisher. Zinc supplement. Soluble in H_2O , insoluble in EtOH. Alcon Labs.; Ciba Vision Ophthalmics; Forest Pharmaceuticals Inc.

9235 Zinc Sulfate Heptahydrate

7446-20-0 10293
 $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$
 Sulfuric acid zinc salt (1:1) heptahydrate.
 Op-Thal-Zin; Redeema. Electrolyte replenisher. Zinc supplement. $d = 1.97$; $mp = 100^\circ$; soluble in H_2O (166.6 g/100 ml), glycerol (40 g/100 ml); insoluble in EtOH. Alcon Labs.; Ciba Vision Ophthalmics; Forest Pharmaceuticals Inc.

Respiratory Stimulants

9236 Almitrine

27469-53-0 309 248-475-5
 $\text{C}_{26}\text{H}_{29}\text{F}_2\text{N}_7$
 2,4-Bis(allylamino)-6-[4-[bis(p-fluorophenyl)methyl]-1-piperazinyl]-s-triazine.
 S-2620. Respiratory stimulant. $mp = 181^\circ$. Sci. Union et Cie, France.

9237 Almitrine Dimethanesulfonate

29608-49-9 309 249-726-1
 $\text{C}_{28}\text{H}_{37}\text{F}_2\text{N}_7\text{O}_6\text{S}_2$
 2,4-Bis(allylamino)-6-[4-[bis(p-fluorophenyl)methyl]-1-piperazinyl]-s-triazine dimethanesulfonate.
 Vectarion. Respiratory stimulant. $mp = 243^\circ$ (dec); λ_m 227, 246 nm (log ϵ 4.52, 4.53 EtOH); LD_{50} (mus iv) = 210 mg/kg, (mus ip) = 390 mg/kg, (mus orl) > 2000 mg/kg. Sci. Union et Cie, France.

9238 Bemegride

64-65-3 1054 200-588-0
 $\text{C}_8\text{H}_{13}\text{NO}_2$
 3-Ethyl-3-methylglutarimide.
 Megimide; NP-13; Mikedimide; Eukraton; Malysol. Respiratory stimulant. CNS Stimulant, used as an antidote for barbiturate poisoning. $mp = 127^\circ$; soluble in H_2O , Me_2CO ; LD_{50} (mus iv) = 18.8 mg/kg, (rat iv) = 17.0 mg/kg.

9239 Carbon Dioxide

124-38-9 1857 204-696-9
 CO_2
 Carbonic anhydride.
 Respiratory stimulant. d (gas) = 1.976 g/l at 0° ; soluble in H_2O (171 ml gas/100 ml at 0° , 88 ml/100 ml at 20° , 36 ml/100 ml at 60°).

9240 Cropropamide

633-47-6 2659 211-193-8
 $\text{C}_{13}\text{H}_{24}\text{N}_2\text{O}_2$
 N-[1-(Dimethylcarbonylpropyl)-N-propylcrotonamide].
 Analgesic. $bp_{0.25} = 128-130^\circ$; soluble in H_2O , Et_2O . Ciba-Geigy Corp.

9241 Crotethamide

6168-76-9 2662 228-208-9
 $\text{C}_{12}\text{H}_{24}\text{N}_2\text{O}_2$
 N-[1-(Dimethylcarbonylpropyl)-N-ethylcrotonamide].
 crotethamid. Analgesic. $bp_{0.03} = 132-134^\circ$; soluble in H_2O , Et_2O . Ciba-Geigy Corp.

9242 Cropropamide combined with Crotethamide

8015-51-8 2662
 $\text{C}_{25}\text{H}_{46}\text{N}_4\text{O}_4$
 N-[1-(Dimethylcarbonylpropyl)-N-propylcrotonamide mixture with N-[1-(dimethylcarbonylpropyl)-N-ethylcrotonamide].
 prethcamide; Micoren; Respirot. Respiratory stimulant. Ciba-Geigy Corp.

9243 Dimeflin

1165-48-6 3249 214-616-4
 $\text{C}_{20}\text{H}_{21}\text{NO}_3$
 8-[(Dimethylamino)methyl]-7-methoxy-3-methylflavone.
 Respiratory stimulant. Wallace Labs.; Recordati Industria Chimica.

9244 Dimeflin Hydrochloride

2740-04-7 3249 220-366-7
 $\text{C}_{20}\text{H}_{22}\text{ClNO}_3$
 8-[(Dimethylamino)methyl]-7-methoxy-3-methylflavone hydrochloride.
 Remeflin; DW-62; Rec-7/0267; NSC-114650. Respiratory stimulant. Dec 213-214°. Wallace Labs.; Recordati Industria Chimica.

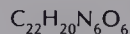
9245 Dimorpholamine

119-48-2 3317 204-328-7
 $\text{C}_{20}\text{H}_{38}\text{N}_4\text{O}_4$
 N,N'-1,2-Ethanediyldis[n-butyl-4-morpholinecarboxamide].
 TH-1064; Amipan T; Théraleptique; Theraptique.
 Respiratory stimulant. $mp = 41-42^\circ$; $bp_{0.4} = 229^\circ$; soluble

in H₂O (50 g/100 ml); LD₅₀ (mus iv) = 54 mg/kg, (mus ip) = 80 mg/kg, (mus sc) = 104 mg/kg, (mus orl) = 380 mg/kg. *ICI*.

9246 Diniprophylline

17692-30-7



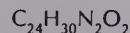
7-(2,3-Dihydroxypropyl)theophylline bis(nicotinate ester).
Respiratory stimulant.

9247 Doxapram

309-29-5

3488

206-216-3



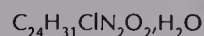
1-Ethyl-4-(2-morpholinoethyl)-3,3-diphenyl-2-pyrrolidinone.

Respiratory stimulant. *Robins, A.H. Co.*

9248 Doxapram Hydrochloride Monohydrate

7081-53-0

3488



1-Ethyl-4-(2-morpholinoethyl)-3,3-diphenyl-2-pyrrolidinone monohydrochloride monohydrate.

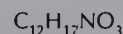
Dopram; AHR-619; Doxapril; Stimulexin. Respiratory stimulant. mp = 217-219°; soluble in H₂O; slightly soluble in EtOH, CHCl₃; LD₅₀ (rat orl) = 261 mg/kg. *Robins, A.H. Co.*

9249 Ethamivan

304-84-7

3765

206-157-3



N,N-Diethylvanillamide.

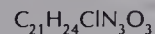
Vandid; NSC-406087; Cardiovanil; Emivan. Respiratory stimulant. mp = 95-95.5°; LD₅₀ (rat ip) = 28 mg/kg. *3M Pharmaceuticals; Oesterreiche Stickstoffwerke.*

9250 Fominoben

18053-31-1

4258

241-964-4



3'-Chloro-α-

[methyl[(morpholinocarbonyl)methyl]amino]-o-benzotoluidide.

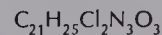
Respiratory stimulant. mp = 122.5-123°. *Thomae.*

9251 Fominoben Hydrochloride

24600-36-0

4258

246-344-7



3'-Chloro-α-

[methyl[(morpholinocarbonyl)methyl]amino]-o-benzotoluidide hydrochloride.

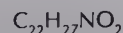
PB-89; Finaten; Noleptan; Oleptan; Terion; Tussirama. Respiratory stimulant. mp = 206-208° (dec); soluble in H₂O (0.0001 g/100 ml); LD₅₀ (mus ip) = 630 mg/kg, (mus orl) = 2200 mg/kg, (rat ip) = 1201 mg/kg, (rat orl) = 1250 mg/kg. *Thomae.*

9252 Lobeline

90-69-7

5580

202-012-3



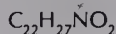
2-[6-(β-Hydroxyphenethyl)-1-methyl-2-piperidyl]acetophenone.

inflatine; α-lobeline. Respiratory stimulant. mp = 130-131°; [α]_D¹⁵ = -43° (EtOH); very slightly soluble in H₂O, petroleum ether; soluble in hot EtOH, CHCl₃, C₆H₆, Et₂O.

9253 (±)-Lobeline

134-65-6

5580



(±)-2-[6-(β-Hydroxyphenethyl)-1-methyl-2-piperidyl]acetophenone.

lobelidine. Respiratory stimulant. mp = 110°.

9254 Lobeline Hydrochloride

134-63-4

5580

205-150-2



2-[6-(β-Hydroxyphenethyl)-1-methyl-2-piperidyl]acetophenone hydrochloride.

Zoolobelin; Lobron. Respiratory stimulant. mp = 178-180°; [α]_D²⁰ = -43° (c = 2); λ_m 245 280 nm (log ε 4.08, 3.05 MeOH); soluble in H₂O (2.5 g/100 ml), EtOH (8.3 g/100 ml); very soluble in CHCl₃; slightly soluble in Et₂O.

9255 Lobeline Sulfate

134-64-5

5580

205-151-8



2-[6-(β-Hydroxyphenethyl)-1-methyl-2-piperidyl]acetophenone sulfate.

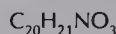
Bantron, Unilobin; Lobeton; Lobidan; Toban. Respiratory stimulant. [α]_D²⁰ = -25° (c = 2); soluble in H₂O (3.3 g/100 ml), slightly soluble in EtOH.

9256 Mepixanox

17854-59-0

5906

241-810-6



3-Methoxy-4-(piperidinomethyl)xanthen-9-one.

mepixanthone; Pimexone. Respiratory stimulant. mp = 159-160°; LD₅₀ (mus ip) = 70.73 mg/kg; [hydrochloride (C₂₀H₂₂ClNO₃)]: mp > 200° (dec). *Mondi.*

9257 Nikethamide

59-26-7

6635

200-418-5



N,N-Diethylnicotinamide.

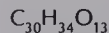
Coramine; Nikethyl; Anacardone; Astrocar; Carbamidal; Cardamine; Cardamid; Cardimon; Coracon; Coraktiv N; Cordiamin; Corediol; Cormed; Cormid; Corvitol; Corvotone; Dynacoryl; Eucoran; Inicardio; Niamine; Nicamide; Nicor; Nicorine; Nikardin; Pyricardyl; Salvacard; Stimulin; Ventramine. Respiratory stimulant. mp = 24-26°; bp = 296-300°, bp₁₀ = 158-159°, bp₃ = 128-129°, bp_{0.4} = 115°; miscible with H₂O, Et₂O, CHCl₃, Me₂CO, EtOH; LD₅₀ (rat ip) = 272 mg/kg. *Abbott Labs.; Ciba-Geigy Corp.*

9258 Picrotoxin

124-87-8

7570

204-716-6



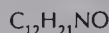
Equimolar mixture of picrotin and picrotoxinin.

Cocculin. Respiratory stimulant. mp = 209.5°; [α]_D¹⁷ = 4.4° (c = 4.28 absolute EtOH), 3.49° (c = 7.57 Me₂CO); soluble in EtOH, CHCl₃, other solvents if heated; LD₅₀ (mus ip) = 3 mg/kg.

9259 Pimeclone

534-84-9

7583



2-(Piperidinomethyl)cyclohexanone.

NA-66; Nu-582. Respiratory stimulant. bp₁₄ = 118-120°.

bp₆ = 124°.**9260 Pimeclone Hydrochloride**

6966-09-2 7583

C₁₂H₂₂ClNO

2-(Piperidinomethyl)cyclohexanone hydrochloride.

Karion; Spiractin. Respiratory stimulant. mp = 161-165°.

9261 Pyridofylline

53403-97-7 8159 258-521-6

C₁₇H₂₃N₅O₉S

Pyridoxol salt of 7-(2-hydroxyethyl)theophylline hydrogen sulfate ester.

Atherophylline. Respiratory stimulant. mp = 144-1467°;

LD₅₀ (mus iv) = 1000 mg/kg, (mus orl) = 1600 mg/kg.**9262 Sodium Succinate**

150-90-3 8828 205-778-7

C₄H₄Na₂O₄

Succinic acid sodium salt.

Soduxin. Respiratory stimulant. Soluble in H₂O (20 g/100 ml), insoluble in EtOH; LD₅₀ (mus iv) = 4500 mg/kg.**9263 Tacrine**

321-64-2 9199 206-291-2

C₁₃H₁₄N₂

9-Amino-1,2,3,4-tetrahydroacridine.

Respiratory stimulant. Nootropic and antidote to curare poisoning. mp = 183-184°. *Parke-Davis*.**9264 Tacrine Hydrochloride**

1684-40-8 9199 216-867-5

C₁₃H₁₅ClN₂

9-Amino-1,2,3,4-tetrahydroacridine hydrochloride.

Cognex; CI-970; THA. Respiratory stimulant. Nootropic and antidote to curare poisoning. mp = 283-284°; soluble in H₂O. *Parke-Davis*.

Sclerosing Agents

9265 Ethanolamine

141-43-5 3772 205-483-3

C₂H₇NO

2-Aminoethanol.

ethylolamine; colamine; β-hydroxyethylamine; 2-hydroxyethylamine; monoethanolamine; β-aminoethyl alcohol. Sclerosing agent. *I.G. Farben*.**9266 Ethanolamine Oleate**

2272-11-9 3772 218-878-0

C₂₀H₄₁NO₃

9-Octadienoic acid (Z) compound with 2-aminoethanol.

Ethanolin; Antivariz; Esclerosina. Sclerosing agent. *Glaxo Labs.; Schwarz Pharma Kremers Urban Co*.**9267 Ethylamine**

75-04-7 3808 200-834-7

C₂H₇N

Aminoethane.

ethanamine; monoethylamine. Sclerosing agent. d₁₅¹⁵ = 0.689; mp = -80°; bp = 16.6°; miscible with H₂O, EtOH,Et₂O; LD₅₀ (rat orl) = 400 mg/kg.**9268 Ethylamine Hydriodide**

506-58-1 3808

C₂H₈IN

Aminoethane hydriodide.

Sclerosing agent. mp = 188°; d = 2.10; freely soluble in H₂O, EtOH; insoluble in Et₂O, CHCl₃.**9269 Ethylamine Hydrochloride**

557-66-4 3808 209-182-8

C₂H₈ClN

Aminoethane hydrochloride.

Sclerosing agent. mp = 110°; d = 1.22; soluble in H₂O (250 g/100 ml); freely soluble in EtOH; slightly soluble in CHCl₃, Et₂O; insoluble in Et₂O.**9270 Ethylamine Oleate**

39664-27-2 3808

C₂₀H₄₁NO₂

Aminoethane 9-octadecenoate (Z).

Etalate. Sclerosing agent.

9271 2-Hexyldecanoic Acid

25354-97-6 4747 246-885-9

C₁₆H₃₂O₂Sclerosing agent. bp_{0.02} = 140-150°.**9272 2-Hexyldecanoic Acid Sodium Salt**

536-37-8 4747 208-629-4

C₁₆H₃₁NaO₂Devaricin. Sclerosing agent. Soluble in H₂O.**9273 Polidocanol**

9002-92-0 7717 500-002-6

Polyethylene glycol monododecyl ether (average n = 9). nonaethylene glycol monododecyl ether; Aetoxisclerol; Atlas G-4829; Hetoxol L-9; Lipal 9LA; Thesit. Sclerosing agent. Soluble in H₂O, EtOH, C₇H₈; LD₅₀ (mus orl) = 1170 mg/kg, (mus iv) = 125 mg/kg.**9274 Sodium Ricinoleate**

5323-95-5 8378 226-191-2

C₁₈H₃₃NaO₃

Sodium [R-(Z)]-12-hydroxy-9-octadecenoate.

Soricin; Colidosan. Sclerosing agent. Soluble in H₂O, EtOH.**9275 Sodium Tetradecyl Sulfate**

139-88-8 8838 205-380-3

C₁₄H₂₉NaSO₄

Sodium 7-ethyl-2-methyl-4-undecanol hydrogen sulfate.

Sotradecol; Tergitol 4; Trombavar; Trombovar. Wetting agent. Sclerosing agent. LD₅₀ (rat orl) = 4950 mg/kg.**9276 Tribenoside**

10310-32-4 9738 233-687-2

C₂₉H₃₄O₆

Ethyl 3,5,6-tri-O-benzyl-D-glucofuranoside.

21-401 Ba; Alven; Flebosan; Glyvenol; Hemocuron; Venex. Sclerosing agent. bp_{1.2} = 270-280°; [α]_D²⁶ = 8° (CHCl₃). *Bayer Corp., Pharmaceutical Div.*

Sedatives and Hypnotics

9277 Acecarbromal

77-66-7 18 201-047-1
 $C_9H_{15}BrN_2O_3$
 1-Acetyl-3-(α -bromo- α -ethylbutyryl)urea.
 Abasin; Carbased; Sedamyl; Acetyl Adalin.
 Sedative/hypnotic. mp = 109°; slightly soluble in H_2O ;
 freely soluble in EtOAc, EtOH. *3M Pharmaceuticals.*

9278 Acetal

105-57-7 36 203-310-6
 $C_6H_{14}O_2$
 1,1-Diethoxyethane.
 diethyl acetal; acetaldehyde diethyl acetal; ethylidene
 diethyl ether. Sedative/hypnotic. $d_4^{20} = 0.8254$; bp =
 102.7°, bp₂₀₀ = 66.3°, bp₆₀ = 39.8°, bp₄₀ = 31.9°, bp₂₀ =
 19.6°, bp₁₀ = 8.0°, bp₅ = -2.3°, bp₁ = -23.0°; soluble in
 H_2O (5 g/100 ml); soluble in EtOH, Et_2O , C_7H_{16} , EtOAc;
 LD₅₀ (rat orl) = 4570 mg/kg.

9279 Acetophenone

98-86-2 71 202-708-7
 C_8H_8O
 1-Phenylethanone.
 acetylbenzene; hypnone. Sedative/hypnotic. mp = 20.5°;
 bp = 202°; $d_4^{15} = 1.033$; slightly soluble in H_2O ; freely
 soluble in EtOH, $CHCl_3$, Et_2O , glycerol; LD₅₀ (rat orl) =
 900 mg/kg.

9280 Acevaltrate

25161-41-5 246-685-1
 $C_{24}H_{32}O_{10}$
 1,7a-Dihydro-1,6-dihydroxyspiro[cyclopenta[c]pyran-
 7(6H),2'-oxirane]-4-methanol-4-acetate 1(or 6)-
 isovalerate 6(or 1)-(3-hydroxy-3-methylbutyrate acetate).
 Sedative.

9281 Adinazolam

37115-32-5 159
 $C_{19}H_{18}ClN_5$
 8-Chloro-1-[(dimethylamino)methyl]-6-phenyl-4H-s-
 triazolo[4,3-a][1,4]benzodiazepine.
 U-41123. Antidepressant. Sedative/hypnotic. mp = 171-
 172.5°, 165-166°. *Pharmacia & Upjohn, Inc.*

9282 Adinazolam Monomethanesulfonate

57938-82-6 159
 $C_{20}H_{22}ClN_5O_3S$
 8-Chloro-1-[(dimethylamino)methyl]-6-phenyl-4H-s-
 triazolo[4,3-a][1,4]benzodiazepine
 monomethanesulfonate.
 U-41123F; adinazolam mesylate; Deracyn.
 Antidepressant. Sedative/hypnotic. mp = 230-244°.
Pharmacia & Upjohn, Inc.

9283 Aldol

107-89-1 225 203-530-2
 $C_4H_8O_2$
 3-Hydroxybutanal.
 acetaldo. Sedative/hypnotic. $d^{16} = 1.109$; bp₂₀ = 83°; dec
 85°; soluble in H_2O , EtOH, Et_2O ; LD₅₀ (rat orl) = 2180

mg/kg.

9284 Allobarbitol

52-43-7 261 200-140-4
 $C_{10}H_{12}N_2O_3$
 5,5-Di-2-propenyl-2,4,6(1H,3H,5H)-pyrimidinetrione.
 NSC-9324; allobarbitone; Malilum; Diadol; Dial.
 Sedative/hypnotic. mp = 171-173°; soluble in H_2O (0.33
 g/100 ml at 20°, 2 g/100 ml at 100°), EtOH (5 g/100 ml at
 20°), Et_2O (5 g/100 ml), Me_2CO , EtOAc; insoluble in
 hydrocarbons; LD₅₀ (rat ip) = 127.3 mg/kg.

9285 Alonimid

2897-83-8
 $C_{14}H_{13}NO_3$
 2,3-Dihydrospiro[naphthalene-1(4H),3'-piperidine]-
 2',4,6'-trione.
 Sedative/hypnotic. *Marion Merrell Dow Inc.*

9286 Alprazolam

28981-97-7 320 249-349-2
 $C_{17}H_{13}ClN_4$
 8-Chloro-1-methyl-6-phenyl-4H-s-triazolo[4,3-
 a][1,4]benzodiazepine.
 Xanax; U-31889; D-65MT; Alprax; Tafil; Tranquinal;
 Trankimazin; Xanor. Anxiolytic. Sedative/hypnotic. mp =
 228-228.5°; soluble in EtOH, insoluble in H_2O ; $\lambda_m = 222$
 nm (ϵ 40250 EtOH); LD₅₀ (mus orl) = 1020 mg/kg, (mus
 ip) = 540 mg/kg, (rat orl) > 2000 mg/kg, (rat ip) = 610
 mg/kg. *Pharmacia & Upjohn, Inc.*

9287 Ammonium Bromide

12124-97-9 531 235-183-8
 BrH_4N
 Ammonium bromide.
 Sedative/hypnotic. $d^{25} = 2.429$; freely soluble in H_2O ,
 EtOH, MeOH, Me_2CO ; slightly soluble in Et_2O ; insoluble
 in EtOAc.

9288 Ammonium Valerate

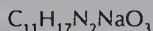
42739-38-8 604 255-923-3
 $C_5H_{13}NO_2$
 Pentanoic acid ammonium salt.
 ammonium valerianate. Formerly used as a
 sedative/hypnotic. mp = 108°; very soluble in H_2O ,
 EtOH, soluble in Et_2O .

9289 Amobarbital

57-43-2 607 200-330-7
 $C_{11}H_{18}N_2O_3$
 5-Ethyl-5-(3-methylbutyl)-2,4,6(1H,3H,5H)-
 pyrimidinetrione.
 Amytal; pentymal; barbamil; amylobarbitone; Somnal;
 Dormital; Isomytal; Eunocital; Amal; Mylodorm; Sednotic;
 Amasust; Stadadorm; component of: Dexamyl.
 Sedative/hypnotic. mp = 156-158°; soluble in H_2O (0.077
 g/100 ml), EtOH (20 g/100 ml), $CHCl_3$ (5.88 g/100 ml),
 Et_2O (16.67 g/100 ml); freely soluble in C_6H_6 ; insoluble in
 petroleum ether; LD₅₀ (mus sc) = 212 mg/kg. *Eli Lilly &
 Co.; SmithKline Beecham Pharmaceuticals.*

9290 Amobarbital Sodium

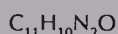
64-43-7 607 200-584-9



5-Ethyl-5-(3-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt.

Amytal Sodium; Talamo; Amsebarb; Barbamyl; Dorminal; Imetal; component of: tuinal. Sedative/hypnotic. Very soluble in H_2O , soluble in EtOH (100 g/100 ml), insoluble in Et_2O . *Eli Lilly & Co.; Marion Merrell Dow Inc.***9291 Amphenidone**

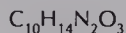
134-37-2 621



1-(m-Aminophenyl)-2(1H)-pyridone.

Dornwal. Sedative/hypnotic. mp = 182.5-184.5°; LD₅₀ (mus orl) = 1300 mg/kg, (rat orl) = 3200 mg/kg. *3M Health Care Ltd. Boehringer Ingelheim GmbH.***9292 Aprobarbital**

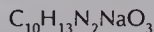
77-02-1 794 200-997-4



5-Allyl-5-isopropyl-2,4,6(1H,3H,5H)-pyrimidinetrione.

Alurate; Numal; Allypropymal; Aprozal. Sedative/hypnotic. mp = 140-141.5°; insoluble in H_2O , petroleum ether; soluble in EtOH, $CHCl_3$, Et_2O , Me_2CO , C_6H_6 , AcOH; LD₅₀ (mus ip) = 200 mg/kg. *Hoffmann-La Roche Inc.***9293 Aprobarbital Sodium**

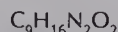
125-88-2 794 204-760-6



5-Allyl-5-isopropyl-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt.

aprobarbital sodium; Alurate Sodium; Somnipron. Sedative/hypnotic. Soluble in H_2O , slightly soluble in EtOH, insoluble in Et_2O . *Hoffmann-La Roche Inc.***9294 Apronalide**

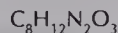
528-92-7 795 208-443-3



N-(Aminocarbonyl)-2-(1-methylethyl)-4-pentenamide.

Apronal; Isodormid; Sedormid. Sedative/hypnotic. mp = 194°; soluble in H_2O (0.03 g/100 ml at 20°, 0.48 g/100 ml at 100°), EtOH (10 g/100 ml), Et_2O (1.33 g/100 ml).**9295 Barbitol**

57-44-3 989 200-331-2



5,5-Diethyl-2,4,6(1H,3H,5H)-pyrimidinetrione.

Barbitone; diethylmalonylurea; Veronal; Malonal; Veroletten; Sédeval; Dormonal; Hypnogène; Deba; Vespéral; Uronal. Sedative/hypnotic. mp = 188-192°; soluble in H_2O (0.77 g/100 ml at 20°, 7.7 g/100 ml at 100°), EtOH (7.14 g/100 ml), $CHCl_3$ (1.66 g/100 ml), Et_2O (2.86 g/100 ml), Me_2CO , EtOAc, petroleum ether, AcOH, C_5H_5N .**9296 Barbitol Sodium**

144-02-5 989 205-613-9



5,5-Diethyl-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt.

barbitol sodium; barbitone sodium; soluble barbitol;

Veronal sodium; Medina; Embinal. Sedative/hypnotic. Soluble in H_2O (20 g/100 ml at 20°, 40 g/100 ml at 100°), EtOH (0.25 g/100 ml).**9297 Barbituric Acid**

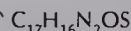
67-52-7 990 200-658-0



2,4,6(1H,3H,5H)-Pyrimidinetrione.

malonylurea. Sedative/hypnotic. mp $\cong$ 248°; poorly soluble in cold H_2O , freely soluble in hot H_2O ; LD₅₀ (rat orl) > 5000 mg/kg.**9298 Bentazepam**

29462-18-8



1,2,3,6,7,8,9-Hexahydro-5-phenyl-2H-[1]-benzothieno[2,3-e]-1,4-diazepin-2-one.

Cl-718. Sedative/hypnotic. *Parke-Davis.***9299 Benzoctamine**

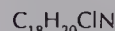
17243-39-9 1117



N-Methyl-9,10-ethanoanthracene-9(10H)-methylamine.

Anxiolytic and skeletal muscle relaxant. Sedative/hypnotic. *Ciba-Geigy Corp.***9300 Benzoctamine Hydrochloride**

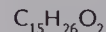
10085-81-1 1117 233-216-0



N-Methyl-9,10-ethanoanthracene-9(10H)-methylamine hydrochloride.

Ba-30803; Tacitin. Anxiolytic and skeletal muscle relaxant. Sedative/hypnotic. mp = 320-322°; LD₅₀ (rat orl) = 700 $\pm$ 170 mg/kg. *Ciba-Geigy Corp.***9301 d-Bornyl Isovalerate**

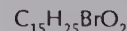
53022-14-3 1370



1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl (1R, endo)-3-methylbutanoate.

borneol isovalerate; Bornyval. Sedative/hypnotic. bp = 255-260°; [α]_D²⁰ = 27-28°; d = 0.955; soluble in EtOH, Et_2O ; insoluble in H_2O .**9302 d-Bornyl- α -Bromoisovalerate**

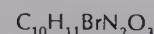
52964-40-6 1368



1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl (1R, endo)-2-bromo-3-methylbutanoate.

Brovalol; Eubornyl; Valisan. Sedative/hypnotic. bp = 163°; d = 1.18; soluble in EtOH, Et_2O , $CHCl_3$; insoluble in H_2O .**9303 Brallobarbital**

561-86-4 1387 209-225-0



S-Allyl-5-(2-bromoallyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

Vesperone. Sedative/hypnotic. mp = 168-169°.

9304 Bromoform

75-25-2 1441 200-854-6



Tribromomethane.

Sedative/hypnotic. mp = 7.5°; bp = 149-150°; d_4^{15} = 2.9035; soluble in H₂O (0.125 g/100 ml), EtOH, C₆H₆, CHCl₃, Et₂O, petroleum ether, Me₂CO; LD₅₀ (mus sc) = 1829 mg/kg.

9305 Bromoisovalum

496-67-3 1418 207-825-7
C₆H₁₁BrN₂O₂
N-(Aminocarbonyl)-2-bromo-3-methylbutanamide.
bromavaleone; B.V.U.; Bromural; Bromisoval; Uvaleral;
Bromuvan; Somnurol; Brovalurea; Dormigene; Isobromyl;
Alluval; Pivadorm. Sedative/hypnotic. mp = 147-149°;
slightly soluble in cold H₂O; freely soluble in hot H₂O;
readily soluble in EtOH, Et₂O; LD₅₀ (mmus ip) = 724.9
mg/kg.

9306 Brotizolam

57801-81-7 1472 260-964-5
C₁₅H₁₀BrClN₄S
2-Bromo-4-(o-chlorophenyl)-9-methyl-6H-thieno[3,2-f]-s-
triazolo[4,3-a][1,4]diazepine.
Lendorm; We-941; Lendormin; Mederantil; Sintonal.
Sedative/hypnotic. mp = 212-214°; LD₅₀ (mus orl) >
10000 mg/kg, (mus ip) = 920 mg/kg, (rat orl) > 10000
mg/kg, (rat ip) = 1000 mg/kg. *Boehringer Ingelheim
Pharmaceuticals, Inc.*

9307 Butabarbital

125-40-6 1530 204-738-6
C₁₀H₁₆N₂O₃
5-Ethyl-5-(1-methylpropyl)-2,4,6(1H,3H,5H)-
pyrimidinetrione.
component of: Pyridium Plus. Sedative/hypnotic. *Parke-
Davis.*

9308 Butabarbital Sodium

143-81-7 1530 205-611-8
C₁₀H₁₅N₂NaO₃
5-Ethyl-5-(1-methylpropyl)-2,4,6(1H,3H,5H)-
pyrimidinetrione sodium salt.
Buticaps; Butisol Sodium; secbutobarbitone sodium;
Astrudion; Bubarbital sodium; Butabarbitalone sodium;
Busodium; Busotran; Butabon; Butabar; Butak; Buta-Kay;
Butrate; Butte; Buticaps; Butalan; Butanotic; Butex;
Butatran; Butazem; Carrbutabarb; Butased; Butisol
sodium; Loubarb; Nervan; Prelital; Sarisol; component of:
Butibel. Sedative/hypnotic. mp = 165-168°; soluble in
H₂O (50 g/100 ml), EtOH (14.3 g/100 ml); insoluble in
Et₂O, C₆H₆. *Wallace Labs.*

9309 Butalbital

77-26-9 1536 201-017-8
C₁₁H₁₆N₂O₃
5-Allyl-5-isobutyl-2,4,6(1H,3H,5H)-pyrimidinetrione.
Sandoptal; alisobumal; allylbarbital; itobarbital;
tetrallobarbital; component of: Axocet, Axotal, Fiorinal.
Sedative/hypnotic. mp = 138-139°; insoluble in H₂O,
petroleum ether; soluble in EtOH, CHCl₃, Et₂O, Me₂CO,
AcOH. *Sandoz Pharmaceuticals Corp.; Savage Labs.*

9310 Butallylonal

1142-70-7 1537 214-537-5
C₁₁H₁₅BrN₂O₃
5-(2-Bromo-2-propenyl)-5-(1-methylpropyl)-
2,4,6(1H,3H,5H)-pyrimidinetrione.

sonbutal. Sedative/hypnotic. mp = 132-133°; insoluble in
H₂O; freely soluble in EtOH, Et₂O.

9311 Butallylonal Sodium

3486-86-0 1537
C₁₁H₁₄BrN₂NaO₃
5-(2-Bromo-2-propenyl)-5-(1-methylpropyl)-
2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt.
Sedative/hypnotic. Soluble in H₂O, EtOH; slightly soluble
in Et₂O, CHCl₃.

9312 Butethal

77-28-1 1550 201-019-9
C₁₀H₁₆N₂O₃
5-Butyl-5-ethyl-2,4,6(1H,3H,5H)-pyrimidinetrione.
butobarbitone; Soneryl; Neonall; Butobarbital; Etoval.
Sedative/hypnotic. mp = 124-127°; soluble in EtOH (20
g/100 ml), Et₂O (10 g/100 ml); insoluble in H₂O,
petroleum ether; LD₅₀ (mus ip) = 319.6 mg/kg.

9313 Butoctamide

32838-26-9 1562
C₁₂H₂₅NO₂
N-(2-Ethylhexyl)-3-hydroxybutyramide.
hexobutyramide. Sedative/hypnotic. bp_{0.30} = 149-150°.
Lion Dentrifice.

9314 Butoctamide Hydrogen Succinate

32838-28-1 1562
C₁₆H₂₉NO₅
Butanedioic acid mono-[3-[(2-ethylhexyl)amino]-1-
methyl-3-oxopropyl] ester.
BAHS; M-2H; Listomin S. Sedative/hypnotic. mp = 46.5°.
Lion Dentrifice.

9315 Butoctamide Hydrogen Succinate Calcium Salt

32266-82-3 1562
C₃₂H₅₈CaN₂O₁₀
Butanedioic acid mono-[3-[(2-ethylhexyl)amino]-1-
methyl-3-oxopropyl] ester calcium salt.
Sedative/hypnotic. λ_m = 192 nm (E_{1 cm}^{1%} 290); LD₅₀ (mus ip)
= 476 mg/kg, (mus orl) = 2000 mg/kg. *Lion Dentrifice.*

9316 Calcium 2-Ethylbutanoate

136-91-4 1707 205-266-3
C₁₂H₂₂CaO₄
2-Ethylbutanoic acid calcium salt.
Ethanion. Sedative/hypnotic. Soluble in H₂O. *Merck &
Co., Inc.*

9317 Calcium Bromide

7789-41-5 1693 232-164-6
Br₂Ca
Hydrobromic acid calcium salt.
Sedative/hypnotic. mp = 730°; d_4^{25} = 3.353; very soluble in
H₂O, MeOH, EtOH; soluble in Me₂CO; insoluble in
dioxane, CHCl₃, Et₂O.

9318 Calcium Bromolactobionate

33659-28-8 1694 251-616-3
C₂₄H₄₂Br₂Ca₂O₂₄
D-Gluconic acid-4-O-β-D-galactopyranosyl calcium salt

(2:1) compound with calcium bromide (1:1).
 Brocalcin; Calabron; Calcibromin; Calcibronat;
 Calcibrom. Sedative/hypnotic. Freely soluble in H₂O.

9319 Capuride

5579-13-5 1818

C₉H₁₈N₂O₂
 (2-Ethyl-3-methylvaleryl)urea.
 Pacinox; McN-X-94; NSC-27178. Sedative/hypnotic. mp = 172°. *McNeil Pharmaceutical*.

9320 Carbocloral

541-79-7 1849

C₅H₈Cl₃NO₃
 Ethyl (2,2,2-trichloro-1-hydroxyethyl)carbamate.
 Prodorm; Cl-336; CN-16146; HY-185; NSC-33077; Ural;
 Uraline; Uralium. Sedative/hypnotic. mp = 103°; freely
 soluble in EtOH, Et₂O; insoluble in H₂O. *Parke-Davis*.

9321 Carbromal

77-65-6 1879 201-046-6

C₇H₁₃BrN₂O₂
 2-Bromo-2-ethylbutylurea.
 Adalin; Tildin; Planadalin; Diacid; Adisomnol; Bromadal;
 Uradal; Nyctal; component of: Carbrital.
 Sedative/hypnotic. mp = 116-119°; soluble in H₂O (0.03
 g/100 ml), EtOH (5.5 g/100 ml), CHCl₃ (33.3 g/100 ml),
 Et₂O (7.1 g/100 ml). *Parke-Davis*.

9322 Carbutarb

960-05-4 1880

C₁₁H₁₇N₃O₅
 5-Butyl-5-(2-carbamoyloxyethyl)-2,4,6(1H,3H,5H)-
 pyrimidinetrione.
 Nogexan. Sedative/hypnotic. mp = 192-194°; LD₅₀ (mus
 sc) = 1400 mg/kg.

9323 Carfimate

3567-38-2 1886

C₁₀H₉NO₂
 1-Phenyl-2-propynyl carbamate.
 phenylethynylcarbinol carbamate; Equilibrium; Nirvotin.
 Sedative/hypnotic. mp = 86-87°. *Farmitalia Carlo Erba*
SpA.

9324 Chloral Betaine

2218-68-0 2111 218-722-1

C₇H₁₄Cl₃NO₄
 1-Carboxy-N,N,N-trimethylmethanaminium hydroxide
 inner salt compound with 2,2,2-trichloro-1,1-ethanediol
 (1:1).
 Beta-Chlor; Somilan; 5107. Sedative/hypnotic. mp =
 122.5-124.5°. *BDH Laboratory Supplies*.

9325 Chloral Formamide

515-82-2 2112 208-210-6

C₃H₄Cl₃NO₂
 N-(2,2,2-Trichloro-1-hydroxyethyl)formamide.
 chloralamide; chloramide. Sedative/hypnotic. mp = 115-
 116°, 124-126°; readily soluble in EtOH, Et₂O, Me₂CO,
 EtOAc, glycerol; soluble in H₂O. *Boehringer Ingelheim*
GmbH.

9326 Chloral Hydrate

302-17-0 2113 206-117-5

† C₂H₃Cl₃O₂
 2,2,2-Trichloro-1,1-ethanediol.
 Noctec; SK Chloral Hydrate; Escree; Nycton; Somnos;
 Chloraldurat. Sedative/hypnotic. mp = 57°; d = 1.91; bp =
 98°; freely soluble in H₂O (240 g/100 ml at 0°, 830 g/100
 ml at 25°, 1430 g at 40°), EtOH (76.9 g/100 ml), CHCl₃
 (50 g/100 ml), Et₂O (66.6 g/100 ml), glycerol (200 g/100
 ml), CS₂ (1.47 g/100 ml); sparingly soluble in CCl₄, C₆H₆,
 C₇H₈; LD₅₀ (rat orl) = 479 mg/kg. *Bristol-Myers Squibb*
Pharmaceutical Res. and Dev; SmithKline Beecham
Pharmaceuticals.

9327 α-Chloralose

15879-93-3 2114 240-016-7

C₈H₁₁Cl₃O₆
 (R)-1,2-O-(2,2,2-Trichloroethylidene)-α-D-glucofuranose.
 glucochloral; anhdroglucochloral; chloralosane; Alphakil;
 Dorcalm; Somio. Sedative/hypnotic. Has been used as a
 rodenticide. mp = 187°; [α]_D²⁰ = 19° (c = 5 EtOH); soluble
 in H₂O (0.44 g/100 ml at 15°, 0.83 g/100 ml at 37°),
 EtOH (6.67 g/100 ml at 25°), soluble in Et₂O, AcOH;
 slightly soluble in CHCl₃; insoluble in petroleum ether;
 LD₅₀ (mus orl) = 400 mg/kg.

9328 Chlordiazepoxide

58-25-3 2132 200-371-0

C₁₆H₁₄ClN₃O
 7-Chloro-2-(methylamino)-5-phenyl-3H-1,4-
 benzodiazepin 4-oxide.
 Abboxide; Librelease; Libritabs; Limbitrol; Menrium;
 methaminodiazepoxide; Clopoxide; Helogaphen;
 Multum; Risolid; Silibrin; Tropium. Anxiolytic.
 Sedative/hypnotic. mp = 236-236.5°. *Abbott Labs;*
Hoffmann-LaRoche Inc.

9329 Chlordiazepoxide Hydrochloride

438-41-5 2132 207-117-8

C₁₆H₁₅Cl₂N₃O
 7-Chloro-2-(methylamino)-5-phenyl-3H-1,4-
 benzodiazepin 4-oxide hydrochloride.
 A-Poxide; Librium; SK-Lygen; Librax; Ro-5-0690; NSC-
 115748; Ansiacal; Balance; Benzodipapin; Cebrium; Corax;
 Disarim; Elenium; Equibral; Labican; Lentotran; Librium;
 O.C.M.; Psichial; Psicoterina; Reliberan; Seren Vita;
 Viansin. Anxiolytic. Sedative/hypnotic. mp = 213°;
 soluble in H₂O (1.5 mg/ml). *Abbott Labs;* *Hoffmann-*
LaRoche Inc.

9330 Chlorethate

5634-37-7

C₅H₄Cl₆O₃
 Bis(2,2,2-trichloroethyl)carbonate.
 SK&F-12866. Sedative/hypnotic. *SmithKline Beecham*
Pharmaceuticals.

9331 Chlorhexadol

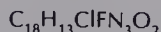
3563-58-4 2139 222-634-9

C₈H₁₅Cl₃O₃
 Methyl-4-(2,2,2-trichloro-1-hydroxyethoxy)pentan-2-ol.
 Lora; Chloralodol; Mecoral; Medodorm.
 Sedative/hypnotic. mp = 102-104°; readily soluble in
 EtOH, CHCl₃; soluble in Et₂O; slightly soluble in CCl₄.

Wallace Labs.

9332 Cinolazepam

75696-02-5 2368



7-Chloro-5-(o-fluorophenyl)-2,3-dihydro-3-hydroxy-2-oxo-1H-1,4-benzodiazepine-1-propionitrile.

OX-373; Gerodorm. Sedative/hypnotic. mp = 190-193°.

Gerot Pharmazeutika.

9333 Clomethiazole

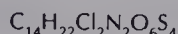
533-45-9 2444 208-565-7



5-(2-Chloroethyl)-4-methylthiazole.

Anticonvulsant. Sedative/hypnotic. bp₇ = 92°; d₄²⁵ = 1.233.**9334 Clomethiazole Ethanedisulfonate**

1867-58-9 2444 217-483-0



5-(2-Chloroethyl)-4-methylthiazole ethanedisulfonate.

SCTZ; Distraneurin; Hemineurin; Heminevrin.

Anticonvulsant. Sedative/hypnotic. mp = 124°.

9335 Clomethiazole Hydrochloride

6001-74-7 2444

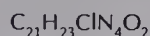


5-(2-Chloroethyl)-4-methylthiazole hydrochloride.

Anticonvulsant. Sedative/hypnotic. mp = 130°; soluble in

H₂O, EtOH.**9336 Cloperidone**

4052-13-5



3-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-

2,4(1H,3H)-quinazolinone.

Sedative/hypnotic.

9337 Cloperidone Hydrochloride

525-26-8

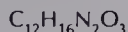


3-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-

2,4(1H,3H)-quinazolinone hydrochloride.

MA-1337. Sedative/hypnotic. Bayer Corp.,
Pharmaceutical Div.**9338 Cyclobarbitol**

52-31-3 2780 200-138-3



5-(1-Cyclohexen-1-yl)-5-ethyl-2,4,6(1H,3H,5H)-pyrimidinetrione.

Phanodorn; cyclobarbitone; hexemal;

tetrahydrophenobarbital; Cavonyl; Cycxlodorm;

Cyklodorm; Fanodormo; Irifan; Namuron; Palinum;

Phanodorn; Philodorm; Prällumin; Pro-Sonil; Sonoform.

Sedative/hypnotic. mp = 171-174°; slightly soluble in

cold H₂O, appreciably soluble in hot H₂O, soluble inEtOH (20 g/100 ml), Et₂O (5 g/100 ml); LD₅₀ (mus ip) =

350 mg/kg, (rat ip) = 290 mg/kg. Bayer Corp.,

Pharmaceutical Div.; Sterling Winthrop, Inc.

9339 Cyclobarbitol Calcium

143-76-0 2780 205-610-2

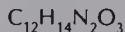


5-(1-Cyclohexen-1-yl)-5-ethyl-2,4,6(1H,3H,5H)-

pyrimidinetrione calcium salt.

Phanodorn Calcium; hexemal calcium; ltridal;
Kollerdormfix; Pronox. Sedative/hypnotic. Soluble in H₂O
(1.43 g/100 ml), EtOH (0.2 g/100 ml), insoluble in Et₂O,
CHCl₃. Bayer Corp., Pharmaceutical Div.; Sterling
Winthrop, Inc.**9340 Cyclopentobarbital**

76-68-6 2814 200-979-6



5-(2-Cyclopenten-1-yl)-5-(2-propenyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

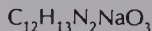
Cyclopal. Sedative/hypnotic. mp = 139-140°; slightly

soluble in cold H₂O; moderately soluble in hot H₂O;

freely soluble in EtOH, organic solvents.

9341 Cyclopentobarbital Sodium

302-34-1 2814



5-(2-Cyclopenten-1-yl)-5-(2-propenyl)-2,4,6(1H,3H,5H)-pyrimidinetrione sodium.

Cyclopal sodium. Sedative/hypnotic. Very soluble in

H₂O.**9342 Cyprazepam**

15687-07-7



7-Chloro-2-[(cyclopropylmethyl)amino]-5-phenyl-3H-1,4-benzodiazepin-3(4H)-oxide.

W-3623. Sedative/hypnotic.

9343 Cypripedium

2839

Dried rhizome and roots of *Calypso bulbosa*,
Cypripedium pubescens or *Cypripedium parviflorum*.Lady's Slipper; American Valerian; nerve root; yellow
moccasin flower; Noah's ark. Sedative/hypnotic.**9344 Detomidine Hydrochloride**

76631-46-4 2981



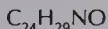
4-(2,3-Dimethylbenzyl)imidazole hydrochloride.

MPV-253 All. An α_2 adrenoceptor agonist with sedativeproperties. Sedative/hypnotic. mp = 114-116°; LD₅₀ (musiv) = 35 mg/kg; [hydrochloride (C₁₂H₁₅ClN₂,

Domosedan)]: mp = 160°. Farnos Group Ltd.

9345 Dexclamol

52340-25-7

(±)-2,3,4,4a β ,8,9,13b α ,14-Octahydro-3 α -isopropyl-1H-benzo[6,7]cyclohepta[1,2,3-de]pyrido[2,1-a]isoquinolin-3-ol.

Sedative/hypnotic.

9346 Dexclamol Hydrochloride

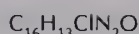
52389-27-2

(±)-2,3,4,4a β ,8,9,13b α ,14-Octahydro-3 α -isopropyl-1H-benzo[6,7]cyclohepta[1,2,3-de]pyrido[2,1-a]isoquinolin-3-ol hydrochloride.

AY-24169. Sedative/hypnotic.

9347 Diazepam

439-14-5 3042 207-122-5



7-Chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one.

Alupram; Valium; Valrelease; LA-III; Ro-5-2807; Wy-3467; NSC-77518; Apaurin; Atensine; Atilen; Bialzepam; Calmpose; Cereglart; Dalar; Diazemuls; Dipam; Eridan; Eurosan; Evacalm; Faustan; Gewacalm; Horizon; Lamra; Lembrol; Levium; Mandrozep; Neurolytril; Noan; Novazam; Paceum; Pacitran; Paxate; Paxel; Pro-Pam; Q-Pam; Relanium; Sedapam; Seduxen; Servizepam; Setonil; Solis; Stesolid; Tranquase; Tranquo-Puren; Tranquo-Tablinen; Unisedil; Valaxona; Valiquid; Valium; Valelease; Vival; Vivol. Anxiolytic, skeletal muscle relaxant and sedative/hypnotic. Pharmaceutical preparation for the treatment of depression. mp = 125-126°; soluble in DMF, $CHCl_3$, C_6H_6 , Me_2CO , EtOH; slightly soluble in H_2O ; LD_{50} (rat orl) = 710 mg/kg. *Berk Pharmaceuticals Ltd.; Hoffmann-LaRoche Inc.*

9348 Dichloralphenazone

480-30-8 3097 207-546-0

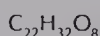


1,2-Dihydro-1,5-dimethyl-2-phenyl-3H-pyrazol-3-one compound with 2,2,2-trichloro-1,1-ethanediol.

Dichloralantipyrine; Bihypnal; Bonadorm; Dormwell; Sedor; Sominat; Welldorm. Compound and chloral and antipyrine. Sedative/hypnotic. mp = 68°.

9349 Didrovaltrate

18296-45-2

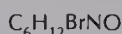


1,4a,5,7a-Tetrahydro-16,-dihydroxyspiro[cyclopenta(c)pyran-7(6H)-,2'-oxirane]-4-methanol 6-acetate 1,4-diisovalerate.

Sedative, antispasmodic.

9350 Diethylbromoacetamide

511-70-6 3164 208-132-2

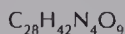


2-Bromo-2-ethylbutanamide.

carbromide. Sedative/hypnotic. mp = 67°; soluble in H_2O (0.87 g/100 ml); freely soluble in hot H_2O ; soluble in EtOH, Et_2O , C_6H_6 , oils. *Kalle B.V.*

9351 Difebarbamate

15687-09-9



1,3-Bis(3-butoxy-2-hydroxypropyl)-5-ethyl-5-phenylbarbituric acid dicarbamate ester. component of: Atrium. Sedative.

9352 Doxefazepam

40762-15-0 3490

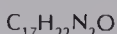


7-Chloro-5-(o-fluorophenyl)-1,3-dihydro-3-hydroxy-1-(2-hydroxyethyl)-2H-1,4-benzodiazepine-2-one.

SAS-643; Doxans. Sedative/hypnotic. mp = 138-140°; LD_{50} (rat orl) = 2550 mg/kg, (rat ip) = 586 mg/kg, (mus orl) > 1500 mg/kg, (mus ip) = 774 mg/kg. *Schiapparelli.*

9353 Doxylamine

469-21-6 3497 207-414-2

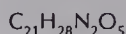


2-[α -[2-(Dimethylamino)ethoxy]- α -methylbenzyl]-pyridine.

Sedative/hypnotic. $bp_{0.5}$ = 137-141°; soluble in acids. *Marion Merrell Dow Inc.; Pfizer International; Whitehall.*

9354 Doxylamine Succinate

562-10-7 3497 209-228-7

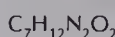


2-[α -[2-(Dimethylamino)ethoxy]- α -methylbenzyl]pyridine succinate.

Decapryn Succinate; Unisom; Mereprine; Alsodorm; Gittalun; Hoggar N; Sedaplus; component of: Robitussin Night Time Cold Formula. Sedative/hypnotic. mp = 100-104°; soluble in H_2O (100 g/100 ml), EtOH (50 g/100 ml), $CHCl_3$ (50 g/100 ml); slightly soluble in C_6H_6 , Et_2O ; LD_{50} (mus orl) = 470 mg/kg, (mus iv) = 62 mg/kg, (mus sc) = 460 mg/kg, (rbt orl) = 250 mg/kg, (rbt iv) = 49 mg/kg, (mrat sc) = 440 mg/kg, (frat sc) = 445 mg/kg. *Marion Merrell Dow Inc.; Pfizer International; Whitehall Labs.*

9355 Ectylurea

95-04-5 3552 202-386-8

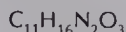


cis-(2-Ethylcrotonyl)urea.

Astyn; Ektyl; Levanil; Nostal; Nostyn; Cronil; Neuroprocin; Pacetyn. Sedative/hypnotic. mp = 158°, 191-193°, 198°; slightly soluble in Et_2O , hot EtOH, other organic solvents; LD_{50} (rat orl) = 2500 mg/kg, (rat ip) = 900 mg/kg. *Miles.*

9356 Enallypropymal

1861-21-8 3607 217-463-1

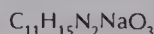


1-Methyl-5-(1-methylethyl)-5-(2-propenyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

Sedative/hypnotic. mp = 56-57°, bp_{12} = 176-178°; soluble in organic solvents. *Hoffmann-LaRoche Inc.*

9357 Enallypropymal Sodium Salt

59005-68-4 3607

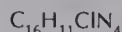


1-Methyl-5-(1-methylethyl)-5-(2-propenyl)-2,4,6(1H,3H,5H)-pyrimidinetrione sodium.

Narconumal. Sedative/hypnotic. Soluble in H_2O . *Hoffmann-LaRoche Inc.*

9358 Estazolam

29975-16-4 3744 249-982-4



8-Chloro-6-phenyl-4H-s-triazolo[4,3-a][1,4]-benzodiazepine.

ProSom; Abbott-47631; D-40TA; Cannoc; Esilgan; Eurodin; Julodin; Nemurel; Nuctalon; ProSom; Somnatrol. Sedative/hypnotic. mp = 228-229°; LD_{50} (mmus orl) = 740 mg/kg, (rat orl) = 3200 mg/kg, (rbt orl) = 300 mg/kg. *Abbott Labs.; Pharmacia & Upjohn, Inc.; Takeda; Toyama.*

9359 Etaqualone

7432-25-9 3757



3-(o-Ethylphenyl)-2-methyl-4(3H)-quinazolinone.

Aolan. Sedative/hypnotic. mp = 81°; [hydrochloride ($C_{17}H_{17}ClN_2O$)] mp = 247°. *Beiersdorf, P., AG.*

9360 Ethchlorvynol

113-18-8 3774

C_7H_9ClO
1-Chloro-3-ethyl-1-penten-4-yn-3-ol.
Placidyl; Arvynol; Serenesil; Roeridorm; Normoson.
Sedative/hypnotic. bp = 173-174°, 181°, bp_{0.1} = 28.5-30°;
d₄²⁵ = 1.065 - 1.070; insoluble in H₂O, soluble in most
organic solvents; LD₅₀ (mus orl) = 290 mg/kg. *Abbott
Labs.; Pfizer International.*

9361 Ethinamate

126-52-3 3779 204-789-4
 $C_9H_{13}NO_2$
1-Ethynylcyclohexanol carbamate.
Valmid; Valmidate; Valamin. Sedative/hypnotic. mp =
96-98°; bp₃ = 118-122°; not optically active; soluble in
H₂O (0.25 g/100 ml), EtOH (35 g/100 ml), C₆H₁₆ (2 g/100
ml). *Eli Lilly & Co.; Schering AG.*

9362 Etodroxizine

17692-34-1 3921
 $C_{23}H_{31}ClN_2O_3$
2-[2-[2-[4-(p-Chloro-α-phenylbenzyl)-1-
piperazinyl]ethoxy]ethoxy] ethanol.
Sedative/hypnotic. bp_{0.01} = 250°.

9363 Etodroxizine Dimaleate

56335-21-8 3921
 $C_{31}H_{39}ClN_2O_{11}$
2-[2-[2-[4-(p-Chloro-α-phenylbenzyl)-1-
piperazinyl]ethoxy]ethoxy] ethanol dimaleate.
Indunox; Drimyl. Sedative/hypnotic. LD₅₀ (rat orl) = 920
mg/kg.

9364 Etomidate

33125-97-2 3927 251-385-9
 $C_{14}H_{16}N_2O_2$
(+)-Ethyl-1-(α-methylbenzyl)imidazole-5-carboxylate.
Amidate; R-16659; Hypnomidate. Sedative/hypnotic. mp
= 67°; [α]_D²⁰ = 66° (c = 1 EtOH); λ_m = 240 nm (ε 12200
iPrOH); soluble in H₂O (0.0045 mg/100 ml), CHCl₃,
MeOH, EtOH, Me₂CO, propylene glycol; LD₅₀ (mus iv) =
29.5 mg/kg, (rat iv) = 14.8 - 24.3 mg/kg. *Abbott Labs.;*
Janssen Pharmaceutical, Belgium.

9365 Fenadiazole

1008-65-7 3994
 $C_8H_6N_2O_2$
o-1,3,4-Oxodiazol-2-ylphenol.
JL-512; Hypnazol. Sedative/hypnotic. mp = 111-112°;
LD₅₀ (mus ip) = 940 mg/kg. *Lab. Jacques Logeais.*

9366 Fenobam

63540-28-3
 $C_{11}H_{11}ClN_4O_2 \cdot H_2O$
1-(m-Chlorophenyl)-3-(1-methyl-4-oxo-2-imidazolin-2-
yl)urea monohydrate.
McN-3377-98. Sedative/hypnotic. *McNeil
Pharmaceutical.*

9367 Flunitrazepam

1622-62-4 4181 216-597-8
 $C_{16}H_{12}FN_3O_3$
5-(o-Fluorophenyl)-1,3-dihydro-1-methyl-7-nitro-2H-1,4-
benzodiazepin-2-one.

Rohypnol; 5-4200; Narcozep; Roipnol.
Sedative/hypnotic. mp = 166-167°, 170-172°. *Hoffmann-
LaRoche Inc.*

9368 Flurazepam

17617-23-1 4233 241-591-7
 $C_{21}H_{23}ClFN_3O$
7-Chloro-1-(2-diethylamino)ethyl]-5-(o-fluorophenyl)-1,3-
dihydro-2H-1,4-benzodiazepin-2-one.
Felmane; Noctosom; Stauroderm. An anticonvulsant with
sedative/hypnotic properties. mp = 77-82°. *Hoffmann-
LaRoche Inc.*

9369 Flurazepam Hydrochloride

1172-18-5 4233 214-630-0
 $C_{21}H_{25}Cl_2FN_3O$
7-Chloro-1-(2-diethylamino)ethyl]-5-(o-fluorophenyl)-1,3-
dihydro-2H-1,4-benzodiazepin-2-one dihydrochloride.
Dalmane; 5-6901; NSC-78559; Benozil; Dalmadorm;
Dalmate; Dormodor; Felson; Insumin; Lunipax; Somlan.
An anticonvulsant with sedative/hypnotic properties. mp
= 190-220°; LD₅₀ (mus ip) = 290 mg/kg, (mus orl) = 870
mg/kg, (mus iv) = 84 mg/kg. *Hoffmann-LaRoche Inc.*

9370 Fosazepam

35322-07-7
 $C_{18}H_{18}ClN_2O_2P$
7-Chloro-1-[(dimethylphosphinyl)methyl]-1,3-dihydro-5-
phenyl-2H-1,4-benzodiazepin-2-one.
HR-930. Sedative/hypnotic. *Hoechst-Roussel
Pharmaceuticals Inc.*

9371 4-Methyl-5-thiazoleethanol

137-00-8 6208 205-272-6
 C_6H_9NOS
5-Hydroxyethyl-4-methylthiazole.
Sedative/hypnotic. d₄²⁴ = 1.196; bp₇ = 135°, bp₃ = 123-
124°; bp₁ = 103°; soluble in EtOH, Et₂O, C₆H₆, CHCl₃,
H₂O; [hydrochloride (C₆H₁₀ClNOS)]: soluble in H₂O,
EtOH. *Merck & Co., Inc.; E. I. Du Pont de Nemours Inc.*

9372 5-Furfuryl-5-isopropylbarbituric Acid

1146-21-0 4326 214-549-0
 $C_{12}H_{14}N_2O_4$
5-(2-Furanylmethyl)-5-(1-methylethyl)-2,4,6(1H,3H,5H)-
pyrimidinetrione.
Dormovit. Sedative/hypnotic. mp = 168-170°; insoluble
in cold H₂O; soluble in hot H₂O, EtOH, Et₂O, CHCl₃,
Wiernik AG.

9373 Glutethimide

77-21-4 4485 201-012-0
 $C_{13}H_{15}NO_2$
2-Ethyl-2-phenylglutarimide.
Elrodorm; Doriden; Doriden-Sed. Sedative/hypnotic. [dl-
form]: mp = 84°; λ_m 251, 257, 263 nm ((MeOH); freely
soluble in EtOAc, Me₂CO, Et₂O, CHCl₃; soluble in EtOH,
MeOH; insoluble in H₂O; [d-form]: mp = 102.5-103°;
[α]_D²⁰ = 176° (MeOH); [l-form]: mp = 102-103°; [α]:s. *Ciba-
Geigy Corp.*

9374 Halazepam

23092-17-3 4619 245-425-4
 $C_{17}H_{12}ClF_3N_2O$

7-Chloro-1,3-dihydro-5-phenyl-1-(2,2,2-trifluoroethyl)-2H-1,4-benzodiazepin-2-one.
Paxipam; Sch-12041. Anxiolytic and sedative/hypnotic.
mp = 164-166°; LD₅₀ (mus orl) > 4000 mg/kg. *Schering Corp.*

9375 Haloxazolam

59128-97-1 4635
C₁₇H₁₄BrFN₂O₂
10-Bromo-11b-(o-fluorophenyl)-2,3,7,11b-tetrahydrooxazolo[3,2-d][1,4]benzodiazepin-6(5H)-one.
CS-430; Somelin. Sedative/hypnotic. mp = 185°; sparingly soluble in H₂O, LD₅₀ (mus orl) = 1850 mg/kg.

9376 Heptabarbital

509-86-4 4689 208-107-6
C₁₃H₁₈N₂O₃
5-(1-Cyclohepten-1-yl)-5-ethyl-2,4,6(1H,3H,5H)-pyrimidinetrione.
heptabarb; Heptadorm; Medomin. Sedative/hypnotic. mp = 174°; λ_m = 218.5, 254 nm (0.2N NaOH); sparingly soluble in H₂O; soluble in EtOH (4.0 g/100 ml), Me₂CO (5.7 g/100 ml), CHCl₃ (1.4 g/100 ml). *Ciba-Geigy Corp.*

9377 Hexapropymate

358-52-1 4733 206-618-9
C₁₀H₁₅NO₂
1-(2-Propynyl)cyclohexanol carbamate.
hexopropymate; L-2103; Modirax; Lunamin; Merinax. Sedative/hypnotic. mp = 99°; soluble in EtOH, glycerol, propylene glycol. *Soc. Belge des Labs. Labaz.*

9378 Hexethal Sodium

144-00-3 4740
C₁₂H₁₉N₂NaO₃
5-Ethyl-5-hexyl-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt.
Ortal Sodium; Heberal. Sedative/hypnotic. mp = 126°; soluble in H₂O, EtOH; insoluble in Et₂O, C₆H₆; MLD (rat ip) = 240-25- mg/kg.

9379 Hexobarbital

56-29-1 4742 200-264-9
C₁₂H₁₆N₂O₃
5-(1-Cyclohexen-1-yl)-1,5-dimethyl-2,4,6(1H,3H,5H)-pyrimidinetrione.
Evipal; Sombucaps; Sombulex; methexenyl; enhexymal; hexobarbitone; Citodon; Citopan; Cyclonal; Dorico; Evipan; Hexanastab Oral; Noctivane; Somnalert. Sedative/hypnotic. mp = 145-147°; slightly soluble in H₂O (0.033 g/100 ml); soluble in MeOH, hot EtOH, Et₂O, CHCl₃, Me₂CO, C₆H₆. *3M Pharmaceuticals; Sterling Winthrop, Inc.*

9380 Hexobarbital Sodium

50-09-9 4742 200-009-1
C₁₂H₁₅N₂NaO₃
5-(1-Cyclohexen-1-yl)-1,5-dimethyl-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt.
Evipal Sodium; hexobarbital soluble; Cyclonal Sodium; Dorico Soluble; Evipan Sodium; Hexanastab; Hexenal; Methexenyl Sodium; Noctivane Sodium; Narcosan Soluble; Privenal. Sedative/hypnotic. Soluble in H₂O, EtOH, MeOH, Me₂CO; insoluble in CHCl₃, Et₂O, C₆H₆.

3M Pharmaceuticals; Sterling Winthrop, Inc.

9381 Homofenazine

3833-99-6 4774
C₂₃H₂₈F₃N₃OS
Hexahydro-4-[3-[2-(trifluoromethyl)phenothiazin-10-yl]-propyl]-1H-1,4-diazepin-1-ethanol.
D-775; HFZ. Sedative/hypnotic. bp₁ = 230-240°. *Degussa AG.*

9382 Homofenazine Difumarate

3093-71-8 4774
C₃₁H₃₆F₃N₃O₉S
Hexahydro-4-[3-[2-(trifluoromethyl)phenothiazin-10-yl]-propyl]-1H-1,4-diazepin-1-ethanol difumarate.
Sedative/hypnotic. mp = 148°. *Degussa AG.*

9383 Homofenazine Dihydrochloride

1256-01-5 4774 215-017-0
C₂₃H₃₀Cl₂F₃N₃OS
Hexahydro-4-[3-[2-(trifluoromethyl)phenothiazin-10-yl]-propyl]-1H-1,4-diazepin-1-ethanol dihydrochloride.
Pasden. Sedative/hypnotic. *Degussa AG.*

9384 Hydrobromic Acid

10035-10-6 4819 233-113-0
HBr
Hydrogen bromide.
Sedative/hypnotic. Aqueous solution, marketed in various concentrations: 50% HBr (d = 1.517), 40% HBr (d = 1.38), 34% HBr (d = 1.31), 1-% HBr (d = 1.08); solution contains up to 68.85% HBr in H₂O; forms azeotropes with H₂O, bp₁₀₀ = 74.12° (49.80%), bp₄₀₀ = 107.00° (48.47%), bp₇₀₀ = 122.0° (47.74%), bp₈₀₀ = 125.79° (47.56%).

9385 Isovaleryl Diethylamide

533-32-4 5253 208-562-0
C₉H₁₉NO
N,N-Diethyl-3-methylbutyramide.
Valy; Xalyl. Sedative/hypnotic. bp = 210-212°, bp₁₄ = 93-95°, bp₅ = 77-78°; d₂₀ = 0.8764; soluble in H₂O (4 g/100 ml), EtOH.

9386 Lithium Bromide

7550-35-8 5551 231-439-8
BrLi
Hydrobromic acid lithium salt.
Sedative/hypnotic. mp = 547°; soluble in H₂O (166 g/100 ml at 20°, 250 g/100 ml at 100°); freely soluble in EtOH, ethylene glycol; soluble in Et₂O, amyl alcohol.

9387 Lopirazepam

42863-81-0 255-974-1
C₁₄H₉Cl₂N₃O₂
7-Chloro-5-(o-chlorophenyl)-1,3-dihydro-3-hydroxy-2H-pyrido[3,2-e]-1,4-diazepin-2-one.
D-12524. A benzodiazepine. Sedative; anxiolytic.

9388 Loprazolam

61197-73-7 5604
C₂₃H₂₁ClN₆O₃
(Z)-6-(o-Chlorophenyl)-2,4-dihydro-2-[(4-methyl-1-piperazinyl)methylene]-8-nitro-1H-imidazo[1,2-

a)[1,4]benzodiazepin-1-one.

Sedative/hypnotic. mp = 214-215°; LD₅₀ (mus orl) > 1000 mg/kg. *Roussel-UCLAF*.

9389 Loprazolam Methanesulfonate

70111-54-5 5604

C₂₄H₂₅ClN₆O₆S

(Z)-6-(o-Chlorophenyl)-2,4-dihydro-2-[(4-methyl-1-piperazinyl)methylene]-8-nitro-1H-imidazo[1,2-a][1,4]benzodiazepin-1-one methanesulfonate.

loprazolam mesylate; HR-158; RU-31158; Dormonox; Havlane; Somnovit; Sonin. Sedative/hypnotic. mp = 205=210°. *Roussel-UCLAF*.

9390 Lormetazepam

848-75-9 5611 212-700-5

C₁₆H₁₂Cl₂N₂O₂

7-Chloro-5-(o-chlorophenyl)-1,3-dihydro-3-hydroxy-1-methyl-2H-1,4-benzodiazepin-2-one.

WY-4082; Ergocalm; Loramet; Noctamid. Sedative/hypnotic. mp = 205-207°. *American Home Products*.

9391 Magnesium Bromide

7789-48-2 5695 232-170-9

Br₂Mg

Hydrobromic acid magnesium salt.

Sedative/hypnotic. [hexahydrate]: mp ≅ 165° (dec); soluble in H₂O (330 g/100 ml), EtOH.

9392 Mecloqualone

340-57-8 5821 206-432-8

C₁₅H₁₁ClN₂O

3-(o-Chlorophenyl)-2-methyl-4(3H)-quinazolinone.

W-4744; NSC-142005; Nubarene. Sedative/hypnotic. mp = 126-128°; [hydrochloride (C₁₅H₁₂Cl₂N₂O)]: mp = 239-241°.

9393 Mecloamine

5668-06-4 5823

C₁₉H₂₄ClNO

2-[(p-Chloro-α-methyl-α-phenylbenzyl)oxy]-N,N-dimethylpropylamine.

Anticholinergic and sedative/hypnotic. bp_{0.6} = 154-160°; [citrate (C₂₅H₃₂ClNO₈); component of: Meildorm]: mp = 120-124°.

9394 Menthyl Valerate

89-47-4 5887 201-910-2

C₁₇H₂₄O₃

(1α,2β,5α)-3-Methylbutanoic acid 5-methyl-2-(1-methylethyl)cyclohexyl ester.

Validol. Sedative/hypnotic. d = 0.906-0.908; insoluble in H₂O; freely soluble in EtOH, CHCl₃, Et₂O, oils.

9395 Meparfynol

77-75-8 5890 201-055-5

C₆H₁₀O

3-Methyl-1-pentyn-3-ol.

methylparafynol; methylpentynol; Allotropal; Anti-stress; Apridol; Atemorin; Atempol; Dalgol; Dorison; Dormalest; Dormidin; Dormigen; Dormiphen; Dormison; Dormosan; Formison; Hesofen; Hexofen; Imnudorm; Oblivon; Pentadorm; Perlopal; Riposon; Seral; Somnesin. Sedative/hypnotic. d₄²⁰ = 0.8688; d₂₀²⁰ = 0.8721; bp = 121-

122°; bp₃₇ = 50°, bp_{6.5} = 20°; mp = -30.6°; soluble in H₂O (12.8 g/100 ml), Et₂O, Me₂CO, CCl₄, C₆H₆, EtOAc, MEK, most other organic solvents; LD₅₀ (mus, rat, gpg orl) = 600-900 mg/kg. *Bayer Corp., Pharmaceutical Div.; Schering Corp.*

9396 Meparfynol Carbamate

302-66-9 5890 206-125-9

C₇H₁₁O₂

3-Methyl-1-pentyn-3-ol carbamate.

N-Oblivon; Oblivon C; Trusono. Sedative/hypnotic. mp = 55.8-57°, 53.5-55°; bp₁₆ = 120-121°, bp_{0.01} = 95°; soluble in H₂O (1.6 g/100 ml); LD₅₀ (mus sc 4 hr) = 560 mg/kg. *Schering Corp.*

9397 Mephobarbital

115-38-8 5899 204-085-7

C₁₃H₁₄N₂O₃

5-Ethyl-1-methyl-5-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione.

Mebaral; Menta-Bal; Phemiton; Prominal; Isonal; component of: Mebroin. Sedative/hypnotic. mp = 176°; slightly soluble in cold H₂O, more soluble in hot H₂O, soluble in EtOH. *Marion Merrell Dow Inc.; Sterling Winthrop, Inc.*

9398 Meproamate

57-53-4 5908 200-337-5

C₉H₁₈N₂O₄

2-Methyl-2-propyl-1,3-propanediol dicarbamate.

Equanil; Meprospan; Mepro tabs; Miltown; Tamate; Appetrol; Deprol; Equagesic; Micrainin; Milpath; Milprem; Miltrate; PMB-200; PMB-400; procalmadiol; procalmidol; Amosene; Andaxin; Aneural; Artolon; Atraxin; Ayeramate; Bamo 400; Biobamat; Calmiren; Cirpon; Cyrpon; Ecuamil; Fas-Cile 200; Gadexyl; Holbamate; Kesso-Bamate; Klort; Mar-Bate; Mepavlon; Meposed; Meprin; Meprindon; Meproham; Mepr; Mepro tabs; Meproten; Meprotil; Meptan; Mesmar; Miltaun; Morbam; My-trans; Nervonus; Qasil; Panediol; Perequil; Pertranquil; Placidon; Probamyl; Promate; Quaname; Quamil; Reostrat; Restenil; Restran; Sowell; Trankvilan; Tranlisant; Tranquilan; Tranquiline; Urbilat. Anxiolytic with sedative and hypnotic properties. A proprietary preparation of meproamate and ethinylestradiol; used for control of menopause. mp = 104-106°; soluble in H₂O (3.4 mg/ml), more soluble in organic solvents; LD₅₀ (mus ip) = 800 mg/kg. *Lederle Labs.; Marion Merrell Dow Inc.; Wallace Labs.; Wyeth-Ayerst Labs.*

9399 Methaqualone

72-44-6 6028 200-780-4

C₁₆H₁₄N₂O

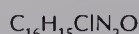
2-Methyl-3-o-tolyl-4(3H)-quinazolinone.

CI-705; CN-38703; QZ-2; RIC-272; R-148; TR-495; metolquizolone; MAOA; MTQ; ortonol; Rorer 148; Cateudyl; Citexal; Dormigo; Dormogen; Dormutil; Dorsedin; Fadormir; Holodorm; Hyminal; Hypcol; Hyptor; Ipnofil; Melsomin; Mequin; Mollinox; Motolon; Nobedorm; Noctilene; Normi-Nox; Omnyl; Optinoxan; Parminal; Parest; Quaalude; Roulone; Rouqualone; Sindesvel; Somnafac; Sonal; Somberol; Somnosed; Soverin; Torinal; Tuazol; Tuazolone. Sedative/hypnotic. mp = 120°, 114-116°; λ_m = 225, 263, 304, 316 nm

(EtOH), 234, 269 nm (0.1N HCl); soluble in EtOH, Et₂O, CHCl₃; insoluble in H₂O; LD₅₀ (rat orl) = 255 mg/kg. Parke-Davis; Wallace Labs.

9400 Methaqualone Hydrochloride

340-56-7 6028 206-431-2

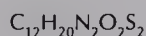


2-Methyl-3-o-tolyl-4(3H)-quinazolinone hydrochloride.

Optimil; Parest; Melsedin; Mequelon; Metasdorm; Methased; Optimil; Paxidorm; Revonal; Riporest; Sedaquin; Sleepinal; Somnium; Toquilone; Torafflon. Sedative/hypnotic. mp = 255-265°; soluble in Et₂O, EtOH; insoluble in H₂O. Parke-Davis; Wallace Labs.

9401 Methitural

467-43-6 6058

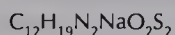


5-(1-Methylbutyl)-5-[2-(methylthio)ethyl]-2-thiobarbituric acid.

Sedative/hypnotic. E. Merck.

9402 Methitural Sodium Salt

730-68-7 6058 211-985-3

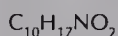


Sodium 5-(1-methylbutyl)-5-[2-(methylthio)ethyl]-2-thiobarbiturate.

methioturinate; AM-109; Sch-3132; Neraval; Thiogenal. Sedative/hypnotic. Freely soluble in H₂O. E. Merck.

9403 Methypylon

125-64-4 6216 204-745-4

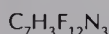


3,3-Diethyl-2-methyl-2,4-piperidinedione.

Noludar; Noctan; Dimerin. Sedative/hypnotic. mp = 74-77°; λ_m^{1%} = 295 nm (A_{1 cm}^{1%} 2.0 EtOH); soluble in H₂O, EtOH, C₆H₆, CHCl₃. Hoffmann-LaRoche Inc.

9404 Midaflur

23757-42-8

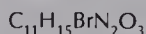


4-Amino-2,2,5,5-tetrakis(trifluoromethyl)-3-imidazoline.

EXP-338. Sedative/hypnotic. DuPont Merck Pharmaceutical Co.

9405 Narcobarbital

125-55-3 6509



5-(2-Bromo-2-propenyl)-1-methyl-5-(1-methylethyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

enibomal. Sedative/hypnotic. mp = 115°; sparingly soluble in H₂O; soluble in EtOH, MeOH, C₅H₅N. Riedel de Haen.

9406 Narcobarbital Sodium Salt

3329-16-6 6509 222-050-4

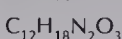


5-(2-Bromo-2-propenyl)-1-methyl-5-(1-methylethyl)-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt.

Eunarcon; Narcotal. Sedative/hypnotic. Soluble in H₂O. Riedel de Haen.

9407 Neobarbital

561-83-1 6516 209-224-5

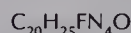


5-(2,2-Dimethylpropyl)-5-(2-propenyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

neallymal; Nevental; nealbarbitone; Censedal. Sedative/hypnotic. mp = 155-157°; insoluble in H₂O, petroleum ether; moderately soluble in CHCl₃; freely soluble in EtOH, Et₂O, Me₂CO. Pharmacia & Upjohn, Inc.

9408 Niaprazine

27367-90-4 6576 248-431-5

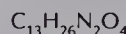


N-[3-[4-(p-Fluorophenyl)-1-piperazinyl]-1-methylpropyl]nicotinamide.

1709 CERM; Nopron. Sedative/hypnotic. mp = 131°; LD₅₀ (mus orl) = 890 mg/kg, (mus iv) = 145°. C.E.R.M.

9409 Nisobamate

25269-04-9

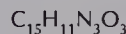


2-(Hydroxymethyl)-2,3-dimethylpentyl isopropylcarbamate carbamate (ester).

W-1015. Sedative/hypnotic. Wallace Labs.

9410 Nitrazepam

146-22-5 6667 205-665-2



1,3-Dihydro-7-nitro-5-phenyl-2H-1,4-benzodiazepin-2-one.

Mogadon; 4-5360; 5-3059; NSC-58775. Anticonvulsant and sedative/hypnotic. mp = 224-226°; λ_m 277.5 nm (ε_{1 cm}^{1%} 1500 0.1N H₂SO₄); soluble in EtOH, Me₂CO, CHCl₃, EtOAc; insoluble in H₂O, Et₂O, C₆H₆, C₆H₁₄; LD₅₀ (rat orl) = 825 ± 80 mg/kg. Hoffmann-LaRoche Inc.

9411 Noreximide

6319-06-8



cis-Exo-5-Norbornene-2,3-dicarboximide.

Sedative.

9412 Novonal

512-48-1 6820 208-143-2



2,2-Diethyl-4-pentenamide.

Epinoval. Sedative/hypnotic. mp = 75-76°; soluble in H₂O (8.3 g/100 ml), EtOH, Et₂O.

9413 Opium

6986

gum opium; crude opium. air-dried, milky exudate from incised unripe capsules of *Papaver somniferum*. Contains about 20 alkaloids, the most important being morphine (10-16%). Others are noscapine (4-8%), codeine (0.8-2.5%), papaverine (0.5-2.5%) and thebaine (0.5-2%). Sedative/hypnotic.

9414 Paraldehyde

123-63-7 7160 204-639-8



2,4,6-Trimethyl-s-trioxane.

Paral. Sedative/hypnotic. mp = 12°; bp ≅ 124°; d₂₅²⁵ ≅ 0.994; soluble in H₂O (12.5 g/100 ml at 25°, 5.8 g/100 ml at 100°); soluble in EtOH, CHCl₃, Et₂O, oils; LD₅₀ (rat orl) = 1650 mg/kg. Forest Pharmaceuticals Inc.; Phillips.

9415 Pentaerythritol Chloral

78-12-6 7246



1,1',[2,2-Bis[(2,2,2-trichloro-1-hydroxyethoxy)methyl]-1,3-propanediylbis(oxy)]bis[2,2,2-trichloroethanol].

Petrichloral; Perichlor. Sedative/hypnotic. mp = 52-54°; soluble in H₂O, EtOAc, formamide, EtOH, CHCl₃, C₆H₆ (all > 30 g/100 ml), tetrachlorethylene, iPrOH (5 g/100 ml). *American Home Products.***9416 Pentobarbital**

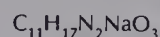
76-74-4 7272 200-983-8



5-Ethyl-5-(1-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

Neodorm; pentobarbitone; meubarbital. Sedative/hypnotic. mp = 129-130°. *Abbott Labs.***9417 Pentobarbital Calcium Salt**

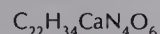
7563-42-0 7272 231-460-2



5-Ethyl-5-(1-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione calcium salt.

pentobarbital calcium; Repocal. Sedative/hypnotic. *Abbott Labs.***9418 Pentobarbital Sodium**

57-33-0 7272 200-323-9



5-Ethyl-5-(1-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt.

Nembutal; pentobarbital sodium; soluble pentobarbital; Carbrital; Narcoren; Pentone; Praecicalm; Somnopentyl; Sopental; component of: Beuthanasia-D, Carbrital, Sedalixir. Sedative/hypnotic. mp $\approx$ 127° (dec); freely soluble in H₂O, EtOH; insoluble in C₆H₆, Et₂O; LD₅₀ (rat orl) = 118 mg/kg. *Abbott Labs.*; *Marion Merrell Dow Inc.*; *Parke-Davis*; *Schering-Plough Animal Health*; *Wyeth-Ayerst Labs.***9419 tert-Pentyl Alcohol**

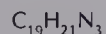
75-85-4 7282 200-908-9



2-Methyl-2-butanol.

dimethyl ethyl carbinol; amylene hydrate; t-amyl alcohol. Sedative/hypnotic. bp₇₆₅ = 102.5°; mp = -9.0°; d²⁰ = 0.8084; soluble in H₂O (12.5 g/100 ml), EtOH, Et₂O, C₆H₆, CHCl₃, glycerol, oils; LD₅₀ (rat orl) = 1000 mg/kg.**9420 Perlapine**

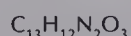
1977-11-3 7320



6-(4-Methyl-1-piperazinyl)morphanthridine.

AW-142333; HF-2333; MP-11; Hypnodin. Sedative/hypnotic. mp = 136-138°; LD₅₀ (mus orl) = 415 mg/kg. *Sandoz Pharmaceuticals Corp.*; *Wander Pharma.***9421 Phenallymal**

115-43-5 7349 204-089-9

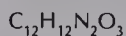


5-Phenyl-5-(2-propenyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

phenallymaium; alphenal; prophenal; Alphenate; Allofenyl; Fenallymal. Sedative/hypnotic. mp = 156-

157.5°; readily soluble in EtOH, CHCl₃; soluble in H₂O (0.17 g/100 ml), Et₂O (10 g/100 ml), C₆H₆ (0.2 g/100 ml), CCl₄ (0.025 g/100 ml), petroleum ether (0.0057 g/100 ml).**9422 Phenobarbital**

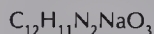
50-06-6 7386 200-007-0



5-Ethyl-5-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione.

Eskabarb; Luminal; Solfoton Talpheno; Agrypnal; Barbiphenyl; Barbipil; Gardenal; Phenobal; component of: Antrocol, Barbidonna, Bronkotabs, Chardonna-2, Donnatal, Donnazyme, Hydantal, Kinesed, Levsin PB Drops and Tablets, Quadrinal, Tedral. Sedative/hypnotic. mp = 174-178°; λ_m = 240 nm ($A_{1\text{ cm}}^{1\%}$ 431 pH 10), 256 nm ($A_{1\text{ cm}}^{1\%}$ 314 0.1N NaOH); soluble in H₂O (0.1 g/100 ml), EtOH (1.25 g/100 ml), CHCl₃ (2.5 g/100 ml), Et₂O (0.77 g/100 ml), C₆H₆ (0.14 g/100 ml); LD₅₀ (rat orl) = 162 $\pm$ 14 mg/kg. *Robins, A.H. Co.*; *ECR Pharmaceuticals*; *Knoll Pharmaceutical Co.*; *Marion Merrell Dow Inc.*; *Parke-Davis*; *Sandoz Pharmaceuticals Corp.*; *Schwarz Pharma Kremers Urban Co.*; *SmithKline Beecham Pharmaceuticals*; *Sterling Winthrop, Inc.*; *Wallace Labs.*; *Zeneca Pharmaceuticals.***9423 Phenobarbital Sodium Salt**

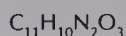
57-30-7 7386 200-322-3



5-Ethyl-5-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt.

Luminal Sodium; sol phenobarbital; sol phenobarbitone. Sedative/hypnotic. Soluble in H₂O (100 g/100 ml), EtOH (10 g/100 ml), insoluble in Et₂O, CHCl₃; LD₅₀ (rat orl) = 660 mg/kg. *Sterling Winthrop, Inc.*; *Wyeth-Ayerst Labs.***9424 Phenylmethylbarbituric Acid**

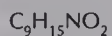
76-94-8 7457 200-994-8



5-Methyl-5-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione.

Rutonal. Anticonvulsant and sedative/hypnotic. mp = 226°; insoluble in H₂O; soluble in EtOH, Et₂O. *Bayer Corp.*, *Pharmaceutical Div.***9425 Piperidione**

77-03-2 7622 200-999-5



3,3-Diethyl-2,4-piperidinedione.

dihypropylone; Sedulon; Tusseval. Antitussive and sedative/hypnotic. mp = 102-107°; freely soluble in H₂O, EtOH, CHCl₃.**9426 Potassium Bromide**

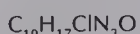
7758-02-3 7780 231-830-3



Hydrobromic acid potassium salt.

Sedative/hypnotic. mp = 730°; d = 2.75; soluble in H₂O (66 g/100 ml at 25°, 100 g/100 ml at 100°), EtOH (0.4 g/100 ml), glycerol (21.7 g/100 ml).**9427 Prazepam**

2955-38-6 7895 220-975-8

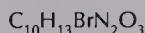


7-Chloro-1-(cyclopropylmethyl)-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one.

Centrax; Verstran; W-4020; Demetrin; Lysanxia; Prazeene; Sedapran; SettimaTrepidant. Anxiolytic and sedative/hypnotic. mp = 145-146°. *Parke-Davis*.

9428 Propallylonal

545-93-7 7980 208-896-7

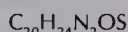


5-(2-Bromo-2-propenyl)-5-(1-methylethyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

Noctal. Sedative/hypnotic. mp = 177-179°; slightly soluble in H_2O ; soluble in Et_2O , CHCl_3 , C_6H_6 ; freely soluble in EtOH , Me_2CO , AcOH ; MLD (rbt orl) = 300-350 mg/kg.

9429 Propiomazine

362-29-8 8007 206-646-1



1-[10-[2-(Dimethylamino)propyl]-10H-phenothiazin-2-yl]-1-propanone.

Wy-1359; propionylpromethazine. Sedative/hypnotic. bp_{0.5} = 235-245°; [maleate ($\text{C}_{24}\text{H}_{28}\text{N}_2\text{O}_5\text{S}$; CB-1678; Indorm; Propavan)]; mp = 160-161°. *Wyeth-Ayerst Labs*.

9430 Propiomazine Hydrochloride

1240-15-9 8007

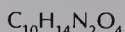


1-[10-[2-(Dimethylamino)propyl]-10H-phenothiazin-2-yl]-1-propanone hydrochloride.

Largon. Sedative/hypnotic. Very soluble in H_2O , EtOH , insoluble in C_6H_6 . *Wyeth-Ayerst Labs*.

9431 Proxibarbital

2537-29-3 8091 219-803-4



5-Allyl-5-(2-hydroxypropyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

proxibarbital; HH-184; Axen; Centralgol; Centralgyl; lpronal. Sedative/hypnotic. mp = 157-158°, 166.5-168.5°; moderately soluble in H_2O . *Hommel GmbH*.

9432 Pyrithyldione

77-04-3 8179 201-000-5

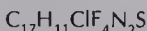


3,3-Diethyl-2,4(1H,3H)-pyridinedione.

Presidon; Persedon; Tetridin; Benedorm. Sedative/hypnotic. Three crystal modifications, mp = 92-93°, 97-98°, 81-86°; bp₁₄ = 187-189°; moderately soluble in H_2O , freely soluble in polar organic solvents. *Hoffmann-LaRoche Inc*.

9433 Quazepam

36735-22-5 8211 253-179-4

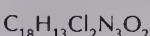


7-Chloro-5-(o-fluorophenyl)-1,3-dihydro-1-(2,2,2-trifluoroethyl)-2H-1,4-benzodiazepine-2-thione.

Dormalin; Sch-16134; Doral; Oniria; Prosedar; Quazium; Selebam. Sedative/hypnotic. mp = 137.5-139°; LD₅₀ (mus iv) > 1370 mg/kg, (mus orl) > 1500 mg/kg, (mmus ip) = 845 mg/kg, (fms ip) = 921 mg/kg, (mrat ip) = 3072 mg/kg, (frat ip) = 2749 mg/kg. *Schering Corp*.

9434 Reclazepam

76053-16-2

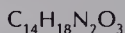


2-[7-Chloro-5-(o-chlorophenyl)-2,3-dihydro-1H-1,4-benzodiazepin-1-yl]-2-oxazolin-4-one.

6C-33963. Sedative/hypnotic. *Searle, G.D., & Co*.

9435 Reposal

3625-25-0 8306

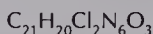


5-Bicyclo[3.2.1]oct-2-en-3-yl-5-ethyl-2,4,6(1H,3H,5H)-pyrimidinetrione.

WT-161; Reposamal. Sedative/hypnotic. mp = 213°; LD₅₀ (mus ip) = 175 mg/kg. *Calanda Stiftung*.

9436 Rilmazafone

99593-25-6 8387

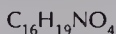


5-[(2-Aminoacetamido)methyl]-1-[4-chloro-2-(o-chlorobenzoyl)phenyl]-N,N-dimethyl-1H-1,2,4-triazole-3-carboxamide.

Sedative/hypnotic. [hydrochloride dihydrate ($\text{C}_{21}\text{H}_{21}\text{Cl}_3\text{N}_6\text{O}_3 \cdot 2\text{H}_2\text{O}$; 450191-S, Rhythmyl)]; mp = 107°; LD₅₀ (mus orl) > 1500 mg/kg. *Shionogi & Co., Ltd*.

9437 Roletamide

10078-46-3

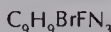


3',4',5'-Trimethoxy-3-(3-pyrrolin-1-yl)acrylophenone.

CL-59112. Sedative/hypnotic.

9438 Romifidine

65896-16-4

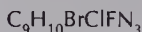


2-(2-Bromo-6-fluoroanilino-2-imidazoline).

STH-2130. α -Adrenergic agonist; sedative (veterinary). *Boehringer Ingelheim Pharmaceuticals, Inc*.

9439 Romifidine Hydrochloride

65896-14-2

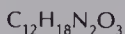


2-(2-Bromo-6-fluoroanilino-2-imidazoline hydrochloride).

STH-2130-Cl; Sedivet. α -Adrenergic agonist; sedative (veterinary). *Boehringer Ingelheim Pharmaceuticals, Inc*.

9440 Secobarbital

76-73-3 8563 200-982-2

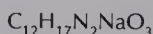


5-Allyl-5-(1-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

Seconal; component of: Hyptan. Short acting sedative/hypnotic. mp = 100°. *Eli Lilly & Co.; Wallace Labs*.

9441 Secobarbital Sodium

309-43-3 8563 206-218-4



5-Allyl-5-(1-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt.

meballymal sodium; quinalbarbitone sodium; Barbosec; Immenoctal; Pramyl; Quinalspan; Sedutain; Seconal Sodium; seotalnatrium. Short acting sedative/hypnotic. Very soluble in H_2O , soluble in EtOH , insoluble in Et_2O ; LD₅₀ (rat orl) = 125 mg/kg. *Eli Lilly & Co.; Wyeth-Ayerst Labs*.

9442 Sodium Bromide

7647-15-6 8737 231-599-9

BrNa

Hydrobromic acid sodium salt.

Sedoneural. Sedative/hypnotic. mp = 755°; d = 3.21; soluble in H₂O (91 g/100 ml), EtOH (6.25 g/100 ml), MeOH (16.6 g/100 ml); crystallizes as a dihydrate; LD₅₀ (rat orl) = 3500 mg/kg.

9443 Sulfonethylmethane

76-20-0 9131 200-942-4

C₈H₁₈O₄S₂

2,2-Bis(ethylsulfonyl)butane.

methylsulfonyl; Trional. Sedative/hypnotic. mp = 74-76°; soluble in H₂O (0.5 g/100 ml at 20°, 3.3 g/100 ml at 100°), EtOH (12.5 g/100 ml), Et₂O.

9444 Sulfonmethane

115-24-2 9133 204-074-7

C₇H₁₆O₄S₂

2,2-Bis(ethylsulfonyl)propane.

sulfonyl; propane-diethylsulfone. Sedative/hypnotic. mp = 124-126°; bp = 300°; soluble in H₂O (0.27 g/100 ml at 20°, 6.25 g/100 ml at 100°), EtOH (1.67 g/100 ml at 20°, 33.3 g/100 ml at 76°), Et₂O (1.56 g/100 ml), CHCl₃ (9.1 g/100 ml), C₆H₆; insoluble in glycerol.

9445 Supidimide

49785-74-2 256-490-3

C₁₂H₁₂N₂O₄S

2-(2-Oxo-3-piperidyl)-1,2-benzisothiazoline-3-one-1,1-dioxide.

Derivative of thalidimide. Sedative; hypnotic.

9446 Suproclone

77590-92-2

C₂₂H₂₂ClN₅O₄S₂

4-Propionyl-1-piperazinecarboxylic acid, ester with (±)-6-(7-chloro-1,8-naphthyridin-2-yl)-2,3,6,7-tetrahydro-7-hydroxy-5H-p-dithiino[2,3-c]pyrrol-5-one.

Sedative/hypnotic.

9447 Taglutimide

14166-26-8

C₁₄H₁₆N₂O₄

cis-Endo-N-(2,6-Dioxo-3-piperidyl)-2,3-norboranedicarboximide.

K-2004. A glutarimide derivative. Sedative; hypnotic.

9448 Talbutal

115-44-6 9206 204-090-4

C₁₁H₁₆N₂O₃

5-Allyl-5-sec-butyl-2,4,6(1H,3H,5H)-pyrimidinetrione.

Lotusate. Sedative/hypnotic. mp = 108-110°; insoluble in H₂O, petroleum ether; soluble in EtOH, CHCl₃, Et₂O, Me₂CO, AcOH; LD₅₀ (rat orl) = 57.5 mg/kg. *Sterling Winthrop, Inc.*

9449 Temazepam

846-50-4 9285 212-688-1

C₁₆H₁₃ClN₂O₂

7-Chloro-1,3-dihydro-3-hydroxy-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one.

Restoril; Wy-3917; oxydiazepam; ER-115; K-3917; Ro-5-5354; Euhypnos; Euipnos; Gelthix; Levanxene; Levanxol; Normison; Perdorm; Planum; Remestan; Restoril.

Sedative/hypnotic. mp = 119-121°. *Hoffmann-LaRoche Inc.; Sandoz Pharmaceuticals Corp.*

9450 Tepirindole

72808-81-2

C₁₆H₁₉ClN₂

5-Chloro-3-(1,2,3,6-tetrahydro-1-propyl-4-pyridyl)indole.

HR-592. A derivative of indole. Nootropic; tranquilizer.

9451 Tetrabarbital

76-23-3 9324 200-946-6

C₁₂H₂₀N₂O₃

5-Ethyl-5-(1-ethylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.

JL-991; Butysal; Butysedal. Sedative/hypnotic. mp = 122°.

9452 Thalidomide

50-35-1 9390 200-031-1

C₁₃H₁₀N₂O₄

N-(2,6-Dioxo-3-piperidyl)phthalimide.

Kevadon; K-17; NSC-66847; Distaval; Softenon; Sedalis; Talimol; Pantosediv; Neurosedyn; Contergan. Formerly used as a sedative/hypnotic but discontinued because of its marked teratogenicity. mp = 269-271°; λ_m 220, 300 nm (pH 7); poorly soluble in H₂O (0.005 g/100 ml); sparingly soluble in H₂O, MeOH, EtOH, EtOAc, AcOH; very soluble in C₅H₅N, DMF, dioxane; insoluble in Et₂O, CHCl₃, C₆H₆. *Grünenthal; Marion Merrell Dow Inc.*

9453 Thioridazine

50-52-2 9497 200-044-2

C₂₁H₂₆N₂S₂

10-[2-(1-Methyl-2-piperidyl)ethyl]-2-(methylthio)phenothiazine.

Mellaril-S. Dopamine receptor blocker. Antipsychotic, used also as a sedative/hypnotic. mp = 72-74°; bp_{0.02} - 230°; λ_m 263, 314 nm (ε 38172, 4595 EtOH), 230, 263 nm (ε 20939, 45954 0.1N HCl), 313 nm (ε 5226 0.1N NaOH); insoluble in H₂O, soluble in EtOH 16.6 g/100 ml, CHCl₃ 123 g/100 ml, Et₂O (33.3 g/100 ml); LD₅₀ (rat orl) = 995 ± 39 mg/kg. *Sandoz Pharmaceuticals Corp.*

9454 Thioridazine Hydrochloride

130-61-0 9497 204-992-8

C₂₁H₂₇ClN₂S₂

10-[2-(1-Methyl-2-piperidyl)ethyl]-2-

(methylthio)phenothiazine monohydrochloride.

Mellaril; Aldazine; TP-21; Melleretten; Melleril; Mallorol; Novoridazine; Orsanil; Ridazin; Stalleril. Dopamine receptor blocker. Antipsychotic, used also as a sedative/hypnotic. mp = 158-160°; λ_m = 262, 310 nm (ε 41842, 3215 H₂O), 264, 310 nm (ε 41598, 3256 EtOH), 264 305 nm (ε 42371 5495 0.1N HCl), 263 nm (ε 18392 0.1N NaOH); soluble in H₂O (11.1 g/100 ml), EtOH (10 g/100 ml), MeOH, CHCl₃ (20 g/100 ml). *Sandoz Pharmaceuticals Corp.*

9455 Tracazolate

41094-88-6 255-214-9

C₁₆H₂₄N₄O₂

Ethyl 4-(butylamino)-1-ethyl-6-methyl-1H-pyrazolo[3,4-b]pyridine-5-carboxylate.

ICI-136753. Sedative/hypnotic. *ICI.*

9456 Trepipam Maleate

39624-66-3 254-546-1
 $C_{23}H_{27}NO_6$
 (+)-2,3,4,5-Tetrahydro-7,8-dimethoxy-3-methyl-1-phenyl-1H-3-benzazepine maleate (1:1).
 Sch-12679; Trimopam Maleate. Sedative/hypnotic.
 Schering Corp.

9457 Triazolam

28911-01-5 9734 249-307-3
 $C_{17}H_{12}Cl_2N_4$
 8-Chloro-6-(o-chlorophenyl)-1-methyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine.
 Halcion; U-33030; Novodorm; Songar.
 Sedative/hypnotic. mp = 233-235°; LD₅₀ (mus orl) > 100 mg/kg, (rat orl) > 5000 mg/kg. *Pharmacia & Upjohn, Inc.*

9458 Tricetamide

363-20-2
 $C_{16}H_{24}N_2O_5$
 N-[(Diethylcarbamoyl)methyl]-3,4,5-trimethoxybenzamide.
 R-548. Sedative/hypnotic. *3M Health Care.*

9459 2,2,2-Trichloroethanol

115-20-8 9768 204-071-0
 $C_2H_3Cl_3O$
 Trichloroethyl alcohol.
 Sedative/hypnotic. mp = 18°; bp = 151-153°; d₂₀²⁰ = 1.55; soluble in H₂O (8.3 g/100 ml), EtOH, Et₂O; LD₅₀ (rat orl) = 600 mg/kg. *Callery Chemical.*

9460 Trichlorourethan

107-69-7 9778 203-511-9
 $C_3H_4Cl_3NO_2$
 2,2,2-Trichloroethanol carbamate.
 Sedative/hypnotic. mp = 64-65°; soluble in H₂O (1 g/100 ml), very soluble in CHCl₃, EtOH, Et₂O; soluble in C₆H₆; sparingly soluble in petroleum ether.

9461 Triclofos

306-52-5 9788 206-185-6
 $C_2H_4Cl_3O_4P$
 2,2,2-Trichlorethanol dihydrogen phosphate.
 trichloroethyl phosphate. Sedative/hypnotic. *Marion Merrell Dow Inc.; Schering Corp.*

9462 Triclofos Sodium

7246-20-0 9788 230-652-3
 $C_2H_3Cl_3NaO_4P$
 2,2,2-Trichlorethanol dihydrogen phosphate monosodium salt.
 Triclos; Sch-10159; Trichloryl; Tricloryl.
 Sedative/hypnotic. Soluble in H₂O, LD₅₀ (mus orl) = 1400 mg/kg. *Marion Merrell Dow Inc.; Schering Corp.*

9463 Trifluoperazine

117-89-5 9811 204-219-4
 $C_{21}H_{24}F_3N_3S$
 10-[3-(4-Methyl-1-piperazinyl)propyl]-2-(trifluoromethyl)phenothiazine.
 Antipsychotic, used also as a sedative/hypnotic. bp_{0.6} = 202-210°; λ_m 258, 307.5 (log ε 4.50 3.50 EtOH); LD₅₀ (rat orl) = 542.7 mg/kg, (mus orl) = 424.0 mg/kg. *SmithKline*

Beecham Pharmaceuticals.

9464 Trifluoperazine Dihydrochloride

440-17-5 9811 207-123-0
 $C_{21}H_{26}Cl_2F_3N_3S$
 10-[3-(4-Methyl-1-piperazinyl)propyl]-2-(trifluoromethyl)phenothiazine dihydrochloride.
 Stelazine; triftazin; triphthasine; Eskazinyl; Eskazine; Jatroneural; Modalina; Terfluzine. Antipsychotic, used also as a sedative/hypnotic. mp = 242-243°; freely soluble in H₂O, insoluble in Et₂O, C₆H₆. *SmithKline Beecham Pharmaceuticals.*

9465 Trimetozine

635-41-6 9850 211-236-0
 $C_{14}H_{19}NO_5$
 4-(3,4,5-Trimethoxybenzoyl)morpholine.
 Abbott-22370; PS-2383; NSC-62939; V-7; Opalène; Trioxazine. Sedative/hypnotic. mp = 120-122°, slightly soluble in H₂O, EtOH. *Abbott Labs.*

9466 Uldazepam

28546-58-9
 $C_{18}H_{15}Cl_2N_3O$
 2-[(Allyloxy)amino]-7-chloro-5-(o-chlorophenyl)-3H-1,4-benzodiazepine.
 U-31920. Sedative/hypnotic.

9467 Valofane

3258-51-3 221-857-9
 $C_{10}H_{14}N_2O_4$
 (3-Allyltetrahydro-5-methyl-2-oxo-3-furoyl)urea.
 valofan. Atypical barbiturate. A tautomer (and prodrug) of proxibarbal.

9468 Valtrate

18296-44-1 242-174-2
 $C_{22}H_{30}O_8$
 1,7a-Dihydro-1,6-dihydroxyspiro[cyclopenta[c]pyran-7-(6H),2'-oxirane]-4-methanol 4-acetate 1,6-diisovalerate.
 One of the valepotriates (present in various *Valeriana* species), a group of chemically unstable iridoid triesters possessing sedative activity. Sedative.

9469 Vinbarbital Sodium

125-44-0 10118
 $C_{11}H_{15}N_2NaO_3$
 5-Ethyl-5-(1-methyl-1-butenyl)-2,4,6(1H,3H,5H)-pyrimidinetrione.
 Delvinal Sodium. Sedative/hypnotic. Slightly soluble in Et₂O, CHCl₃; LD₅₀ (rat orl) = 130 mg/kg; [free acid (C₁₁H₁₅N₂O₃)]: mp = 161-163°. *Merck & Co., Inc.*

9470 Vinylbital

2430-49-1 10131 219-395-8
 $C_{11}H_{16}N_2O_3$
 5-(1-Methylbutyl)-5-vinyl-2,4,6(1H,3H,5H)-pyrimidinetrione.
 JD-96; butyvinyl; Speda; Optanox. Sedative/hypnotic. mp = 90-91.5°.

9471 Zaleplon

151319-34-5
 $C_{17}H_{15}N_5O$
 3'-(3-Cyanopyrazolo[1,5-α]pyrimidin-7-yl)-N-

ethylacetanilide.
CL-284846. Sedative/hypnotic.

[2-[4-(α,α,α -Trifluoro-m-tolyl)-1-piperazinyl]ethyl]urea.
Serenic.

9472 Zolazepam

31352-82-6
 $C_{15}H_{15}FN_4O$
4-(o-Fluorophenyl)-6,8-dihydro-1,3,8-trimethylpyrazolo[3,4-e][1,4]diazepin-7(1H)-one.
Sedative/hypnotic. Parke-Davis.

9473 Zolazepam Hydrochloride

33754-49-3 251-668-7
 $C_{15}H_{16}ClFN_4O$
4-(o-Fluorophenyl)-6,8-dihydro-1,3,8-trimethylpyrazolo[3,4-e][1,4]diazepin-7(1H)-one hydrochloride.
Cl-716; component of: Telazol. Sedative/hypnotic. Parke-Davis.

9474 Zolpidem

82626-48-0 10321
 $C_{19}H_{21}N_3O$
N,N,6-Trimethyl-2-p-tolylimidazo[1,2-a]pyridine-3-acetamide.
SL-800750. Sedative/hypnotic. mp = 196°. Synthelabo Pharmacie.

9475 Zolpidem Tartrate

99294-93-6 10321
 $C_{42}H_{48}N_6O_8$
N,N,6-Trimethyl-2-p-tolylimidazo[1,2-a]pyridine-3-acetamide L-(+)-tartrate (2:1).
SL-800750-23N; Ambien; Ivadal; Niotal; Stilnoct; Stilnox.
Sedative/hypnotic. Soluble in H_2O (2.3 g/100 ml). Synthelabo Pharmacie.

9476 Zopiclone

43200-80-2 10324 256-138-9
 $C_{17}H_{17}ClN_6O_3$
4-Methyl-1-piperazinecarboxylic acid ester with 6-(5-chloro-2-pyridyl)-6,7-dihydro-7-hydroxy-5H-pyrrolo[3,4-b]pyrazin-5-one.
RP-27267; Amoban; Amovane; Imovance; Imovane; Sopivan; Zimovane. Sedative/hypnotic. mp = 178°. Rhône-Poulenc Rorer Pharmaceuticals Inc.

Serenics

9477 Eltoprazine

98224-03-4 3592
 $C_{12}H_{16}N_2O_2$
1-(1,4-Benzodioxan-5-yl)piperazine.
Serotonin receptor agonist. Serenic. Philips-Duphar B.V.

9478 Eltoprazine Hydrochloride

98206-09-8 3592
 $C_{12}H_{17}ClN_2O_2$
1-(1,4-Benzodioxan-5-yl)piperazine hydrochloride.
DU-28853. Serotonin receptor agonist. Serenic. mp = 256-258°; soluble in H_2O (19 g/100 ml). Philips-Duphar B.V.

9479 Fluprazine

76716-60-4
 $C_{14}H_{19}F_3N_4O$

Serotonin Receptor Agonists

9480 Buspirone

36505-84-7 1528 253-072-2
 $C_{21}H_{31}N_5O_2$
N-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-1,1-cyclopentanediacetamide hydrochloride.
Serotonin receptor agonist. Nonbenzodiazepine anxiolytic, used as a minor tranquillizer. Mead Johnson Pharmaceuticals.

9481 Buspirone Hydrochloride

33386-08-2 1528 251-489-4
 $C_{21}H_{32}ClN_5O_2$
N-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-1,1-cyclopentanediacetamide hydrochloride.
Ansial; Ansiced; Axoren; Bespar; Buspar; Buspimem; Buspinol; Buspisal; Censpar; Lucelan; Narol; Travin.
Serotonin receptor agonist. Nonbenzodiazepine anxiolytic, used as a minor tranquillizer. mp = 201.5-202.5°; LD₅₀ (rat ipr) = 136 mg/kg. Mead Johnson Pharmaceuticals.

9482 Dihydroergotamine

511-12-6 3217 208-123-3
 $C_{33}H_{37}N_5O_5$
9,10-Dihydro-12'-hydroxy-2'-methyl-5'-(phenylmethyl)-ergotoman-3',6',18-trione.
Serotonin receptor agonist. Antiadrenergic and antimigraine. mp = 239°; $[\alpha]_D^{20}$ = -64°, $[\alpha]_{546}^{20}$ = -79° (c = 0.5 C_5H_5N); insoluble in H_2O ; sparingly soluble in EtOH, MeOH, $CHCl_3$, C_6H_6 . Sandoz Pharmaceuticals Corp.

9483 Dihydroergotamine Methanesulfonate

6190-39-2 3217 228-235-6
 $C_{34}H_{41}N_5O_8S$
9,10-Dihydro-12'-hydroxy-2'-methyl-5'-(phenylmethyl)-ergotoman-3',6',18-trione monomethanesulfonate.
DHE-45; Agit; Angionorm; Dergotamine; DET MS; D.H.E. 45; Diergo; Dihydrogot; Dirgotarl; Endophleban; Ergomimet; Ergont; Ergotonin; Ikaran; Migranal; Morena; Orstanorm; Séglor; Tonopres; Verladyn. Serotonin receptor agonist. Antiadrenergic and antimigraine. mp = 230-235°; moderatley soluble in H_2O . Sandoz Pharmaceuticals Corp.

9484 Eltoprazine

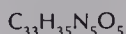
98224-03-4 3592
 $C_{12}H_{16}N_2O_2$
1-(1,4-Benzodioxan-5-yl)piperazine.
Serotonin receptor agonist. Serenic. Philips-Duphar B.V.

9485 Eltoprazine Hydrochloride

98206-09-8 3592
 $C_{12}H_{17}ClN_2O_2$
1-(1,4-Benzodioxan-5-yl)piperazine hydrochloride.
DU-28853. Serotonin receptor agonist. Serenic. mp = 256-258°; soluble in H_2O (19 g/100 ml). Philips-Duphar B.V.

9486 Ergotamine

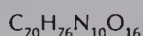
113-15-5 3703 204-023-9

(5' α)-12'-Hydroxy-2'-methyl-5'-(phenylmethyl)-ergotoman-3',6',18-trione.

Ergoton-A [as succinate]. Serotonin receptor agonist. Analgesic, specific to migraine. Antimigraine. Dec 212-214°; $[\alpha]_D^{20} = -160^\circ$ (CHCl₃); insoluble in H₂O, petroleum ether; soluble in MeOH (1.4 g/100 ml), EtOH (0.33 g/100 ml), Me₂CO (0.67 g/100 ml); freely soluble in CHCl₃, C₅H₅N, AcOH; soluble in EtOAc; slightly soluble in C₆H₆; [hydrochloride]: mp = 212° (dec). *3M Pharmaceuticals; Fisons Corp.; Organon Inc.; Parke-Davis; Sandoz Pharmaceuticals Corp.*

9487 Ergotamine Tartrate

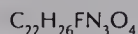
379-79-3 3703 206-835-9

(5' α)-12'-Hydroxy-2'-methyl-5'-(phenylmethyl)ergotoman-3',6',18-trione [R-(R*,R*)]-2,3-dihydroxybutanedioate (2:1) (salt).

Ergomar; Ergate; Ergotartrat; Ergostat; Exmigra; Femergin; Gynergen; Medihaler Ergotamine; Lingraine; Lingran; component of: Cafergot, Wigraine. Serotonin receptor agonist. Analgesic, specific to migraine. Antimigraine. Has also been used as an oxytocic. mp = 203° (dec); $[\alpha]_D^{25} = -125^\circ$ to -155° (c = 0.4 CHCl₃); soluble in H₂O (0.2 g/100 ml), EtOH (0.2 g/100 ml); LD₅₀ (mus iv) = 62 mg/kg, (rat iv) = 80 mg/kg. *3M Pharmaceuticals; Fisons Corp.; Organon Inc.; Parke-Davis; Sandoz Pharmaceuticals Corp.*

9488 Flesinoxan

98206-10-1 4138

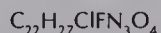


(+)-(S)-p-Fluoro-N-[2-[4-[2-(hydroxymethyl)-1,4-benzodioxan-5-yl]-1-piperazinyl]ethyl]benzamide.

Serotonin receptor agonist. Anxiolytic. Serotonin 5-HT_{1A} receptor agonist. *Solvay Duphar B.V.*

9489 Flesinoxan Hydrochloride

98205-89-1 4138



(+)-(S)-p-Fluoro-N-[2-[4-[2-(hydroxymethyl)-1,4-benzodioxan-5-yl]-1-piperazinyl]ethyl]benzamide hydrochloride.

DU-29373. Serotonin receptor agonist. Anxiolytic. Serotonin 5-HT_{1A} receptor agonist. mp = 184.5 - 185.5°, 183 - 184°; $[\alpha]_D = 25^\circ$ (c = 1 MeOH); freely soluble in H₂O, sparingly soluble in EtOH. *Solvay Duphar B.V.*

9490 Ipsapirone

95847-70-4 5096



2-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-1,2-benzisothiazolin-3-one 1,1-dioxide.

Ipsapirone. Serotonin receptor agonist. Non-benzodiazepine anxiolytic. mp = 137-138°. *Bayer AG.*

9491 Ipsapirone Hydrochloride

92589-98-5 5096

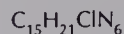


2-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-1,2-benzisothiazolin-3-one 1,1-dioxide monohydrochloride.

Bay q 7821; TVX Q 7821. Serotonin receptor agonist. Non-benzodiazepine anxiolytic. mp = 221-222°. *Bayer AG.*

9492 Lesopitron

132449-46-8 5470

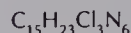


2-[4-[4-(4-Chloropyrazol-1-yl)butyl]-1-piperazinyl]pyrimidine.

Serotonin receptor agonist. Anxiolytic. Selective serotonin 5HT_{1A} receptor agonist. *Esteve Group.*

9493 Lesopitron Dihydrochloride

132449-89-9 5470

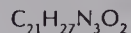


2-[4-[4-(4-Chloropyrazol-1-yl)butyl]-1-piperazinyl]pyrimidine dihydrochloride.

E-4424. Serotonin receptor agonist. Anxiolytic. Selective serotonin 5HT_{1A} receptor agonist. mp = 194-197.5°. *Esteve Group.*

9494 Methysergide

361-37-5 6217 206-644-0

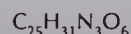


(+)-9,10-Didehydro-N-[1-(hydroxymethyl)propyl]-1-methyl-D-lysergamide.

UML-491. Serotonin receptor agonist. Vasoconstrictor, specific to migraine. Antimigraine. mp = 194-196°; $[\alpha]_D^{20} = -45^\circ$ (c = 0.5 C₅H₅N); [dimaleate]: mp = 165°; soluble in MeOH, less soluble in H₂O, insoluble in EtOH. *Sandoz Pharmaceuticals Corp.*

9495 Methysergide Hydrogen Maleate

129-49-7 6217 204-950-9

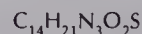


(+)-9,10-Didehydro-N-[1-(hydroxymethyl)propyl]-1-methyl-D-lysergamide hydrogen maleate.

Sansert; Deseril; Désernil. Serotonin receptor agonist. Vasoconstrictor, specific to migraine. Antimigraine. *Sandoz Pharmaceuticals Corp.*

9496 Sumatriptan

103628-46-2 9172

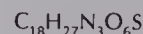


3-[2-(Dimethylamino)ethyl]-N-methylindole-5-methanesulfonamide.

Serotonin receptor agonist. Serotonin 5HT₁ receptor agonist. Antimigraine. mp = 169-171°. *Glaxo Wellcome Inc.*

9497 Sumatriptan Succinate

103628-48-4 9172

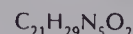


3-[2-(Dimethylamino)ethyl]-N-methylindole-5-methanesulfonamide succinate (1:1).

Imitrex; GR-43175C. Serotonin receptor agonist. Serotonin 5HT₁ receptor agonist. Antimigraine. mp = 165-166°. *Glaxo Wellcome Inc.*

9498 Tandospirone

87760-53-0 9219



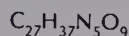
Hexahydro-2-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]-4,7-methano-1H-isindole-1,3(2H)-dione.

Serotonin receptor agonist. Anxiolytic and antidepressant.

mp = 112-113.5°. *Pfizer Inc.*

9499 Tandospirone Citrate

112457-95-1 9219

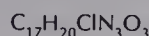


(3 α ,4 β ,7 β ,7 $\alpha\alpha$)-Hexahydro-2-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]-4,7-methano-1H-isoindole-1,3(2H)-dione 2-hydroxy-1,2,3-propanetricarboxylate (1:1). SM-3997. Serotonin receptor agonist. Anxiolytic and antidepressant. mp = 169.5-170°; [hydrochloride] mp = 227-229°. *Pfizer Inc.*

Serotonin Receptor Antagonists

9500 Azasetron

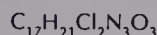
123040-69-7 933



($\pm$)-6-Chloro-3,4-dihydro-4-methyl-3-oxo-N-3-quinuclidinyl-2H-1,4-benzoxazine-8-carboxamide. nazasetron. Serotonin receptor antagonist. Anti-emetic. Specific serotonin 5HT₃ receptor antagonist. *Yoshitomi.*

9501 Azasetron Hydrochloride

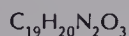
141922-90-9 933



($\pm$)-6-Chloro-3,4-dihydro-4-methyl-3-oxo-N-3-quinuclidinyl-2H-1,4-benzoxazine-8-carboxamide monohydrochloride. Y-25130; Serotone. Serotonin receptor antagonist. Specific serotonin 5HT₃ receptor antagonist. mp = 281° (dec), 305° (dec); LD₅₀ (mrat iv) = 135 mg/kg, (frat iv) = 132 mg/kg. *Yoshitomi.*

9502 Dolasetron

115956-12-2 3471



Indole-3-carboxylic acid ester with (8r)-hexahydro-8-hydroxy-2,6-methano-2H-quinolizin-3(4H)-one. MDL-73147. Serotonin receptor antagonist. Antiemetic and antimigraine. *Hoechst Marion Roussel Inc.*

9503 Dolasetron Mesylate

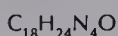
115956-13-3 3471



Indole-3-carboxylic acid ester with (8r)-hexahydro-8-hydroxy-2,6-methano-2H-quinolizin-3(4H)-one monomethanesulfonate. Anzemet; MDL-73147EF. Serotonin receptor antagonist. Antiemetic and antimigraine. mp = 278°. *Hoechst Marion Roussel Inc.*

9504 Granisetron

109889-09-0 4557



1-Methyl-N-(9-methyl-endo-9-azabicyclo[3.3.1]non-3-yl)-1H-imidazole-3-carboxamide. BRL-43694. Serotonin receptor antagonist. Specific serotonin 5HT₃ receptor antagonist. Used in treatment of nausea in cancer patients. *SmithKline Beecham Pharmaceuticals.*

9505 Granisetron Hydrochloride

107007-99-8 4557



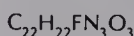
1-Methyl-N-(9-methyl-endo-9-azabicyclo[3.3.1]non-3-yl)-1H-imidazole-3-carboxamide hydrochloride.

BRL-43694A; Kytril. Serotonin receptor antagonist.

Specific serotonin 5HT₃ receptor antagonist. Used in treatment of nausea in cancer patients. mp = 290-292°. *SmithKline Beecham Pharmaceuticals.*

9506 Ketanserin

74050-98-9 5307 277-680-2



3-[2-[4-(p-Fluorobenzoyl)piperidino]ethyl]-2,4-(1H,3H)-quinazolinione. R-41468. Serotonin receptor antagonist. Specific serotonin 5HT₂-receptor antagonist used as an antihypertensive agent. mp = 227-235°; soluble in H₂O (0.001 g/100 ml), EtOH (0.038 g/100 ml), DMF (2.34 g/100 ml). *Janssen Pharmaceutical Inc.*

9507 Ketanserin Tartrate

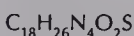
83846-83-7 5307 281-062-8



3-[2-[4-(p-Fluorobenzoyl)piperidino]ethyl]-2,4-(1H,3H)-quinazolinione tartrate. R-49945; Ket; Perketan; Serepress; Sufrexal. Serotonin receptor antagonist. Specific serotonin 5HT₂-receptor antagonist used as an antihypertensive agent. *Janssen Pharmaceutical Inc.*

9508 Mesulergine

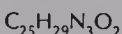
64795-35-3



N'-(1,6-Dimethylergolin-8 α -yl)-N,N-dimethylsulfamide. Serotonin 5-hydroxytryptamine (5-HT) receptor antagonist.

9509 Metergoline

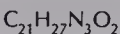
17692-51-2 5999 241-686-3



(+)-N-(Carboxy)-1-methyl-9,10-dihydrolysergamine benzyl ester. metergoline; FI-6337; MCE; Liserdol; Contralac; 529. Serotonin 5-hydroxytryptamine receptor antagonist; prolactin inhibitor. mp = 146-149°; [α]_D²⁸ = -7 $\pm$ 2°; λ_m = 291 nm (ϵ _{1cm}^{1%} 165; soluble in C₅H₅N, alcohol, Me₂OH CHCl₃; nearly insoluble in C₆H₆, H₂O, Et₂O; LD₅₀ (mus orl) = 430 mg/kg.

9510 Methysergide

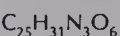
361-37-5 6217 206-644-0



(+)-9,10-Didehydro-N-[1-(hydroxymethyl)propyl]-1-methyl-D-lysergamide. UML-491. Serotonin receptor antagonist. Vasoconstrictor, specific to migraine. Antimigraine. mp = 194-196°; [α]_D²⁰ = -45° (c = 0.5 C₅H₅N); [dimaleate]: mp = 165°; soluble in MeOH, less soluble in H₂O, insoluble in EtOH. *Sandoz Pharmaceuticals Corp.*

9511 Methysergide Hydrogen Maleate

129-49-7 6217 204-950-9



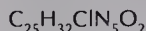
(+)-9,10-Didehydro-N-[1-(hydroxymethyl)propyl]-1-methyl-D-lysergamide hydrogen maleate.

Sansert; Deseril; Désernil. Serotonin receptor antagonist.

Vasoconstrictor, specific to migraine. Antimigraine.
Sandoz Pharmaceuticals Corp.

9512 Nefazodone

83366-66-9 6527

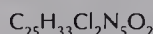


1-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-3-ethyl-4-(2-phenoxyethyl)- Δ^2 -1,2,4-triazolin-5-one.

Serotonin receptor antagonist. Antidepressant. mp = 83-84°. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

9513 Nefazodone Hydrochloride

82752-99-6 6527

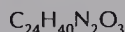


1-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-3-ethyl-4-(2-phenoxyethyl)- Δ^2 -1,2,4-triazolin-5-one monohydrochloride.

Serzone; MJ-13754-1; BMY-13754; Dutonin. Serotonin receptor antagonist. Antidepressant. mp = 181-182°; 186-187°, 175-177°. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

9514 Nexopamil

136033-49-3



(2S)-5-(Hexylmethylamino)-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile.

LU-49938. Serotonin 5-HT₂ receptor and calcium channel antagonist. A verapamil derivative.

9515 Ondansetron

116002-70-1 6979



(±)-2,3-Dihydro-9-methyl-3-[(2-methylimidazol-1-yl)methyl]carbazol-4(1H)-one.

Serotonin receptor antagonist. Anxiolytic, antiemetic and antischizophrenic. mp = 231-232°. *Glaxo Wellcome Inc.*

9516 Ondansetron Hydrochloride

103639-04-9 6979

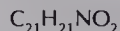


(±)-2,3-Dihydro-9-methyl-3-[(2-methylimidazol-1-yl)methyl]carbazol-4(1H)-one monohydrochloride dihydrate.

Zofran; GR-38032F. Serotonin receptor antagonist. Anxiolytic, antiemetic and antischizophrenic. mp = 178.5-179.5°. *Glaxo Wellcome Inc.*

9517 Oxetorone

26020-55-3 7068 247-411-3

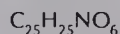


3-Benzofuro[3,2-c][1]benzoxepin-6(12H)-ylidene-N,N-dimethyl-1-propanamine.

Serotonin receptor antagonist. Antimigraine. *Labaz S.A.*

9518 Oxetorone Fumarate

34522-46-8 7068

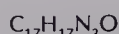


3-Benzofuro[3,2-c][1]benzoxepin-6(12H)-ylidene-N,N-dimethyl-1-propanamine fumarate.

L-6257; Nocertone; Oxedix. Serotonin receptor antagonist. Antimigraine. mp = 160°. *Labaz S.A.*

9519 Ramosetron

132036-88-5

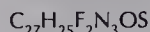


(-)-(R)-Methylindol-3-yl-4,5,6,7-tetrahydro-5-benzimidazolyl ketone.

† YM-060. Potent serotonin 5-HT₃-receptor antagonist.

9520 Ritanserin

87051-43-2 8399



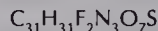
6-[2-[4-[Bis(p-fluorophenyl)methylene]piperidino]ethyl]-7-methyl-5H-thiazolo-[3,2-a]pyrimidin-5-one.

Tiserton; R-55667. Serotonin receptor antagonist.

Anxiolytic, antidepressant. mp = 145.5°; LD₅₀ (mmus iv) = 28.2 mg/kg, (mmus orl) = 626 mg/kg, (fmsus iv) = 28.2 mg/kg, (fmsus orl) = 993 mg/kg, (mrat iv) = 20.0 mg/kg, (mrat orl) = 856 mg/kg, (frat iv) = 22.2 mg/kg, (frat orl) = 515 mg/kg, (mdog iv) = 24.1 mg/kg, (mdog orl) = 1280 mg/kg, (fdog iv) = 33.2 mg/kg, (fdog orl) = 640-1280 mg/kg. *Janssen Pharmaceutical Inc.*

9521 Ritanserin L-Tartrate

93076-39-2 8399

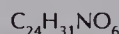


6-[2-[4-[Bis(p-fluorophenyl)methylene]piperidino]ethyl]-7-methyl-5H-thiazolo-[3,2-a]pyrimidin-5-one L-tartrate.

Serotonin receptor antagonist. Anxiolytic, antidepressant. mp = 198.7°. *Janssen Pharmaceutical Inc.*

9522 Sargogrelate

125926-17-2

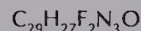


(±)-2-(Dimethylamino)-1-[[o-(m-methoxyphenethyl)-phenoxy]ethyl hydrogen succinate.

MCI-9042 [as hydrochloride]; Anplag [as hydrochloride]. A serotonin 2A (5-HT_{2A}) receptor antagonist. Antiplatelet agent. Antithrombotic.

9523 Seganserin

87729-89-3

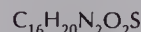


3-[2-[4-[Bis(p-fluorophenyl)methylene]piperidino]ethyl]-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one.

R-56413. A serotonin 5-HT₂ receptor antagonist.

9524 Tipindole

7489-66-9

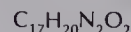


2-(Dimethylamino)ethyl 1,3,4,5-tetrahydrothiopyrano-[4,3-b]indole-8-carboxylate.

Serotonin receptor antagonist.

9525 Tropisetron

89565-68-4 9914

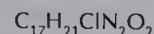


1 α H,5 α H-Tropan-3 α -yl indole-3-carboxylate.

ICS-205-930. Serotonin receptor antagonist. Anti-emetic. mp = 201-202°. *Sandoz Pharmaceuticals Corp.*

9526 Tropisetron Hydrochloride

105826-92-4 9914



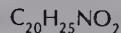
1 α H,5 α H-Tropan-3 α -yl indole-3-carboxylate hydrochloride.

Navoban; Novaban. Serotonin receptor antagonist. Anti-emetic. mp = 283-285°. *Sandoz Pharmaceuticals Corp.*

Serotonin Uptake Inhibitors

9527 Femoxetine

59859-58-4 3993

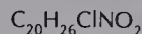


(+)-trans-3-[(p-Methoxyphenoxy)methyl]-1-methyl-4-phenylpiperidine.

Serotonin uptake inhibitor. Antidepressant. *Pierre Fabré*.

9528 Femoxetine Hydrochloride

56222-04-9 3993



(+)-trans-3-[(p-Methoxyphenoxy)methyl]-1-methyl-4-phenylpiperidine hydrochloride.

FG-4963; Malexil. Serotonin uptake inhibitor.

Antidepressant. LD₅₀ (fmus iv) = 48 mg/kg, (fmus sc) = 941 mg/kg, (fmus orl) = 1408 mg/kg, (mmus iv) = 45 mg/kg, (mmus sc) = 723 mg/kg, (mmus orl) = 1687 mg/kg. *Pierre Fabré*.

9529 Fluoxetine

54910-89-3 4222



(±)-N-Methyl-3-phenyl-3-[(α,α,α-trifluoro-p-tolyl)oxy]propylamine.

Serotonin uptake inhibitor. Antidepressant. *Eli Lilly & Co.; C.M. Industries*.

9530 Fluoxetine Hydrochloride

59333-67-4 4222



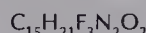
(±)-N-Methyl-3-phenyl-3-[(α,α,α-trifluoro-p-tolyl)oxy]propylamine hydrochloride.

LY-110140; Adofen; Fluctin; Fluoxeren; Fontex; Foxetin; Prozac; Reneuron. Serotonin uptake inhibitor.

Antidepressant. mp = 158-159°; slightly soluble in H₂O (<14 mg/ml), more soluble in organic solvents; λ_m = 227, 264, 268, 275 nm (E_{1cm}^{1%} 372, 29,29,22 MeOH); LD₅₀ (rat orl) = 452 mg/kg. *Eli Lilly & Co.; C.M. Industries*.

9531 Fluvoxamine

54739-18-3 4251

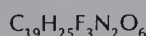


5-Methoxy-4'-(trifluoromethyl)valerophenone.

Serotonin uptake inhibitor. Antidepressant. mp = 232°; [hydrochloride (C₁₄H₁₆ClNO₃; Covalan; LD-2988)]: mp = 259-261°. *Solvay Pharmaceuticals*.

9532 Fluvoxamine Maleate

54739-18-3 4251



5-Methoxy-4'-(trifluoromethyl)valerophenone maleate.

DU-23000; MK-264; Dumirox; Faverin; Fevarin; Floxyfral; Luvox; Maveral. Serotonin uptake inhibitor. Antidepressant. mp = 120-121.5°. *Solvay Pharmaceuticals*.

9533 Indalpine

63758-79-2 4965



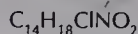
3-[2-(4-Piperidyl)ethyl]indole.

LM-5008; Upstene. Serotonin uptake inhibitor.

Antidepressant. [monohydrochloride (C₁₅H₂₁ClN₂)]: mp = 167°. *Mar-Pha Soc. Etud. Exploit. Marques*.

9534 Indeloxazine Hydrochloride

65043-22-3 4972

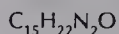


(±)-2-[(Inden-7-yloxy)methyl]morpholine hydrochloride.

CI-874; YM-08054-1; Elen; Noin. Serotonin uptake inhibitor. Antidepressant and nootropic. mp = 155-156°, 169-170°; LD₅₀ (mus iv) = 47 mg/kg; [(+)-form]: mp = 112-113°; [α]_D²¹ = 4.9° (c = 5 MeOH); [(-)-form]: mp = 142-142.5°; [α]_D²⁰ = -4.9° (c = 5 MeOH). *Yamanouchi U.S.A. Inc.*

9535 Milnacipran

92623-85-3 6281



cis-(±)-2-(Aminomethyl)-N,N-diethyl-1-phenylcyclopropanecarboxamide.

midalcipran. Serotonin uptake inhibitor. Antidepressant. *Pierre Fabré*.

9536 Milnacipran Hydrochloride

101152-94-7 6281

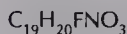


cis-(±)-2-(Aminomethyl)-N,N-diethyl-1-phenylcyclopropanecarboxamide hydrochloride.

F-2207. Serotonin uptake inhibitor. Antidepressant. mp = 179-181°; LD₅₀ (mus orl) = 237°. *Pierre Fabré*.

9537 Paroxetine

61869-08-7 7175

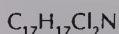


(-)-(3S,4R)-4-[(p-Fluorophenyl)-3-[(3,4-methylenedioxy)phenoxy)methyl]piperidine.

BRL-29060; FG-7051; Aropax; Paxil; Seroxat. Serotonin uptake inhibitor. Antidepressant. [hydrochloride (C₁₉H₂₁ClFNO₃)]: mp = 118°; [hydrochloride hemihydrate (C₁₉H₂₁ClFNO₃·0.5H₂O)]: mp = 129-131°; [maleate]: mp = 136-138°; [α]_D = -87° (c = 5 EtOH); LD₅₀ (mus sc) = 845 mg/kg, (mus orl) = 500 mg/kg. *SmithKline Beecham Pharmaceuticals; A/S Ferrosan*.

9538 Sertraline

79617-96-2 8612

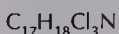


(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthylamine.

Serotonin uptake inhibitor. Antidepressant. *Roerig Div., Pfizer Pharmaceuticals*.

9539 Sertraline Hydrochloride

79559-97-0 8612

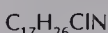


(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthylamine hydrochloride.

Lustral; Zoloft; CP-51974-1. Serotonin uptake inhibitor. Antidepressant. mp = 243-245°; [α]_D²³ = 37.9° (c = 2 MeOH). *Roerig Div., Pfizer Pharmaceuticals*.

9540 Sibutramine

106650-56-0 8629

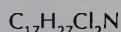


(±)-1-(p-Chlorophenyl)-α-isobutyl-N,N-dimethylcyclobutanemethylamine.

Monoamine, serotonin uptake inhibitor. Anorexic and antidepressant. *Boots Pharmaceuticals Inc.*

9541 Sibutramine Hydrochloride [anhydrous]

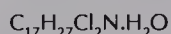
84485-00-7 8629



(±)-1-(p-Chlorophenyl)-α-isobutyl-N,N-dimethylcyclobutanemethylamine hydrochloride. Monoamine, serotonin uptake inhibitor. Anorexic and antidepressant. *Boots Pharmaceuticals Inc.*

9542 Sibutramine Hydrochloride Monohydrate

125494-59-9 8629



(±)-1-(p-Chlorophenyl)-α-isobutyl-N,N-dimethylcyclobutanemethylamine hydrochloride monohydrate. BTS-54524; Reductil; Meridia. Monoamine, serotonin uptake inhibitor. Anorexic and antidepressant. mp = 193-195.5°. *Boots Pharmaceuticals Inc.*

9543 Viqualine

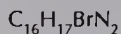
72714-74-0



6-Methoxy-4-[3-[(3R,4R)-3-vinyl-4-piperidyl]propyl]-quinoline. PK-5078. Used in treatment of alcoholism. Serotonin releaser and uptake inhibitor; antidepressant.

9544 Zimeldine

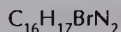
56775-88-3 10254



(Z)-3-[1-(p-Bromophenyl)-3-(dimethylamino)propenyl]-pyridine. zimelidine. Serotonin uptake inhibitor. Antidepressant. *Astra Hässle AB.*

9545 Zimeldine Dihydrochloride Monohydrate

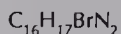
61129-30-4 10254



(Z)-3-[1-(p-Bromophenyl)-3-(dimethylamino)propenyl]-pyridine dihydrochloride monohydrate. Normud; Zelmid. Serotonin uptake inhibitor. Antidepressant. mp = 193°. *Astra Hässle AB.*

9546 Zimeldine Dihydrochloride [anhydrous]

60525-15-7 10254



(Z)-3-[1-(p-Bromophenyl)-3-(dimethylamino)propenyl]-pyridine dihydrochloride. Serotonin uptake inhibitor. Antidepressant. *Astra Hässle AB.*

Thrombolytics

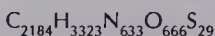
9547 Anistreplase

81669-57-0 712

p-Anisoylated derivative of the primary (human) lys-plasminogen streptokinase complex (1:1). BRL-26921; APSAC. Fibrinolytic. Thrombolytic enzyme. Complex of streptokinase and plasminogen. The catalytic site is blocked by anisoylation while the fibrin-binding site is unaffected. *SmithKline Beecham Pharmaceuticals.*

9548 Lanoteplase

171870-23-8



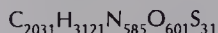
N-[N²-(N-Glycyl-L-alanyl)-L-arginyl]-117-L-glutamine-245-L-methionine-(1-5)-(87-527)-plasminogen activator

(human tissue type protein moiety).

BMS-200980; SUN-9216. Fibrinolytic. Thrombolytic enzyme. A tissue plasminogen activator protein derived from human t-PA by deletion of the fibronectin-like and EGF-like domains and mutation of Asn-117 to Gln-117. *Bristol-Myers Squibb Pharmaceutical Res. and Dev.*

9549 Nasaruplase

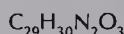
99821-44-0



Pro-urokinase (enzyme-activating) (human clone pA3/pD2/pF1 protein moiety), glycosylated. A plasminogen pro-activator. Thrombolytic.

9550 Octimibate

89838-96-0



8-[(1,4,5-Triphenylimidazol-2-yl)oxy]octanoic acid. BMY-22389. Nonprostanoid prostacyclin antagonist that inhibits platelet aggregation. Thrombolytic.

9551 Pamicogrel

101001-34-7



Ethyl 2-[4,5-bis(p-methoxyphenyl)-2-thiazolyl]pyrrole-1-acetate. Platelet antiaggregant.

9552 Plasmin

9001-90-5

7678

232-640-3

Human fibrinolysin. Actase; serum tryptase; Fibrinolysin; component of: Elase, Elase-Chloromycetin. Fibrinolytic. Thrombolytic enzyme. Enzyme obtained from human plasma by conversion of profibrinolysin to fibrinolysin with streptokinase. *Fujisawa USA, Inc.; Ortho Pharmaceutical Corp.; Parke-Davis; Cutter Labs.*

9553 Pro-Urokinase

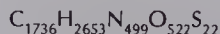
82657-92-9

8089

Prourokinase (enzyme-activating). scu-PA; pro-UK; pro u-PA; PUK; Sandolase; Thombolyse; Tomieze. Fibrinolytic. Thrombolytic enzyme. A single-chain proenzyme form of urokinase. *Genentech, Inc.*

9554 Reteplase

133652-38-7



173-L-Serine-174-L-tyrosine-175-L-glutamine-173-527-plasminogen activator (mutant of human tissue-type). BM-06022. Derived from human tissue plasminogen activator. Thrombolytic. Used in treatment of myocardial infarction. *Boehringer Mannheim GmbH.*

9555 Silteplase

131081-40-8



N-[N²-(N-glycyl-L-alanyl)-L-arginyl]plasminogen activator, glycoform. Reduced human tissue plasminogen activator. Non-glycosylated protein. Thrombolytic.

9556 Streptokinase

9002-01-1

8981

232-647-1

Streptococcal fibrinolysin. plasminokinase; Kabikinase; Streptase. Fibrinolytic. Thrombolytic enzyme. Coenzyme obtained from cultures

of various strains of *Streptococcus haemolyticus*. Activates plasminogen to produce plasmin which dissolves fibrin. *American Cyanamid; Pharmacia & Upjohn, Inc.; Astra Chemicals Ltd.*

9557 Tissue Plasminogen Activator

105857-23-6 9608

 $C_{2569}H_{389}N_{746}O_{781}S_{40}$
Fibrinokinase.

Alteplase; Activase; extrinsic plasminogen activator; t-PA; TPA; A 527-mer serine protease. Fibrinolytic. Thrombolytic enzyme. *Genentech, Inc.*

9558 Tulopafant

116289-53-3

 $C_{25}H_{19}N_3O_2S$

(+)-3'-Benzoyl-3-(3-pyridyl)-1H,3H-pyrrolo[1,2-c]thiazole-7-carboxanilide.

RP-59227. Platelet-activating factor antagonist. Thrombolytic.

9559 Urokinase

9039-53-6 10024 232-917-9
Abbokinase; Breokinase; Win-Kinase; Win-22005; Actosolv; Persolv; Purochin; Ukidan; Uronase. Fibrinolytic. Thrombolytic enzyme. A plasminogen activator isolated from human sources. *Abbott Labs.; Sterling Winthrop, Inc.*

Thromboxane Inhibitors**9560 Camonagrel**

105920-77-2

 $C_{15}H_{16}N_2O_3$

(±)-5-(2-Imidazol-1-ylethoxy)-1-indancarboxylic acid. A selective thromboxane synthase inhibitor.

9561 Daltroban

79094-20-5 2871

 $C_{16}H_{16}ClNO_4S$

[p-[2-(p-Chlorobenzenesulfonamido)ethyl]phenyl]acetic acid.

SK&F-96148; BM-13.505. Thromboxane synthetase inhibitor. Immunosuppressant and antithrombotic. *Boehringer Mannheim GmbH SmithKline Beecham Pharmaceuticals.*

9562 Isbogrel

89667-40-3 5120

 $C_{18}H_{19}NO_2$

(E)-7-Phenyl-7-(3-pyridyl)-6-heptenoic acid.

CV-4151. Thromboxane synthetase inhibitor. Antithrombotic. mp = 114-115°. *Takeda.*

9563 Ozagrel

82571-53-7 7115

 $C_{13}H_{12}N_2O_2$

(E)-p-(Imidazol-1-ylmethyl)cinnamic acid.

OKY-046; Cataclot [as ozagrel sodium ($C_{13}H_{11}N_2NaO_2$)]; Xanbon [as ozagrel sodium]. Thromboxane synthetase inhibitor. Antithrombotic. mp = 223-224°; [ozagrel sodium]: LD₅₀ (mmus iv) = 1940 mg/kg, (mmus orl) = 3800 mg/kg, (fmus sc) = 2450 mg/kg, (fmus iv) = 1580 mg/kg, (fmus orl) = 3600 mg/kg, (fmus sc) = 2100 mg/kg, (mrat iv) = 1150 mg/kg, (mrat orl) = 5900 mg/kg, (mrat sc)

= 2300 . *Kissei; Ono Pharmaceutical Co., Ltd.*

9564 Ózagrel Hydrochloride

78712-43-3 7115

 $C_{13}H_{13}ClN_2O_2$

(E)-p-(Imidazol-1-ylmethyl)cinnamic acid hydrochloride.

Thromboxane synthetase inhibitor. Antithrombotic. mp = 214-217°. *Kissei; Ono Pharmaceutical Co., Ltd.*

9565 Ridogrel

110140-89-1 8379

 $C_{18}H_{17}F_3N_2O_3$

(E)-5-[[[α-3-Pyridyl-m-(trifluoromethyl)benzylidene]amino]oxy]valeric acid.

R-68070. Thromboxane synthetase inhibitor. Used as an antithrombotic. mp = 70.3°. *Janssen Pharmaceutical Inc.*

9566 Seratodrast

112665-43-7 8603

 $C_{22}H_{26}O_4$

(±)-2,4,5-Trimethyl-3,6-dioxo-ζ-phenyl-1,4-cyclohexadiene-1-heptanoic acid.

AA-2414; A-73001; Abbott-73001; ABT-001.

Thromboxane synthetase inhibitor. A thromboxane A₂-receptor antagonist. mp = 128-129°. *Abbott Labs.*

9567 Vapiprost

85505-64-2

 $C_{30}H_{39}NO_4$

(+)-(4Z)-7-[(1R,2R,3S,5S)-5-(4-Biphenylmethoxy)-3-hydroxy-2-piperidinocyclopentyl]-4-heptenoic acid.

GR-32191. Thromboxane synthetase inhibitor. *Glaxo Wellcome, UK.*

9568 Vapiprost Hydrochloride

87248-13-3

 $C_{30}H_{40}ClNO_4$

(+)-(4Z)-7-[(1R,2R,3S,5S)-5-(4-Biphenylmethoxy)-3-hydroxy-2-piperidinocyclopentyl]-4-heptenoic acid hydrochloride.

GR-32191B. Thromboxane synthetase inhibitor. *Glaxo Wellcome, UK.*

Thyroid Hormones**9569 Levothyroxine**

51-48-9 200-101-1

 $C_{15}H_{11}I_4NO_4$

L-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diodo-L-tyrosine.

Thyroid hormone. *Astra USA, Inc.; Forest Pharmaceuticals Inc.; Knoll Pharmaceutical Co.*

9570 Levothyroxine Sodium

25416-65-3

 $C_{15}H_{10}I_4NNaO_4 \cdot xH_2O$

L-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diodo-L-tyrosine monosodium salt hydrate.

Levothroid; Synthroid. Thyroid hormone. *Astra USA, Inc.; Forest Pharmaceuticals Inc.; Knoll Pharmaceutical Co.*

9571 Liotrix

8065-29-0

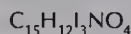
 $[C_{15}H_{11}I_3NNaO_4] \cdot [C_{15}H_{10}I_4NNaO_4 \cdot xH_2O]$

A 1:4 mixture of liothyronine sodium and levothyroxine

sodium.

Euthroid; Thyrolar. Thyroid hormone. *Forest Pharmaceuticals Inc.; Parke-Davis.***9572 Liothyronine**

6138-47-2 5535 228-120-0



L-3-[4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]alanine.

T-3. Thyroid hormone. Dec 236-237°; $[\alpha]_{\text{D}}^{29.5} = 21.5^\circ$ (c = 4.75 in a mixture of 1 part 1N HCl and 2 parts EtOH); insoluble in H₂O, EtOH, propylene glycol; soluble in dilute alkalis. *SmithKline Beecham Pharmaceuticals.***9573 Liothyronine Sodium**

55-06-1 5535 200-223-5



Monosodium L-3-[4-(4-hydroxy-3-iodophenoxy)-3,5-diiodophenyl]alanine.

Cytomel; Triostat; Cytobin; Cytomine; Cyomel; Cynomel; Tertroxin; Triothyronine. Thyroid hormone. *SmithKline Beecham Pharmaceuticals.***9574 Nonathymulin**

63958-90-7

N²-[N-[N-[N-[N²-[N-[N²-[N-(5-Oxo-L-propyl)-L-alanyl]-L-lysyl]-L-seryl]-L-glutaminy]glycyl]glycyl]-L-seryl]-L-asparagine.

facteur thymique serique. Synthetic serum thymic factor. Thyroid hormone.

9575 Thyroglobulin

9010-34-8 232-721-3

Substance extracted from hog thyroid glands.

Proloid; Thyractin; Thyroprotein. Thyroid hormone. *Parke-Davis; Sterling Winthrop, Inc.***9576 Thyroid**

9551

Thyroid hormone.

NSC-26492; Tyroidina; Thyradin; Thyrocrine; Thyroid gland of domesticated animals, used as a food. Thyroid hormone.

9577 Thyroidin

Iodothyrim. 9552

Thyroid hormone. An extract of the thyroid gland, diluted with (e.g.) milk sugar.

9578 Thyroxine

7488-70-2 9555



O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodotyrosine.

3,5,3',5'-tetraiodothyronine. The L-form is a thyroid hormone, the D-form is antihyperlipoproteinemic. Thyroid hormone. *Astra USA, Inc.; Baxter Healthcare Corp.; Forest Pharmaceuticals Inc.; Knoll Pharmaceutical Co.***9579 D-Thyroxine**

51-49-0 9555 200-102-7

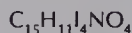


D-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodotyrosine.

Debetrol. The L-form is a thyroid hormone, the D-form is antihyperlipoproteinemic. Thyroid hormone. Dec 237°;

 $[\alpha]_{546}^{21} = 2.97^\circ$ (0.74 g in 6 g of 0.5N NaOH and 14 g EtOH). *Astra USA, Inc.; Baxter Healthcare Corp.; Forest Pharmaceuticals Inc.; Knoll Pharmaceutical Co.*
9580 DL-Thyroxine

300-30-1 9555 206-088-9



DL-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodotyrosine.

The L-form is a thyroid hormone, the D-form is antihyperlipoproteinemic. Thyroid hormone. Dec 231-233°; insoluble in H₂O and most organic solvents. *Astra USA, Inc.; Baxter Healthcare Corp.; Forest Pharmaceuticals Inc.; Knoll Pharmaceutical Co.***9581 L-Thyroxine**

51-48-9 9555 200-101-1



L-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodo-L-tyrosine.

The L-form is a thyroid hormone, the D-form is antihyperlipoproteinemic. Thyroid hormone. Dec 235-236°; $[\alpha]_{546}^{25} = -3.2^\circ$ (90.66 g in 6.07 g of 0.5N NaOH and 13.03 g EtOH), $[\alpha]_{\text{D}}^{20} = -4.4^\circ$ (c = 3 0.13N NaOH/70% EtOH). *Astra USA, Inc.; Baxter Healthcare Corp.; Forest Pharmaceuticals Inc.; Knoll Pharmaceutical Co.***9582 D-Thyroxine Sodium Salt**

137-53-1 9555 205-301-2



Sodium O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodotyrosine.

dextrothyroxine sodium; Biotirmone; Choloxin; Detyroxin; Dethyrona; Dextroid; Dynothel; Eulipos. The L-form is a thyroid hormone, the D-form is antihyperlipoproteinemic. Thyroid hormone. *Astra USA, Inc.; Baxter Healthcare Corp.; Forest Pharmaceuticals Inc.; Knoll Pharmaceutical Co.*

Thyrotropic Hormones

9583 Montirelin

90243-66-6

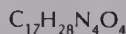


N-[[[(3R,6R)-6-Methyl-5-oxo-3-thiomorpholinyl]carbonyl]-L-histidyl-L-prolinamide.

NS-3 [as tetrahydrate]; CG-3703 [as tetrahydrate]. Thyrotropin-releasing hormone analog.

9584 Posatirelin

78664-73-0

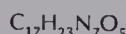


(2S)-N-[(1S)-1-[[[(2S)-2-Carbamoyl-1-pyrrolidinyl]-carbonyl]-3-methylbutyl]-6-oxopipercolamide.

RGH-2202; L-6-ketopiperidine-2-carbonyl-L-leucyl-L-proline amide. Thyrotropin releasing hormone (TRH) analog, a neuroactive peptide.

9585 Taltirelin

103300-74-9



(-)-N-[(S)-Hexahydro-1-methyl-2,6-dioxo-4-pyrimidinyl-carbonyl]-L-histidyl-L-prolinamide tetrahydrate.

TA-0910 [as tetrahydrate]. A novel thyrotropin-releasing hormone analog.

9586 TRH

24305-27-9 9720 246-143-4
 $C_{16}H_{22}N_6O_4$
 5-Oxo-L-prolyl-L-histidyl-L-prolinamide.
 Thyrotropin-releasing factor; thyrotropin-releasing hormone; Protirelin; Thypinone; Abbott 38579; Synthetic TRH; thyroliberin; Antepan; Stimu-TSH; Thyrefact. A hypothalamic neurohormone. Stimulates release and synthesis of thyroid-stimulating hormone (TSH). Thyrotropic hormone. Freely soluble in MeOH, soluble in $CHCl_3$, insoluble in C_5H_5N . *Abbott Labs.*

9587 TRH Tartrate

54974-54-8 9720
 $C_{16}H_{22}N_6O_4 \cdot xC_4H_6O_6$
 5-Oxo-L-prolyl-L-histidyl-L-prolinamide tartrate.
 Irtotin; Xantium. Thyrotropic hormone.

9588 TSH

9002-71-5 9931 232-664-4
 Thyroid-stimulating hormone.
 thyrotropic hormone; thyreotrophic hormone; TTH; Dermathycin; Thytropar. A glycoprotein hormone. Thyrotropic hormone.

Tocolytics**9589 Albuterol**

18559-94-9 217 242-424-0
 $C_{13}H_{21}NO_3$
 2-(tert-Butylamino)-1-(4-hydroxy-3-hydroxymethyl-phenyl)ethanol.
 salbutamol; Proventil Inhaler; Ventalin Inhaler. Bronchodilator and tocolytic. Ephedrine derivative. mp = 151° (also as 157-158°); soluble in most organic solvents. *Apothecon; Glaxo Wellcome Inc.; Key Pharmaceuticals; Allen & Hanbury.*

9590 Albuterol Sulfate

51022-70-9 217 256-916-8
 $C_{26}H_{44}N_2O_{10}S$
 2-(tert-Butylamino)-1-(4-hydroxy-3-hydroxymethyl-phenyl)ethanol sulfate (2:1).
 Sch-13949W Sulfate; Aerolin; Asmaven; Broncovaleas; Cetsim; Cobutolin; Ecovent; Loftan; Proventil; Salbumol; Salbutard; Salbutine; Salbuvent; Sultanol; Ventelin; Ventodisks; Ventolin; Volma. Bronchodilator and tocolytic. Ephedrine derivative. *Apothecon; Glaxo Wellcome Inc.; Key Pharmaceuticals; Allen & Hanbury.*

9591 Fenoterol

13392-18-2 4022
 $C_{17}H_{21}NO_4$
 5-[1-Hydroxy-2-[[2-(4-hydroxyphenyl)-1-methylethyl]-amino]ethyl]-1,3-benzenediol.
 TH-1165. Bronchodilator and tocolytic. β -Adrenergic agonist. Ephedrine derivative. *Boehringer Ingelheim Pharmaceuticals, Inc.*

9592 Fenoterol Hydrobromide

1944-12-3 4022
 $C_{17}H_{22}BrNO_4$
 5-[1-Hydroxy-2-[[2-(4-hydroxyphenyl)-1-methylethyl]-amino]ethyl]-1,3-benzenediol hydrobromide.
 TH-1165a; Airum; Berotec; Dosberotec; Partusisten.

Bronchodilator and tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 222-223°; LD₅₀ (mus sc) = 1100 mg/kg, (mus orl) = 1990 mg/kg. *Boehringer Ingelheim Pharmaceuticals, Inc.*

9593 Fenoterol Hydrochloride

1944-10-1 4022
 $C_{17}H_{22}ClNO_4$
 5-[1-Hydroxy-2-[[2-(4-hydroxyphenyl)-1-methylethyl]-amino]ethyl]-1,3-benzenediol hydrochloride.
 Tocolytic. mp = 183°. *Boehringer Ingelheim Pharmaceuticals, Inc.*

9594 Hexoprenaline

3215-70-1 4745
 $C_{22}H_{32}N_2O_6$
 α, α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol).
 BYK-1512. Bronchodilator and tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp (hemihydrate) = 162-165°. *Savage Labs.; Lentia; Oesterreiche Stickstoffwerke.*

9595 Hexoprenaline Dihydrochloride

4323-43-7 4745
 $C_{22}H_{34}Cl_2N_2O_6$
 α, α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol) dihydrochloride.
 ST-1512; Ipradol. Bronchodilator and tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 197.5-198°. *Savage Labs.; Lentia; Oesterreiche Stickstoffwerke.*

9596 Hexoprenaline

32266-10-7 4745
 $C_{22}H_{34}N_2O_{10}S$
 α, α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol) sulfate.
 Bronalin; Delaprem; Etoscol; Gynipral; Ipradol; Leanol. Bronchodilator and tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 222-228°. *Savage Labs.; Lentia; Oesterreiche Stickstoffwerke.*

9597 Ritodrine

26652-09-5 8401 247-879-9
 $C_{17}H_{21}NO_3$
 Erythro-p-hydroxy- α -[1-[(p-hydroxyphenethyl)-amino]ethyl]benzyl alcohol.
 Tocolytic. mp = 88-90°. *Astra Sweden; Philips-Duphar B.V.*

9598 Ritodrine Hydrochloride

23239-51-2 8401 245-514-8
 $C_{17}H_{22}ClNO_3$
 Erythro-p-hydroxy- α -[1-[(p-hydroxyphenethyl)amino]-ethyl]benzyl alcohol hydrochloride.
 Pre-Par; Yutopar; DU-21220; Miolene; Prempar; Utemerin; Utopar. Tocolytic. mp = 193-195°; λ_m 267.5 nm (ϵ 3310). *Astra Sweden; Philips-Duphar B.V.*

9599 Terbutaline

23031-25-6 9302 245-385-8
 $C_{12}H_{19}NO_3$
 5-[2-[[1,1-Dimethylethyl]amino]-1-hydroxyethyl]-1,3-benzenediol.
 Bronchodilator and tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 119-120°. *Ciba-Geigy Corp.;*

Merrell Pharmaceuticals Inc.

9600 Terbutaline Sulfate

23031-32-5 9302 245-386-3



5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-1,3-benzenediol sulfate (2:1) (salt).

KWD-2019; Brethaire; Brethine; Bricanyl; Butaliret; Monovent; Terbasmin; Terbul. Bronchodilator and tocolytic. β -Adrenergic agonist. Ephedrine derivative. mp = 246-248°; $\lambda_m = 276$ nm ($A_{1cm}^{1\%}$ 67.6 in 0.1 N HCl); pKa₁ = 8.8, pKa₂ = 10.1, pKa₃ = 11.2; soluble in H₂O (>2.0 g/100 ml), 0.1N HCl (>2.0 g/100 ml), 0.1N NaOH (>2.0 g/100 ml), EtOH (0.12 g/100 ml), 10% ethanol (>2.0 g/100 ml), methanol (0.27 g/100 ml). *Ciba-Geigy Corp.; Merrell Pharmaceuticals Inc.*

Topical Protectants**9601 Allantoin**

97-59-6 255 202-592-8

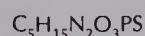


(2,5-Dioxo-4-imidazolidinyl)urea.

glyoxyldiureide; cordinine; Psoralon; Septalan; component of: Skin-Balm. Vulnerary. Used to treat skin ulceration. [(dl)-form]: mp = 238°; soluble in H₂O (0.52 g/100 ml), EtOH (0.2 g/100 ml). *Carrington Labs., Inc.; ICI Americas Inc.*

9602 Amifostine

20537-88-6 424

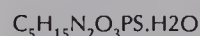


2-[(3-Aminopropyl)amino]ethanethiol dihydrogen phosphate ester.

ethiofos; gammaphos; SAPEP; NSC-296961; WR-2721; YM-08310; Ethiol. Protectant. Used in cancer treatment as a radioprotector.

9603 Amifostine Monohydrate

63717-27-1 424

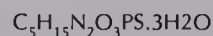


2-[(3-Aminopropyl)amino]ethanethiol dihydrogen phosphate ester monohydrate.

Protectant. Used in cancer treatment as a radioprotector. mp = 160-161° (dec); LD₅₀ (mus ip) = 700 mg/kg.

9604 Amifostine Trihydrate

112901-68-5 424



2-[(3-Aminopropyl)amino]ethanethiol dihydrogen phosphate ester trihydrate.

Protectant. Used in cancer treatment as a radioprotector. Soluble in H₂O (> 9 g/100 ml).

9605 Balsam Peru

976

Peruvian Balsam; Indian Balsam; China Oil; Black Balsam; Honduras Balsam; Surinam Balsam; Extract from *Toluifera pereirae* in forests near the Pacific coast of Central America. Consists largely of esters of cinnamic and benzoic acids. Used as a vulnerary and ectoparasiticide. d = 1.150 - 1.170; insoluble in H₂O, olive oil; soluble in EtOH, CHCl₃, AcOH; partially

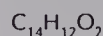
soluble in Et₂O, petroleum ether.**9606 Balsam Traumatic**

978

Friar's Balsam; Turlington's Balsam; composed of benzoin (100 parts), storax (35), balsam Tolu (35), balsam Peru (16), aloe (8), myrrh (8), angelica (4) and EtOH (694). Topical protectant and expectorant.

9607 Benzoin

119-53-9 1124 204-331-3



2-Hydroxy-1,2-diphenylethanone.

bitter almond oil camphor. [(dl)-form]: mp = 137°; bp₇₆₈ = 344°, bp₁₂ = 194°; λ_m 247 nm (ϵ 14500 EtOH); soluble in H₂O (0.03 g/100 ml), C₅H₅N (20 g/100 ml), Me₂CO, boiling EtOH; slightly soluble in Et₂O; [methyl ether]: mp = 49°; [(l)-form]: mp = 132°; [α]_D¹² = -118° (c = 1.2 Me₂CO); [(d)-form]: mp = 132°; [α]_D¹² = 120.5° (c = 1.2 Me₂CO).

9608 Bismuth Phosphate

10049-01-1 1316 233-161-2



Phosphoric acid bismuth salt (1:1).

Bismugel. Antacid and protectant. d¹⁵ = 6.323; slightly soluble in H₂O, dilute acids; insoluble in EtOH, AcOH; soluble in HCl, HNO₃.

9609 Bismuth Subcarbonate

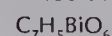
5892-10-4 1324 227-567-9



basic bismuth carbonate; bismuth oxycarbonate. Topical protectant. Insoluble in H₂O, EtOH; soluble in mineral acids.

9610 Bismuth Subgallate

22650-86-8 1325



Basic bismuth gallate.

gallic acid bismuth basic salt; B.S.G.; Dermatol. Topical protectant, astringent and antacid. Insoluble in H₂O, EtOH, CHCl₃, Et₂O; soluble in dilute alkaline solutions, hot mineral acids.

9611 Bismuth Tannate

1330

Contains about 36% bismuth.

Tanbismuth; tannic acid bismuth derivative. Topical protectant and astringent. Insoluble in H₂O, EtOH, Et₂O.

9612 Calamine

1675

Zinc oxide containing about 0.5% ferric oxide.

Eczederm. Topical protectant. Pink powder; insoluble in H₂O, soluble in mineral acids.

9613 Collodion

2547

A solution of pyroxylin (4 g) in 100 ml of EtOH/Et₂O (1:3).

Topical protectant. d₂₅²⁵ = 0.765 - 0.775.

9614 Esculin

531-75-9 3739 208-517-5
 $C_{15}H_{16}O_9$
 6-(β -D-glucopyranosyloxy)-7-hydroxy-2H-1-benzopyran-2-one.
 esculoside; bicolorin; enallachrome; polychrome; Escosyl. Skin protectant. mp = 204-206°; soluble in H_2O (0.17 g/100 ml at 20°, 7.7 g/100 ml at 100°) hot EtOH, MeOH, C_5H_5N , EtOAc, AcOH; $[\alpha]_D^{18} = -78.4^\circ$ (c = 2.5 50% dioxane); [pentaacetate]: mp = 163-164°.

9615 Gum Benzoin

9000-05-9 4608 232-523-7
 Balsamic resin from *Styrax benzoin*.
 resin benzoin; resin benjamin; gum benjamin. Topical protectant. Largely soluble in EtOH.

9616 Hydroxypropyl Cellulose

9004-64-2 4888
 Cellulose 2-hydroxypropyl ether.
 Klucel; Lacrisert. Topical protectant. Soluble in polar organic solvents. *Hercules Inc.*

9617 Petrolatum, Hydrophilic

7326

Petroleum jelly; paraffin jelly; vasoliment; Stanolind; Vaseline; Saxoline; Cosmoline. Topical protectant. Purified mixture of semisolid hydrocarbons. mp = 38-54°; $d_{25}^{60} = 0.820 - 0.865$; insoluble in H_2O , glycerol, EtOH; soluble in C_6H_6 , $CHCl_3$, Et_2O , petroleum ether, CS_2 , oils.

9618 Petrolatum, White

7327

Stanolene.
 Topical protectant. Insoluble in H_2O , glycerol, EtOH; soluble in C_6H_6 , $CHCl_3$, Et_2O , petroleum ether, CS_2 , oils.

9619 Pyroxylin

9004-70-0 8195
 Cellulose nitrate.
 nitrocellulose; collodion cotton; soluble gun cotton; collodion wool; colloxylin; xyloidin; Parlodion. Topical protectant. Soluble in MeOH, Me_2CO , AcOH, amyl acetate.

9620 Shark Liver Oil

68990-63-6 8622 273-616-2
 Oil expressed from the liver of sharks and related species. Contains squalene, pristane, vitamins A and D, fatty acid esters, glycerol ethers, triglycerides, cholesterol and fatty alcohols.

Robecote. Topical protectant. $d^{20} = 0.922$.

9621 Storax

8023-62-9 8974
 Balsam obtained from the trunk of *Liquidambar orientalis* (Americam Storax or Levant Storax).
 Styrax; sweet oriental gum. Topical protectant. Contains cinnamic acid esters of α - and β -storesin and cinnamate esters of phenol, benzyl alcohol and EtOH. Also traces of vanillin. Semiliquid; almost completely soluble in EtOH (100 g/100 ml); soluble in Et_2O , Me_2CO , CS_2 .

9622 Titanium Dioxide

13463-67-7 9612 236-675-5
 O_2Ti
 Unitane; C.I. Pigment White 6; C.I. 77891. Topical protectant. White powder, widely used as a pigment; mp = 1855°; insoluble in H_2O or mineral acids.

9623 Zinc Oxide

1314-13-2 10279 215-222-5
 OZn
 flowers of zinc; philosopher's wool; zinc white; C.I. Pigment White 4; C.I. 77947. Topical protectant. Astringent. $d = 5.67$; $d_4^{20} = 5.607$; insoluble in H_2O , soluble in mineral acids, ammonia, ammonium carbonate or dilute AcOH.

Ultraviolet Screens

9624 p-Aminobenzoic Acid

150-13-0 443 205-753-0

$C_7H_7NO_2$

4-Aminobenzoic acid.

RVPaba Lipstick; vitamin B_{12} ; bacterial vitamin H_1 ; chromotrichia factor; antichromotrichia factor; trochromogenic factor; antianitic vitamin; PABA; Amben; Paraminol; Sunbrella. Ultraviolet screen. mp = 187-187.5°; λ_m 266 nm ($E_{1\text{ cm}}^{1\%}$ 1070 H_2O), 288 nm ($E_{1\text{ cm}}^{1\%}$ 137 iPrOH); soluble in H_2O (0.59 g/100 ml at 25°, 1.1 g/100 ml at 100°), EtOH (12.5 g/100 ml), Et_2O (2 g/100 ml), EtOAc, AcOH; slightly soluble in C_6H_6 ; insoluble in petroleum ether; LD_{50} (mus orl) = 2850 mg/kg, (rat orl) > 6000 mg/kg, (rbt iv) = 2000 mg/kg, (rbt orl) = 1830 mg/kg. *ICN Pharmaceuticals, Inc.*; *E. I. Du Pont de Nemours Inc.*

9625 p-Aminobenzoic Acid Diethylamine Salt

6018-84-4 443

$C_{11}H_{18}N_2O_2$

4-Aminobenzoic acid diethylamine salt.

Navanide. Ultraviolet screen. mp = 170-173°; very soluble in H_2O .

9626 4-(Dimethylamino)benzoic Acid

619-84-1 3282 210-615-8

$C_9H_{11}NO_2$

Ultraviolet screen. mp = 242.5=243.5°; soluble in EtOH, sparingly soluble in Et_2O , insoluble in AcOH.

9627 4-(Dimethylamino)benzoic Acid 2-Ethylhexyl Ester

21245-02-3 3282 244-289-3

$C_{17}H_{27}NO_2$

2-Ethylhexyl p-(dimethylamino)benzoate.

Arlatone UVB; Escalol 507; Padimate O; component of: Caraloe Sun & Snow Lip Balm, Photoplex, PreSun23, PreSun 46, Radiacare Lip Balm. Ultraviolet screen. *Carrington Labs., Inc.*; *ICI Americas Inc.*; *ISP Van Dyk Inc.*; *Westwood-Squibb Pharmaceuticals, Inc.*; *Allergan Herbert.*

- 9628 4-(Dimethylamino)benzoic Acid 3-Methylbutyl Ester**
21245-01-2 3282 244-288-8
 $C_{14}H_{21}NO_2$
3-Methylbutyl p-(dimethylamino)benzoate.
Padimate A; Escalol 506. Ultraviolet screen.
- 9629 Actinoquinol**
15301-40-3 143 239-334-9
 $C_{11}H_{11}NO_4S$
8-Ethoxy-5-quinolinesulfonic acid.
Ultraviolet screen. The sodium salt is the better uv screen.
mp = 286-288° (dec); soluble in dilute $NaHCO_3$.
- 9630 Actinoquinol Sodium Salt**
7246-07-3 143 230-651-8
 $C_{11}H_{10}NNaO_4S$
Sodium 8-ethoxy-5-quinolinesulfonate.
sodium etoquinol; etoquinol sodium; Corodenin; Uviban.
Ultraviolet screen. The sodium salt is the better uv screen.
- 9631 Bornelone**
2226-11-1 218-757-2
 $C_{14}H_{20}O$
5-(3,3-Dimethyl-2-norbornylidene)-3-penten-2-one.
Ultraviolet screen.
- 9632 Bumetrizole**
3896-11-5 223-445-4
 $C_{17}H_{18}ClN_3O$
2-tert-Butyl-6-(5-chloro-2H-benzotriazol-2-yl)-p-cresol.
Ultraviolet screen.
- 9633 Butyl Methoxydibenzoylmethane**
70365-09-1 1616
 $C_{20}H_{22}O_3$
1-(p-tert-Butylphenyl)-3-(p-methoxyphenyl)-1,3-propanedione.
Avobenzene; Parsol 1789; Parsol A; component of: Photoplex. Ultraviolet screen. mp = 83.5°. *Allergan, Inc.; Givaudan Roure S.A.*
- 9634 β -Carotene**
7235-40-7 1902 230-636-6
 $C_{40}H_{56}$
(all E)-1,1'-(3,7,12,16-Tetramethyl-1,3,5,7,9,11,13,15,17-octadecanonaene-1,18-diyl)bis[2,6,6-trimethylcyclohexene].
BetaVit; Lucaratin; Solatene; Carotaben; β,β -carotene; Provatene. Vitamin and ultraviolet screen. mp = 183°; λ_m 497, 466 nm; soluble in CS_2 , C_6H_6 , $CHCl_3$; moderately soluble in Et_2O , petroleum ether, oils; soluble in C_6H_{14} (0.11 g/100 ml at 0°); poorly soluble in MeOH, EtOH; insoluble in H_2O . *BASF Corp; Hoffmann-LaRoche Inc.*
- 9635 Cinoxate**
104-28-9 2370 203-191-0
 $C_{14}H_{18}O_4$
2-Ethoxyethyl p-methoxycinnamate.
Give-Tan; Sun-Dare. Ultraviolet screen. bp₂ = 184-187°; d_{25}^{25} = 1.102; soluble in glycerol (0.5 g/100 ml), propylene glycol (5 g/100 ml), alcohols, esters, vegetable oils; insoluble in H_2O (< 0.05 g/100 ml). *Givaudan Roure S.A.*
- 9636 Dioxibenzene**
131-53-3 3357 205-026-8
 $C_{14}H_{12}O_4$
2,2'-Dihydroxy-4-methoxybenzophenone.
NSC-56769; benzophenone-8; Cyasorb UV 24; Spectra-Sorb UV 24; component of: Solaquin. Ultraviolet screen. mp = 68°; soluble in EtOH (21.8 g/100 ml), iPrOH (17 g/100 ml), propylene glycol (6.2 g/100 ml), ethylene glycol (3.0 g/100 ml), n- C_6H_{14} (1.5 g/100 ml). *American Cyanamid; ICN Pharmaceuticals, Inc.*
- 9637 Drometrizole**
2440-22-4 3503 219-470-5
 $C_{13}H_{11}N_3O$
2-(2H-Benzotriazol-2-yl)-p-cresol.
Tinuvin P. Ultraviolet screen. mp = 131-133°; bp₁₀ = 225°; soluble in EtOAc, Me_2CO , dioctyl phthalate; caprolactam solutions. *Ciba-Geigy Corp.*
- 9638 Etocrylene**
5232-99-5 226-029-0
 $C_{18}H_{15}NO_2$
Ethyl 2-cyano-3,3-diphenylacrylate.
Ultraviolet screen.
- 9639 Homosalate**
118-56-9 4776 204-260-8
 $C_{16}H_{22}O_3$
3,3,5-Trimethylcyclohexyl salicylate.
homomenthyl salicylate; Heliophan. Ultraviolet screen. bp₄ = 161-165°; d_{25}^{25} = 1.045. *Greeff, R.W. and Co., Inc.*
- 9640 Lawsone**
83-72-7 5406 201-496-3
 $C_{10}H_6O_3$
2-Hydroxy-1,4-naphthalenedione.
Ultraviolet screen. From leaves of *Lawsonia inermis* L. dec 195-196°.
- 9641 Mexenone**
1641-17-4 6255 216-688-2
 $C_{15}H_{14}O_3$
2-Hydroxy-4-methoxy-4'-methylbenzophenone.
benzophenone 10; Uvistat. Ultraviolet screen. *American Cyanamid.*
- 9642 Octabenzene**
1843-05-6 6838 217-421-2
 $C_{21}H_{26}O_3$
2-Hydroxy-4-(octyloxy)benzophenone.
benzophenone 12; Specta-Sorb UV 531. Ultraviolet screen. mp = 45-46°. *E. I. Du Pont de Nemours Inc.*
- 9643 Octocrylene**
6197-30-4 228-250-8
 $C_{24}H_{27}NO_2$
2-Ethylhexyl 2-cyano-3,3-diphenylacrylate.
Ultraviolet screen.
- 9644 Octrizole**
3147-75-9 221-573-5
 $C_{20}H_{25}N_3O$
2-(2H-Benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-phenol.

Ultraviolet screen.

9645 Octyl Methoxycinnamate

5466-77-3 6864 226-775-7
 $C_{18}H_{26}O_3$
 3-(4-Methoxyphenyl)-2-propenoic acid 2-ethylhexyl ester.
 Parsol MCX; Parsol MOX. Ultraviolet screen. $bp_{0.76}$ 185-195+s, $bp_{0.076}$ = 140-150°. *Givaudan Roure S.A.*

9646 Oxybenzone

131-57-7 7088 205-031-5
 $C_{14}H_{12}O_3$
 2-Hydroxy-4-methoxybenzophenone.
 benzophenone 3; MO8; Cyasorb UV 9; Spectra-Sorb UV 9; Uvinul M40; NSC-7778; component of: Caraloe Snow & Sun Lip 8alm, Durascreen, PreSun 15 Active, PreSun 15 Sensitive Skin, PreSun 23, PreSun 29, PreSun 30, PreSun 46, Radiacare Lip Balm, Solaquin. Ultraviolet screen. mp = 66°; soluble in most organic solvents; LD_{50} (rat orl) >12800 mg/kg. *BASF Corp; Carrington Labs., Inc.; ICN Pharmaceuticals, Inc.; Schwarz Pharma Kremers Urban Co.; Westwood-Squibb Pharmaceuticals, Inc.*

9647 Padimate A

14779-78-3 3282 238-849-6
 $C_{14}H_{21}NO_2$
 Pentyl p-(dimethylamino)benzoate.
 Padimate A. Ultraviolet screen.

9648 Sulisobenzene

4065-45-6 9157 223-772-2
 $C_{14}H_{12}O_6S$
 5-Benzoyl-4-hydroxy-2-methoxybenzenesulfonic acid.
 Sungard; NSC-60584; Spectra-Sorb UV 284; Uval; Uvinul MS-40. Ultraviolet screen. mp = 145°; soluble in MeOH (50 g/100 ml), EtOH (30 g/100 ml), H_2O (25 g/100 ml), EtOAc (1 g/100 ml). *Bayer Corp., Pharmaceutical Div.; GAF.*

Uricosurics

9649 Benzbromarone

3562-84-3 1093 222-630-7
 $C_{17}H_{12}Br_2O_3$
 3,5-Dibromo-4-hydroxyphenyl-2-ethyl-3-benzofuranyl ketone.
 MJ-10061; L-2214; Azubromaron; 8esuric; Desuric; Max-Uric; Minuric; Narcaricin; Normurat; Uricovac; Urinorm. Uricosuric. mp = 151°. *Labaz S.A.*

9650 Ethebenecid

1213-06-5 3775 214-925-4
 $C_{11}H_{15}NO_4S$
 p-Diethylsulfamoylbenzoic acid.
 Antidipsin; Longacid; Urelim. Uricosuric. Inhibits excretion of penicillin. mp = 192-194°.

9651 Halofenate

26718-25-2
 $C_{19}H_{17}ClF_3NO_4$
 (p-Chlorophenyl)[(α,α,α-trifluoro-m-tolyl)oxy]acetic acid ester with N-(2-hydroxyethyl)acetamide.

Uricosuric and antihyperlipoproteinemic.

9652 Irtemazole

115574-30-6
 $C_{18}H_{16}N_4$
 (±)-5-(α-Imidazol-1-ylbenzyl)-2-methylbenzimidazole.
 R-60844. Uricosuric. *Janssen Pharmaceutical Inc.*

9653 Orotic Acid

65-86-1 7004 200-619-8
 $C_5H_4N_2O_4$
 1,2,3,6-Tetrahydro-2,6-dioxo-4-pyrimidinecarboxylic acid.
 animal galactose factor; Oropur; Orotyl. Uricosuric. mp = 345-346°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.; Kyowa Hakko Kogyo Co., Ltd.*

9654 Orotic Acid Choline Salt

24381-49-5 7004 246-213-4
 $C_{10}H_{18}N_3O_5$
 1,2,3,6-Tetrahydro-2,6-dioxo-4-pyrimidinecarboxylic acid choline salt.
 choline orotate; Cholergol. Uricosuric. *Rhône-Poulenc Rorer Pharmaceuticals Inc.; Kyowa Hakko Kogyo Co., Ltd.*

9655 Orotic Acid Ethyl Ester

1747-53-1 7004
 $C_7H_8N_2O_4$
 Ethyl 1,2,3,6-tetrahydro-2,6-dioxo-4-pyrimidinecarboxylate.
 Uricosuric. mp = 188-189°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.; Kyowa Hakko Kogyo Co., Ltd.*

9656 Orotic Acid Methyl Ester

6153-44-2 7004 228-171-9
 $C_6H_6N_2O_4$
 Methyl 1,2,3,6-tetrahydro-2,6-dioxo-4-pyrimidinecarboxylate.
 Uricosuric. mp = 249°. *Rhône-Poulenc Rorer Pharmaceuticals Inc.; Kyowa Hakko Kogyo Co., Ltd.*

9657 Orotic Acid Monohydrate

50887-69-9 7004
 $C_5H_4N_2O_4 \cdot H_2O$
 1,2,3,6-Tetrahydro-2,6-dioxo-4-pyrimidinecarboxylic acid.
 Lactinium; Oroturic. Uricosuric. mp = 334°; λ_m 282 nm; soluble in H_2O (0.17 g/100 ml). *Rhône-Poulenc Rorer Pharmaceuticals Inc.; Kyowa Hakko Kogyo Co., Ltd.*

9658 Oxycinchophen

485-89-2 7091 207-624-4
 $C_{16}H_{11}NO_3$
 3-Hydroxy-2-phenyl-4-quinolinecarboxylic acid.
 HPC; Fenidrone; Magnofenyl; Magnophenyl; Oxinofen; Reumalon. Uricosuric and antidiuretic. Dec 206-207°; sparingly soluble in H_2O , Et_2O ; soluble in AcOH, alkalis, hot EtOH, C_6H_6 . *Chemo Puro.*

9659 Probenecid

57-66-9 7934 200-344-3
 $C_{13}H_{19}NO_4S$
 p-(Dipropylsulfamoyl)benzoic acid.
 Benemid; Probecid; Proben; component of: ColBenemid,

Polycillin-PRB. Uricosuric. mp = 194-196°; λ_m 242.4 nm; soluble in CHCl_3 , insoluble in H_2O ; LD_{50} (rat orl) = 1600 mg/kg. *Apothecon; Merck & Co., Inc.; Wyeth-Ayerst Labs.*

9660 Seclazone

29050-11-1

 $\text{C}_{10}\text{H}_8\text{ClNO}_3$

7-Chloro-3,3a-dihydro-2H,9H-isoxazolo[3,2-b][1,3]benzoxazin-9-one.

W-2354. Uricosuric. *Wallace Labs.***9661 Sulfinpyrazone**

57-96-5

9121

200-357-4

 $\text{C}_{23}\text{H}_{20}\text{N}_2\text{O}_3\text{S}$

1,2-Diphenyl-4-[2-(phenylsulfinyl)ethyl]-3,5-pyrazolidinedione.

Anturan; Anturane; Anturano; Enturen. Uricosuric. mp = 136-137°; λ_m 255 nm (1N NaOH); slightly soluble in H_2O , EtOH, Et₂O, mineral oils, fats; [d-form]: mp = 130-133°; $[\alpha]_D^{22}$ - 67.1° (c = 2.04 EtOH); $[\alpha]_D^{25}$ = 109.3° (c = 0.5 CHCl_3); [l form]: mp = 130-133°; $[\alpha]_D^{23}$ = -64.2° (c = 2.14 EtOH), $[\alpha]_D^{26}$ = -104.5° (c = 0.5 CHCl_3). *Ciba-Geigy Corp.*

9662 Ticrynafen

40180-04-9

9570

254-826-3

 $\text{C}_{13}\text{H}_8\text{Cl}_2\text{O}_4\text{S}$

[2,3-Dichloro-4-(2-thenoyl)phenoxy]acetic acid.

Selacryn; SK&F-62698; tienilic acid; thienylic acid; ANP-3624; CE-3624; Diflurex; Selacryn. A diuretic, uricosuric and antihypertensive. mp = 148-149°, 157°; LD_{50} (mus iv) = 225 mg/kg, (mus orl) = 1275 mg/kg. *SmithKline Beecham Pharmaceuticals.*

9663 Zoxazolamine

61-80-3

10328

200-519-4

 $\text{C}_7\text{H}_5\text{ClN}_2\text{O}$

2-Amino-5-chlorobenzoxazole.

McN-485; Deflexol; Flexilon; Flexin; Zoxamin; Zoxine. Skeletal muscle relaxant and uricosuric agent. mp = 184-185°; λ_m = 244, 285 nm; slightly soluble in H_2O ; soluble in EtOH, propylkylene glycol; LD_{50} (mus ip) = 376 mg/kg, (mus orl) = 678 mg/kg, (rat ip) = 102 mg/kg, (rat orl) = 730 mg/kg. *Dow Chemical U.S.A.; McNeil Pharmaceutical.*

Vasodilators, Cerebral**9664 (-)-Eburnamonine**

4880-88-0

3537

225-490-5

 $\text{C}_{19}\text{H}_{22}\text{N}_2\text{O}$ (3 α ,16 α)-Eburnamenin-14(15H)-one.

16-oxoeburnane; vincamone; CH-846; Cervoxan. Vasodilator (cerebral). Obtained by acid hydrolysis of vincamine. mp = 168-170°; 177-178°; $[\alpha]_D^{25}$ = -102° (in CHCl_3); $[\alpha]_{\text{SiD}}$ = -100° (c = 0.783 in CHCl_3); λ_m 205, 240, 265, 290, 300 nm (log ϵ 4.28, 4.26, 3.90, 3.59, 3.57). *Gedeon Richter Chem. Works.*

9665 (-)-Eburnamonine Phosphate

94134-60-8

3537

302-830-1

 $\text{C}_{19}\text{H}_{25}\text{N}_2\text{O}_5\text{P}$

(3 α ,16 α)-Eburnamenin-14(15H)-one phosphate (1:1). Eburnal. Vasodilator (cerebral). *Gedeon Richter Chem. Works.*

9666 Alprostadiol

745-65-3

8063

212-017-2

 $\text{C}_{20}\text{H}_{34}\text{O}_5$

(1R,2R,3R)-3-Hydroxy-2-[(E)-(3S)-3-hydroxy-1-octenyl]-5-oxocyclopentaneheptanoic acid.

prostaglandin E₁; PGE₁; U-10136; Caverject; Liple; Minprog; Palux; Prostandin; Prostine VR; Prostin VR Pediatric; Prostavas. Vasodilator (peripheral). Primary prostaglandin isolated from purified biological extracts. mp = 115-116°; $[\alpha]_{578}$ = -61.6° (c = 0.56 THF).

9667 Amyl Nitrite

110-46-3

5137

203-770-8

 $\text{C}_5\text{H}_{11}\text{NO}_2$

Isopentyl nitrite.

isoamyl nitrite; pentyl nitrite; Amyl Nitrite, Vaporole. Vasodilator. Unstable, flammable liquid; decomposes on exposure to air, light; bp = 97-99° (volatilizes at lower temperatures); d_{25}^{25} = 0.875; n_D^{21} = 1.3781; slightly soluble in H_2O ; miscible with alcohol, CHCl_3 , Et₂O; incompatible with alcohol, antipyrine, caustic alkalies, alkaline carbonates, potassium iodide, bromides, ferrous salts.

9668 Bencyclane

2179-37-5

1060

218-547-0

 $\text{C}_{19}\text{H}_{31}\text{NO}$

3-[(1-Benzylcycloheptyl)oxy]-N,N-dimethylpropylamine.

benzcyclan. Vasodilator (peripheral, cerebral). bp₃ = 146-156°. *EGYT.*

9669 Bencyclane Fumarate

14286-84-1

1060

238-204-9

 $\text{C}_{23}\text{H}_{35}\text{NO}_5$

3-[(1-Benzylcycloheptyl)oxy]-N,N-dimethylpropylamine fumarate.

EGYT-201; Angiociclan; Dantrium; Dilangio; Fludilat; Fluxema; Halidor; Vasorelax. Vasodilator (peripheral, cerebral). mp = 131-133°; soluble in H_2O (1 g/100 ml at 25°); readily soluble in EtOH; slightly soluble in Me₂CO; λ_m (pH 3.4-6.6) = 207 nm; LD_{50} (mus orl) = 445.6 mg/kg, (mus iv) = 49.9 mg/kg, (mus ip) = 132 mg/kg, (mus sc) = 203 mg/kg. *EGYT.*

9670 Ciclonicate

53449-58-4

2324

258-561-4

 $\text{C}_{15}\text{H}_{21}\text{NO}_2$

trans-3,3,5-Trimethylcyclohexyl nicotinate.

cyclonicate; P-350; Bled. Vasodilator (cerebral). Derivative of nicotinic acid. Liquid; bp_{0.06} = 127-128°. *Takeda.*

9671 Cinnarizine

298-57-7

2365

206-064-8

 $\text{C}_{26}\text{H}_{28}\text{N}_2$

1-Cinnamyl-4-(diphenylmethyl)piperazine.

cinnipirine; R-516; R-1575; 516-MD; Aplactan; Aplexal; Apotomin; Artate; Carecin; Cerebolan; Cerepar; Cinaperazine; Cinazyn; Cinnacet; Cinnageron; Corathiem; Denapol; Dimitron; Eglen; Folcodal; Giganten; Glanil; Hilactan; Ixterol; Katoseran; Labyrin; Midronal; Mitronal; Olatin; Processine; Sedatromin;

Sepan; Siptazin; Spaderizine; Stugeron; Stutgeron; Stutgin; Toliman; component of: Emesazine. Antihistaminic; vasodilator (peripheral, cerebral). Calcium channel blocker with anti-allergic and anti-vasoconstricting activity. *Janssen Pharmaceutical, Belgium.*

9672 Citicoline

987-78-0 2380 213-580-7
 $C_{14}H_{26}N_4O_{11}P_2$
 Choline cytidine 5'-pyrophosphate ester.
 CDP-choline; Audes; Cereb; Citifar; Colite; Corenaline; Cyscholin; Difosfocin; Emicholine-F; Ensign; Haocolin; Hornbest; Neucolis; Nicholin; Nicolin; Niticolin; Reagin; Recognan; Rexort; Sintoclar; Somazine; Suncholin. Vasodilator (cerebral). Naturally occurring nucleotide. Coenzyme in lecithin biosynthesis. $[\alpha]_D^{20} = +17.2^\circ$ (in H_2O); $[\alpha]_D^{25} = +19.0^\circ$ (c = 0.86 in H_2O); $\lambda_m = 280$ nm (ϵ 12800 at pH 1); soluble in H_2O ; nearly insoluble in most organic solvents; LD₅₀ (mus iv) 4600 mg/kg; (mus orl) = 8000 mg/kg. *Janssen Pharmaceutical, Belgium.*

9673 Citicoline Sodium

33818-15-4 2380 251-689-1
 $C_{14}H_{25}N_4NaO_{11}P_2$
 Choline cytidine 5'-pyrophosphate ester sodium (salt). Acticolin; Brassel; Cebroton; Cidifos; Flussorex; Gerolin; Logan; Neurotron; Sinkron. Vasodilator (cerebral). *Janssen Pharmaceutical, Belgium.*

9674 Cyclandelate

456-59-7 2771 207-271-6
 $C_{17}H_{24}O_3$
 3,3,5-Trimethylcyclohexanol- α -phenyl- α -hydroxyacetate. BS-572; Cyclergine; Cyclobral; Cyclolyt; Cyclomandol; Cyclospasmol; Natil; Novodil; Perebral; Spasmocyclon. Vasodilator (peripheral, cerebral). mp = 55.0-56.5°; bp₁₄ = 192-194°; $\lambda_m = 269, 258, 251$ (ϵ 1575, 2020, 1630 in EtOH); soluble in $CHCl_3$, MeOH, CH_3CN , EtOAc, DMF, C_7H_8 ; insoluble in H_2O . *Brocades-Stheeman & Pharmacia; Wyeth-Ayerst Labs.*

9675 Diisopropylamine Dichloroacetate

660-27-5 3241 211-538-2
 $C_8H_{17}Cl_2NO_2$
 Dichloroacetic acid compound with N-(1-methylethyl)-propanamine (1:1). diisopropylammonium dichloroacetate; diisopropylamine dichloroethanoate; DADA; DIPA-DCA; IS-401; Dapocel; Dedy; DIEDI; Disotat; Kalodil; Oxytangam; Tensicor. Vasodilator (cerebral); hypotensive. mp = 119-121°; soluble in H_2O (>50%); LD₅₀ (mus orl) = 1700 mg/kg.

9676 Dotarizine

84625-59-2
 $C_{29}H_{34}N_2O_2$
 1-(Diphenylmethyl)-4-[3-(2-phenyl-1,3-dioxolan-2-yl)-propyl]piperazine. Has calcium channel blocking properties and inhibitory effects on 5-HT_{2A} and 5-HT_{2C} receptors. Cerebral and peripheral vasodilator.

9677 Fasudil

103745-39-7 3980
 $C_{14}H_{17}N_3O_2S$
 Hexahydro-1-(5-isoquinolyl-1-sulfonyl)-1H-1,4-

diazepine.

Vasodilator (cerebral). Intracellular calcium antagonist. *Bacillofabrik Dr. Bode & Co.*

9678 Fasudil Hydrochloride

105629-07-7 3980
 $C_{14}H_{18}ClN_3O_2S$
 Hexahydro-1-(5-isoquinolyl-1-sulfonyl)-1H-1,4-diazepine monohydrochloride. AT-877; HA-1077. Vasodilator (cerebral). Intracellular calcium antagonist. mp 220°; soluble in H_2O ; LD₅₀ (mus iv) = 67.5 mg/kg, (mus sc) = 124 mg/kg, (mus orl) = 273.9 mg/kg. *Bacillofabrik Dr. Bode & Co.*

9679 Felodipine

72509-76-3 3991
 $C_{18}H_{19}Cl_2NO_4$
 4-(2,3-Dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinecarboxylic acid ethyl methyl ester. H-154/82; Agon; Feloday; Flodil; Hydac; Munobal; Plandil; Prevex; Splendil. Antihypertensive; antianginal; vasodilator. Dihydropyridine calcium channel blocker marketed as the racemate. mp = 145°.

9680 Fenoxedil

54063-40-0 4026
 $C_{28}H_{42}N_2O_5$
 2-(p-Butoxyphenoxy)-N-(2,5-diethoxyphenyl)-N-[2-(diethylamino)ethyl]acetamide. Vasodilator (cerebral).

9681 Fenoxedil Hydrochloride

27471-60-9 4026 248-478-1
 $C_{28}H_{43}ClN_2O_5$
 2-(p-Butoxyphenoxy)-N-(2,5-diethoxyphenyl)-N-[2-(diethylamino)ethyl]acetamide monohydrochloride. Suplexedil. Vasodilator (cerebral). mp = 140°; LD₅₀ (mus orl) = 750°, (mus iv) = 17 mg/kg.

9682 Flunarizine

52468-60-7 4179 257-937-5
 $C_{26}H_{26}F_2N_2$
 (E)-1-[Bis-(p-fluorophenyl)methyl]-4-cinnamylpiperazine. Vasodilator (peripheral, cerebral). Calcium channel blocker. Fluorinated derivative of cinnarizine. *Janssen Pharmaceutical Inc.*

9683 Flunarizine Hydrochloride

30484-77-6 4179 250-216-6
 $C_{26}H_{30}Cl_2F_2N_2$
 (E)-1-[Bis-(p-fluorophenyl)methyl]-4-cinnamylpiperazine dihydrochloride. R-14950; Dinaplex; Flugeral; Flunagen; Flunar; Fluxarten; Gradient; Issium; Mondus; Sibelium. Vasodilator (peripheral, cerebral). Calcium channel blocker. mp = 251.5°. *Janssen Pharmaceutical Inc.*

9684 Fostedil

75889-62-2
 $C_{18}H_{20}NO_3PS$
 Diethyl (p-2-benzothiazolylbenzyl)phosphonate. A-53986; KB-944. Vasodilator; calcium channel blocker.

9685 Ibudilast

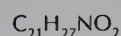
50847-11-5 4923



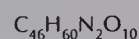
1-(2-Isopropylpyrazolo[1,5-a]pyridin-3-yl)-2-methyl-1-propanone.

KC-404; Ketas. Antiallergic; antiasthmatic; vasodilator (cerebral). mp = 53.5-54°; soluble in H₂O, organic solvents; LD₅₀ (mus iv) = 260 mg/kg. *Kyorin Pharmaceutical Co., Ltd.***9686 Ifenprodil**

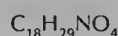
23210-56-2 4936 245-491-4

4-Benzyl- α -(p-hydroxyphenyl)- β -methyl-1-piperidineethanol.RC-61-91. Vasodilator (peripheral, cerebral). mp = 114°. *Robert et Carrière.***9687 Ifenprodil Tartrate**

4936

4-Benzyl- α -(p-hydroxyphenyl)- β -methyl-1-piperidineethanol tartrate (2:1).Cerocal; Divlax; Vadilex. Vasodilator (peripheral, cerebral). mp = 178-180°; soluble in EtOH, H₂O; slightly soluble in Me₂CO, CHCl₃; nearly insoluble in Et₂O; LD₅₀ (male mus iv) = 17 mg/kg, (male mus ip) = 120 mg/kg, (male mus orl) = 275 mg/kg. *Robert et Carrière.***9688 Iproxamine**

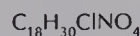
52403-19-7



5-[2-(Dimethylamino)ethoxy]carvacryl isopropyl carbonate.

Vasodilator. *Parke-Davis.***9689 Iproxamine Hydrochloride**

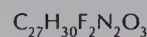
51222-37-8



5-[2-(Dimethylamino)ethoxy]carvacryl isopropyl carbonate hydrochloride.

Go-2782; W-42782. Vasodilator. *Parke-Davis.***9690 Lomerizine**

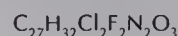
101477-55-8 5593



1-[Bis(4-fluorophenyl)methyl]-4-[(2,3,4-trimethoxyphenyl)methyl]methyl]piperazine.

Antimigrane; vasodilator (cerebral). Diphenylpiperazine calcium channel blocker; selective cerebral vasodilator. *Kanebo.***9691 Lomerizine Hydrochloride**

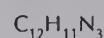
101477-54-7 5593



1-[Bis(4-fluorophenyl)methyl]-4-[(2,3,4-trimethoxyphenyl)methyl]methyl]piperazine dihydrochloride.

KB-2796. Antimigrane; vasodilator (cerebral). Calcium channel blocker. mp = 214-218° (dec), 204-207°; LD₅₀ (mus orl) = 300 mg/kg. *Kanebo.***9692 Mefenidil**

58261-91-9 221-452-7

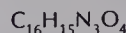


5-Methyl-2-phenylimidazole-4-acetonitrile.

McN-2378. Vasodilator (cerebral).

9693 Mefenidil Fumarate

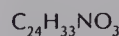
83153-38-2



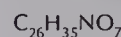
5-Methyl-2-phenylimidazole-4-acetonitrile fumarate (1:1). McN-2378-46. Vasodilator (cerebral).

9694 Nafronyl

31329-57-4 6440 250-572-2

2-(Diethylamino)ethyl ester tetrahydro- α -(1-naphthalenylmethyl)-2-furanpropanoic acid.naftidrofuryl; Dubimax; Gevatran; Tridus. Vasodilator. bp0.5° = 190°; d₄²¹ = 1.0465; n_D²⁰ = 1.5513; LD₅₀ (mus orl) = 365 mg/kg. *Lipha.***9695 Nafronyl Oxalate**

3200-06-4 6440 221-703-0

2-(Diethylamino)ethyl ester tetrahydro- α -(1-naphthalenylmethyl)-2-furanpropionate oxalate (1:1).nafronyl acid oxalate; EU-1806; LS-121; Citoxid; Di-Actane; Dusodril; Praxilene. Vasodilator. mp = 110-111°; soluble in H₂O. *Lipha.***9696 Nicametate**

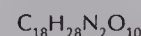
3099-52-3 6577 221-452-7



2-(Diethylamino)ethyl nicotinate.

Eucast. Vasodilator (peripheral, cerebral). Liquid; bp₁₀ = 155-157°; bp₂ = 120-125°.**9697 Nicametate Citrate Monohydrate**

6577

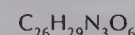


2-(Diethylamino)ethyl nicotinate citrate monohydrate.

Euclidan; Nutrin; Soclidan. Vasodilator (peripheral, cerebral).

9698 Nicardipine

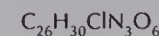
55985-32-5 6579 259-932-3



2-(Benzylmethylamino)ethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Antianginal; antihypertensive; vasodilator. Dihydropyridine calcium channel blocker. *Yamanouchi U.S.A. Inc.***9699 Nicardipine Hydrochloride**

54527-84-3 6579 259-198-4



2-(Benzylmethylamino)ethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate monohydrochloride.

RS-69216; YC-93; Barizin; Bioncard; Cardene; Dacarel; Lecibral; Lescodil; Loxen; Nerdipina; Nicant; Nicardal; Nicarpin; Nicapress; Nicodel; Nimicor; Perdipina; Perdipine; Ranvil; Ridene; Rycarden; Rydene; Vasodin; Vasonase. Antianginal; antihypertensive; vasodilator. Dihydropyridine calcium channel blocker. LD₅₀ (mrat orl) = 634 mg/kg, (mrat iv) = 18.1 mg/kg; [α form]: mp = 179-181°; [β form]: mp = 168-170°. *Yamanouchi U.S.A. Inc.*

Syntex Labs. Inc.

9700 Nicergoline

27848-84-6 6580 248-694-6
 $C_{24}H_{26}BrN_3O_3$
 10-Methoxy-1,6-dimethylergoline-8 β -methanol
 5-bromonicotinate (ester).
 nicotergoline; nimerergoline, MNE; FI-6714; Cergodum;
 Circo-Maren; Dilasenil; Duracebrol; Ergotop; Ergobel;
 Memoq; Nicergolent; Sermion; Vasospan. Vasodilator
 (peripheral, cerebral). mp = 136-138°; LD₅₀ (mmus orl) =
 860, (mrat orl) = 2800, (mmus iv) = 46 mg/kg. *Farmitalia*.

9701 Nimodipine

66085-59-4 6643 266-127-0
 $C_{21}H_{26}N_2O_7$
 Isopropyl 2-methoxyethyl 1,4-dihydro-2,6-dimethyl-4-(m-
 nitrophenyl)-3,5-pyridinedicarboxylate.
 BAY e 9736; Admon; Nimotop; Periplus. Vasodilator
 (cerebral). mp = 125°; LD₅₀ (mus orl) = 3562, (rat orl) =
 6599, (mus iv) = 33 mg/kg, (rat iv) = 16 mg/kg; [(+)-
 form]: $[\alpha]_D^{20} = 9^\circ$ (c = 0.439 in dioxane); [(-)-form]: $[\alpha]_D^{20} = -$
 7.93° (c = 0.374 in dioxane). *Bayer AG; Miles*.

9702 Oxfenicine

32462-30-9 251-061-7
 $C_8H_9NO_3$
 L-2-(p-Hydroxyphenyl)glycine.
 UK-25842. Vasodilator. *Pfizer Inc*.

9703 Oxicebral

14286-84-1

9704 Papaverine

58-74-2 7151 200-397-2
 $C_{20}H_{21}NO_4$
 6,7-Dimethoxy-1-veratrylisoquinoline.
 Vasodilator (cerebral). Smooth muscle relaxant found in
 opium (0.8-1.0%). mp = 147°; $d_4^{20} = 1.337$; pK (25°) =
 8.07; $\lambda_m = 239, 278-280, 314, 327$ nm (log ϵ 4.83, 3.86,
 3.60, 3.67 EtOH); nearly insoluble in H₂O; soluble in hot
 C₆H₆, glacial AcOH, Me₂CO; slightly soluble in CHCl₃,
 CCl₄, petroleum ether.

9705 Papaverine Hydrochloride

61-25-6 7151 200-502-1
 $C_{20}H_{22}ClNO_4$
 6,7-Dimethoxy-1-veratrylisoquinoline hydrochloride.
 Artergodan, Cepaverin, Cerebid, Cerespan, Dynovas,
 Optenyl, Pameion, Panergon, Papital T.R., Pavabid,
 Pavacap, Pavacen, Pavadel, Pavagen; Pavakey, Pavased,
 Spasmo-Nit, Therapav, Vasal, Vasospan; component of:
 Copavin. Vasodilator (cerebral). mp = 220-225°; $\lambda_m =$
 249-250, 280-282, 331 nm (log ϵ 4.69, 3.80, 3.82 EtOH);
 soluble in EtOH, EtOH; soluble in H₂O (1 g/40 ml);
 nearly insoluble in Et₂O; LD₅₀ (mus iv) = 27.5 mg/kg,
 (mus sc) = 150 mg/kg, (rat sc) = 370 mg/kg. *Eli Lilly & Co.;*
Marion Merrell Dow Inc.

9706 Pentifylline

1028-33-7 7269 213-842-0
 $C_{13}H_{20}N_4O_2$
 1-Hexyl-3,7-dihydro-3,7-dimethyl-1H-purine-2,6-dione.
 SK-7; component of: Cosaldon. Vasodilator (cerebral).

Also used as a stabilizer of vitamin preparations. mp =
 82-83°. *Chem. Werke Albert*.

9707 Pindolol

13523-86-9 7597 236-867-9
 $C_{14}H_{20}N_2O_2$
 1-(1H-Indol-4-yloxy)-3-[(1-methylethyl)amino]-2-
 propanol.
 prinodolol; LB-46; Betapindol; Blockin L; Calvisken;
 Decreten; Durapindol; Glauco-Visken; Pectobloc;
 Pinbetol; Pynastin; Visken. Antianginal; antihypertensive;
 antiarrhythmic; antiglaucoma; vasodilator. β -Adrenergic
 blocker with partial agonist activity. mp = 171-173°.
Sandoz Pharmaceuticals Corp.

9708 Propatyl Nitrate

2921-92-8 7995 220-866-5
 $C_6H_{11}N_3O_9$
 2-Ethyl-2-(hydroxymethyl)-1,3-propanediol trinitrate.
 etriol trinitrate; ETTN; Win-9317; Atrilon 5; Etrynit; Gina;
 Ginapect; Vasangor. Vasodilator (coronary). mp = 51-52°;
 d = 1.49; soluble in Me₂OH, alcohol; nearly insoluble in
 H₂O; explosive (above 220°).

9709 Tinofedrine

66788-41-8 9589 266-477-4
 $C_{20}H_{21}NOS_2$
 (+)-R- α -[(S)-1-(3,3-Di-3-thienylallyl)amino]ethyl]benzyl
 alcohol.
 Vasodilator (cerebral). *Degussa Ltd.*

9710 Tinofedrine Hydrochloride

50776-39-1 9589
 $C_{20}H_{22}ClNOS_2$
 (+)-R- α -[(S)-1-(3,3-Di-3-thienylallyl)amino]ethyl]benzyl
 alcohol hydrochloride.
 D-8955; Novocebrin. Vasodilator (cerebral). mp = 226-
 229° (dec); LD₅₀ (mus orl) = 1890 mg/kg, (rat orl) = 6600
 mg/kg, (mus iv) = 20.15 mg/kg, (rat iv) = 14.00 mg/kg.
Degussa Ltd.

9711 Tipropidil

70895-45-3
 $C_{20}H_{35}NO_2S$
 1-[p-(Isopropylthio)phenoxy]-3-(octylamino)-2-propanol.
 Vasodilator. *Bristol-Myers Squibb Pharmaceutical Res.*
and Dev.

9712 Tipropidil Hydrochloride

70895-39-5
 $C_{20}H_{36}ClNO_2S$
 1-[p-(Isopropylthio)phenoxy]-3-(octylamino)-2-propanol
 hydrochloride.
 MJ-12880-1. Vasodilator. *Bristol-Myers Squibb*
Pharmaceutical Res. and Dev.

9713 Vincamine

1617-90-9 10120 216-576-3
 $C_{21}H_{26}N_2O_3$
 (3 α ,14 β ,16 α)-Dihydro-14-hydroxyburnamenine-14-
 carboxylic acid methyl ester.
 Angiopac; Arteriovinca; Devincan; Equipur; Novicet;
 Ocu-Vinc; Oxygeron; Perval; Pervincamine; Pervone;
 Sostenil; Tripervan; Vincadar; Vincafarm; Vincafolina;
 Vincafor; Vincagil; Vincalen; Vincamidol; Vincapront;
 Vincasaunier; Vincimax; Vinodrel Retard; Vraap.

Vasodilator (cerebral). CAUTION: causes eye and skin irritation; potential skin sensitizer. mp = 232-233°; $[\alpha]_D^{23} = +41^\circ$ (in C_5H_5N); $\lambda_m = 225, 278 \text{ nm}$ (log ϵ 4.14, 3.61); LD50Lks (mus iv) = 75 mg/kg, (mus sc) > 1000 mg/kg, (mus orl) = 1000 mg/kg.

9714 Vincamine Hydrochloride

10592-03-7 10120 234-197-1

$C_{21}H_{27}ClN_2O_3$
(3 α ,14 β ,16 α)-Dihydro-14-hydroxyburnamenine-14-carboxylic acid methyl ester hydrochloride.
Cetal; Esberidin. Vasodilator (cerebral). CAUTION: causes eye and skin irritation; potential skin sensitizer.

9715 Vinpocetine

42971-09-5 10128 256-028-0

$C_{22}H_{26}N_2O_2$
Ethyl apovincamin-22-oate.
AY-27255; RGH-4405; Cavinton; Ceractin. Vasodilator (cerebral). mp = 147-153° (dec); $[\alpha]_D^{20} = +114^\circ$ (c = 1 C_5H_5N); $\lambda_m = 229, 275, 315 \text{ nm}$ (log ϵ 4.45, 4.08, 3.85 96% EtOH); LD₅₀ (mus orl) = 534 mg/kg, (mus ip) = 240 mg/kg, (mus iv) = 58.7 mg/kg. Gedeon Richter Chem. Works.

9716 Viquidil

84-55-9 10141 201-540-1

$C_{20}H_{24}N_2O_2$
1-(6-Methoxy-4-quinolyl)-3-(3-vinyl-4-piperidyl)-1-propanone.
chinicine; mequiverine; quinotoxine; quinotoxol; LM-192. Vasodilator; antiarrhythmic. Viscous oil; $[\alpha]_D = +43^\circ$; slightly soluble in H_2O ; soluble in EtOH, $CHCl_3$, Et_2O . Polaroid.

9717 Viquidil Hydrochloride

52211-63-9 10141 257-739-9

$C_{20}H_{25}ClN_2O_2$
1-(6-Methoxy-4-quinolyl)-3-(3-vinyl-4-piperidyl)-1-propanone monohydrochloride.
Desclidium; Permiran. Vasodilator; antiarrhythmic. mp $\approx 184^\circ$; $\lambda_m = 246, 355 \text{ nm}$ (in $CHCl_3$); soluble in EtOH; sparingly soluble in H_2O ; nearly insoluble in Me_2CO . Polaroid.

Vasodilators, Coronary**9718 Amotriphene**

5585-64-8 615

$C_{26}H_{29}NO_3$
2,3,3-Tris(p-methoxyphenyl)-N,N-dimethylallylamine. aminoxytryphine; Myordil. Vasodilator (coronary). Sterling Winthrop, Inc.

9719 Azaclorzine

49864-70-2

$C_{22}H_{24}ClN_3OS$
2-Chloro-10-[3-(hexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl)propionyl]phenothiazine.
nonachlazine. Vasodilator (coronary).

9720 Azaclorzine Hydrochloride

49780-10-1

$C_{22}H_{26}Cl_3N_3OS$
2-Chloro-10-[3-(hexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl)propionyl]phenothiazine dihydrochloride.
AY-25329. Vasodilator (coronary).

9721 Bemarinone

92210-43-0

$C_{11}H_{12}N_2O_3$
5,6-Dimethyl-4-methyl-2(1H)-quinazolinone.
Cardiotonic (positive inotropic, vasodilator).

9722 Bemarinone Hydrochloride

101626-69-1

$C_{11}H_{13}ClN_2O_3$
5,6-Dimethyl-4-methyl-2(1H)-quinazolinone monohydrochloride.
ORF-16600; RWJ-16600. Cardiotonic (positive inotropic, vasodilator). Ortho Pharmaceutical Corp.

9723 Bendazol

621-72-7 1062 210-703-6

$C_{14}H_{12}N_2$
2-Benzylbenzimidazole.
bendazole. Vasodilator (coronary). mp = 187°; nearly insoluble in H_2O ; soluble in glacial AcOH, EtOH, hot C_6H_6 , propylene glycol.

9724 Bendazol Hydrochloride

1212-48-2 1062 214-921-2

$C_{14}H_{13}ClN_2$
2-Benzylbenzimidazole hydrochloride.
Dibasol; Dibasole; Tromasedan. Vasodilator (coronary). mp = 175°.

9725 Benfurodil Hemisuccinate

3447-95-8 1070 222-367-8

$C_{19}H_{18}O_7$
2-(1-Hydroxyethyl)- β -(hydroxymethyl)-3-methyl-5-benzofuranacrylic acid γ -lactone hydrogen succinate.
benzofurodil; Eucilat; Eudilat. Cardiotonic; vasodilator. mp = 144°; soluble in alkaline solutions; LD₅₀ (mus orl) = 550 mg/kg. Clin-Byla.

9726 Benziodarone

68-90-6 1113 200-695-2

$C_{17}H_{12}I_2O_3$
2-Ethylbenzofuranyl 4-hydroxy-3,5-diiodophenyl ketone.
L-2329; 2329 Labaz; Amplivix; Cardivix; Dilafurane; Dila-Vasal; Retrangor. Vasodilator (coronary). mp = 167°; slightly soluble in H_2O (0.2% at 25°, 1% at 45°); soluble in $CHCl_3$, Me_2CO . Labaz S.A.; Soc. Belge Azote Prod. Chim. Marly.

9727 Bepridil

64706-54-3 1188

$C_{24}H_{34}N_2O$
1-[2-(N-Benzylanilino)-1-(isobutoxymethyl)ethyl]-pyrrolidine.
Antianginal. Calcium channel blocker with antianginal and antiarrhythmic properties. bp_{0.1} = 184°; bp_{0.5} = 192°; $n_D^{20} = 1.5538$.

9728 Bepridil Hydrochloride Monohydrate

74764-40-2 1188

$C_{24}H_{37}ClN_2O_3$
1-[2-(N-Benzylanilino)-1-(isobutoxymethyl)ethyl]-pyrrolidine monohydrochloride monohydrate.
CERM-1978; Angopril; Bepadin; Cordium; Vascor.
Antianginal. mp 91°; LD₅₀ (mus orl) = 1955 mg/kg, (mus iv) = 23.5 mg/kg. *McNeil Pharmaceutical; Wallace Labs.*

9729 Chloracyzine

800-22-6 2108
 $C_{19}H_{21}ClN_2OS$
2-Chloro-10-(3-diethylaminopropionyl)phenothiazine.
chloracizine; chloracysin; chlorocizin; khloratsizin; G-020. Vasodilator (coronary). *Rhône-Poulenc.*

9730 Chromonar

804-10-4 2296 212-356-6
 $C_{20}H_{27}NO_5$
[[3-[2-(Diethylamino)ethyl]-4-methyl-2-oxo-2H-1-benzopyran-7-yl]oxy]acetic acid ethyl ester.
carbocromen. Vasodilator (coronary). Nearly insoluble in H₂O. *Cassella AG.*

9731 Chromonar Hydrochloride

655-35-6 2296 211-511-5
 $C_{20}H_{28}ClNO_5$
[[3-[2-(Diethylamino)ethyl]-4-methyl-2-oxo-2H-1-benzopyran-7-yl]oxy]acetic acid ethyl ester hydrochloride.
AG-3; A-27053; NSC-110430; Antiangor; Cassella 4489; Intensain; Interkordin. Vasodilator (coronary). mp = 159-160°; soluble in H₂O, EtOH, CH₂Cl₂, CHCl₃; sparingly soluble in Me₂CO, MEK, C₆H₆, Et₂O; LD₅₀ (mus orl) = 6300 mg/kg, (mus ip) = 528 mg/kg, (mus iv) = 35.5 mg/kg. *Abbott Labs.; Cassella AG.*

9732 Clobenfuroil

3611-72-1 2418 222-780-3
 $C+11_5H_{11}ClO_2$
α-(4-Chlorophenyl)-2-benzofuranmethanol.
cloridarol; Menacor. Vasodilator (coronary). mp = 48-49°.

9733 Clonitrate

2612-33-1 2452
 $C_{35}ClN_2O_6$
3-Chloro-1,2-propanediol dinitrate.
dinitrochlorohydrin; Dylate. Vasodilator (coronary).
Liquid; bp₇₆₀ = 190-195° (some decomposition); bp₁₅ = 121-123°; bp₁₀ = 117.5°; d₄²⁰ = 1.5112; d₁₅¹⁵ = 1.5408; soluble in EtOH, Me₂CO, CHCl₃; nearly insoluble in H₂O, acids.

9734 Cloricromen

68206-94-0 2467
 $C_{20}H_{26}ClNO_5$
Ethyl [[8-chloro-3-[2-(diethylamino)ethyl]-4-methyl-2-oxo-2H-1-benzopyran-7-yl]oxy]acetate.
8-chlorocarbochromen. Antithrombotic; vasodilator (coronary). mp = 147-148°. *Fidia Pharmaceuticals.*

9735 Cloricromen Hydrochloride

74697-28-2 2467
 $C_{20}H_{27}Cl_2NO_5$
Ethyl [[8-chloro-3-[2-(diethylamino)ethyl]-4-methyl-2-

oxo-2H-1-benzopyran-7-yl]oxy]acetate monohydrochloride.
Cromocap; Proendotel. Antithrombotic; vasodilator (coronary). mp = 219-220°. *Fidia Pharmaceuticals.*

9736 Dilazep

35898-87-4 3244
 $C_{31}H_{44}N_2O_{10}$
Tetrahydro-1H-1,4-diazepine-1,4-(5H)-dipropanol 3,4,5-trimethoxybenzoate (diester).
Vasodilator (coronary). *Asta-Werke AG.*

9737 Dilazep Dihydrochloride

20153-98-4 3244 243-548-8
 $C_{31}H_{46}Cl_2N_2O_{10}$
Tetrahydro-1H-1,4-diazepine-1,4-(5H)-dipropanol 3,4,5-trimethoxybenzoate (diester) dihydrochloride.
Asta C 4898; Comelian; Cormelian; Labitan. Vasodilator (coronary). [monohydrate]: mp = 194-198°; LD₅₀ (mmus iv) = 26.6 mg/kg, (mmus ip) = 161 mg/kg, (mmus orl) = 3740 mg/kg. *Asta-Werke AG.*

9738 Diltiazem

42399-41-7 3247 255-796-4
 $C_{22}H_{26}N_2O_4S$
(+)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester).
Antianginal; antihypertensive; antiarrhythmic (class IV). Calcium channel blocker with coronary vasodilating properties. *Tanabe Seiyaku; Shionogi & Co., Ltd.*

9739 Diltiazem Hydrochloride, d-cis form

33286-22-5 3247
 $C_{22}H_{27}ClN_2O_4S$
(+)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) monohydrochloride.
CRD-401; RG-83606; Adizem; Altiazem; Anginyl; Angizem; Britiazim; Bruzem; Calcicard; Cardizem; Citizem; Cormax; Deltazen; Diladel; Dilpral; Dilrene; Dilzem; Dilzene; Herbesser; Masdil; Tildiem. Antianginal; antihypertensive; antiarrhythmic (class IV). Calcium channel blocker with coronary vasodilating properties. mp = 212°; [α]_D²⁴ = +98.3 ± 1.4° (c = 1.002 in MeOH); soluble in H₂O, MeOH, CHCl₃; slightly soluble in absolute EtOH; practically insoluble in C₆H₆; LD₅₀ (mmus iv) = 61 mg/kg, (mmus sc) = 260 mg/kg, (mmus orl) = 740 mg/kg. *Marion Merrell Dow Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Tanabe Seiyaku.*

9740 Dipyrindamole

58-32-2 3410 200-374-7
 $C_{24}H_{40}N_8O_4$
2,2',2'',2'''-[4,8-Dipiperidinylpyrimido[5,4-d]pyrimidine-2,6-diyl]dinitrilo]tetraethanol.
NSC-515776; RA-8; Anginal; Cardoxil; Cleridium; Coridil; Coronarine; Curantyl; Dipyrindan; Gulliostin; Natyl; Peridamol; Persantine; Piroan; Prandiol; Protangix. Vasodilator (coronary). mp = 163°; slightly soluble in H₂O; soluble in MeOH, EtOH, CHCl₃; slightly soluble in Me₂CO, C₆H₆, EtOAc; LD₅₀ (rat orl) = 8400 mg/kg, (rat iv) = 208 mg/kg. *Thomae Boehringer Ingelheim Ltd.*

9741 Droprenilamine

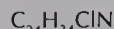
57653-27-7 3506



N-(2-Cyclohexyl-1-methylethyl)- γ -phenylbenzenepropanamine.
droprenylamine. Vasodilator (coronary). Also has antiarrhythmic and antihypotensive activity. *Maggioni Farmaceutici S.p.A.*

9742 Droprenilamine Hydrochloride

59182-63-7 3506



N-(2-Cyclohexyl-1-methylethyl)- γ -phenylbenzenepropanamine monohydrochloride.
MG-8926; Valcor. Vasodilator (coronary). mp = 175-176°; LD₅₀ (mus orl) = 2850 mg/kg, (mus ip) = 68 mg/kg. *Maggioni Farmaceutici S.p.A.*

9743 Efloxate

119-41-5 3565 204-321-9



Ethyl-[(4-oxo-2-phenyl-4H-1-benzopyran-7-yl)oxy]acetate.
oxyflavil; Re-1-0185; Recordil. Vasodilator (coronary). mp = 123-124°; soluble in common organic solvents; slightly soluble in H₂O; LD₅₀ (rat ip) = 3200 mg/kg. *Recordati Industria Chimica.*

9744 Erythrityl Tetranitrate

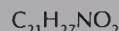
7297-25-8 3716 230-734-9



(R*,S*)-1,2,3,4-Butanetetroltetranitrate.
erythritol tetranitrate; erythrol tetranitrate; eritrityl tetranitrate; tetranitrol; tetranitrin; nitroerythrite; Cardilate; Cardiloid. Vasodilator (coronary). CAUTION: Explosive. Sold in tablet form only; tablets are nonexplosive. mp = 61°; soluble in EtOH, Et₂O, glycerol; insoluble in H₂O; explodes on percussion. *Burroughs Wellcome.*

9745 Etafenone

90-54-0 3753 202-002-9



2'-[2-(Diethylamino)ethoxy]-3-phenylpropylphenone.
LG-11457. Vasodilator (coronary). bp₃₀ = 264-268°. *Guidotti.*

9746 Etafenone Hydrochloride

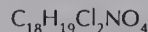
2192-21-4 3753



2'-[2-(Diethylamino)ethoxy]-3-phenylpropylphenone monohydrochloride.
heptaphenone; Asmedol; Baxacor; Corodilan; Dialicor; Pagano-Cor; Relicor. Vasodilator (coronary). mp = 129-130°; LD₅₀ (rat orl) = 716 mg/kg, (rat iv) = 20.8 mg/kg. *Guidotti.*

9747 Felodipine

72509-76-3 3991



4-(2,3-Dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinecarboxylic acid ethyl methyl ester.
H-154/82; Agon; Feloday; Flodil; Hydac; Munobal; Plandil; Prevex; Splendil. Antihypertensive; antianginal; vasodilator. Dihydropyridine calcium channel blocker marketed as the racemate. mp = 145°. *Astra Hässle AB; Astra Sweden; Merck & Co., Inc.*

9748 Fendiline

13042-18-7 4011 235-915-6



N-(3,3-Diphenylpropyl)- α -methylbenzylamine.
Vasodilator (coronary). Calcium blocking agent. bp₁ = 183-187°. *Chinoin.*

9749 Fendiline Hydrochloride

13636-18-5 4011 237-121-5



N-(3,3-Diphenylpropyl)- α -methylbenzylaminehydrochloride.
HK-137; Cordan; Fendilar; Sensit. Vasodilator (coronary). mp = 204-205°; slightly soluble in H₂O; soluble in MeOH, EtOH, CHCl₃; LD₅₀ (mus iv) = 14.5 mg/kg, (mus orl) = 950 mg/kg. *Chinoin.*

9750 Floredil

53731-36-5 4144



4-[2-(3,5-Diethoxyphenoxy)ethyl]morpholine.
Vasodilator (coronary). *Orsymonde.*

9751 Floredil Hydrochloride

30116-80-4 4144



4-[2-(3,5-Diethoxyphenoxy)ethyl]morpholine monohydrochloride.
Carfonal. Vasodilator (coronary). *Orsymonde.*

9752 Ganglefene

299-61-6 4375



3-Diethylamino-1,2-diemethylpropyl p-isobutoxybenzoate.
Vasodilator (coronary). LD₅₀ (mus sc) = 530 mg/kg.

9753 Ganglefene Hydrochloride

4375



3-Diethylamino-1,2-diemethylpropyl p-isobutoxybenzoate monohydrochloride.
Gangleron. Vasodilator (coronary).

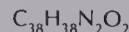
9754 Heart Muscle Extract

4651

Prepared from the hearts of calf embryos.
Myocardone; Recosen; Rocosenin; Corhormon; Lysomiol; Hormocardiol; Herzolan; Cordiomon Injection.
Vasodilator (coronary). *Upjohn Ltd.*

9755 Hexestrol Bis(β -diethylaminoethyl ester)

2691-45-4 4739 220-261-6



2,2'-[(1,2-Diethyl-1,2-ethanediyl)bis(4,1-phenyleneoxy)]bis[N,N-diethylethanamine].
Vasodilator (coronary).

9756 Hexestrol Bis(β -diethylaminoethyl ester) Dihydrochloride

69-14-7 4739



2,2'-[(1,2-Diethyl-1,2-ethanediyl)bis(4,1-phenyleneoxy)]bis[N,N-diethylethanamine] Dihydrochloride.

Coragil; Coralgina. Vasodilator (coronary). mp = 226-227°; soluble in H₂O, MeOH, CHCl₃, hot EtOH.

9757 Hexobendine

54-03-5 4743 200-189-1



3,4,5-Trimethoxybenzoic acid diester with 3,3'-[ethylenebis(methylimino)]di-1-propanol.

hexabendin. Vasodilator (coronary). mp = 75-77°. OSSW.

9758 Hexobendine Dihydrochloride

50-62-4 4743 200-054-7



3,4,5-Trimethoxybenzoic acid diester dihydrochloride with 3,3'-[ethylenebis(methylimino)]di-1-propanol.

ST-7090; Andiamine; Reoxyl; Ustimon. Vasodilator (coronary). mp = 170-174°; λ_m = 267 m μ ; soluble in H₂O; less soluble in EtOH; nearly insoluble in Et₂O. OSSW; Marion Merrell Dow Inc.

9759 Isosorbide

652-67-5 5244 211-492-3



1,4:3,6-Dianhydro-D-glucitol.

AT-101; NSC-40725; Ismotic. Diuretic. mp = 61-64°; $[\alpha]_D^{20}$ = +44°. Alcon Labs.

9760 Isosorbide Dinitrate

87-33-2 5245 201-740-9



1,4:3,6-Dianhydro-D-glucitol dinitrate.

Astridine; Cardio 10; Cardis; Carvanil; Carvasin; Cedocard; Corovliss; Dignonitrat; Dilatrate; Diniket; Disorlon; Duranitrat; EureCor; Flindix; Frandol; Glentonin; IBD; Imtack; Isdin; ISDN; Iso-Bid; Isocard; Isoket; Iso-Mack; Iso-Puren; Isorbid; Isordil; Isostenase; Isotrate; Langoran; Laserdil; Maycor; Myorexon; Nitorol; Nitrosorbon; Nosim; Rifloc Retard; Rigidal; Risordan; Soni-Slo; Sorbangil; Sorbichew; Sorbidilat; Sorbid SA; Sorbitrate; Sorquad; Vascardin; Vasorbate; Vasotrate; component of: Dilatrate-SR, SDM No. 40, SDM No. 50. Vasodilator (coronary); antianginal. mp = 70°; $[\alpha]_D^{20}$ = +135° (in EtOH); sparingly soluble in H₂O; freely soluble in organic solvents. ICI; Reed & Carnrick; Wyeth Labs.

9761 Isosorbide Mononitrate

16051-77-7 5245 240-197-2



1,4:3,6-Dianhydro-D-glucitol 5-nitrate.

isosorbide-5-mononitrate; Corangin; Elan; Elantan; Imdur; Ismo; Isomonat; Monicor; Monit; MonoCedocard; Monoclaire; Monoket; Mono Mack; Monosorb; Olicard; Pentacard. Vasodilator (coronary); antianginal. Metabolite of isosorbide dinitrate. Boehringer Mannheim GmbH.

9762 Itramin Tosylate

13445-63-1 5263

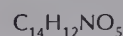


2-Aminoethanol nitrate (ester) p-toluenesulfonate.

itramin tosylate; Cardosan; Nilatil; Tostram. Vasodilator (coronary). mp = 132-133°. California Research Co.

9763 Khellin

82-02-0 5321 201-392-8



4,9-Dimethoxy-7-methyl-5H-furo[3,2-g][1]benzopyran-5-one.

visamin; Kellin; Kelamin; Kelicor; Gynokhellan; Kelicorin; Keloid; Norkel; Simeskellina; Vasokellina; Visnagalin; Visnagen; Methafrone; Eskel; Amicardien; Viscardan; Corafurone; Cardio-Khellin; Benecardin; Ammivisnagen; Hkelfren; Lynamine; Coronin; Ammicardine; Ammipuran; Ammivin. Vasodilator (coronary). mp = 154-155°; bp_{0.05} = 180-200°; λ_m = 250, 338 nm ($E_{1\text{cm}}^{1\%}$ 1600, 200 EtOH); soluble (25°) in H₂O (2.5 g/ml), Me₂CO (300 g/ml), MeOH (260 g/ml), isopropanol (125 g/ml), Et₂O (50 g/ml); LD₅₀ (rat orl) = 80 mg/kg. Hoechst; Key Pharmaceuticals.

9764 Lidoflazine

3416-26-0 5507 222-312-8



4-[4,4-Bis(4-fluorophenyl)butyl]-N-(2,6-dimethylphenyl)-1-piperazineacetamide.

McN-JR-7904; R-7904; Angex; Clinium; Klinium; Ordiflazine; Corflazine. Vasodilator (coronary). Calcium blocking agent. mp = 159-161°; nearly insoluble in H₂O (<0.01%); soluble in CHCl₃; less soluble in other common organic solvents. Janssen Pharmaceutical Inc.; Janssen Pharmaceutical, Belgium; McNeil Pharmaceutical.

9765 Mannitol Hexanitate

15825-70-4 5789 239-924-6

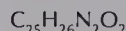


Hexanitate of D-mannitol.

mannitol nitrate; nitromannite; nitromannitol; Maxitate; Medemanol; Dilangil; Moloid; Mannitrin; Nitrantol; Manexin. Vasodilator (coronary). CAUTION: Explodes on percussion. Less stable than nitroglycerol at 75°. Nonexplosive at dilutions of 10% or less. mp = 106-108°; soluble in EtOH, Et₂O; insoluble in H₂O. Madan.

9766 Medibazine

53-31-6 5831 200-168-7



1-(1,3-Benzodioxol-5-ylmethyl)-4-(diphenylmethyl)-piperazine.

S-4105. Vasodilator (coronary). Sci. Union et Cie, France.

9767 Medibazine Dihydrochloride

96588-03-3 5831

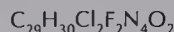


1-(1,3-Benzodioxol-5-ylmethyl)-4-(diphenylmethyl)-piperazine dihydrochloride.

Vialibran. Vasodilator (coronary). mp = 288°. Sci. Union et Cie, France.

9768 Mioflazine

79467-23-5



4-[4,4-Bis(p-fluorophenyl)butyl]-3-carbamoyl-2,6-dichloro-1-piperazineacetamide.

Vasodilator (coronary). Janssen Pharmaceutical, Belgium.

9769 Mioflazine Hydrochloride

79467-24-6



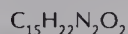
4-[4,4-Bis(p-fluorophenyl)butyl]-3-carbamoyl-2,6-dichloro-1-piperazineacetamide dihydrochloride

monohydrate.

R-51469. Vasodilator (coronary). *Janssen Pharmaceutical, Belgium.*

9770 Mixidine

27737-38-8



2-[93,4-Dimethoxyphenethyl]imino]-1-methylpyrrolidine. McN-1589. Vasodilator (coronary). *McNeil Consumer Products Co.*

9771 Molsidomine

25717-80-0

6316

247-207-4



N-Ethoxycarbonyl-3-morpholinylsydnoneimine. morsydomine; SIN-10; CAS-276; Corvaton; Corvasal; Molsidolat; Morial; Motazomin. Antianginal; vasodilator (coronary). Non-benzene aromatic, heterocyclic and mesoionic compound new to pharmaceutical industry. mp = 140-141°; soluble in CHCl_3 , dilute HCl, EtOH, EtOAc, MeOH; sparingly soluble in H_2O , Me_2CO , EtOH; slightly soluble in Et_2O , petroleum Et_2O ; pK (100°) = 3.0 ± 0.1 ; λ_m 326 nm (in CHCl_3); LD_{50} (mmus sc) = 780 mg/kg, (mmus iv) = 860 mg/kg, (mmus orl) = 830 mg/kg, (mrat orl) = 1050 mg/kg. *Hoechst Marion Roussel Inc.; Takeda.*

9772 Nicorandil

65141-46-0

6608

265-514-1



N-(2-Hydroxyethyl)nicotinamide nitrate (ester). SG-75; Ikorel; Perisalol; Sigmart. Antianginal; vasodilator (coronary). Nicotinamide derivative with dual mechanism as both nitrovasodilator and potassium channel activator. mp = 92-93°; LD_{50} (rat orl) = 1200-1300 mg/kg, (rat iv) = 800-1000 mg/kg. *Chugai Pharmaceutical Co., Ltd.; Upjohn Ltd.*

9773 Nifedipine

21829-25-4

6617

244-598-3



Dimethyl 1,4-dihydro-2,6-dimethyl-4-(o-nitrophenyl)-3,5-pyridinedicarboxylate.

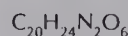
Bay a 1040; Adalat; Adalate; Adapress; Aldipin; Alfadat; Anifed; Aprical; Bonacid; Camont; Chronadalate; Citilat; Coracten; Cordicant; Cordilan; Corotrend; Duranifin; Ecodipi; Hexadilat; Introcac; Kordafen; Nifedecor; Nifedin; Nifelan; Nifelat; Nifensar XL; Orix; Oxcord; Pidilat; Procardia; Sepamit; Tibricol; Zenusin. Antianginal; antihypertensive; vasodilator (coronary). Dihydropyridine calcium channel blocker. mp = 172-174°; λ_m = 340, 235 nm (ϵ 5010, 21590 MeOH); soluble in Me_2CO , CH_2Cl_2 , CHCl_3 ; less soluble in EtOAc, MeOH, EtOH; very light sensitive in solution; LD_{50} (mus orl) = 494 mg/kg, (rat orl) = 1022 mg/kg, (mus iv) = 4.2 mg/kg, (rat iv) = 15.5 mg/kg. *Bayer AG; Miles; Pfizer Inc.*

9774 Nisoldipine

63675-72-9

6658

264-407-7



(±)-Isobutyl methyl 1,4-dihydro-2,6-dimethyl-4-(o-nitrophenyl)-3,5-pyridinedicarboxylate.

Bay k 5552; Baymycard; Norvasc; Syscor; Zadipina. Antianginal; antihypertensive; vasodilator (coronary). Dihydropyridine calcium channel blocker. mp = 151-

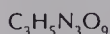
152°. *Bayer AG; Miles.*

9775 Nitroglycerin

55-63-0

6704

200-240-8



1,2,3-Propanetriol trinitrate.

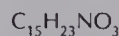
glyceryl trinitrate; glycerol nitric acid triester; nitroglycerol; trinitroglycerol; glonoin; trinitrin; blasting gelatin; blasting oil; SNG; Adesitrin; Angibid; Angiolingual; Anginine; Angorin; Aquo-Trinitrosan; Cardamist; Cordipatch; Coro-Nitro; Corditrine; Deponit; Diafusor; Discotrine; Gilucor; GTN; Klavikordal; Lenital; Lentonitrina; Millisrol; Minitran; Myoglycerin; Niong; Nitradisc; Nit; Percutol; Perlinganit; Reminitrol; Susadrin; Siscard; Sustac; Sutonit; Transderm-Nitro; Transiderm-Nitro; Tridil; Trinalgon; Trinitrosan; Vasoglyn; component of: SDM No. 27, No. 37. Antianginal; vasodilator (coronary). Also used in manufacture of dynamite. CAUTION: Accute poisoning can cause nausea, vomiting abdominal cramps, headache, mental confusion, delirium, bradypnea, bradycardia, paralysis, convulsions, methemoglobinemia, cyanosis, circulatory collapse, death. Chronic poisoning can cause severe headaches, hallucinations, skin rashes. Alcohol aggravates symptoms. Toxic effects may occur by ingestion, inhalation, absorption. [labile form]: mp = 2.8°; [stable form]: mp = 13.5°; begins to decompose at $\approx 50^\circ$; $d_4^{15} = 1.5991$; $n_D^{15} = 1.474$; heat of combustion = 1580 cal/g; slightly soluble in H_2O (0.125 g/100 ml), EtOH (0.5 g/100 ml); more soluble in MeOH (2.25 g/100 ml), CS_2 (15 g/100 ml); miscible with Et_2O , Me_2CO , glacial AcOH, EtOAc, C_6H_6 , nitrobenzene, $\text{C}_5\text{H}_5\text{N}$, CHCl_3 , ethylene bromide, dichloroethylene; sparingly soluble in petroleum Et_2O , liquid petrolatum, glycerol. *3M Pharmaceuticals; Adria Labs.; Ciba-Geigy Corp.; ICI Americas Inc.; Key Pharmaceuticals; KV Pharmaceutical; Marion Merrell Dow Inc.; Parke-Davis; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Searle, G.D., & Co.; Schwarz Pharma Kremers Urban Co.; U.S. Ethicals, Inc.*

9776 Oxprenolol

6452-71-7

7086

229-257-9



1-(o-Allyloxyphenoxy)-3-isopropylamino-2-propanol.

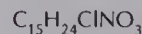
Vasodilator (coronary); antianginal; antihypertensive; antiarrhythmic. β -Adrenergic blocker. mp = 78-80°. *Ciba plc.*

9777 Oxprenolol Hydrochloride

6452-73-9

7086

229-260-5



1-(o-Allyloxyphenoxy)-3-isopropylamino-2-propanol hydrochloride.

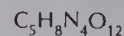
Ba-39089; Coretal; Laracor; Paritane; Slow-Pren; Trasacor; Trasacor. Vasodilator (coronary); antianginal; antihypertensive; antiarrhythmic. β -Adrenergic blocker. mp = 107-109°. *Ciba plc.*

9778 Pentaerythritol Tetranitrate

78-11-S

7249

201-084-3



2,2-Bis[(nitrooxy)methyl]-1,3-propanediol dinitrate (ester).

PETN; nitropentaerythritol; penthril; niperyt; Lenrat; Hasethrol; Mycardol, Nitropenton; Pentral 80; Dilcoran-80; Terpat; Pentrite; Perityl; Pentritol; Pentanitrine; Peritrate; Prevangor; Subicard; Pentryate; Vasodiatol;

Neo-Corovas; Pentafin; Quintrate; Pergitral; Pentitrate; Metranil; Cardiacap; Angitet; Nitropenta; component of: Miltrate, SDM No. 23, SDM No. 35. Vasodilator (coronary). CAUTION: Explodes on percussion. More sensitive to shock than TNT. Dilution with an inert ingredient helps to prevent accidental explosions. mp = 140°; $d_4^{20} = 1.773$; soluble in Me_2CO ; nearly insoluble in H_2O ; sparingly soluble in EtOH, Et_2O . *ICI Americas Inc.*; *Parke-Davis*; *Rhône-Poulenc Rorer Pharmaceuticals Inc.*; *Wallace Labs*.

9779 Pentritinol

1607-17-6 7280 216-529-7



Pentaerythritol trinitrate.

W-2197; Petrin. Vasodilator (coronary). Related to pentaerythritol tetranitrate. CAUTION: Explosive. Dilution with an inert ingredient helps to prevent accidental explosions. Viscous liquid; $n_D^{20} = 1.4941$; $d_4^{20} = 1.554$; slightly soluble in H_2O (0.705 g/100 ml); more soluble in C_6H_6 (21.40 g/100 ml); highly soluble in EtOH, Et_2O . *Parke-Davis*; *Warner Lambert*.

9780 Perhexiline

6621-47-2 7305 229-569-5

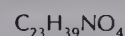


2-(2,2-Dicyclohexylethyl)piperidine.

perhexilene. Vasodilator (coronary); diuretic. Calcium blocking agent. *Marion Merrell Dow Inc.*

9781 Perhexiline Maleate

6724-53-4 7305 229-775-5



2-(2,2-Dicyclohexylethyl)piperidine maleate (1:1).

perhexilene maleate; Pexid. Vasodilator (coronary); diuretic. Calcium blocking agent. mp = 188.5-191°; LD_{50} (rat orl) > 7000 mg/kg, (mus orl) = 4370 mg/kg. *Marion Merrell Dow Inc.*

9782 Pimefylline

10001-43-1 7584

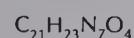


7-[2-[(3-Pyridylmethyl)amino]ethyl]theophylline.

pimephylline; ES-771. Vasodilator (coronary). mp = 111-112°; $\lambda_m = 270$ nm (in H_2O); soluble in H_2O , CHCl_3 , Me_2CO , EtOH; LD_{50} (mus orl) = 1900 mg/kg, (mus iv) = 402 mg/kg. *Pluriquimica*.

9783 Pimefylline Nicotinate

10058-07-8 7584 233-185-3



7-[2-[(3-Pyridylmethyl)amino]ethyl]theophylline nicotinate.

ES-902; Teonicon. Vasodilator (coronary). mp = 159-160°; $\lambda_m = 267$ nm (in H_2O); soluble in H_2O ; slightly soluble in MeOH; nearly insoluble in Me_2CO , CHCl_3 ; LD_{50} (mus orl) = 2530 mg/kg, (mus iv) = 470 mg/kg. *Pluriquimica*.

9784 Prenylamine

390-64-7 7919 206-869-4



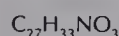
N-(3,3-Diphenylpropyl)- α -methylphenethylamine.

B-436; Elecor. Vasodilator (coronary). mp = 36.5-37.5°.

Hoechst.

9785 Prenylamine Lactate

69-43-2 7919 200-705-5



N-(3,3-Diphenylpropyl)- α -methylphenethylamine lactate.

Angormin; Bismetin; Carditin-Same; Coredamin; Corontin; Crepasin; Daxauten; Hostaginan; Incoran; Irrorin; Lactamin; Plactamin; Reocorin; Roinin; Seccidin; Sedolaton; Segontin; Synadrin. Vasodilator (coronary). mp = 140-142°; $\lambda_m = 260$ nm ($E_{1\text{cm}}^{1\%}$ 170 in CHCl_3); sparingly soluble in H_2O (0.5%); soluble in organic solvents. *Hoechst*.

9786 Propatyl Nitrate

2921-92-8 7995 220-866-5

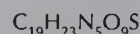


2-Ethyl-2-(hydroxymethyl)-1,3-propanediol trinitrate.

ettriol trinitrate; ETTN; Win-9317; Atrilon 5; Etrynit; Gina; Ginapect; Vassangor. Vasodilator (coronary). CAUTION: Explosive, but only slightly sensitive to shock. mp = 51-52°; soluble in Me_2CO , EtOH; nearly insoluble in H_2O ; lowest explosive temperature is 220°; heat of combustion = 829.2 kcal/mol. *Sterling Winthrop, Inc.*

9787 Pyridofylline

53403-97-7 8159 258-521-6



Pyridoxol salt of 7-(2-hydroxyethyl)thophylline hydrogen sulfate ester.

Atherophylline. Vasodilator (coronary). mp = 144-146°; LD_{50} (mus iv) = 1000 mg/kg, (mus orl) = 1600 mg/kg.

9788 Terodiline

15793-40-5 9311



N-tert-Butyl-1-methyl-3,3-diphenylpropylamine.

Antianginal; vasodilator (coronary). Calcium antagonist with anticholinergic and vasodilatory activity. Also used in treatment of urinary incontinence. Liquid; $\text{bp}_{1.0} = 130-132^\circ$. *Marion Merrell Dow Inc.*

9789 Terodiline Hydrochloride

7082-21-5 9311

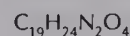


N-tert-Butyl-1-methyl-3,3-diphenylpropylamine hydrochloride.

Bicor; Mictrol; Micturin. Antianginal; vasodilator (coronary). mp = 178-180°; soluble in MeOH; slightly soluble in Et_2O . *Marion Merrell Dow Inc.*

9790 Tolamolol

38103-61-6 253-783-8

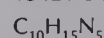


4-[2-[[2-Hydroxy-3-(2-methylphenoxy)propyl]amino]ethoxy]benzamide.

Vasodilator (coronary); cardiac depressant (antiarrhythmic); antiadrenergic (β -receptor). *Pfizer Inc.*

9791 Trapidil

15421-84-8 9709 239-434-2



7-(Diethylamino)-5-methyl-2-triazolo[1,5-a]pyrimidine.

trapymin; AR-12008; Avantrin; Rocornal. Vasodilator (coronary). A triazolopyrimidine. mp = 98-99.4° (also as

102-104°); λ_m 222, 270, 307 nm (log ϵ 4.28, 3.83, 4.28 MeOH); pK_s = 2.79; soluble in H₂O, 1N sulfuric acid, 10% ammonium hydroxide, MeOH, iPrOH, n-BuOH, CHCl₃, C₆H₆, Et₂O; nearly insoluble in C₆H₁₄, C₇H₁₆; very stable except under extremely alkaline conditions; LD₅₀ (mus iv) = 115 mg/kg, (mus orl) = 380 mg/kg, (mus ip) = 155 mg/kg, (mus sc) = 132 mg/kg.

9792 Tricromyl

85-90-5 9791 201-641-0
C₁₀H₈O₂
3-Methyl-4(H)-chromen-4-one.
methylchromone; Cromonalgina. Antispasmodic; vasodilator (coronary). Originated from an ancient Egyptian drug now termed *bezr el khelda*. mp = 68°; λ_m = 304 nm (in EtOH).

9793 Trimetazidine

5011-34-7 9835 225-690-2
C₁₄H₂₂N₂O₃
1-(2,3,4-Trimethoxybenzyl)piperazine.
40045. Antianginal; vasodilator (coronary). *Sci. Union et Cie, France*.

9794 Trimetazidine Dihydrochloride

13171-25-0 9835 236-117-0
C₁₄H₂₄Cl₂N₂O₃
1-(2,3,4-Trimethoxybenzyl)piperazine dihydrochloride.
Kyurinett; Vastarel F; Yoshimilon. Antianginal; vasodilator (coronary). mp = 225-228°; LD₅₀ (mmus iv) = 91 mg/kg, (mmus ip) = 264 mg/kg, (mmus orl) = 608 mg/kg. *Sci. Union et Cie, France*.

9795 Trolnitrate Phosphate

588-42-1 9900 209-617-1
C₆H₁₈N₄O₁₇P₂
2,2',2''-Nitritotrisethanol trinitrate (ester) phosphate (1:2) salt.
Angitrit; Bentonyl; Duronitrin; Metamed; Nitretamin; Nitroduran; Ortin; Praentiron; Vasomed. Antianginal. mp = 107-109°. *Bristol-Myers Squibb Co.; Schering Corp.*

9796 Visnadine

477-32-7 10147 207-515-1
C₂₁H₂₄O₇
3,4,5-Trihydroxy-2,2-dimethyl-6-chromanacrylic acid δ -lactone 4-acetate 3-(2-methylbutyrate).
Cardine; Carduben; Vibeline; Visnamine. Vasodilator (coronary). mp = 85-88°; $[\alpha]_D^{20}$ = +9.2° (EtOH); $[\alpha]_D^{30}$ = +42.5° (c = 2 in dioxane); slightly soluble in H₂O; very soluble in EtOH, MeOH, CHCl₃, Me₂CO, Et₂O, C₆H₆, DMF; LD₅₀ (mus orl) = 2240 mg/kg, (mus sc) >370 mg/kg. *Penick*.

Vasodilators, Peripheral**9797 Acetylcholine Chloride**

60-31-1 88 200-468-8
C₇H₁₆ClNO₂
2-(Acetyloxy)-N,N,N-trimethylethanaminium chloride.
Miochol. Cholinergic; cardiac depressant; miotic; vasodilator (peripheral). mp = 149-152°; soluble in cold

H₂O, EtOH; decomposed by hot H₂O, alkalis; practically insoluble in Et₂O. *lolab*.

9798 Alprostadil

745-65-3 8063 212-017-2
C₂₀H₃₄O₅
(1R,2R,3R)-3-Hydroxy-2-[(E)-(3S)-3-hydroxy-1-octenyl]-5-oxocyclopentaneheptanoic acid.
prostaglandin E₁; PGE₁; U-10136; Caverject; Liple; Minprog; Palux; Prostandin; Prostine VR; Prostin VR Pediatric; Prostavas. Vasodilator (peripheral). Primary prostaglandin isolated from purified biological extracts. mp = 115-116°; $[\alpha]_{578}$ = -61.6° (c = 0.56 in THF). *Upjohn, Ltd.*

9799 Aluminum Nicotinate

1976-28-9 364 217-832-7
C₁₈H₁₂AlN₃O₆
3-Pyridinecarboxylic acid aluminum salt.
nicotinic acid aluminum salt; Alunitine Nicolex. Vasodilator (peripheral); antihyperlipoproteinemic. *Walker Labs.*

9800 Amyl Nitrite

110-46-3 5137 203-770-8
C₅H₁₁NO₂
Isopentyl nitrite.
isoamyl nitrite; pentyl nitrite; Amyl Nitrite, Vaporole. Vasodilator. Unstable, flammable liquid; decomposes on exposure to air, light; bp = 97-99° (volatilizes at lower temperatures); d_{25}^{25} = 0.875; n_D^{21} = 1.3781; slightly soluble in H₂O; miscible with EtOH, CHCl₃, Et₂O. *Burroughs Wellcome*.

9801 Bamethan

3703-79-5 981 223-043-9
C₁₂H₁₉NO₂
 α -[(Butylamino)methyl]-p-hydroxybenzyl.
Butyl-Nor-Sympatol. Vasodilator (peripheral). mp = 123.5-125°.

9802 Bamethan Sulfate

5716-20-1 981 227-214-9
C₂₄H₄₀N₂O₈S
 α -[(Butylamino)methyl]-p-hydroxybenzyl alcohol sulfate (2:1) (salt).
Bupatol; Butedrin; Garmian; Rotesar; Vasculat; Vasculit; Vascunicol. Vasodilator (peripheral).

9803 Bencyclane

2179-37-5 1060 218-547-0
C₁₉H₃₁NO
3-[(1-Benzylcycloheptyl)oxy]-N,N-dimethylpropylamine.
bencyclane. Vasodilator (peripheral, cerebral). bp₃ = 146-156°. *EGYT*.

9804 Bencyclane Fumarate

14286-84-1 1060 238-204-9
C₂₃H₃₅NO₅
3-[(1-Benzylcycloheptyl)oxy]-N,N-dimethylpropylamine fumarate.
EGYT-201; Angiociclan; Dantrium; Dilangio; Fludilat; Fluxema; Halidor; Vasorelax. Vasodilator (peripheral, cerebral). mp = 131-133°; soluble in H₂O (1 g/100 ml at

25°); readily soluble in EtOH; slightly soluble in Me₂CO; λ_m (pH 3.4-6.6) = 207 nm; LD₅₀ (mus orl) = 445.6 mg/kg, (mus iv) = 49.9 mg/kg, (mus ip) = 132 mg/kg, (mus sc) = 203 mg/kg. *EGYT*.

9805 Betahistine

5638-76-6 1224 227-086-4
C₈H₁₂N₂
2-[2-(Methylamino)ethyl]pyridine.
Vasodilator (peripheral). Liquid; bp₃₀ = 113-114°; soluble in H₂O, EtOH, Et₂O, CHCl₃.

9806 Betahistine Hydrochloride

5579-84-0 1224 226-966-5
C₈H₁₄Cl₂N₂
2-[2-(Methylamino)ethyl]pyridine dihydrochloride.
Betaseric; Serc; Vasomotal. Vasodilator (peripheral). mp = 148-149°. *Unimed, Inc.*

9807 Betahistine Maleate

1224
C₁₂H₁₆N₂O₄
2-[2-(Methylamino)ethyl]pyridine maleate (1:1).
Suzutolon. Vasodilator (peripheral).

9808 Biclodil

85125-49-1
C₈H₈Cl₂N₄O
[(2,6-Dichlorophenyl)amidino]urea.
Antihypertensive (vasodilator).

9809 Biclodil Hydrochloride

75564-40-8
C₈H₉Cl₃N₄O
[(2,6-Dichlorophenyl)amidino]urea monohydrochloride.
WHR-1051B. Antihypertensive (vasodilator).

9810 Bradykinin

58-82-2 1386 200-398-8
C₅₀H₇₃N₁₅O₁₁
Kallidin I.
callidin I; kallidin-9; BRS-640. Vasodilator. A tissue hormone; a member of the plasma kinin family, a group of hypotensive peptides. Acts on smooth muscle, dilates peripheral vessels, increases capillary permeability. A potent pain-producing agent. Amorphous precipitate; $[\alpha]_D^{25}$ = -76.5° (c = 1.37 in 1N AcOH); soluble in glacial AcOH, 10% trichloroacetic acid, 70% EtOH; less soluble in 90% EtOH, cold MeOH; nearly insoluble in nonpolar organic solvents. *Squibb, E.R. & Sons.*

9811 Brovincamine

57475-17-9 1473
C₂₁H₂₅BrN₂O₃
(3 α ,14 β ,16 α)-11-Bromo-14,15-dihydro-14-hydroxyeburamenine-14-carboxylic acid methyl ester.
11-brovincamine. Vasodilator (peripheral). A vincamine derivative. mp = 214° (dec); $[\alpha]_D^{20}$ = +8.7° (1% in CHCl₃). *Sandoz Pharmaceuticals Corp.*

9812 Brovincamine Hydrogen Fumarate

84964-12-5 1473 "
C₂₅H₂₉BrN₂O₇
(3 α ,14 β ,16 α)-11-8romo-14,15-dihydro-14-hydroxyeburamenine-14-carboxylic acid methyl ester

hydrogen fumarate.

BV-26-723; Sabromin; Zabromin. Vasodilator (peripheral). A vincamine derivative. mp = 144°; $[\alpha]_D^{20}$ = +4.7° (0.388% in H₂O). *Sandoz Pharmaceuticals Corp.*

9813 Bufeniode

22103-14-6 1495 244-781-8
C₁₈H₂₃I₂NO₂
4-Hydroxy-3,5-diiodo- α -[1[(1-methyl-3-phenylpropyl)amino]ethyl] benzyl alcohol.
HF-241; diiodobuphenine; Diastal; Proclival. Antihypertensive; Vasodilator (peripheral). mp (slow heating) = 185° (some decomposition); mp (fast heating) = 212°; LD₅₀ (mus ip) > 600 mg/kg, (mus orl) > 2000 mg/kg. *Lab. Houdé.*

9814 Buflomedil

55837-25-7 1498 259-851-3
C₁₇H₂₅NO₄
2',4',6'-Trimethoxy-4-(1-pyrrolidinyl)butyrophenone.
Vasodilator (peripheral). *Orsymonde.*

9815 Buflomedil Hydrochloride

35543-24-9 1498 252-611-9
C₁₇H₂₆ClNO₄
2',4',6'-Trimethoxy-4-(1-pyrrolidinyl)butyrophenone monohydrochloride.
LL-1656; Bufedil; Buflan; Buflocit; Buflonat; Fonzylane; Irrodan; Lofton; Loftyl; Provas. Vasodilator (peripheral). mp = 192-193°; LD₅₀ (mus iv) $\approx$ 80 mg/kg. *Orsymonde; C.M. Industries.*

9816 Butalamine

22131-35-7 1535 244-794-9
C₁₈H₂₈N₄O
N,N-Dibutyl-N'-(3-phenyl-1,2,4-oxadiazol-5-yl)-1,2-ethanediamine.
Vasodilator (peripheral).

9817 Butalamine Hydrochloride

56974-46-0 1535
C₁₈H₂₉ClN₄O
N,N-Dibutyl-N'-(3-phenyl-1,2,4-oxadiazol-5-yl)-1,2-ethanediamine hydrochloride.
LA-1221; Adrevil; Hemotrope; Surem; Surheme. Vasodilator (peripheral). mp = 145°; LD+si50 (mus iv) = 43 mg/kg, (mus sc) = 2500 mg/kg, (mus orl) = 625 mg/kg, (rat sc) > 4000 mg/kg, (rat orl) = 1600 mg/kg.

9818 Buterizine

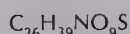
68741-18-4
C₃₁H₃₈N₄
2-Butyl-5-[[4-(diphenylmethyl)-1-piperazinyl]methyl]-1-ethylbenzimidazole.
R-38198. Vasodilator (peripheral). *Janssen Pharmaceutical, Belgium.*

9819 Cetiedil

14176-10-4 2062 238-028-2
C₂₀H₃₁NO₂S
2-(Hexahydro-1H-azepin-1-yl)ethyl α -cyclohexyl-3-thiopheneacetate.
Vasodilator (peripheral). *Innothera.*

9820 Cetiedil Citrate

16286-69-4 2062 240-381-2

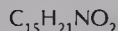


2-(Hexahydro-1H-azepin-1-yl)ethyl α -cyclohexyl-3-thiopheneacetate citrate (1:1).

Celsis; Stratene; Vasocet. Vasodilator (peripheral). mp = 115°. *Innothera; McNeil Pharmaceutical.*

9821 Ciclonicate

53449-58-4 2324 258-561-4

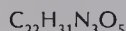


trans-3,3,5-Trimethylcyclohexyl nicotinate.

cyclonicate; P-350; Bled. Vasodilator (peripheral). Liquid; bp_{0.6} = 127-128°. *Takeda.*

9822 Cinepazide

23887-46-9 2350 245-928-9

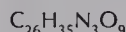


1-[2-Oxo-2-(1-pyrrolidinyl)ethyl]-4-[1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl]piperazine.

Vasodilator (peripheral). *Delandale Labs., Ltd.*

9823 Cinepazide Maleate

26328-04-1 2350 247-613-1

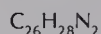


1-[2-Oxo-2-(1-pyrrolidinyl)ethyl]-4-[1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propenyl]piperazine maleate (1:1). MD-67350; Brendil; Vasodistal. Vasodilator (peripheral).

mp = 135°; LD₅₀ (mus orl) = 1000 mg/kg, (mus iv) = 617 mg/kg. *Delandale Labs., Ltd.*

9824 Cinnarizine

298-57-7 2365 206-064-8

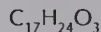


1-Cinnamyl-4-(diphenylmethyl)piperazine.

cinnipirine; R-516; R-1575; 516-MD; Aplactan; Aplexal; Apotomin; Artate; Carecin; Cerebolan; Cerepar; Cinaperazine; Cinazyn; Cinnacet; Cinnageron; Corathiem; Denapol; Dimitron; Eglen; Folcodal; Giganten; Glanil; Hilactan; Ixterol; Katoseran; Labyrin; Midronal; Mitronal; Olatin; Processine; Sedatromin; Sepan; Siptazin; Spaderizine; Stugeron; Stutgeron; Stutgin; Toliman; component of: Emesazine. Antihistaminic; vasodilator (peripheral, cerebral). Calcium channel blocker with anti-allergic and anti-vasoconstricting activity. *Janssen Pharmaceutical, Belgium.*

9825 Cyclandelate

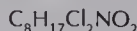
456-59-7 2771 207-271-6



3,3,5-Trimethylcyclohexanol- α -phenyl- α -hydroxyacetate. BS-572; Cyclergine; Cyclobral; Cyclolyt; Cyclomandel; Cyclospasmol; Natil; Novodil; Perebral; Spasmocyclon. Vasodilator (peripheral). mp = 55.0-5.6°; bp₁₄ = 192-193°; λ_{m} = 269, 258, 251 nm (ϵ 1575, 2020, 1630 EtOH); soluble in CHCl_3 , MeOH, CH_3CN , EtOAc, DMF, C_7H_8 ; insoluble in H_2O . *American Home Products; Brocades-Stheeman & Pharmacia; Xoma Corp.*

9826 Diisopropylamine Dichloroacetate

660-27-5 3241 211-538-2



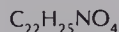
Dichloroacetic acid compound with N-(1-methylethyl)-2-propanamine (1:1).

diisopropylamine dichloroethanoate; DADA; DIPA-DCA; IS-401; Dapocel; Dedyli; DIEDI; Dišotat; Kalodil; Oxypanam; Tensicor; component of: pangamic acid.

Vasodilator (peripheral). mp = 119-121°; soluble in H_2O ($\geq 50\%$); LD₅₀ (mus orl) = 1700 mg/kg.

9827 Dimoxyline

147-27-3 3318



1-(4-Ethoxy-3-methoxybenzyl)-6,7-dimethoxy-3-methylisoquinoline.

dioxyline; Paveril. Vasodilator (peripheral). mp = 124-125°. *Eli Lilly & Co.*

9828 Eledoisin

69-25-0 3579



5-Oxo-L-propyl-L-seryl-L-lysyl-L-aspartyl-L-alanyl-L-phenylalanyl-L-isoeucylglycyl-L-leucyl-L-methioninamide.

ELD-950. Hypotensive; stimulator of lacrimal secretion; vasodilator. A hendecapeptide from the posterior salivary glands of eledone spp (a small octopus). Possesses physiological action similar to other tachykinins: stimulates extravascular smooth muscle, acts as a potent vasodilator and hypotensive agent. Sesquihydrate powder dec at 230°; $[\alpha]_{\text{D}}^{22}$ = -44° (c = 1 in 95% AcOH); slowly loses activity when incubated in blood. *Farmitalia.*

9829 Felodipine

72509-76-3 3991

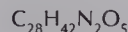


4-(2,3-Dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinecarboxylic acid ethyl methyl ester.

H-154/82; Agon; Feloday; Flodil; Hydac; Munobal; Plandil; Prevex; Splendil. Antihypertensive; antianginal; vasodilator. Dihydropyridine calcium channel blocker marketed as the racemate. mp = 145°. *Astra Hässle AB; Astra Sweden; Merck & Co., Inc.*

9830 Fenoxedil

54063-40-0 4026



2-(p-Butoxyphenoxy)-N-(2,5-diethoxyphenyl)-N-[2-(diethylamino)ethyl]acetamide.

Vasodilator (cerebral).

9831 Fenoxedil Hydrochloride

27471-60-9 4026 248-478-1

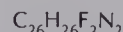


2-(p-Butoxyphenoxy)-N-(2,5-diethoxyphenyl)-N-[2-(diethylamino)ethyl]acetamide monohydrochloride.

Suplexedil. Vasodilator (cerebral). mp = 140°; LD₅₀ (mus orl) = 750°, (mus iv) = 17 mg/kg.

9832 Flunarizine

52468-60-7 4179 257-937-5



(E)-1-[Bis-(p-fluorophenyl)methyl]-4-cinnamylpiperazine.

Vasodilator (peripheral, cerebral). Calcium channel blocker. Fluorinated derivative of cinnarizine. *Janssen Pharmaceutical Inc.*

9833 Flunarizine Hydrochloride

30484-77-6 4179 250-216-6



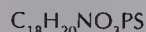
(E)-1-[Bis-(p-fluorophenyl)methyl]-4-cinnamylpiperazine dihydrochloride.

R-14950; Dinaplex; Flugeral; Flunagen; Flunarli;

Fluxarten; Gradient; Issium; Mondus; Sibelium. Vasodilator (peripheral, cerebral). Calcium channel blocker. mp = 251.5°. *Janssen Pharmaceutical Inc.*

9834 Fostedil

75889-62-2

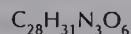


Diethyl (p-2-benzothiazolylbenzyl)phosphonate.

A-53986; KB-944. Vasodilator (peripheral). Calcium channel blocker. *Abbott Labs.; Kanebo.***9835 Hepronicate**

7237-81-2

4688



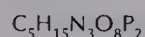
2-Hexyl-2(hydroxymethyl)-1,3-propanediol trinitrate.

Megrin. Vasodilator (peripheral). mp = 94-96°. *Yoshitomi.***9836 Histamine Phosphate**

51-74-1

4756

200-118-4



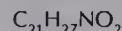
1H-Imidazole-4-ethanamine phosphate (1:2).

Histapon. Gastric secretion stimulant; antiallergic (hyposensitization therapy); vasodilator. A potent vasodilator found in normal tissues and blood; stimulates secretion of pepsin and acid by stomach. mp = 140°; soluble in H₂O.**9837 Ifenprodil**

23210-56-2

4936

245-491-4

4-Benzyl- α -(p-hydroxyphenyl)- β -methyl-1-piperidineethanol.RC-61-91. Vasodilator (cerebral, peripheral). mp = 114°. *Robert et Carriere.***9838 Ifenprodil Tartrate**

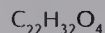
23210-56-2

4936

4-Benzyl- α -(p-hydroxyphenyl)- β -methyl-1-piperidineethanol tartrate (2:1).Cercoral; Dilvax; Vadilex. Vasodilator (cerebral, peripheral). mp = 178-180°; soluble in EtOH, H₂O; slightly soluble in Me₂CO CHCl₃; nearly insoluble in Et₂O; LD₅₀ (mmus iv = 17 mg/kg, (mmus ip) = 120 mg/kg, (mmus orl) = 275 mg/kg. *Robert et Carriere.***9839 Iloprost**

73873-87-7

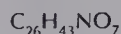
4940



5-[Hexahydro-5-hydroxy-4-(3-hydroxy-4-methyl-1-octen-6-ynyl)-2(1H)-pentalenylidene]pentanoic acid.

ciloprost; ZK-36374. Antithrombotic; vasodilator (peripheral). Prostacyclin analog; 1:1 mixture of 16 α - and 16 β -methyl diastereomers. Colorless oil. *Schering AG.***9840 Iloprost Tromethamine**

4940



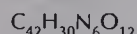
5-[Hexahydro-5-hydroxy-4-(3-hydroxy-4-methyl-1-octen-6-ynyl)-2(1H)-pentalenylidene]pentanoic acid tromethamine.

Endoprost; Ilomedin. Antithrombotic; vasodilator (peripheral). *Schering AG.***9841 Inositol Niacinate**

6556-11-2

5009

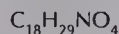
229-485-9



myo-Inositol hexa-3-pyridinecarboxylate.

inositol nicotinate; hexanicotinoyl inositol; inositol hexanicotinate; meso-inositol hexanicotinate; Dilcit; Dilexpal; Esantene; Hämovannid; Hexanicit; Hexopal; Linodil; Mesonex; Mesotal; Palohex. Vasodilator (peripheral). mp = 254.3-254.9°; nearly insoluble in H₂O; soluble in dilute acids.**9842 Iproxamine**

52403-19-7



5-[2-(Dimethylamino)ethoxy]carvacryl isopropyl carbonate.

Vasodilator.

9843 Iproxamine Hydrochloride

51222-37-8



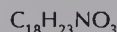
5-[2-(Dimethylamino)ethoxy]carvacryl isopropyl carbonate hydrochloride.

Go-2782; W-42782. Vasodilator. *Parke-Davis.***9844 Isoxsuprine**

395-28-8

5259

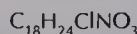
206-898-2

4-Hydroxy- α -[1-[(1-methyl-2-phenoxyethyl)amino]ethyl]-benzyl alcohol.Vasodilator (peripheral). mp = 102.5-103.5°. *N. Am. Philips.***9845 Isoxsuprine Hydrochloride**

579-56-6

5259

209-443-6

4-Hydroxy- α -[1-[(1-methyl-2-phenoxyethyl)amino]ethyl]-benzyl alcohol hydrochloride.Dilavase; Divadilam; Duviculine; Isolait; Navilox; Suprilent; Vadosilan; Vasodilan; Vasoplex; Vasotran. Vasodilator (peripheral). mp = 203-204°; slightly soluble in H₂O (2% at 25°); soluble in EtOH; LD₅₀ (rat orl) = 1750 mg/kg, (rat ip) = 164 mg/kg. *Lemmon Co.; Mead Johnson Labs.; N. Am. Philips.***9846 Isoxsuprine Resinate**

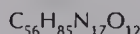
5259

Defencin. Vasodilator (peripheral). *N. Am. Philips.***9847 Kallidin**

342-10-9

5290

206-438-0

N²-L-Lysylbradykinin.kallidin-10; kallidin-II. Vasodilator. Hypotensive and smooth muscle-stimulating principle. Decapeptide with structure homologous to bradykinin. Amorphous precipitate; $[\alpha]_D^{25} = -57^\circ$ (c = 1 in 1N AcOH).**9848 Kallikrein**

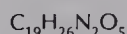
9001-01-8

5291

232-574-5

Kallidinogenase.

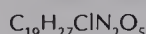
Callicrein; Padreatin; Padukrein; Glumorin; Depot-Glumorin; Circuletin; Kalirechin; Onokrein P; Padutin; Prokrein; Promotin. Vasodilator. Hypotensive enzyme that releases kinins from plasma proteins. *Bayer AG.*

9849 Mesuprine
7451-30-2

2'-Hydroxy-5'-[1-hydroxy-2-[p-methoxyphenethyl)-amino]propyl]methanesulfonanilide.
Vasodilator; muscle relaxant.

9850 Mesuprine Hydrochloride

7660-71-1



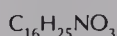
2'-Hydroxy-5'-[1-hydroxy-2-[p-methoxyphenethyl)-amino]propyl]methanesulfonanilide monohydrochloride.
MJ-1987. Vasodilator; muscle relaxant.

9851 Moxislyte

54-32-0

6374

200-204-1



[2-(4-Acetoxy-2-isopropyl-5-methylphenoxy)-ethyl]dimethylamine.

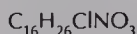
thymoxamine. Vasodilator (peripheral). C.M. Industries.

9852 Moxislyte Hydrochloride

964-52-3

6374

213-519-4



[2-(4-Acetoxy-2-isopropyl-5-methylphenoxy)-ethyl]dimethylamine monohydrochloride.

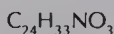
Arlitine; Moxyl; Oplon; Uroalpha; Vasoklin. Vasodilator (peripheral). mp = 208-210°; LD₅₀ (mus orl) ≅ 265, (rat orl) ≅ 740 mg/kg, (mus sc) ≅ 200 mg/kg, (rat sc) ≅ 190 mg/kg. C.M. Industries.

9853 Nafronyl

31329-57-4

6440

250-572-2



2-(Diethylamino)ethyl ester tetrahydro-α-(1-naphthalenylmethyl)-2-furanpropanoic acid.
naftidrofuryl; Dubimax; Gevatran; Tridus. Vasodilator.
bp0.5° = 190°; D₄³¹ = 1.0465; n_D²⁰ = 1.5513; LD₅₀ (mus orl) = 365 mg/kg. Lipla.

9854 Nafronyl Oxalate

3200-06-4

6440

221-703-0



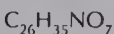
2-(Diethylamino)ethyl ester tetrahydro-α-(1-naphthalenylmethyl)-2-furanpropionate oxalate (1:1).
nafronyl acid oxalate; EU-1806; LS-121; Citoxid; Di-Actane; Dusodril; Praxilene. Vasodilator. mp = 110-111°; soluble in H₂O. Lipla.

9855 Nafronyl Oxalate

3200-06-4

6440

221-703-0



2-(Diethylamino)ethyl ester tetrahydro-α-(1-naphthalenylmethyl)-2-furanpropionate oxalate (1:1).
nafronyl acid oxalate; EU-1806; LS-121; Citoxid; Di-Actane; Dusodril; Praxilene. Vasodilator. mp = 110-111°; soluble in H₂O. Lipla.

9856 Nicametate

3099-52-3

6577

221-452-7



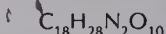
2-(Diethylamino)ethyl nicotinate.

Eucast. Vasodilator (peripheral, cerebral). Liquid; bp₁₀ = 155-157°; bp₂ = 120-125°.

9857 Nicametate Citrate Monohydrate

1641-74-3

6577



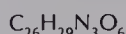
2-(Diethylamino)ethyl nicotinate citrate monohydrate.
Euclidan; Nutrín; Soclidan. Vasodilator (peripheral, cerebral).

9858 Nicardipine

55985-32-5

6579

259-932-3



2-(Benzylmethylamino)ethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate.

Antianginal; antihypertensive; vasodilator.
Dihydropyridine calcium channel blocker. Yamanouchi U.S.A. Inc.

9859 Nicardipine Hydrochloride

54527-84-3

6579

259-198-4



2-(Benzylmethylamino)ethyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate monohydrochloride.

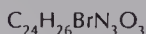
RS-69216; YC-93; Barizin; Bioncard; Cardene; Dacarel; Lecibral; Lescodil; Loxen; Nerdipina; Nicant; Nicardal; Nicarpin; Nicapress; Nicodel; Nimicor; Perdipina; Perdipine; Ranvil; Ridene; Rycarden; Rydene; Vasodin; Vasonase. Antianginal; antihypertensive; vasodilator.
Dihydropyridine calcium channel blocker. LD₅₀ (mrat orl) = 634 mg/kg, (mrat iv) = 18.1 mg/kg; [α form]: mp = 179-181°; [β form]: mp = 168-170°. Yamanouchi U.S.A. Inc.; Syntex Labs. Inc.

9860 Nicergoline

27848-84-6

6580

248-694-6



10-Methoxy-1,6-dimethylergoline-8β-methanol 5-bromonicotinate (ester).

nicotergoline; nimergoline, MNE; FI-6714; Cergodum; Circo-Maren; Dilasenil; Duracebrol; Ergotop; Ergobel; Memoq; Nicergolent; Sermion; Vasospan. Vasodilator (peripheral, cerebral). mp = 136-138°; LD₅₀ (mmus orl) = 860, (mrat orl) = 2800, (mmus iv) = 46 mg/kg. Farmitalia.

9861 Nicofuranose

15351-13-0

6605

239-385-7



D-Fructofuranose 1,3,4,6-tetranicotinate.

Vasperdil; Bradilan. Vasodilator (peripheral). mp = 140-142°; [α]_D¹⁸ = -8.5° (in CHCl₃). Pluriquimica.

9862 Nicotiny Alcohol

100-55-0

6614

202-864-6



3-Pyridinemethanol.

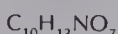
nicotinic alcohol; Nu-2121; Roniacol; Ronicol. Vasodilator (peripheral). Liquid; bp₂₈ = 154°; bp₁₆ = 144-145°; bp₁₂ = 114°; bp0.1:ls = 110°; soluble in H₂O, Et₂O; sparingly soluble in petroleum ether. Hoffmann-LaRoche Inc.

9863 Nicotiny Tartrate

6164-87-0

6614

228-199-1



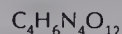
3-Pyridinemethanol D-tartrate.

Roniacol Tartrate; Radecol; Niltuvín. Vasodilator

(peripheral). mp = 147-148°; soluble in H₂O, EtOH.
Hoffmann-LaRoche Inc.

9864 Nitro-erythrite

7297-25-8



Erythrityl tetranitrate.

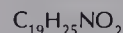
meso-Erythritol tetranitrate; Cardilate; Cardiloid;
Cardivell; Cardiwell; Erythritetranitrat; Erythritol
tetranitrate; Erythrol tetranitrate; Nitroerythrite;
Nitroerythrol; Tetranitrin; Tetranitrol; 1,2,3,4-
Butanetetrayl tetranitrate.

9865 Nyldrin

447-41-6

6830

207-182-2

p-Hydroxy- α -[1-[(methyl-3-phenylpropyl)amino]ethyl]-
benzyl alcohol.

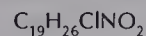
phenyl-sec-butyl norsupifen. Vasodilator (peripheral). mp
= 111-112°. *Troponwerke Dinklage.*

9866 Nyldrin Hydrochloride

849-55-8

6830

212-701-0

p-Hydroxy- α -[1-[(methyl-3-phenylpropyl)amino]ethyl]-
benzyl alcohol hydrochloride.

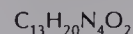
SKF-1700-A; Arlidin; Bufedon; Buphedrin; Dilatal;
Dilatol; Dilatron; Dilydrin; Opino; Penitardon;
Perdilatal; Rudilin; Rydrin; Tocodilydrin; Tocodrin.
Vasodilator (peripheral). Sparingly soluble in H₂O;
slightly soluble in EtOH; nearly insoluble in Et₂O, CHCl₃,
C₆H₆. *Troponwerke Dinklage.*

9867 Pentifylline

1028-33-7

7269

213-842-0



1-Hexyl-3,7-dihydro-3,7-dimethyl-1H-purine-2,6-dione.
SK-7; component of: Cosaldon. Vasodilator (cerebral).
Also used as a stabilizer of vitamin preparations. mp =
82-83°. *Chem. Werke Albert.*

9868 Pentoxifylline

6493-05-6

7278

229-374-5

3,7-Dihydro-3,7-dimethyl-1-(5-oxohexyl)-1H-purine-2,6-
dione.

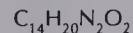
oxpentifylline; vazofirin; BL-191; Azupentat; Durapental;
Rentylin; Torental; Trental. Vasodilator. mp = 105°; λ_m =
273, 208 nm ($\epsilon_{1\text{ cm}}^{1\%}$ 365, 935); soluble in H₂O (0.0077
g/100 l), more soluble in organic solvents; LD₅₀ (mus orl)
= 1385 mg/kg. *Chem. Werke Albert.*

9869 Pindolol

13523-86-9

7597

236-867-9

1-(1H-Indol-4-yloxy)-3-[(1-methylethyl)amino]-2-
propanol.

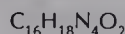
prinodolol; LB-46; Betapindol; Blockin L; Calvisken;
Decreten; Durapindol; Glauco-Visen; Pectobloc;
Pinbetol; Pynastin; Visken. Antianginal; antihypertensive;
antiarrhythmic; antiglaucoma; vasodilator. β -Adrenergic
blocker with partial agonist activity. mp = 171-173°.
Sandoz Pharmaceuticals Corp.

9870 Piribedil

3605-01-4

7648

222-764-6

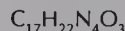
2-[4-(1,3-Benzodioxol-5-ylmethyl)-1-
piperazinyl]pyrimidine.

EU-4200; ET-495; Trivastal. Vasodilator (peripheral).

Central dopanimeric agonist. mp = 98°; LD₅₀ (mus ip) =
690.3 mg/kg. *Sci. Union et Cie, France.*

9871 Pirsidomine

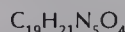
132722-74-8

N-p-Anisoyl-3-(cis-2,6-dimethylpiperidino)sydnone
imine.**9872 Prazosin**

19216-56-9

7897

242-885-8

1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-
furanylcarbonyl)piperazine.

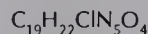
furazosin. Antihypertensive. α -Adrenergic blocker. mp =
278-280°. *Brocades-Stheeman & Pharmacia; Pfizer Inc.*

9873 Prazosin Hydrochloride

19237-84-4

7897

242-903-4

1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-
furanylcarbonyl)piperazine monohydrochloride.

CP-12299-1; Alpress LP; Duramipress; Euxex; Hypovase;
Minipress; Peripress; Sinetens. Antihypertensive. α -
Adrenergic blocker. λ_m = 246, 329 nm (a_m 137, 27 in
MeOHic 0.01N HCl); slightly soluble in Me₂CO (0.0072
mg/ml), CHCl₃ (0.041 mg/ml). *Brocades-Stheeman &*
Pharmacia; Pfizer Inc.

9874 Sodium Nitrite

7632-00-0

8793

231-555-9



Nitrous acid sodium salt.

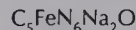
erinitrit. Antidote (cyanide poisoning); vasodilator. Also
used as a reagent in manufacture of inorganic and
organic compounds, as well as in textile dyeing and
printing, photography, meat curing and preserving. mp =
217°; dec above 320°; d = 2.17; soluble in H₂O; slightly
soluble in EtOH; aqueous solution is alkaline; oxidizes to
nitrate in air; LD₅₀ (rat orl) = 180 mg/kg.

9875 Sodium Nitroprusside

14402-89-2

8794

238-373-9



Disodium pentacyanonitrosyl ferrate(2-) dihydrate.

sodium nitroferricyanide; sodium nitroprussiate; Nipruss;
Nipride [dihydrate]; Nitropress [dihydrate].
Antihypertensive. Also used as a reagent in the detection
of many organic compounds and alkali sulfides. Soluble
in H₂O; slightly soluble in EtOH. *Abbott Labs.*
Hoffmann-LaRoche Inc.

9876 Suloctidil

54063-56-8

9160

258-957-7

Erythro-p-(Isopropylthio) α -[1-octylamino]ethylbenzyl
alcohol.

MJF-12637; CP-556S; Bemperil; Cerebro; Circleton;
Dulasi; Dulcotil; Euvasal; Fluversin; Fluvisco; Hemoantin;

langene; Loctidon; Locton; Octamet; Polivasal; Sudil; Sulocton; Sulodene. Vasodilator (peripheral). mp = 62-63°; LD₅₀ (mus orl) = 3700 mg/kg. *Continental Pharma.*

9877 Tipipidil

70895-45-3

C₂₀H₃₅NO₂S

1-[p-(Isopropylthio)phenoxy]-3-(octylamino)-2-propanol. Vasodilator. *Bristol-Myers Squibb Co.*

9878 Tipipidil Hydrochloride

70895-39-5

C₂₀H₃₆ClNO₂S

1-[p-(Isopropylthio)phenoxy]-3-(octylamino)-2-propanol hydrochloride.

MJ-12880-1. Vasodilator. *Bristol-Myers Squibb Co.*

9879 Tolazoline

59-98-3

9645

200-448-9

C₁₀H₁₂N₂

2-Benzyl-2-imidazoline.

phenylmethylinidazoline. Vasodilator (peripheral). *Ciba plc.*

9880 Tolazoline Hydrochloride

59-97-2

9645

200-447-3

C₁₀H₁₃ClN₂

2-Benzyl-2-imidazoline monohydrochloride.

Lambrol; Priscol; Priscoline; Vaso-Dilatan. Vasodilator (peripheral). mp = 174°; soluble in H₂O, EtOH, CHCl₃; slightly soluble in Et₂O, EtOAc; pH (2.5%) = 4.9-5.3. *Ciba plc.*

9881 Viprostol

73647-73-1

C₂₃H₃₆O₅

(±)-Methyl (Z)-7-[(1R,2R,3R)-2-[(E)-(4R)-4-butyl-4-hydroxy-1,5-hexadienyl]-3-hydroxy-5-oxocyclopentyl]-5-heptenoate.

CL-115347. Hypotensive; vasodilator. *Lederle Labs.*

9882 Xanthinol Niacinate

437-74-1

10194

207-115-7

C₁₉H₂₆N₆O₈

7-[2-Hydroxy-3-[(2-hydroxyethyl)methylamino]propyl]-theophylline nicotinate.

xanthinol nicotinate; SK-331-A; Angiomin; Complamin; Sadamin; Xavin. Vasodilator (peripheral). mp = 180°; soluble in H₂O. *Roerig Div., Pfizer Pharmaceuticals.*

9883 Zolertine

4004-94-8

C₁₃H₁₈N₆

1-Phenyl-4-[2-(1H-tetrazol-5-yl)ethyl]piperazine.

Antiadrenergic; vasodilator.

9884 Zolertine Hydrochloride

7241-94-3

C₁₃H₁₉ClN₆

1-Phenyl-4-[2-(1H-tetrazol-5-yl)ethyl]piperazine monohydrochloride.

MA-1277. Antiadrenergic; vasodilator. *Miles.*

Vasoprotectants

9885 α-Escin

66795-86-6

3737

266-482-1

Vasoprotectant. Used in treatment of peripheral vascular disorders. mp = 225-227°; [α]_D²⁵ = -13.5° (c = 5 MeOH); very soluble in H₂O; LD₅₀ (mus iv) = 3.2 mg/kg, (mus orl) = 320 mg/kg, (rat iv) = 5.4 mg/kg, (rat orl) = 720 mg/kg, (gpg iv) = 15.2 mg/kg, (gpg orl) = 475 mg/kg; [sodium salt]: mp = 251.

9886 β-Escin

11072-93-8

3737

Florgencyl. Vasoprotectant. Used in treatment of peripheral vascular disorders. mp = 222-223°; [α]_D²⁷ = -23.7° (c = 5 MeOH); insoluble in H₂O; LD₅₀ (mus iv) = 1.4 mg/kg, (mus orl) = 134 mg/kg, (rat iv) = 2.0 mg/kg, (rat orl) = 400 mg/kg, (gpg iv) = 7.2 mg/kg, (gpg orl) = 475 mg/kg.

9887 Azetirelin

9S729-65-0

C₁₅H₂₀N₆O₄

(-)-N-[[[(2S)-4-Oxo-2-azetidiny]carbonyl]-L-histidyl-L-prolinamide.

Thyrotropin-releasing hormone.

9888 Benzarone

1477-19-6

1091

216-026-2

C₁₇H₁₄O₃

2-Ethyl-3-benzofuranyl p-hydroxyphenylketone.

L-2197. Vasoprotectant. Capillary protectant. mp = 170°; soluble in AcOH (0.52 g/100 ml), C₆H₆ (1.61 g/100 ml), chlorobenzene (2.05 g/100 ml); soluble in H₂SO₄; LD₅₀ (rbt der) > 3000 mg/kg, (rat ip) = 1500 mg/kg, (mus ip) 290 mg/kg.

9889 Bimocloamol

130493-03-7

C₁₄H₂₀ClN₃O₂

(N-[2-Hydroxy-3-(1-piperidinyl) propoxy]-3-pyridine-carboximidoyl-chloride).

Vasoprotectant. Also ameliorates peripheral neuropathy.

9890 Bioflavonoids

1269

Vitamin P complex; citrul flavonoid compounds; Arlilflav; Pectitol Veinogène; CVP

Vasoprotectant. Capillary protectant. *U. S. Vitamin.*

9891 Chromocarb

4940-39-0

2294

225-S83-0

C₁₀H₆O₄

4-Oxo-4H-1-benzopyran-2-carboxylic acid.

Angiophtal [as diethylamine salt]; Campel; Fludarene. Vasoprotectant. The dimethylamine salt is used as a capillary protectant. mp = 250-251°; 2SS-2S6°; λ_m 230 305 nm (ε 20220 807S); soluble in EtOH, NH₃; sparingly soluble in H₂O; [diethylamine salt (C₁₄H₁₇NO₄)]: mp = 138°; soluble in H₂O; LD₅₀ (mus iv) = 800 mg/kg, (mus orl) > 5000 mg/kg.

9892 Clobenoside

29899-95-4 2419 249-940-5
 $C_{25}H_{32}Cl_2O_6$
 Ethyl 5,6-bis-O-(p-chlorobenzyl)-3-O-propyl-D-glucopyranoside.
 43853; ZY-15028; Arvigol; Floganol. Vasoprotectant.
 $[\alpha]_D^{20} = -17^\circ$ (c = 1 $CHCl_3$); poorly soluble in H_2O . *Ciba-Geigy Corp.*

9893 Diosmin

520-27-4 3350 208-289-7
 $C_{28}H_{32}O_{15}$
 7-[[6-O-(6-Deoxy- α -L-mannopyranosyl)- β -D-glucopyranosyl]oxy]-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-4H-1-benzopyran-4-one.
 barosmin; buchu resin; Diosmil; Diosven; Diovenor; Flebosmil; Flebosten; Hemerven; Insuven; Litosmil; Tovene; Varinon; Ven-Detrex; Venosmine.
 Vasoprotectant. Capillary protectant. [monohydrate]: mp = 275-277° (dec), 283° (dec); λ_m 255 268 345 nm (log ϵ 4.28, 4.25, 4.30 EtOH); insoluble in H_2O , EtOH.

9894 Dobesilate Calcium

20123-80-2 3455 243-531-5
 $C_{12}H_{10}CaO_{10}S_2$
 2,5-Dihydroxybenzenesulfonic acid calcium salt.
 hydroquinone calcium sulfate; Dexium; Doxium.
 Vasoprotectant. Vasotropic. mp > 300° (dec); very soluble in H_2O , EtOH; insoluble in Et_2O , C_6H_6 , $CHCl_3$; LD_{50} (mus) = 700 mg/kg. *Labs. O.M.*

9895 Escin

6805-41-0 3737 229-880-6
 Consists of a mixture of α -Escin and β -escin.
 Saponin isolated from the seed of the horse chestnut tree.
 Aescin; Aescusan; Reparil. Vasoprotectant. Used in treatment of peripheral vascular disorders.

9896 Folescutol

15687-22-6 4252 239-783-0
 $C_{14}H_{15}NO_5$
 6,7-Dihydroxy-4-(morpholinomethyl)coumarin.
 Pholescutol. Vasoprotectant. Capillary protectant. mp = 232°. *Lab. Dausse.*

9897 Folescutol Hydrochloride

36002-19-4 4252 252-831-5
 $C_{14}H_{16}ClNO_5$
 6,7-Dihydroxy-4-(morpholinomethyl)coumarin hydrochloride.
 LD-2988; Covalan. Vasoprotectant. Capillary protectant. mp = 259-261°. *Lab. Dausse.*

9898 Leucocyanidin

480-17-1 5477
 $C_{15}H_{14}O_7$
 3,3',4,4',5,7-Flavanhexol.
 leucocianidol; Flavan; Hamaméiode P; Résivit.
 Vasoprotectant. Capillary protectant. mp > 355°; λ_m 285 nm (EtOH); soluble in H_2O , EtOH, Me_2CO ; insoluble in Et_2O , $CHCl_3$, petroleum ether.

9899 Metescufylline

15518-82-8 6000 239-550-3

$C_{25}H_{31}N_5O_8$
 7-[2-(Dimethylamino)ethyl]theophylline [(7-hydroxy-4-methyl-2-oxo-2H-1-benzopyran-6-yl)oxy]acetate.
 methesacufylline; Veinartan; Venarterin. Vasoprotectant. Capillary protectant. mp = 124°; slightly soluble in cold H_2O , freely soluble in hot H_2O , insoluble in Me_2CO ; LD_{50} (mus iv) = 260 mg/kg. *Lab. Dausse.*

9900 Naftazone

15687-37-3 239-785-1
 $C_{11}H_9N_3O_2$
 1,2-Naphthoquinone 2-semicarbazone.
 Etioven; Mediaven. Vasoprotectant. Insoluble in H_2O .

9901 Quercetin Dihydrate

6151-25-3 8216 204-187-1
 $C_{15}H_{10}O_7$
 2-(3,4-Dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-benzopyran-4-one.
 meletin; sophoretin; cyanidenolon 1522; Natural flavanoid isolated from a variety of plant sources such as ragweed pollen or clover blossom. Vasoprotectant.
 Capillary protectant. Dec 314°; λ_m 258, 375 nm (log ϵ 2.75, 2.75 EtOH); soluble in absolute EtOH (0.34 g/100 ml at 20°, 4.35 g/100 ml at 76°), soluble in AcOH, insoluble in H_2O ; LD_{50} (mus orl) = 160 mg/kg.

9902 Quercetin Pentabenzyl Ether

13157-90-9 8216
 $C_{50}H_{40}O_7$
 2-(3,4-Dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-benzopyran-4-one pentabenzyl ether.
 penta-O-benzylquercetin; Parietrope. Vasoprotectant.
 Capillary protectant. mp = 123-125°; λ_m 249, 343 nm (log ϵ 4.43, 4.14 $CHCl_3$).

9903 Rutin

153-18-4 8456 205-814-1
 $C_{27}H_{30}O_{16} \cdot 3H_2O$
 3-[[6-O-(6-Deoxy- α -L-mannopyranosyl)- β -D-glucopyranosyl]oxy]-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-4H-1-benzopyran-4-one.
 rutoside; melin; phytomelin; eldrin; ilixathin; sophorin; globularicitrin; paliuroside; osyritrin; myrticolarin; violaquercetrin; Birutan; component of: Veliten; Found in many plants, such as the buckwheat plant.
 Vasoprotectant. Capillary protectant. Dec 214-215°; $[\alpha]_D^{23} = 13.82^\circ$ (EtOH), -39.43° (C_5H_5N); soluble in H_2O (0.01 g/100 ml at 20°, 0.5 g/100 ml at 100°), MeOH (14.3 g/100 ml at 65°), C_5H_5N , formamide and alkaline solutions; slightly soluble in EtOH, Me_2CO , EtOAc; insoluble in $CHCl_3$, CS_2 , Et_2O , C_6H_6 , petroleum ether; LD_{50} (mus iv) = 950 mg/kg. *Lederle Labs.*

9904 Siagoside

100345-64-0
 $C_{73}H_{129}N_3O_{30}$
 N-(II'-N-Acetylneuraminosylgangliotetraosyl)ceramid intramolecular ester.
 Ganglioside. May attenuate some morphological and functional deficits related to striatal damage after acute cerebral ischemia.

9905 Troxerutin

7085-55-4 9920 230-389-4



3',4',7-Tris(hydroxyethyl)rutin.

Z 6000; THR; trioxyethylrutin; Posorutin; Ruven; Vastribil; Veinamitol; Veniten. Vasoprotectant. Used in treatment of venous disorders. mp = 181°; soluble in H₂O, glycerol, propylene glycol; insoluble in MeOH, EtOH, Et₂O, C₆H₆, CHCl₃.

Vitamins/Vitamin Sources**9906 Acetatecobalamin**

22465-48-1 4854 245-019-7

Cobinamide acetate (salt) dihydrogen phosphate (ester) inner salt 3'-ester with 5,6-dimethyl-1- α -D-ribofuranoylbenzimidazole.

Depo-gamma; Docelan; Novidroxin. Vitamin, vitamin source. Merck & Co., Inc.

9907 Adenine

73-24-5 150 200-796-1

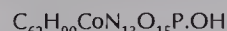


1,6-Dihydro-6-iminopurine.

6-aminopurine; Leuco-4; vitamin B₄. Vitamin, vitamin source. Dec 360-365°; λ_m 207, 260.5 nm (23200, 13400 pH 7.0); soluble in H₂O (0.05 g/100 ml at 20°, 2.5 g/100 ml at 100°), slightly soluble in EtOH; insoluble in Et₂O, CHCl₃; LD₅₀ (rat orl) = 745 mg/kg.

9908 Aquacobalamin

13422-52-1 4854 236-534-8

Cobinamide hydroxide monohydrate dihydrogen phosphate (ester) inner salt 3'-ester with 5,6-dimethyl-1- α -D-ribofuranoylbenzimidazole.

vitamin B_{12b}; vitamin B_{12d}. Vitamin, vitamin source. λ_m 274, 317, 351, 499, 527 nm (ϵ 20600, 6100, 26500, 8100, 8500 H₂O). Merck & Co., Inc.

9909 Ascorbic Acid

50-81-7 867 200-066-2



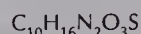
L-Ascorbic acid.

Ascorbicap; Cebione; Cecon; Cenolate; Cetane; Cetane-Caps TC; Cevalin; Cevex; Adenex; Allercorb; Ascorin; Ascortéal; Ascorvit; Cantan; Cantaxin; Catavin C; Cebicure; Cebion; Cecon; Cegiolan; Celaskon; Celin; Cenetone; Cereon; Cergona; Cescorbat; Cetamid; Cetebe; Cetemican; Cevalin; Cevatine; Cevex; Cevimin; Ce-Vi-Sol; Cevitan; Cevitex; Cewin; Ciamin; Cipca; Concemin; C-Vimin; Davitamon C; component of: Chromagen, Freancee, Mediatrix; Stuartinic, Tolfrinic, Veliten. Vitamin, vitamin source. mp = 190-192°; d = 1.65; $[\alpha]_D^{25}$ = 20.5 - 21.5° (c = 1), $[\alpha]_D^{23}$ = 48° (c = 1 MeOH); λ_m = 245 nm (acid solution), 265 nm (neutral solution); soluble in H₂O (33 g/100 ml, 40 g/100 ml at 45°, 80 g/100 ml at 100°), EtOH (3.3 g/100 ml), absolute EtOH (2 g/100 ml); glycerol (1 g/100 ml), propylene glycol (5 g/100 ml), insoluble in Et₂O, CHCl₃, C₆H₆, petroleum ether. Abbott Labs.; BASF Corp; Eli Lilly & Co.; Forest Pharmaceuticals Inc.; ICN Pharmaceuticals, Inc.; Johnson & Johnson-

Merck Consumer Pharmaceuticals; Lederle Labs.; Marion Merrell Dow Inc.; Savage Labs.; Wyeth-Ayerst Labs.; Ascher, B.F. & Co.

9910 Biotin

58-85-5 1272 200-399-3

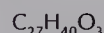


(3aS,4S,6aR)-Hexahydro-2-oxo-1H-thieno[3,4-d]imidazole-4-valeric acid.

Bioepiderm; vitamin H; coenzyme R; bios II; Biodermatin. Vitamin, vitamin source. mp = 232-233°; $[\alpha]_D^{21}$ = 91° (c = 1 in 0.1N NaOH); soluble in H₂O (0.022 g/100 ml at 25°), EtOH 0.08 g/100 ml at 25°. Sterling Winthrop, Inc.

9911 Calcipotriene

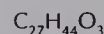
112965-21-6 1679 112965-21-6

(5Z,7E,22E,24S)-24-Cyclopropyl-9,10-secochola-5,7,10(19),22-tetraene-1 α ,3 β ,24-triol.

MC-903; calcipitriol; Daivonex; Dovonex; component of: Dovex. Vitamin, vitamin source. Antipsoriatic. mp = 166-168°; λ_m 264 nm (ϵ 17200 96% EtOH). Westwood-Squibb Pharmaceuticals, Inc.; Leo AB.

9912 Calcitriol

32222-06-3 1681 250-963-8

(5Z,7E)-9,10-Secocholesta-5,7,10(19)-triene-1 α ,3 β ,25-triol.

Calcijex; Rocaltrol; Topitriol; Ro-21-5535. Vitamin, vitamin source. Calcium regulator and antirachitic. mp = 111-115°; λ_m = 264 nm (ϵ 19000 EtOH); $[\alpha]_D^{25}$ = 48° (MeOH); slightly soluble in MeOH, EtOH, EtOAc, THF. Abbott Labs.; Hoffmann-LaRoche Inc.

9913 Calcium Ascorbate

5743-27-1 1688 227-261-5

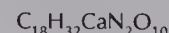


L-Ascorbic acid calcium salt dihydrate.

Vitamin, vitamin source. Nutritional supplement. $[\alpha]_D^{20}$ = 95.6° (c = 2.4); freely soluble in H₂O; insoluble in MeOH, EtOH.

9914 Calcium Pantothenate

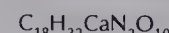
137-08-6 7147 205-278-9

(R)-N-(2,4-Dihydroxy-3,3-dimethyl-1-butyl)- β -alanine calcium salt (2:1).

Calpan; Pantholin; Calpanate; component of: Stuartinic. Vitamin, vitamin source. Vitamin (enzyme cofactor). mp = 195-196° (dec); $[\alpha]_D^{20}$ = 28.2° (c = 5); soluble in H₂O (35.7 g/100 ml), glycerol; slightly soluble in EtOH, Me₂CO. Pharmacia & Upjohn, Inc.; BASF Corp; Eli Lilly & Co.; Johnson & Johnson-Merck Consumer Pharmaceuticals.

9915 (±)-Calcium Pantothenate

7147

(±)-N-(2,4-Dihydroxy-3,3-dimethyl-1-butyl)- β -alanine calcium salt (2:1).

Calpan; Pantholin; Calpanate. Vitamin, vitamin source. Vitamin (enzyme cofactor). Pharmacia & Upjohn, Inc.; BASF Corp; Eli Lilly & Co.; Johnson & Johnson-Merck

Consumer Pharmaceuticals.

9916 (±)-Calcium Pantothenate

6381-63-1 1688 6381-63-1
 $C_{18}H_{32}CaN_2O_{10}$
 Calcium N-(2,4-dihydroxy-3,3-dimethyl-1-oxobutyl)-DL-alanine.
 Vitamin, vitamin source.

9917 α-Carotene

7488-99-5 1901
 $C_{40}H_{56}$
 Provitamin A. Vitamin A precursor. mp = 187.5°; $[\alpha]_{643}^{18} = 385^\circ$ (c = 0.08 C_6H_6); $\lambda_m = 485, 454$ nm; freely soluble in CS_2 , $CHCl_3$; soluble in C_6H_6 , Et_2O ; slightly soluble in EtOH, petroleum ether; insoluble in H_2O .

9918 β-Carotene

7235-40-7 1902 230-636-6
 $C_{40}H_{56}$
 (all E)-1,1'-(3,7,12,16-Tetramethyl-1,3,5,7,9,11,13,15,17-octadecanonaene-1,18-diyl)bis[2,6,6-trimethylcyclohexene].
 BetaVit; Lucaratin; Solatene; Carotaben; β,β-carotene; Provatene. Vitamin A precursor. Vitamin and ultraviolet screen. mp = 183°; λ_m 497, 466 nm; soluble in CS_2 , C_6H_6 , $CHCl_3$; moderately soluble in Et_2O , petroleum ether, oils; soluble in C_6H_{14} (0.11 g/100 ml at 0°); poorly soluble in MeOH, EtOH; insoluble in H_2O .

9919 δ-Carotene

472-92-4 1903
 $C_{40}H_{56}$
 Vitamin, vitamin source. mp = 140.5°; $[\alpha]_{Cd} = 317^\circ$, $[\alpha]_D^{25} = 352^\circ \pm 16^\circ$ (C_6H_{14}).

9920 Cholecalciferol

67-97-0 10157 200-673-2
 $C_{27}H_{44}O$
 9,10-Secocholesta-5,7,10(19)-trien-3-ol.
 Vitamin D₃; 7-dehydrocholesterol. Vitamin. Antirachitic. mp = 84-85°; $[\alpha]_D^{20} = 84.8^\circ$ (c = 1.6 Me_2CO), 51.9° (c = 1.6 $CHCl_3$); $\lambda_m = 264.5$ nm ($E_{1\text{ cm}}^{1\%}$ 450-490 EtOH or C_6H_{14}); soluble in most organic solvents, insoluble in H_2O .

9921 Chromic Chloride

10060-12-5
 $CrCl_3 \cdot 6H_2O$
 Chromium(3+) chloride hexahydrate.
 Trace mineral supplement.

9922 Cobamamide

13870-90-1 2513 237-627-6
 $C_{72}H_{11}CoN_{18}O_{17}P$
 Inner salt of the Co-(5'-deoxyadenosine-5') derivative of the 3'ester of cobinamide phosphate with 5,6-dimethyl-1-α-D-ribofuranosylbenzimidazole.
 LM176; coenzyme B₁₂; adenosyl B₁₂; DBC; dibenzocozide; dibenzcozamide; dimethylbenzcozamide; Actimide; Anabasi; Betarin; Calomide; Cobalion; Cobatamin S; Cobanzyme; Cobazymase; Coenzile; Dolonevran; Enzicoba; Héraelène; Hi-Fresmin; Hycobal;

Indusil; Represil; Sabalamin; Xobaline. Vitamin, vitamin source. Hematopoietic. λ_m 260, 375, 522 nm (H_2O); soluble in H_2O (2.59 g/100 ml); insoluble in Me_2CO , Et_2O , dichloroethylene, dioxane.

9923 Cyanocobalamin

68-19-9 10152 200-680-0
 $C_{63}H_{88}CoN_{14}O_{14}P$
 Vitamin B₁₂.
 Betalin 12 Crystalline; Cyomin; Cyredin; Dicopac Kit; Docibin; Redisol; Rubramin PC; Sytobex; Vibalt; Vitapsrint B12; Anacobin; Antipernicin; Bedodeka; Bedoz; Behepan; Berubi; Berubigen; Betalin-12; Betolvex; Cobalin; Crystamine; Cykobemin; Cytaccon; Cytamen; Cytobion; Docémine; Docibin; Docigram; Docivit; Dodex; Fresmin; Macrablin; Millevit; Redisol; Rubesol; Rubramin PC; Sytobex; Vibalt; Vitarubin; component of: Chromagen, Geriplex, Spondylonal, Tolfrinic, Troph-Iron, Trophite, Trophite+Iron. Vitamin, vitamin source. Hematopoietic. mp > 300°; $[\alpha]_{656}^{23} = -59^\circ \pm 9^\circ$ (dilute aqueous solution); $\lambda_m = 278, 361, 550$ nm ($A_{1\text{ cm}}^{1\%}$ 115, 204, 64 H_2O). Amersham Holdings, Inc.; Roerig Div., Pfizer Pharmaceuticals; Eli Lilly & Co.; Elkins-Sinn; Forest Pharmaceuticals Inc.; Lederle Labs.; Marion Merrell Dow Inc.; Menley & James Labs., Inc.; Merck & Co., Inc.; Parke-Davis; Savage Labs.; Wyeth-Ayerst Labs.; Ascher, B.F. & Co.

9924 dl-Vitamin E Acetate

52225-20-4 10160 257-757-7
 $C_{31}H_{52}O_3$
 (±)-[2R*(4R*,8R*)]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-H-1-benzopyran-6-ol acetate. Detulin; Ephynal; Eprolin; Epsilan-M; Eusovit; E-Vimin; Evion; Juvela; OptoVit-E; Toco500; Vitagutt; α-tocopherol acetate; α-tocopheryl acetate. Vitamin, vitamin source. mp = -27.5°; $d_4^{21.3} = 0.9533$; bp_{0.01} = 184°, bp_{0.025} = 194°, bp_{0.3} = 224°; insoluble in H_2O ; freely soluble in Me_2CO , $CHCl_3$, Et_2O ; less soluble in EtOH. Hoffmann-LaRoche Inc.

9925 d-Vitamin E Acetate

58-95-7 10160 200-405-4
 $C_{31}H_{52}O_3$
 [2R-[2R*(4R8,8R*)]]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol acetate. E-Vicotrast; Spondyvit; Tocopherex. Vitamin, vitamin source. mp = 28°; $[\alpha]_D^{25} = 0.25^\circ$ (c = 10 $CHCl_3$), 3.2° (EtOH); [l-form]: mp = 23°; $[\alpha]_D^{25} = -2.0^\circ$ (EtOH). Hoffmann-LaRoche Inc.

9926 Ergocalciferol

50-14-6 10156 200-014-9
 $C_{28}H_{44}O$
 (3β,5Z,7E,22E)-9,10-Secoerga-5,7,10(19),22-tetraen-3-ol. Vitamin D₂; Calciferol; Deltalin; Drisdol; Oleovitamin D; Condol; Decaps; Dee-Ron; De-Rat Concentrate; Deratol; Detalup; Diactol; Divit Urto; Drisdol; D-Tracetten; Ergorone; Ertron; Fortodyl; Hi-Deratol; Infron; Metadee; Mina D₂; Mulsiferol; Mykoston; Osteil; Radiostol; Radsterin; Shock-Ferol; Sterogyl; Uvesterol-D; Vio-D; component of: Haliver. Vitamin, vitamin source. Antirachitic. Also used as a rodenticide. mp = 115-118°; $[\alpha]_D^{25} = 82.6^\circ$ (c = 3 Me_2CO), $[\alpha]_D^{20} = 102.5^\circ$ (EtOH), $[\alpha]_D^{20} =$

52° (CHCl₃); $\lambda_m = 264,5$ nm ($E_{1\%}^{1\text{cm}} = 4587.9 \pm 7.5$ C₆H₁₄); soluble in most organic solvents, insoluble in H₂O; soluble in EtOH (0.15 g/100 ml at 20°, 2.2 g/100 ml at 86°, Et₂O (1.43 g/100 ml at 20°, 2.56 g/100 ml at 35°), CHCl₃ (3.22 g/100 ml); [acetate (C₃₀H₄₆O₂): mp = 179°; [benzoate (C₃₅H₄₈O₂): mp = 169-171°; $[\alpha]_D^{23} = -71^\circ$ (c = 1.1 CHCl₃), $[\alpha]_{546} = -88^\circ$ (CHCl₃). *Eli Lilly & Co.; Parke-Davis; Schwarz Pharma Kremers Urban Co.*

9927 Ergosterol

57-87-4 3701 200-352-7
C₂₈H₄₄O
(3 β ,22E)-Ergosta-5,7,22-trien-3-ol.
ergosterin; Provitamin D. Vitamin D source. mp = 166-183°; bp_{0.01} = 250°; $[\alpha]_D^{20} = -135^\circ$ (c = 1.2 CHCl₃), $[\alpha]_{546}^{20} = -171^\circ$ (CHCl₃); $\lambda_m = 262, 271, 282, 293$ nm; insoluble in H₂O; soluble in EtOH (0.15 g/100 ml at 20°, 2.2 g/100 ml at 86°, Et₂O (1.43 g/100 ml at 20°, 2.56 g/100 ml at 35°), CHCl₃ (3.22 g/100 ml); [acetate (C₃₀H₄₆O₂): mp = 179°; [benzoate (C₃₅H₄₈O₂): mp = 169-171°; $[\alpha]_D^{23} = -71^\circ$ (c = 1.1 CHCl₃), $[\alpha]_{546} = -88^\circ$ (CHCl₃).

9928 Folic Acid

59-30-3 4253 200-419-0
C₁₉H₁₉N₇O₆
N-[p-[(2-Amino-4-hydroxy-6-pteridiny)methyl]amino]benzoyl]-L-glutamic acid.
Folicet; Vitamin M; Cytofol; Folacin; Foldine; Foliamin; Folipac; Folettes; Folsan; Folvite; Incafolic; Millafol; component of: Mission Prenatal, Plastulen-N. Vitamin, vitamin source. Hematopoietic. mp > 250°; $[\alpha]_D^{25} = 23^\circ$ (c = 0.5 in 0.1N NaOH); $\lambda_m = 256, 283, 368$ nm (log ϵ 4.43, 4.40, 3.96 pH 13); slightly soluble on H₂O (0.00016 g/100 ml at 20°, 1 g/100 ml at 100°), MeOH; less soluble in EtOH, BuOH; insoluble in CHCl₃, Me₂CO, Et₂O, C₆H₆. *Bristol-Myers Squibb Pharmaceutical Res. and Dev; Lederle Labs.; Mission Pharmacal Co.*

9929 Hydroxocobalamin

13422-51-0 4854 236-533-2
C₆₂H₈₉CoN₁₃O₁₅P
Cobinamide dihydroxide dihydrogen phosphate (ester) mono(inner salt) 3'-ester with 5,6-dimethyl-1- α -D-ribofuranosylbenzimidazole.
AlphaRedisol; Codroxomin; Ducobee-Hy; Neo-Betalin 12; Redisol-H; Sytobex-H; Axlon; Cobalin-H; Codroxomin; Droxomin; Duradoce; Duralta-12; Neo-Cytamen. Vitamin, vitamin source. mp > 300°; λ_m 279, 325, 359, 516, 537 nm (ϵ 19000, 11400, 20600, 8900, 9500 H₂O); moderately soluble in H₂O, MeOH, EtOH; insoluble in Me₂CO, Et₂O, petroleum ether, C₆H₆, halogenated hydrocarbons. *Eli Lilly & Co.; Forest Pharmaceuticals Inc.; Merck & Co., Inc.; Parke-Davis; Sterling Winthrop, Inc.*

9930 1 α -Hydroxycholecalciferol

41294-56-8 4864 255-297-1
C₂₇H₄₄O₂
(1 α ,3 β ,5Z,7E)-9,10-Secocholesta-5,7,10(19)-triene-1,3-diol.
1 α -OH-CC; alfalcidol; Alfarol; Alpha D₃; EinsAlpha; Etalpa; One-Alpha, Vetalpa. Vitamin D source. mp =

134-136°, 138-139.5°; $[\alpha]_D^{25} = 28^\circ$ (Et₂O); λ_m 264 nm (ϵ 18000 Et₂O).

9931 Inositol

87-89-8 5008 201-781-2
C₆H₁₂O₆
Hexahydroxycyclohexane.
meso-inositol; l-inositol; cyclohexanehexol; cyclohexitol; meat sugar; inosite; mesoinosite; phaseomannite; dambose; nucite; bios I; rat antispectacle eye factor; mouse antialopecia factor. Vitamin, vitamin source. A lipotropic agent. mp = 225-227°; d = 1.752; soluble in H₂O (14 g/100 ml at 25°, 28 g/100 ml at 60°, slightly soluble in EtOH, insoluble on other organic solvents.

9932 Manganese Chloride

13446-34-9 5768
Cl₂Mn.4H₂O
Manganese(2+) chloride tetrahydrate.
Supplement (trace mineral). [anhydrous]: LD₅₀ (mus sc) = 180-250 mg/kg, (dog iv) = 201.6 mg/kg.

9933 Manganese Sulfate

10034-96-5 5783
H₈Cl₂MnO₄
Manganese sulfate (1:1) monohydrate.
Supplement (trace mineral).

9934 Maxacalcitol

103909-75-7
C₂₆H₄₂O₄
1 α 25-Dihydroxy-22-oxacalcitriol.
Vitamin D analog with antiproliferative properties.
Antipsoriatic.

9935 Mecobalamin

13422-55-4 6125 236-535-3
C₆₃H₉₁CoN₁₃O₁₄P
Cobinamide Co-methyl derivative hydroxide dihydrogen phosphate (ester) inner salt 3'-ester with 5,6-dimethyl-1- α -D-ribofuranosylbenzimidazole.
methyl vitamin B₁₂; MeCbl; Algobaz; Hitocobamin-M; Methycobal; Methycobaz. Vitamin, vitamin source. Hematopoietic. λ_m 522, 342, 266 nm (ϵ 9357, 14416, 19897 pH 7), 462, 304, 264 nm (ϵ 9599, 22855, 24737 0.1N HCl).

9936 Menadiol

481-85-6 5873 207-573-8
C₁₁H₁₀O₂
2-Methyl-1,4-naphthalenediol.
dihydrovitamin K₃. Vitamin, vitamin source. Prothrombogenic. mp = 168-170°, 181°; slightly soluble in C₆H₆, CHCl₃; readily soluble in Me₂CO, EtOH. *Eli Lilly & Co.; Hoffmann-LaRoche Inc.*

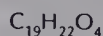
9937 Menadiol Diacetate

573-20-6 5873 209-352-1
C₁₅H₁₄O₄
2-Methyl-1,4-naphthalenediol diacetate.
vitamin K₄; Kapilin; Prokayvit Oral; Vitavel K. Vitamin, vitamin source. Prothrombogenic. mp = 112-114°; insoluble in H₂O; slightly soluble in EtOH at 20°; soluble in EtOH (30 g/100 ml at 86°); soluble in AcOH. *Eli Lilly &*

Co.; Hoffmann-LaRoche Inc.

9938 Menadiol Dibutyrate

53370-40-8 5873



2-Methyl-1,4-naphthalenediol dibutyrate.

Karanum. Vitamin, vitamin source. Prothrombogenic. mp = 53°; insoluble in H_2O ; soluble in EtOH, C_6H_6 , oils, fats. E. Merck; Eli Lilly & Co.; Hoffmann-LaRoche Inc.

9939 Menadiol Sodium Diphosphate

131-13-5 5873 205-012-1



2-Methyl-1,4-naphthalenediol bis(dihydrogen phosphate) tetrasodium salt hexahydrate.

Kappadione; Synkayvite; Synkavit. Vitamin, vitamin source. Prothrombogenic. Very soluble in H_2O ; insoluble in MeOH, EtOH, Et_2O , Me_2CO . Eli Lilly & Co.; Hoffmann-LaRoche Inc.

9940 Menadione

58-27-5 5874 200-372-6



2-Methyl-1,4-naphthoquinone.

Kappaxin; Kayquinone; Thyloquinone; Vitamin $\text{K}_{2(10)}$; Vitamin K_3 ; Kaynone; Kayklot; Klottone; Kolklot. Vitamin, vitamin source. Prothrombogenic. mp = 105-107°; insoluble in H_2O ; soluble in EtOH (1.66 g/100 ml), C_6H_6 (10 g/100 ml), vegetable oils (2 g/100 ml); moderately soluble in CHCl_3 , CCl_4 ; LD_{50} (mus orl) = 500 mg/kg. Abbott Labs.; Bristol-Myers Squibb Pharmaceutical Res. and Dev.; Sterling Winthrop, Inc.

9941 Menadione Dimethylpyrimidinol Bisulfite

14451-99-1 5874 238-435-5



2-Methyl-1,4-naphthoquinone dimethylpyrimidinol bisulfite.

Hetrazeeen. Vitamin, vitamin source. Prothrombogenic. mp = 215-217°; soluble in H_2O (1 g/100 ml); slightly soluble in EtOH; insoluble in Et_2O , C_6H_6 .

9942 Menadione Sodium Bisulfite

130-37-0 5874 204-987-0

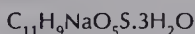


Sodium 1,2,3,4-tetrahydro-2-methyl-1,4-dioxo-2-naphthalenesulfonate.

Vitamin, vitamin source. Prothrombogenic. Abbott Labs.

9943 Menadione Sodium Bisulfite Trihydrate

6147-37-1 5874



Sodium 1,2,3,4-tetrahydro-2-methyl-1,4-dioxo-2-naphthalenesulfonate trihydrate.

Hykinone; Klotogen. Vitamin, vitamin source. Prothrombogenic. Soluble in H_2O (50 g/100 ml); slightly soluble in EtOH; insoluble in Et_2O , C_6H_6 . Abbott Labs.

9944 Menadoxime

573-01-3 5875 209-345-3



Ammonium salt of 2-methylnaphthoquinone 4-oxime O-carboxymethyl ether.

Kapilon injectable. Vitamin, vitamin source.

Prothrombogenic. Soluble in H_2O ; [free acid ($\text{C}_{13}\text{H}_{11}\text{NO}_4$)]: mp = 162-163°; forms water-soluble salts. Glaxo Wellcome, UK.

9945 Menaquinone 4

863-61-6 5876



(E,E,E)-2-Methyl-3-(3,7,11,15-tetramethyl-2,6,10,14-hexadecatetraenyl)-1,4-naphthalenedione.

menatetrenone; MK 4; Vitamin $\text{K}_{2(20)}$; Kaytwo. Vitamin, vitamin source. mp = 35°; λ_m = 248 nm ($\epsilon_{1\text{ cm}}^{1\%}$ 439).

9946 Menaquinone 6

84-81-1 5876



(all-E)-2-(3,7,11,15,19,23,27-Heptamethyl-2,6,10,14,18,22,26-octacosaeptaenyl)-3-methyl-1,4-naphthalenedione.

MK 6; Vitamin $\text{K}_{2(30)}$. Vitamin, vitamin source. mp = 50°; λ_m 243, 248, 261, 270, 325-328 nm ($\epsilon_{1\text{ cm}}^{1\%}$ 304, 320, 290, 292, 53 petroleum ether).

9947 Menaquinone 7

2124-57-4 5876



(all-E)-2-(3,7,11,15,19,23,27-Heptamethyl-2,6,10,14,18,22,26-octacosaeptaenyl)-3-methyl-1,4-naphthalenedione.

Vitamin $\text{K}_{2(35)}$. Vitamin, vitamin source. mp = 54°; bp_{0.0002} = 200° (dec); λ_m 243, 248, 261, 270, 325-328 nm ($\epsilon_{1\text{ cm}}^{1\%}$ 278, 195, 266, 267, 48); slightly less soluble than vitamin K_1 in the same solvents.

9948 Menaquinones

5876

2-Methyl-3-all-trans-polyprenol 1,4-naphthoquinones.

Vitamin K_2 ; A group of prenylated naphthoquinones having the same physiological properties as Vitamin K and containing specific menaquinones, such as menaquinone 4, menaquinone 6 and menaquinone 7. Vitamin source.

9949 N-Acetyl Analog

523-68-2 10162 208-348-7



4-Acetamido-2-methyl-1-naphthol.

K-Vitrat. Vitamin, vitamin source. Prothrombogenic. mp = 208-210°.

9950 Niacin

59-67-6 6612 200-441-0

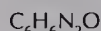


3-Pyridinecarboxylic acid.

Nicotinic acid; Niac; Nicamin; Nicobid; Nicolar; Wampocap; P.P. Factor; Akotin; Daskil; Niacor; Nicacid; Nicangin; Niconacid; NicoSpan. Vitamin, vitamin source. Vitamin (enzyme cofactor). mp = 236.6°; λ_m = 263 nm; soluble in H_2O (1.67 g/100 ml); freely soluble in H_2O at 100°, EtOH at 76°; insoluble in Et_2O ; LD_{50} (rat sc) = 5000 mg/kg. Abbott Labs.; Apothecon; Forest Pharmaceuticals Inc.; Marion Merrell Dow Inc.; Rhône-Poulenc Rorer Pharmaceuticals Inc.; Wallace Labs.

9951 Niacinamide

98-92-0 6574 202-713-4



3-Pyridinecarboxamide.

Nicotinamide; Aminicotin; Benicot; Dipeqyl; Nicamindon; Nicobion; Nictoamide; Nicotilamide; Pelmin; component of: Mediatric. Vitamin, vitamin source. Vitamin (enzyme cofactor). Precursor of the coenzyme NAD and NADP. mp = 128-131°; bp_{0.0005} = 150-160°; λ_m 261 nm (A_{1cm}^{1%} = 451); soluble in H₂O (100 g/100 ml), EtOH (66.6 g/100 ml), glycerol (10 g/100 ml); LD₅₀ (rat sc) = 1680 mg/kg. *Wyeth-Ayerst Labs.*

9952 Nicotinamide Ascorbate

1987-71-9 6610

L-Ascorbic acid mixture with 3-pyridinecarboxamide. merpress; nicoscorbine; Nicastubin. Vitamin, vitamin source. Vitamin (enzyme cofactor). mp = 141-145°; [α]_D²⁰ = 27.5° (c = 8 H₂O); soluble in H₂O (40 g/100 ml), EtOH (2.4 g/100 ml), MeOH (10 g/100 ml); sparingly soluble in Me₂CO; insoluble in C₆H₆, Et₂O. *Gelatin Products.*

9953 Nitrocobalamin

20623-13-6 4854 243-924-1



Cobinamide nitrite (salt) dihydrogen phosphate (ester) inner salt 3'-ester with 5,6-dimethyl-1-α-D-ribofuranoylbenzimidazole.

nitritocobalamin; vitamin B_{12c}. Vitamin, vitamin source. λ_m 352 527.5 nm (E_{1cm}^{1%} 53.2, 59.5 H₂O), 357, 535 nm (E_{1cm}^{1%} 139 62.5 0.1N NaOH). *Merck & Co., Inc.*

9954 Panthenol

16485-10-2 240-540-6



(±)-2,4-Dihydroxy-N-(3-hydroxypropyl)-3,3-dimethylbutyramide.

(±)-pantothenyl alcohol; component of: Zenticin. Vitamin, vitamin source. *Eli Lilly & Co.*

9955 Phylloquinone

84-80-0 7536 201-564-2

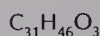


[R-[R*,R*-(E)]]-2-Methyl-3-(3,7,11,15-tetramethyl-2-hexadecenyl)-1,4-naphthalenedione.

Aquamephyton; Konakion; Mephyton; Mono-kay; Phytonadione; vitamin K₁; 3-phytylmenadione; Veda-K₁; Veta-K₁. Vitamin, vitamin source. Prothrombogenic. [α]_D²⁵ = -0.28° (dioxane); λ_m = 242, 248, 260, 269, 325 nm (E_{1cm}^{1%} 396, 4319, 383, 387, 68 petroleum ether); insoluble in H₂O; sparingly soluble in MeOH; soluble in EtOH, Me₂CO, C₆H₆, petroleum ether, C₆H₁₄, dioxane, CHCl₃, Et₂O, fats and oils; [dihydro form (phytonadiol; dihydrovitamin K₁)] insoluble in H₂O, sparingly soluble in petroleum ether, freely soluble in Et₂O; [dihydro form sodium diphosphate (C₃₁H₄₈Na₂O₈P₂; phytonadiol sodium diphosphate; Kayhydrin)]: mp = 138°; soluble in H₂O, MeOH. *Abbott Labs.; Hoffmann-LaRoche Inc.; Merck & Co., Inc.*

9956 Phylloquinone 2,3-Epoxyde

25486-55-9 7536 247-022-9

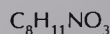


[R-[R*,R*-(E)]]-2-Methyl-3-(3,7,11,15-tetramethyl-2-hexadecenyl)-1,4-naphthalenedione 2,3-epoxide.

vitamin K₁ epoxide; vitamin K₁ oxide. Vitamin, vitamin source. Prothrombogenic. Colorless oil; λ_m 259, 305 nm (log E_m 3.79, 3.31 95% EtOH). *Abbott Labs.; Hoffmann-LaRoche Inc.; Merck & Co., Inc.*

9957 Pyridoxine Hydrochloride

58-56-0 8166 200-386-2



5-Hydroxy-6-methyl-3,4-pyridinedimethanol hydrochloride.

Beesix; Hexa-Betalin; Hexavibex; Bonasanit; Hexabione hydrochloride; Pyridipca; Pyridox; Bécilan; Benadon; Hexermin; component of: Bendectin, Spondylonal. Vitamin, vitamin source. Vitamin (enzyme cofactor). mp = 205-212° (dec); λ_m 290 nm (ε 8400 0.1N HCl), 253, 325 nm (ε 3700, 7100, pH 7); soluble in H₂O (22.2 g/100 ml), EtOH (1.1 g/100 ml), propylene glycol; sparingly soluble in Me₂CO; insoluble in Et₂O, CHCl₃. *BASF Corp; Eli Lilly & Co.; Forest Pharmaceuticals Inc.; Lederle Labs.; Marion Merrell Dow Inc.; Merck & Co., Inc.; Parke-Davis; dKeystone Chemurgic.*

9958 Raxofelast

128232-14-4

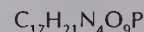


2-(2,3-Dihydro-5-acetoxy-4,6,7-tribenzofuranyl)acetic acid.

IRFI-016. A hydrophilic vitamin E analog. An antioxidant which inhibits hepatic lipid peroxidation and the formation of gastric lesions. Protects against ischemic damage.

9959 Riboflavin Monophosphate

146-17-8 8368 205-664-7

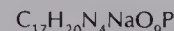


7,8-Dimethyl-10-(D-ribo-2,3,4,5-tetrahydroxypentyl)-isoalloxazine 5'-(dihydrogen phosphate).

flavin mononucleotide; FMN; vitamin B₂ phosphate. Vitamin, vitamin source. Vitamin (enzyme cofactor). *Hoffmann-LaRoche Inc.; Takeda.*

9960 Riboflavin Monophosphate Monosodium Salt

130-40-5 8368 204-988-6



7,8-Dimethyl-10-(D-ribo-2,3,4,5-tetrahydroxypentyl)-isoalloxazine 5'-(dihydrogen phosphate) monosodium salt.

Hyril; Ribo. Vitamin, vitamin source. Vitamin (enzyme cofactor). [dihydrate]: soluble in H₂O (11.2 g/100 ml). *Hoffmann-LaRoche Inc.; Takeda.*

9961 Sodium Ascorbate

134-03-2 8723 205-126-1



Monosodium L-ascorbate.

Ascorbin; Cevalin; Sodascorbate; Natrascorb; Cenolate; Ascorbicin; Cebitate. Vitamin, vitamin source. Antiscorbutic. Dec 218°; [α]_D²⁰ = 104.4°; freely soluble in H₂O at 25° (62 g/100 ml H₂O, 78 g/100 ml at 75°). *BASF Corp; Eli Lilly & Co.; Marion Merrell Dow Inc.*

9962 Sodium Folate

6484-89-5 8763 229-348-3
 $C_{19}H_{18}N_7NaO_6$
 Folic acid sodium salt.
 sodium Folvite. Vitamin, vitamin source. Sold as a sterile aqueous solution with pH between 8.5 and 11.0.

9963 Sulfiotcobalamine

15671-27-9 4854 239-747-4
 $C_{62}H_{89}CoN_{13}O_{17}PS$
 Cobinamide sulfite (1:1) (salt) dihydrogen phosphate (ester) inner salt 3'-ester with 5,6-dimethyl-1- α -D-ribofuranoylbenzimidazole.
 cobalaminsulfonic acid. Vitamin, vitamin source. λ_m 275, 365, 418, 516 nm ($E_{1\text{ cm}}^{1\%}$ 328, 130, 49, 61). *Abbott Labs.; Merck & Co., Inc.*

9964 Thiamine Hydrochloride

67-03-8 9430 200-641-8
 $C_{12}H_{17}ClN_4OS$
 3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methylthiazolium chloride monohydrochloride.
 Betalin S; Betaxin; Biamine; Benerva; Betabion; Bewon; Metabolin; Vitaneurin; component of: Spondylonal, Troph-Iron, Trophite, Trophite+Iron. Vitamin, vitamin source. Vitamin (enzyme cofactor). mp = 248° (dec); soluble in H_2O (100 g/100 ml), glycerol (5.5 g/100 ml), 95% EtOH (1 g/100 ml), EtOH (0.32 g/100 ml); more soluble in MeOH; soluble in propylene glycol; insoluble in Et_2O , C_6H_6 , $CHCl_3$, C_6H_{14} ; LD_{50} (mus iv) = 89.2 mg/kg. *BASF Corp; Eli Lilly & Co.; Elkins-Sinn; Lederle Labs.; Menley & James Labs., Inc.; Sterling Winthrop, Inc.; Wyeth-Ayerst Labs.*

9965 Thiamine Mononitrate

532-43-4 9430 208-537-4
 $C_{12}H_{17}N_5O_4S$
 3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methylthiazolium chloride nitrate (salt). component of: Stuaritic. Vitamin, vitamin source. Vitamin (enzyme cofactor). mp = 196-200° (dec); soluble in H_2O (2.7 g/100 ml at 25°, 30 g/100 ml at 100°). *American Cyanamid; BASF Corp; Johnson & Johnson-Merck Consumer Pharmaceuticals*.

9966 β -Tocopherol

148-03-8 9632 205-708-5
 $C_{28}H_{48}O_2$
 3,4-Dihydro-2,5,8-trimethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol.
 5,8-dimethyltolcol; cumotocopherol; neotocopherol; p-xylotocopherol. Vitamin, vitamin source. $bp_{0.1}$ = 200-210°; $[\alpha]_D^{20}$ = 6.37°; λ_m 297 nm ($E_{1\text{ cm}}^{1\%}$ 86.4); insoluble in H_2O ; freely soluble in oils, fats, Me_2CO , EtOH, $CHCl_3$, Et_2O ; [allophanate ($C_{30}H_{50}N_2O_4$)]: mp = 138-139°; $[\alpha]_D^{18}$ = 6.7° ($CHCl_3$); [acetate ($C_{30}H_{50}O_3$)]: $bp_{0.3}$ = 215-220°; insoluble in H_2O ; freely soluble in Me_2CO , $CHCl_3$, Et_2O ; less soluble in EtOH.

9967 α -Tocopherol

7616-22-0 9633 231-523-4
 $C_{28}H_{48}O_2$
 3,4-Dihydro-2,7,8-trimethyl-2-(4,8,12-trimethyltridecyl)-

2H-1-benzopyran-6-ol.
 7,8-dimethyltolcol; o-xylotocopherol. Vitamin, vitamin source. $bp_{0.1}$ = 200-210°; $[\alpha]_D^{20}$ = -2.4° (EtOH); λ_m 298 nm ($E_{1\text{ cm}}^{1\%}$ 92.8); insoluble in H_2O ; freely soluble in oils, fats, Me_2CO , EtOH, $CHCl_3$, Et_2O ; [allophanate ($C_{30}H_{50}N_2O_4$)]: mp = 136-138°; $[\alpha]_D^{18}$ = +3.4° (chloroform).

9968 δ -Tocopherol

119-13-1 9634 204-299-0
 $C_{27}H_{46}O_2$
 3,4-Dihydro-2,8-dimethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol.
 8-methyltolcol. Vitamin, vitamin source. $[\alpha]_{546}^{25}$ = 3.4° (c = 15.5 EtOH); $[\alpha]_{546}^{25}$ = 1.1° (c = 10.9 C_6H_6); λ_m 298 nm ($E_{1\text{ cm}}^{1\%}$ 91.2).

9969 Tocophersolan

30999-06-5
 $C_{33}H_{54}O_5(C_2H_4O)_n$
 Mono-[2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-6-chromanyl] succinate polyethylene glycol monoester.
 Eastman Vitamin ETPGS; TPGS. Vitamin, vitamin source. *Eastman Chemical Co.*

9970 Vitamin A

68-26-8 10150 200-683-7
 $C_{20}H_{30}O$
 3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraen-1-ol.
 Alphalin; Anatola; Aquasol A; Aquasol A Parenteral; A-Sol; A-Vitan; Vi-Dom-A; Retinol; Acon; Afaxin; Agiolan; Aoral; Apexol; Apostavit; Atav; Avibon; Avita; Avitol; Axerol; Dohyral A; Epiteliol; Nio-A-Let; Prepalin; Testavol; Vaffol; Vi-Alpha; Vitpex; Vogan; Vogan-Neu. Vitamin, vitamin source. Anti-xerophthalmic. mp = 62-64°; $bp_{0.005}$ = 120-125°; λ_m 324-325 nm ($E_{1\text{ cm}}^{1\%}$ 1835); insoluble in H_2O , glycerol; soluble in EtOH, MeOH, $CHCl_3$, fats and oils; LD_{50} (10 day) (mus ip) = 1510 mg/kg, (mus orl) = 2570 mg/kg. *Astra Chemicals Ltd.; BASF Corp; Purdue Pharma L.P.; Eli Lilly & Co.; Janssen Pharmaceutical, Belgium; Parke-Davis.*

9971 Vitamin A Acetate

127-47-9 10150 204-844-2
 $C_{22}H_{32}O_2$
 3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraen-1-ol acetate.
 Vitamin, vitamin source. Anti-xerophthalmic. mp = 57-58°; λ_m 326 nm ($E_{1\text{ cm}}^{1\%}$ 1550 EtOH); LD_{50} (10 day) (mus orl) = 4100 mg/kg.

9972 Vitamin A Palmitate

79-81-2 10150 201-228-5
 $C_{36}H_{60}O_2$
 3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraen-1-ol palmitate.
 Arovit; Optovit-A; The ester found in fish liver oils. Vitamin, vitamin source. Anti-xerophthalmic. mp = 28-29°; λ_m 325-328 nm ($E_{1\text{ cm}}^{1\%}$ 975 EtOH); LD_{50} (10 day) (mus orl) = 6060 mg/kg, (rat orl) = 7910 mg/kg.

9973 Vitamin E

59-02-9 10159 200-412-2
 $C_{29}H_{50}O_2$
 [2R-2R*(4R*,8R*)]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol.
 (+)- α -tocopherol; α -tocopherol; antisterility vitamin.
 Vitamin, vitamin source. $[\alpha]_{5461}^{25} = -3.0^\circ$ (C_6H_6), $[\alpha]_{5461}^{25} = 0.32^\circ$ (EtOH).

9974 Vitamin E Nicotinate

43119-47-7 10159 256-101-7
 $C_{35}H_{53}NO_3$
 [2R-2R*(4R*,8R*)]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol nicotinate.
 Hijuen; Juvela Nicotinate; Renascin. Vitamin, vitamin source.

9975 Vitamin E Succinate

4345-03-3 10159 224-403-8
 $C_{33}H_{56}O_6$
 [2R-2R*(4R*,8R*)]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol succinate.
 Vitamin E acid succinate. Vitamin, vitamin source. mp = 76-77°; λ_m 286 nm ($E_{1\%}^{1\text{cm}}$ 38.5 EtOH).

9976 Vitamin K₅

83-70-5 10162
 $C_{11}H_{11}NO$
 4-Amino-2-methyl-1-naphthalenol.
 Synkamin. Vitamin, vitamin source. Prothrombogenic.

9977 Vitamin K₅ Hydrochloride

130-24-5 10162 204-983-9
 $C_{11}H_{12}ClNO$
 4-Amino-2-methyl-1-naphthalenol hydrochloride.
 Kayvisyn. Vitamin, vitamin source. Prothrombogenic. dec 280-282°; ; freely soluble in H_2O , soluble in EtOH, insoluble in Et_2O .

9978 Vitamin U

1115-84-0 10165 214-231-1
 $C_6H_{14}ClNO_2S$
 (S)-(3-Amino-3-carboxypropyl)dimethylsulfonium chloride.
 methylmethioninesulfonium chloride; MMSC; Cabagin-U; Epadyn-U; Vitas-U. Vitamin, vitamin source. An anti-ulcer vitamin found in leaves of cabbage and other green vegetables. mp = 134° (dec); LD_{50} (mus iv) = 2760 mg/kg; [bromide analog ($C_6H_{14}BrNO_2S$, methylmethionine-sulfonium bromide; Ardésyl)]: mp = 139° (dec).

9979 Zinc Gluconate

4468-02-4 224-736-9
 $C_{12}H_{22}O_{14}Zn$
 Zinc D-gluconate (1:2).
 Used in cough lozenges to putatively to reduce symptoms of the common cold. Supplement (trace mineral).

Vulneraries**9980 Acetylcysteine**

616-91-1 89 210-498-3
 $C_5H_9NO_3S$
 L- α -Acetamido- β -mercaptopropionic acid.
 Airbron; Broncholysin; Brunac; Fabrol; Fluatox; Fluimucil; Fluimucetin; Fluprowit; Mucocedyl; Mucolator; Mucolyticum; Mucomyst; Muco Sanigen; Mucosolvin; Mucret; NAC; Neo-Fluimucil; Parvolex; Respire; Tixair. A mucolytic. Used as a corneal vulnerary and also as an antidote in acetaminophen poisoning. mp = 109-110°; LD_{50} (rat orl) = 5050 mg/kg. Mead Johnson Pharmaceuticals.

9981 Allantoin

97-59-6 255 202-592-8
 $C_4H_6N_4O_3$
 (2,5-Dioxo-4-imidazolidinyl)urea.
 glyoxyldiureide; cordianine; Psoralon; Septalan; component of: Skin-Balm. Vulnerary. Used to treat skin ulceration. [(dl)-form]: mp = 238°; soluble in H_2O (0.52 g/100 ml), EtOH (0.2 g/100 ml). Carrington Labs., Inc.; ICI Americas Inc.

9982 Asiaticoside

16830-15-2 869 240-851-7
 $C_{48}H_{78}O_{19}$
 (2 α ,3 β ,4 α)-2,3,23-Trihydroxyurs-12-en-28-oic acid O- β -deoxy- α -L-mannopyranosyl-(1 $\rightarrow$ 4)-O- β -D-glucopyranosyl-(1 $\rightarrow$ 6)-O- β -D-glucopyranosyl ester.
 Centelase Dermatologico; Madecassol. Vulnerary. mp = 230-233°; insoluble in H_2O ; soluble in EtOH, C_5H_5N ; $[\alpha]_D^{20} = -14^\circ$ (EtOH).

9983 Cadexomer Iodine

1646
 Product of reaction of dextrin with epichlorohydrin coupled with iodo-exchange groups and with iodine.
 Iodosorb. Antiseptic and anti-ulcerative. Vulnerary; used to treat venous ulcers. Perstorp AB.

9984 Chitin

1398-61-4 2105 215-744-3
 $(C_8H_{13}NO_5)_n$
 Biopolymer consisting predominantly of N-acetyl-D-glucosamine chains.
 Vulnerary. A major component of exoskeletons. Amorphous solid; insoluble in all solvents; soluble in concentrated HCl, H_2SO_4 .

9985 Dextranomer

56087-11-7 2992
 Dextran 2,3-dihydroxypropyl 2-hydroxy-1,3-propanediyl ether.
 Debrisan; Debrisorb. Vulnerary. Insoluble in all solvents.

9986 Enbucrilate

6606-65-1
 $C_8H_{11}NO_2$
 Butyl 2-cyanoacrylate.
 A tissue adhesive used in surgery.

9987 Oxaceprol

33996-33-7 7035 251-780-6
 $C_7H_{11}NO_4$
 (-)-1-Acetyl-4-hydroxy-L-proline.
 Anti-inflammatory and vulnerary. mp = 126-128°, 133-134°; $[\alpha]_D^{20} = -116.5^\circ$ (c = 3.2), $[\alpha]_D^{18} = -119.5^\circ$ (c = 3.75); soluble in H_2O , MeOH; very soluble in EtOH; insoluble in Et_2O , $CHCl_3$.

9988 Tocoretinate

40516-48-1 9639
 $C_{49}H_{76}O_3$
 (±)-(2R*)-2,5,7,8-Tetramethyl-2-[(4R*,8R*)-4,8,12-trimethyltridecyl]-6-chromanyl retinoate.
 Tretinoin tocoferil; L-300; N-021; Olcenon. Vulnerary.
 Yellow oil; λ_m 365 nm ($E_{1\%}^{1cm}$ 642 EtOH); LD₅₀ (mus iv) > 1000 mg/kg, (mus orl) > 2000 mg/kg. *Nisshin*.

Spermaticides**9989 Chlorindanol**

145-94-8 2144
 C_9H_9ClO
 7-Chloro-2,3-dihydro-1H-inden-4-ol.
 NSC-158565. Spermaticide. mp = 91-93°. *Est. Med. Labs.*

9990 Laureth-10S

9014-89-5 7717
 $C_{32}H_{66}O_{10}S$
 Polyethylene glycol mono[2-(dodecylthio)ethyl] ether.
 polyoxyethylene lauryl ether. Spermaticide. Soluble in H_2O , EtOH, C_7H_8 ; miscible with hot mineral, natural and synthetic oils, fats and fatty alcohols; LD₅₀ (mus orl) = 1170 mg/kg, (mus iv) = 125 mg/kg.

9991 Laureth-9

9002-92-0 7717 500-002-6
 $C_{30}H_{62}O_{10}$
 Polyethyleneglycol monododecyl ether.
 Polidocanol; polyoxyethylene lauryl ether; Aethoxysklerol; Atlas G-4829; Hetoxol L-9; Thesit; Lipal 9-LA. Spermaticide. Soluble in H_2O , EtOH, C_7H_8 ; miscible with hot mineral, natural and synthetic oils, fats and fatty alcohols; LD₅₀ (mus orl) = 1170 mg/kg, (mus iv) = 125 mg/kg.

9992 Menfegol

57821-32-6
 $(C_2H_4O)_n C_{16}H_{24}O$
 α -[p-(p-Menthyl)phenyl]- ω -hydroxypoly(oxyethylene).
 Neo Shampoo. Foaming vaginal contraceptive tablet. Spermaticide.

9993 Nonoxynol-9

26027-38-3 6772
 $C_{15}H_{24}O(C_2H_4O)_n$ (n $\approx$ 9)
 Polyethylene glycol mono(p-nonylphenyl) ether.
 Conceptrol; Emko; Gynol II; Intercept; Semicid; Today Sponge; C-Film; Conco NI-90; Dowfax 9N9; Encare; Igepal CO-630; Intercept; Neutronyx 611; Semicid; Staycept; Tergitol TP-9; component of: Delfen, Gentsersal, Ortho-Crème, Conceptrol. Spermaticide. Average

molecular weight = 617; $d_4^{25} = 1.06$; soluble in H_2O , EtOH, ethylene glycol, ethylene chloride, xylene, corn oil; insoluble in kerosene, mineral oil. *Ortho Pharmaceutical Corp.; Schering-Plough HealthCare Products; Whitehall-Robins.*

9994 Polidocanol

3055-99-0 7717 221-284-4
 $C_{12}H_{25}(OCH_2CH_2)_n OH$ (average polymer, n = 9)
 α -Dodecyl- ω -hydroxypoly(oxy-1,2-ethanediyl).
 polyethylene glycol (9) monododecyl ether; dodecyl alcohol polyoxyethylene ether; hydroxypolyethoxydodecane; laureth 9; polyoxyethylene lauryl ether; polyethylene glycol monododecyl ether; Aethoxysklerol; Aetoxisclerol; Atlas G-4829; Hetoxol L-9; Lipal 9LA; Thesit. Also used as a solvent, non-ionic emulsifier, pharmaceutical aid (surfactant), spermatacide. Sclerosing agent; antipruritic; anesthetic (topical). Soluble in H_2O , EtOH, C_7H_8 ; miscible with hot mineral, natural and synthetic oils; miscible with fats and fatty alcohols; LD₅₀ (mus orl) = 1170 mg/kg, (mus iv) 125 mg/kg. *Pratt Pharmaceuticals.*

9995 Tolnidamine

50454-68-7
 $C_{16}H_{13}ClN_2O_2$
 1-(4-Chloro-2-methylbenzyl)-1H-indazole-3-carboxylic acid.
 Antispermaticogenic.

Alcohol and Tobacco Deterrents**9996 Acamprosate Calcium**

77337-73-6 14
 $C_{10}H_{20}CaN_2O_8S_2$
 3-(Acetylamino)-1-propanesulfonic acid calcium salt (2:1).
 Ca-AOTA; Aotal; calcium bisacetyl homotaurine. A GABA agonist. Used to treat alcoholism. mp = 270°; λ_m 192 nm (ϵ 7360 H_2O); LD₅₀ (mmus ip) = 1870 mg/kg. *Lab. Meram.*

9997 Acamprosate 6473

77337-76-9 278-667-4
 $C_5H_{11}NO_4S$
 3-Acetamido-1-propanesulfonic acid.
 Used to treat alcoholism. *Lab. Meram.*

9998 Bupropion

34911-55-2 1523
 $C_{13}H_{18}ClNO$
 (±)-2-(tert-Butylamino)-3'-chloropropiophenone.
 amfebutamone. Antidepressant. Pale yellow oil; bp = 52°; soluble in MeOH, EtOH, Me_2CO , Et_2O , C_6H_6 . *Burroughs Wellcome.*

9999 Bupropion Hydrochloride

31677-93-7 1523 250-759-9
 $C_{13}H_{19}Cl_2NO$
 (±)-2-(tert-Butylamino)-3'-chloropropiophenone hydrochloride.
 Wellbutrin; Zyban. Antidepressant. Also used in smoking cessation therapy. mp = 233-234°; solubility

Part II

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1 CAS Registry Number Index

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		(-)-(S)-2-Acetamido-N-(3,4-dihydroxyphenethyl)-4-(methylthio)butyramide bis(ethyl carbonate) (ester)
		2-Acetamido-4-mercaptoputyric acid γ-thiolactone
		L-α-Acetamido-β-mercaptopropionic acid
		4-Acetamido-2-methyl-1-naphthol
		4-Acetamidophenyl acetate
		4-acetamidophenyl (diethylamino) acetate
		N-[(S)-β-[2-(4-acetamido-4-phenyl-piperidino)ethyl]-3,4-dichloro-phenethyl]-N-methylbenzamide
		p-acetamidophenyl salicylate
		4-Acetamidophenyl salicylate acetate
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		p-(acetamino)benzoic acid
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		acetamox
		Acetanilide
		Acetannin
		Acetanol
		Acetarsin
		acetarsol
		Acetarsone
		Acetarsone Diethylamine Salt
		Acetasol
		acetate
		acetate salicylic acid
		Acetatocobalamin
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Acetic acid ammonium salt	7832	dimethylamine	9851
Acetic acid lead salt (2:1)	6856	[2-(4-Acetoxy-2-isopropyl-5-methyl-phenoxy)ethyl]	
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2-(Acetoxy)-N,N-diethyl-1,3,4,6,7,11b-hexahydro-		naphthacenedione hydrochloride	5169
9,10-dimethoxy-2H-benzo[a]quinolizine-3-		(8S-cis)-8-Acetyl-10-[(3-amino-2,3,6-trideoxy-α-L-	
carboxamide	5700	lyxo-hexo-pyranosyl)oxy]-7,8,9,10-	

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L-lysyl-L-propyl-D-alaninamide diacetate (salt)	8230	acetaldehyde	2192
N-Acetyl-3-(2-naphthyl)-D-alanyl-p-chloro-L-phenylalanyl-3-(3-pyridyl)-D-alanyl-L-seryl-L-tyrosyl-N ⁶ -carbamoyl-D-lysyl-L-leucyl-N ⁶ -isopropyl-L-lysyl-L-prolyl-D-alaninamide	8589	(3β,5β,16β)-16-(Acetyloxy)-3-[(2,6-dideoxy-3-O-methyl-α-L-arabino-hexopyranosyl)oxy]-14-hydroxy-card-20(22)-enolide	7487
1-[N-Acetyl-3-(2-naphthyl)-D-alanyl-p-chloro-D-phenylalanyl-D-tryptophyl-L-seryl-L-tyrosyl-O-(6-deoxy-α-L-mannopyranosyl)-D-seryl-L-leucyl-L-arginyl-L-prolyl] semicarbazide	3835	16β-(Acetyloxy)-3β-[(2,6-dideoxy-3-O-methyl-α-L-arabino-hexo-pyranosyl)oxy]-14-hydroxy-5β-card-20(22)-enolide	7902
N-(II ³ -N-Acetylneuraminosyl-gangliotetraosyl) ceramide isopropyl ester	4683	17α-(Acetyloxy)-13-ethyl-18,19-dinorpregn-4-en-20-yn-3-one 3-oxime	9116
N-(II ³ -N-Acetylneuraminosyl-gangliotetraosyl) ceramid intramolecular ester	7723, 9904	(6α,11β)-21-(Acetyloxy)-6,9-difluoro-11-hydroxy-17-(1-oxo-butoxy)pregna-1,4-diene-3,20-dione	4842
2-(Acetyloxy)benzoic acid	503, 4534, 5908	(6α,11β,16α)-21-(Acetyloxy)-6,9-difluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione cyclic	4851
2-(Acetyloxy)benzoic acid 2-[4-(acetylamino)phenoxy]ethyl ester	578, 4602, 5929	5-(Acetyloxy)-5,6-dihydro-6-(3-methoxyoxiranyl)-2H-pyran-2-one	5031
2-(Acetyloxy)benzoic acid magnesium salt	647, 5941	(11β,16α)-21-(Acetyloxy)-11,17-dihydroxy-6,16-dimethyl-2'-phenyl-2'H-pregna-2,4,6-trieno[3,2-c]pyrazol-20-one	8633
2-(Acetyloxy)benzoic acid 2-methoxy-phenyl ester	611, 4640, 5932	(6α,11β)-21-(Acetyloxy)-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione	8693
2-(Acetyloxy)benzoic acid calcium salt	524, 4566, 5918	(6α,11β,16α)-21-(Acetyloxy)-6-fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione	8703
2-(Acetyloxy)benzoic acid calcium salt complex with urea	525, 4567, 5919	(11β,16β)-21-(Acetyloxy)-9-fluoro-11-hydroxy-2'-methyl-5'H-pregna-1,4-dieno[17,16-d]oxazole-3,20-dione	4846
2-(Acetyloxy)benzoic acid phenyl ester	711, 4723, 5960	25-(Acetyloxy)-2-(β-D-glucopyranosyloxy)-16,20-dihydroxy-9-methyl-19-norlanosta-1,5,23-triene-3,11,22-trione	8504
2-(Acetyloxy)benzoic acid polymer with aluminum oxide	477	(11β,16β)-21-(Acetyloxy)-11-hydroxy-2'-methyl-5'H-pregna-1,4-dieno[16,17-doxazole-3,20-dione	4826, 8634
[2aR-[2aα,4β,4aβ,6β,9α(αR*,βS*),11α,12α,12aα,12bα]]-β-12b-(Acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yles [(1,1-dimethyl-ethoxy)carbonyl]amino]-α-hydroxy-benzene-propanoic acid	5106	21-(Acetyloxy)-17-hydroxypregna-1,4-diene-3,11,20-trione	8717
[2aR-[2aα,4β,4aβ,6β,9α(αR*,βS*),11α,12α,12aα,12bα]]-β-12b-(Acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yles [(1,1-dimethyl-ethoxy)carbonyl]amino]-α-hydroxy-benzenepropanoic acid trihydrate	5105	(3β)-21-(Acetyloxy)-3-hydroxypregn-5-en-20-one	4803
(11β,16α)-21-(Acetyloxy)-3-(2-chloroethoxy)-9-fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]-20-oxopregna-3,5-diene-6-carboxaldehyde	8674	[6R-[6α,7β(R*)]]-3-[(Acetyloxy)methyl]-7-[(5-amino-5-carboxy-1-oxopentyl)amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	2019
(16α)-17-(Acetyloxy)-6-chloro-16-methylpregna-1,4-diene-3,20-dione	8628	[6R-[6α,7β(R*)]]-3-[(Acetyloxy)methyl]-7-[(aminophenylacetyl)amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-carboxylic acid	2017
(11β,16α)-21-(Acetyloxy)-16,17-[cyclopentylidene bis(oxy)]-9-fluoro-11-hydroxypregna-1,4-diene-3,20-dione	8608	[6R-[6α,7β(R*)]]-3-[(Acetyloxy)methyl]-7-[(aminophenylacetyl)amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-carboxylic acid dihydrate	2016
4-(Acetyloxy-6-[[3,6-dideoxy-4-O-[2,6-dideoxy-3-C-methyl-4-O-(3-methyl-1-oxobutyl)-α-L-ribohexopyranosyl]-3-(dimethylamino)-β-D-glucopyranosyl]oxy]-10-hydroxy-5-methoxy-9,16-dimethyl-2-oxooxacyclohexadeca-11,13-diene-7-		[6R-[6α,7β(Z)]]-3-[(Acetyloxy)methyl]-7-[(2-amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt	1967
		(6R-trans)-3-[(Acetyloxy)-methyl]-7-[(cyanoacetyl)	

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amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]		Acetylsalicylic Acid	474, 503, 4534, 5908
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(6R-trans)-3-[(Acetyloxy)-methyl]-7-[(cyanoacetyl)		acetylsalicylic acid calcium salt complex	
amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]		with urea	525, 4567, 5919
oct-2-ene-2-carboxylic acid monosodium salt	2012	Acetylsalol	711, 4723, 5960
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thienyl-acetyl)amino]-5-thia-1-azabicyclo		L-valyl-L- α -aspartyl-L-threonyl-L-seryl-L-	
[4.2.0]oct-2-carboxylic acid	2020	seryl-L- α -glutamyl-L-isoleucyl-L-threonyl-L-	
(6R-trans)-3-[(Acetyloxy)methyl]-8-oxo-7-[(2-		threonyl-L-lysyl-L- α -aspartyl-L-leucyl-L-lysyl-	
thienylacetyl)amino]-5-thia-1-azabicyclo		L- α -glutamyl-L-lysyl-L-lysyl-L- α -glutamyl-L-	
[4.2.0]oct-2-carboxylic acid sodium salt	2021	valyl-L-valyl-L- α -glutamyl-L- α -glutamyl-L-	
(6R-trans)-3-[(Acetyloxy)methyl]-8-oxo-7-		alanyl-L- α -glutamyl-L-asparagine	5350
[[[4-pyridinylthio)acetyl]amino]-5-thia-1-		1-[N ² -[N-(N-acetyl-L-seryl)-L- α -aspartyl]-L-	
azabicyclo[4.2.0]oct-2-ene 2-carboxylic acid	2022	lysyl]-L-proline	25
(6R-trans)-3-[(Acetyloxy)methyl]-8-oxo-7-		5-Acetylspiro[benzofuran-2(3H),	
[[[4-pyridinyl-thio)acetyl]amino]-5-thia-1-		1'-cyclopropan]-3-one	6528, 7759
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1,2-ethanediamine (2:1)	2023	Acetyltannic Acid	3422
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[[[4-pyridinylthio)acetyl]amino]-5-thia-1-		glycine benzyl ester	8053
azabicyclo[4.2.0]oct-2-ene 2-carboxylic acid		N-[(R,S)-3-Acetylthio-2-benzo-propanoyl]	
monosodium salt	2024	glycine benzyl ester	8052
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29-oic acid	6458, 7743	propyl]glycine phenylmethyl ester	3421
(20 β)-3 β -(Acetyloxy)-11-oxoolean-12-en-		($\pm$)-2-(6-Acetyl-m-toluidino)-2-(2,6-dichloro-	
29-oic acid aluminum salt	6459, 7744	phenyl)acetamide	6614
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ethanaminium 1,5-naphthalenedisulfonate (2:1)	7593	Acevaltrate	9280
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Amcinonid	8608	Amidefrine Mesilate	7766
AMD	4316	Amidephrine	85, 7765
Amdinocillin	1885	Amidephrine Mesylate	86, 7766
Amdinocillin Pivoxil	1886	Amidephrine Monomethane-sulfonate	86, 7766
Amdray	2157, 5371	N-[[4-(Amidinoamidino)-1-piperazinyl]methyl]-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene-carboxamide	2548
Amebacilin	1334	N-[[4-(Amidinoamidino)-1-piperazinyl]methyl]-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene-carboxamide hydrochloride	2549
Ameban	1314	N-[(R)-[[[(2S)-2-[(p-Amidino-benzyl)carbamoyle]-1-azetidiny]carbonyl]cyclohexylmethyl]glycine	6322
Amebarsin	1329	[[1-[N-(p-Amidinobenzoyl)-L-tyrosyl]-4-piperidyl]oxy]acetic acid	6316, 8178
Amebarson	1314	[[1-[N-(p-Amidinobenzoyl)-L-tyrosyl]-4-piperidyl]oxy]acetic acid trifluoroacetate	6317, 8179
Amebil	1325, 6082	(3S,5S)-5-[[[(4'-Amidino-4-biphenyl)oxy]methyl]-2-oxo-3-pyrrolidoneacetic acid	8177
Ame-Boots	1330	N-Amidino-2-(2,6-dichloro-phenyl)acetamide	115, 4262
Amechol	7610	N-Amidino-2-(2,6-dichloro-phenyl)acetamide hydrochloride	116, 4263
Amedalin	3024	N-Amidino-3,5-diamino-6-chloropyrazine-carboxamide	7828
Amedalin Hydrochloride	3025	N-Amidino-3,5-diamino-6-chloropyrazine carboxamide monohydrochloride dihydrate	7829
Amedel	5282, 5376	N-[N'-[[[(3S-1-Amidino-3-piperidyl)methyl]-N'-2-(naphthyl-sulfonyl)-L-asparaginy]-N-cyclopropylglycine monohydrate	6326
Ameisensäure	6853	N-(2-Amidinoethyl)-4-[p-[bis(2-chloroethyl)amino]benzamido]-1,1',1'-trimethyl-N,4':N',4'-ter[pyrrole-2-carboxamide	5333
Ameltolide	2906	N-(2-Amidinoethyl)-4-formamido-1,1',1'-trimethyl-N,4':N',4'-ter[pyrrole-2-carboxamide]	2296
Amen	7732, 9105		
Amenide	1347		
Amenox	1347		
Amenyl, component of	9071		
Americaine	906		
American penicillin	1904		
American Valerian	9343		
Amerkin	5022, 5023		
Amesec, component of	6903, 7117, 7150		
Ametantrone Acetate	5017		
Amethone	900		
Amethone hydrochloride	901		
Amethopterin	1726, 5216		
A-Methopterin	1726		
Ametox	3488		
Ametycine	5231, 5248		
Amezinium Methyl Sulfate	4467		
Amfamox	6481, 6589		
Amfamox	7871, 8384		
amfebutamone	3047, 9998		
Amfecloral	1047		
Amfenac	4521		

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N-(2-Amidinoethyl)-4-formamido-1,1',1'-trimethyl-N,4':N',4-ter[pyrrole-2-carboxamide] monohydrochloride	2297	3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	1884
6-Amidino-2-naphthyl p-guanidino benzoate dimethanesulfonate	2891	4-Amino-1-[(aminoacetyl)methylamino]-1,4-dideoxy-3-O-(2,6-diamino-2,3,4,6,7-pentadeoxy-β-L-lyxo-heptopyranosyl)-6-O-methyl-L-chiro-inositol	1815
(2S)-3-[2-[(5R)-3-(p-Amidino-phenyl)-2-isoxazolin-5-yl]acetamido]-2-(carboxyamino) propionic acid 2-butylmethyl ester monoacetate	6339	4-Amino-1-[(aminoacetyl)methylamino]-1,4-dideoxy-3-O-(2,6-diamino-2,3,4,6,7-pentadeoxy-β-L-lyxo-hepto-pyranosyl)-6-O-methyl-L-chiro-inositol	1832
N-[[[(3S)-1-(p-Amidinophenyl)-2-oxo-3-pyrrolidinyl] carbamoyl]-β-alanine ethyl ester monoacetate quadrantihydrate	6329	4-Amino-1-[(aminoacetyl)methylamino]-1,4-dideoxy-3-O-(2,6-diamino-2,3,4,6,7-pentadeoxy-β-L-lyxo-hepto-pyranosyl)-6-O-methyl-L-chiro-inositol sulfate	1816
Amidofebrin	487, 5905	4-Amino-N-(aminocarbonyl)benzenesulfonamide	2499
amidolacetatel	391	5-Amino-6-(7-amino-5,8-dihydro-6-methoxy-5,8-dioxo-2-quinolyl)-4-(2-hydroxy-3,4-dimethoxy-phenyl)-3-methylpicolinic acid	5257
Amidon	390	4-Amino-6-[(2-amino-1,6-dimethyl-4(1H)-pyrimidinyl-idene)amino]-1,2-dimethyl-quinolinium conjugate monoacid	5619
Amidonal	1511	4-Amino-6-[(2-amino-1,6-dimethyl-4(1H)-pyrimidinylidene)amino]-1,2-dimethylquinolinium dichloride	5620
Amidopyrazoline	487, 5905	4-Amino-6-[(2-amino-1,6-dimethyl-4(1H)-pyrimidinylidene)amino]-1,2-dimethylquinolinium dimethosulfate	5621
amidopyrine	487, 5905	[2-Amino-4-(aminosulfonyl)phenyl]arsinous acid	1350
Amidozol	2510	(-)-5-Amino-2-[[[(6R,7R)-7-[2-(2-amino-4-thiazolyl)]gyoxylamido]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-1-(2-hydroxyethyl)-pyrazolium hydroxide inner salt 7 ² -(Z)-(O-methyloxime)	1965
Amidryl	3909, 3910	4-Amino-1-β-D-arabinofuranosyl-2(1H)-pyrimidinone	5009, 5087, 5088, 6572, 6573, 6574
Amiflamine	8749	4-Amino-1-β-D-arabinofuranosyl-s-triazin-2(1H)-one	5147
Amifloxacin	2378	2-Amino-4-arsenosphenol hydrochloride	5610
Amifloxacin Mesylate	2379	7-[(1R,5S,6s)-6-Amino-3-aza-bicyclo[3.1.0]hex-3-yl]-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid	2427
Amifostine	9602	7-[(1R,5S,6s)-6-Amino-3-aza-bicyclo[3.1.0]hex-3-yl]-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid hydrochloride	2428
Amifostine Monohydrate	9603	7-[(1R,5S,6s)-6-Amino-3-aza-bicyclo[3.1.0]hex-3-yl]-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid monomethanesulfonate	2429
Amifostine Trihydrate	9604	7-[2-[(3-Pyridylmethyl)amino]ethyl]-theophylline nicotinate	9783
Amifur	2245, 6110	[(±)-endo]-4-Amino-N-(1-aza-bicyclo[3.3.1]non-4-yl)-5-chloroanisamide	8219
Amigen	9226	(±)-α-Aminobenzeneacetic acid 3-methylbutyl ester hydrochloride	6228
Amiglyde-V	1812	p-Aminobenzenesulfonamide	2496
Amikacin	1811	4-(4'-Aminobenzenesulfonamido)benzene-	
Amikacin Sulfate	1812		
Amikal	7829		
Amikavet	1812		
Amikin	1812		
Amiklin	1812		
Amiloride	7828		
Amiloride Hydrochloride	7829		
Amilorin	7829		
Amilyt	8817		
amimetilina	3250		
Amimycin	2202		
Aminarson	1314		
Aminazin	3529		
Aminazine	5718		
Amineptene Hydrochloride	7636		
Amineptine	7637		
Amineurin	3027		
Aminicotin	8085, 9951		
Aminitroazole	5560		
2-(2-Aminoacetamido)-4'-chloro-2'-(o-chlorobenzoyl)-N-methylacetanilide	6751		
2-(2-Aminoacetamido)-4'-chloro-2'-(o-chlorobenzoyl)-N-methylacetanilide monohydrate	6752		
5-[(2-Aminoacetamido)methyl]-1-[4-chloro-2-(o-chloro-benzoyl)phenyl]-N,N-dimethyl-1H-1,2,4-triazole-3-carboxamide	9436		
Aminoacetic acid	5643		
6-(3-Amino-1-adamantanecarboxamido)-			

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sulfonamide	2498	alcohol hydrochloride	6935, 7199
4-(p-Aminobenzenesulfon-amido)-2-hydroxybenzoic acid	2492	4-Amino- α -[(tert-butylamino)methyl]-3,5-dichlorobenzyl alcohol	6889, 7132
4-Aminobenzenesulfonic acid	2532, 2533	4-Amino- α -[(tert-butylamino)methyl]-3,5-dichlorobenzyl alcohol monohydrochloride	6890, 7133
4-[[α -[(2-Aminobenz[cd]-indol-6-yl)methylamino]-p-tolyl)sulfonyl]morpholine	5214	3-(2-Aminobutyl)indole	7682
4-[[α -[(2-Aminobenz[cd]-indol-6-yl)methylamino]-p-tolyl)sulfonyl]morpholine mono-D-glucuronate	5215	3-(2-Aminobutyl)indole monoacetate	7683
Aminobenzoate Potassium	479	5-Amino-N-butyl-2-(2-propynyloxy)benzamide	700, 4716
Aminobenzoate Sodium	480	γ -Aminobutyric Acid	4116
4-Aminobenzoic acid	5980, 9624	ϵ -Aminocaproic Acid	8308
p-Aminobenzoic Acid	9624, 5980	2,2'-[[[4-[(Aminocarbonyl)amino]phenyl]arsinidene]	
para-aminobenzoic acid	5980	bis(thio)]bis[acetic acid]	1357
4-Aminobenzoic acid diethylamine salt	9625	2,2'-[[[4-[(Aminocarbonyl)amino]phenyl]arsinidene]bis(thio)]bis[benzoic acid]	1356
p-Aminobenzoic Acid diethylamine Salt	9625	[6R-[6 α ,7 β (Z)]]-4-(Aminocarbonyl)-1-[[7-[[[(2-amino-4-thiazolyl)](1-carboxy-1-methylethoxy)imino]acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]pyridinium inner salt sodium salt pentahydrate	1992
p-Aminobenzoic acid monosodium salt	480	[6R-[6 α ,7 β (Z)]]-4-(Aminocarbonyl)-1-[[7-[[[(5-amino-1,2,4-thiadiazol-3-yl)(methoxyimino)acetyl]-amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-3-yl]methyl-1-azoniabicyclo[2.2.2]octane inner salt	1938
p-Aminobenzoic acid potassium salt	479, 3624	N-(Aminocarbonyl)-2-bromo-3-methylbutanamide	9305
3-(p-Aminobenzoyl)-7-benzyl-3,7-diazabicyclo[3.3.1]nonane	1504	[6R-[6 α ,7 β (R*)]]-4-(Aminocarbonyl)-1-[[2-carboxy-8-oxo-7-[(phenylsulfoacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]-methyl]pyridinium hydroxide inner salt monosodium salt	1989
4-Amino-N-(1-benzyl-4-piperidyl)-5-chloro-o-anisamide	3533, 6182	[6R-[6 α ,7 β (R*)]]-4-(Aminocarbonyl)-1-[[2-carboxy-8-oxo-7-[(phenylsulfoacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]pyridinium inner salt sodium salt	1990
4-Amino-N-(1-benzyl-4-piperidyl)-5-chloro-o-anisamide hydrochloride monohydrate	3534	3-(Aminocarbonyl)-O ⁴ -deacetyl-3-de(methoxycarbonyl)sulfate (1:1) (salt)	5121
4-Amino-N-(1-benzyl-4-piperidyl)-5-chloro-o-anisamide malate	3535, 6183	N-[1-(Aminocarbonyl)ethenyl]-2-[14-ethylidene-9,10,11,12,13,14,19,20,21,22,23,24,26,33,35,36-hexadecahydro-3,23-dihydroxy-11-(1-hydroxy-ethyl)-31-methyl-9,12,19,24,33,43-hexaoxo-30,32-imino-8,5:18,15:40,37-trinitrilo-21,36([2,4]-endo-thiazolomethanimino)-5H,15H,37H-pyrido[3,2-w][2,11,21,27,31,7,14,17]benzoxatetraithiazacyclohexatriacotin-2-yl]-4-thiazolecarboxamide	8248
4-Aminobutanoic acid	4116	N-(Aminocarbonyl)hydroxylamine	5167
3-Amino-1,2,4-benzotriazine 1,4-dioxide	5352	N-(Aminocarbonyl)-2-(1-methyl-ethyl)-4-pentenamide	9294
4-Amino-2',6'-benzoxylidide	2906	[6R-[6 α ,7 β (Z)]]-3-[[[(Aminocarbonyl)oxy]methyl]-7-[[2-(2-amino-4-thiazolyl)-1-oxo-2-pentenyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-	
2-Amino-3-benzoylphenyl acetic acid	4521		
5-Amino[3,4'-bipyridin]-6(1H)-one	7417		
8-Amino-1,3-bis(cyclopropyl-methyl)-3,7-dihydro-1H-purine-2,6-dione	6570		
[1R-(1 α ,2 β ,3 α)]-2-Amino-9-[2,3-bis(hydroxymethyl)cyclobutyl]-1,9-dihydro-6H-purin-6-one	6613		
5-Amino-1,3-bis(2-ethylhexyl)hexahydro-5-methylpyrimidine	3694		
2-Amino-1,2-bis(p-methoxyphenyl)ethanol	619		
2-Amino-1,2-bis(p-methoxyphenyl)ethanol hydrochloride	620		
2-Amino-3-(p-bromobenzoyl)phenyl]acetic acid	514, 4554		
4-Amino-5-bromo-N-[2-(diethylamino)ethyl]-o-anisamide	3524		
4-Amino-5-bromo-N-[2-(diethylamino)ethyl]-o-anisamide hydrochloride	3525		
2-Amino-5-bromo-6-phenyl-4(3H)-pyrimidinone	5057, 6564		
Aminobutene	347		
3-Amino-2-butoxybenzoic acid 2-(diethylamino)ethyl ester	974		
3-Amino-2-butoxybenzoic acid 2-(diethylamino)ethyl ester hydrochloride	975		
4-Amino-N-[(butylamino)carbonyl]benzene sulfonamide	3325		
4-Amino- α -[(tert-butylamino)methyl]-3-chloro-5-(trifluoromethyl)benzyl alcohol	6934, 7198		
4-Amino- α -[(tert-butylamino)methyl]-3-chloro-5-(trifluoromethyl)benzyl			

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carboxylic acid	1936	[R-[(R*,S*(Z))-7-[(2-Amino-2-carboxyethyl)thio]-2-[[[(2,2-dimethylcyclopropyl)carbonyl]amino]-2-heptenoic acid	2631
[6R-[6α,7β(Z)]]-3-[[[(Amino-carbonyl)oxy]methyl]-7-[[2-(2-amino-4-thiazolyl)-1-oxo-2-pentenyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		[R-[(R*,S*(Z))-7-[(2-Amino-2-carboxyethyl)thio]-2-[[[(2,2-dimethylcyclopropyl)carbonyl]amino]-2-heptenoic acid hydrochloride	2632
(2,2-dimethyl-1-oxopropoxy)methyl ester	1937	[6R-[6α,7α,7(S*)]]-7-[[[(2-Amino-2-carboxyethyl)thio]acetyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1955
[6R-[6α,7β(Z)]]-3-[[[(Aminocarbonyl)oxy]methyl]-7-[[2-furanyl(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	2006	[6R-[6α,7α,7(S*)]]-7-[[[(2-Amino-2-carboxyethyl)thio]acetyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-aza-bicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt heptahydrate	1957
[6R-[6α,7β(Z)]]-3-[[[(Amino-carbonyl)oxy]methyl]-7-[[2-furanyl(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 1-acetoxyethyl ester	2007	(3S)-5'-[[[3-Amino-3-carboxylatopropyl)methylsulphonio]-5'-deoxyadenosine	4747
[6R-[6α,7β(Z)]]-3-[[[(Aminocarbonyl)oxy]methyl]-7-[[2-furanyl(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		[6R-(6α,7α)]-7-[[[4-(2-Amino-1-carboxy-2-oxoethylidene)-1,3-dithietan-2-yl]carbonyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1968
(2,2-dimethyl-1-oxopropoxy)methyl ester	2008	[6R-(6α,7α)]-7-[[[4-(2-Amino-1-carboxy-2-oxoethylidene)-1,3-dithietan-2-yl]carbonyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid disodium salt	1969
[6R-[6α,7β(Z)]]-3-[[[(Aminocarbonyl)oxy]methyl]-7-[[2-furanyl(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt	2009	[2S-[2α,5α,6β(S*)]]-6-[(5-Amino-5-carboxy-1-oxopentyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2095
[5R-[5α,6α(R*)]]-3-[[[(Amino-carbonyl)oxy]methyl]-6-(1-hydroxyethyl)-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid	2124	(S)-(3-Amino-3-carboxypropyl)dimethylsulfonium chloride	9978
(6R-cis)-3-[[[(Aminocarbonyl)oxy]methyl]-7-methoxy-8-oxo-7-[(2-thienylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1973	(3S)-5'-[[[3-Amino-3-carboxypropyl)methylsulfonio]-5'-deoxyadenosine inner salt	8363
(6R-cis)-3-[[[(Aminocarbonyl)oxy]methyl]-7-methoxy-8-oxo-7-[(2-thienylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt	1974	Aminocardol	7117, 8809
[2S-[2α,3α(Z)]]-[[[2-[[2-[[[(Aminocarbonyl)oxy]methyl]-4-oxo-1-sulfo-3-azetidiny]amino]-1-(2-amino-4-thiazolyl)-2-oxoethylidene]amino]oxy]acetic acid	1913	aminochinuride	6005
[2S-[2α,3α(Z)]]-[[[2-[[2-[[[(Aminocarbonyl)oxy]methyl]-4-oxo-1-sulfo-3-azetidiny]amino]-1-(2-amino-4-thiazolyl)-2-oxoethylidene]amino]oxy]acetic acid disodium salt	1914	2-Amino-4-p-chloroanilino-s-triazine	7851
2-[[[(Aminocarbonyl)oxy]-N,N,N-trimethylethanaminium chloride	7596, 8739	2-Amino-4-p-chloroanilino-s-triazine hydrochloride	7852
[2-(Aminocarbonyl)phenoxy]acetate sodium salt (1:1)	754, 4753, 5972	4-Amino-6-chloro-1,3-benzenedisulfonamide	7850
[2-(Aminocarbonyl)phenoxy]acetic acid	753, 4752, 5971	2-Amino-5-chlorobenz-oxazole	8932, 9663
1-[[[4-(Aminocarbonyl)pyridino]methoxy]methyl]-2-[(hydroxyimino)methyl]pyridinium dichloride	3459, 7630	4-Amino-5-chloro-α-cyclopropyl-N-3-quinuclidinyl-o-anisamide	3576, 6782
(6R,7S)-7-[2-[[[(S)-2-Amino-2-carboxyethyl]thio]acetamido]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1956	(±)-4-Amino-5-chloro-α-cyclopropyl-N-3-quinuclidinyl-o-anisamide	3577, 6783
		4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-o-anisamide.HCl.H2O	3561
		4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-methoxybenzamide	3561
		4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-methoxybenzamide monohydrochloride monohydrate	3562
		4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-[(1-methylacetyl)oxy]benzamide	3520
		4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-[(1-methylacetyl)oxy]benzamide hydrochloride	3521
		(±)-4-Amino-5-chloro-2-ethoxy-N-[4-(4-fluorobenzyl)-2-morpholinyl]methyl benzamide	8218

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6-Amino-2-(2-chloroethyl)-2,3-dihydro-4H-1,3-benzoxazin-4-one	481, 5902	2-Amino-2-deoxy-β-D-glucopyranose sulfate (salt)	1716
6-Amino-2-(2-chloroethyl)-2,3-dihydro-4H-1,3-benzoxazin-4-one monohydrochloride	482, 5903	(S)-O-3-Amino-3-deoxy-α-D-glucopyranosyl-(1→6)-O-[6-amino-6-deoxy-α-D-glucopyranosyl-(1→4)]-N ¹ -(4-amino-2-hydroxy-1-oxobutyl)-2-deoxy-D-streptamine	1811
cis-4-Amino-5-chloro-N-[1-[3-(p-fluorophenoxy)propyl]-3-methoxy-4-piperidyl]-o-anisamide	8212	(S)-O-3-Amino-3-deoxy-α-D-glucopyranosyl-(1→6)-O-[6-amino-6-deoxy-α-D-glucopyranosyl-(1→4)]-N ¹ -(4-amino-2-hydroxy-1-oxobutyl)-2-deoxy-D-streptamine sulfate	1812
(αS,5S)-α-Amino-3-chloro-2-isoxazoleacetic-5-acetic acid	4996	(S)-O-3-Amino-3-deoxy-α-D-glucopyranosyl-(1→6)-O-[2,6-diamino-2,3,4,6-tetra-deoxy-α-D-erythro-hexo-pyranosyl-(1→4)]-N ¹ -(4-amino-2-hydroxy-1-oxobutyl)-2-deoxy-D-streptamine	1814
2-Amino-5-(p-chlorophenyl)-2-oxazoline	1056	(S)-O-6-Amino-6-deoxy-α-D-glucopyranosyl-(1→4)-O-[3-deoxy-4-C-methyl-3-(methyl-amino)-β-L-arabinopyranosyl-(1→6)]-N ¹ -(3-amino-2-hydroxy-1-oxo-propyl)-2-deoxy-D-streptamine	1841
4-Amino-5-chloro-N-3-quinuclidinyl-o-anisamide	3599	(S)-O-6-Amino-6-deoxy-α-D-glucopyranosyl-(1→4)-O-[3-deoxy-4-C-methyl-3-(methyl-amino)-β-L-arabinopyranosyl-(1→6)]-N ¹ -(3-amino-2-hydroxy-1-oxo-propyl)-2-deoxy-D-streptamine sulfate	1842
4-Amino-5-chloro-N-3-quinuclidinyl-o-anisamide monohydrochloride monohydrate	3600	aminodeoxykanamycin	1818, 1846
Aminochlorthenoxazin	481, 5902	4-Amino-1-(2-deoxy-β-D-erythropento-furanosyl)-3,5-triazin-2(1H)-one	5094
Aminochlorthenoxazin Hydrochloride	482, 5903	4-Amino-1-(2-deoxy-2-fluoro-β-D-arabino-furanosyl)-5-iodo-2(1H)-pyrimidinone	6592
Aminochromes	8309	[1-Amino-3-[[[2-[(diamino-methylene)amino]-4-thiazolyl]methyl]thio]propylidene]sulfamide	6481
p-aminoclonidine	87	trans-4-[(2-Amino-3,5-dibromobenzyl)amino]cyclohexanol	8155
[2S-[2α,5α,6β(S*)]]-6-[(Amino-1,4-cyclohexadien-1-ylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2040	trans-4-[(2-Amino-3,5-dibromobenzyl)amino]cyclohexanol hydrochloride	8156
[6R-[6α,7β(R*)]]-7-[(Amino-1,4-cyclohexadien-1-ylacetyl)amino]-3-methoxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1988	2-Amino-3,5-dibromo-N-cyclohexyl-N-methyl benzenemethanamine	8158, 8780
[6R-[6α,7β(R*)]]-7-[(Amino-1,4-cyclohexadien-1-ylacetyl)amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	2025	2-Amino-3,5-dibromo-N-cyclohexyl-N-methyl benzenemethanamine monohydrochloride	8159, 8781
[6R-[6α,7β(R*)]]-7-[(Amino-1,4-cyclohexadien-1-ylacetyl)amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid dihydrate	2026	2-(4-Amino-3,5-dichlorobenzyl)-2-imidazonline	7784
[6R-[6α,7β(R*)]]-7-[(Amino-1,4-cyclohexadien-1-ylacetyl)amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrate	2027	3-Amino-1-(3,4-dichloro-α-methyl)benzyl-2-pyrazolin-3-one	4338, 7900
4-Amino-N-[1-(3-cyclohexen-1-ylmethyl)-4-piperidyl]-2-ethoxy-5-nitrobenzamide	8210	2-[(4-Amino-2,6-dichlorophenyl)imino]imidazolidine	87
4-Amino-N-[1-(3-cyclohexen-1-ylmethyl)-4-piperidyl]-2-ethoxy-5-nitrobenzamide tartrate	8211	2-[(4-Amino-2,6-dichlorophenyl)imino]imidazolidine dihydrochloride	88
[2S-(2α,5α,6β)]-6-[[[1-Amino-cyclohexyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2036	2-[(4-Amino-2,6-dichlorophenyl)imino]imidazolidine hydrochloride	89
4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]=2-cyclopentene-1-methanol, (1S, cis)	6542	(-)-(R)-4-Amino-3,5-dichloro-α-[[[6-[2-(2-pyridyl)ethoxy]hexyl]amino]methyl]benzyl alcohol	7217
4-[2-Amino-6-(cyclopropylamino)-9H-purin-9-yl]-2-cyclopentene-1-methanol, (1S, cis), butanedioate (1:1) (salt)	6543	(-)-(R)-4-Amino-3,5-dichloro-α-[[[6-[2-(2-pyridyl)ethoxy]hexyl]amino]methyl]benzyl alcohol fumarate (2:1) (salt)	7218
(-)-(3S)-10-(1-Aminocyclopropyl)-9-fluoro-2,3-dihydro-3-methyl-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid	2409	4-Amino-1,4-dideoxy-3-O-(2,6-diamino-2,3,4,6,7-pentadeoxy-β-L-lyxo-heptopyranosyl)-6-O-methyl-1-(methylamino)-L-chiro-inositol	1833
(-)-(3S)-10-(1-Aminocyclopropyl)-9-fluoro-2,3-dihydro-3-methyl-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid monomethanesulfonate	2410		
5-Amino-1-cyclopropyl-7-(cis-3,5-dimethyl-1-piperazinyl)-6,8-difluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid	2421		
Aminodal	7113, 7409		
Aminodal [as sodium salt]	7820		
2-Amino-2-deoxy-α-D-glucopyranose	1713, 1714, 1715		

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2-Amino-5-[3-O-[2,6-dideoxy-4-C-[(1S)-1-hydroxyethyl]-3-O-methyl- α -L-lyxohexopyranosyl]- β -D-allopyranosyl]-5-hydroxy-3,6-dioxo-1-cyclohexene-1-carboxylic acid 4'-[3-[[[(2R)-2-acetamido-2-carboxyethyl]-thio]-2-[(dithiocarboxy)amino]buyrate] 6'-acetate	2333	2-[(2-Amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-methoxy ethyl ester of L-valine hydrochloride	6654
2-Amino-5-[3-O-[2,6-dideoxy-4-C-[(1S)-1-hydroxyethyl]-3-O-methyl- α -L-lyxohexopyranosyl]- β -D-allopyranosyl]-5-hydroxy-3,6-dioxo-1-cyclohexene-1-carboxylic acid 4'-[3-[[[(2R)-2-acetamido-2-carboxyethyl]thio]-2-[(dithio-carboxy)amino]buyrate] 6'-acetate	2334	2-Amino-1,7-dihydro-6H-purine-6-thione	5348
10-[[2-O-(2-Amino-2,6-dideoxy-3-O-methyl- α -D-galacto-pyranosyl)-6-deoxy-3-C-methyl- β -D-galactopyranosyl]oxy]-6-hydroxy-1-methyl-benzo[h][1]benzopyrano[5,4,3-cde][1]benzopyran-5,12-dione	5124	2-Amino-3,5-dihydro-7-(3-pyridylmethyl)-4H-pyrrolo[3,2-d]pyrimidin-4-one	5274, 5677
22-[(3-Amino-3,6-dideoxy- β -D-mannopyranosyl)oxy]-1,3,26-trihydroxy-12-methyl-10-oxo-6,11,28-trioxatricyclo[22.3.1.0 ^{5,7}]-octacos-8,14,16,18,20-pentaene-25-carboxylic acid	3717	(-)-(6R)-2-Amino-6-[(1R,2S)-1,2-dihydroxypropyl]-5,6,7,8-tetrahydro-4(3H)-pteridinone	8098
[1R-1R*,3S*,5R*,6R*,9R*,11R*,15S*16R*,17R*,18S*,19E,21E,23E,25E,27E,29E,31E,33R*,35S*,36R*,37S*)]33-[(3-Amino-3,6-dideoxy- β -D-manno-pyranosyl)oxy]-1,3,5,6,9,11,17,37-octahydroxy-15,16,18-trimethyl-13-oxo-14,39-dioxo-bicyclo[33.3.1]nonatriaconta-19,21,23,25,27,29,31-heptaene-36-carboxylic acid	3632	(-)-(6R)-2-Amino-6-[(1R,2S)-1,2-dihydroxypropyl]-5,6,7,8-tetrahydro-4(3H)-pteridinone dihydrochloride	8099
2-Amino-4'-(diethylamino)-o-benzotoluidide	2909	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(1,4-benzo-dioxan-2-ylcarbonyl)piperazine	206, 4218
p-Amino-N-[2-(diethylamino)ethyl]benzamide	1646	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(1,4-benzodioxan-2-ylcarbonyl)piperazine monomethanesulfonate	207, 4219
p-Amino-N-[2-(diethylamino)ethyl]benzamide monohydrochloride	1647	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-butylhexahydro-1H-1,4-diazepine	4159
3-Amino-9,13b-dihydro-1H-dibenz[c,f]-imidazo[1,5-a]azepine	3924	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-butylhexahydro-1H-1,4-diazepine hydrochloride	4160
3-Amino-9,13b-dihydro-1H-dibenz[c,f]-imidazo[1,5-a]azepine hydrochloride	3925	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furanylcarbonyl)piperazine	9872
4-Amino-2-(3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolyl)-6,7-dimethoxy quinoline	196, 1359, 1490	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furanylcarbonyl)piperazine monohydrochloride	9873
2-Amino-1,9-dihydro-9-[(2-hydroxyethoxy)-methyl]-6H-purin-6-one	6546	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furoyl)piperazine	221, 4382
2-Amino-1,9-dihydro-9-[(2-hydroxyethoxy)-methyl]-6H-purin-6-one monosodium salt	6547	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furoyl)piperazine hydrochloride	222, 4383
2-Amino-1,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6H-purin-6-one	6602	($\pm$)-N-[3-[(4-Amino-6,7-dimethoxy-2-quinazolinyl)methylamino]propyl]tetrahydro-2-furamide	4110
2-Amino-1,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6H-purin-6-one monosodium salt	6603	($\pm$)-N-[3-[(4-Amino-6,7-dimethoxy-2-quinazolinyl)methylamino]propyl]tetrahydro-2-furamide monohydrochloride	4111
2-Amino-1,9-dihydro-9-[4-hydroxy-3-(hydroxymethyl)butyl]-6H-purin-6-one	6626	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(tetrahydro-2-furoyl)piperazine	227
6-Amino-1,5-dihydro-4H-imidazo[4,5-c]-pyridin-4-one	5100	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(tetrahydro-2-furoyl)piperazine	227, 4422, 5555
6-Amino-1,5-dihydro-4H-imidazo[4,5-c]-pyridin-4-one methanesulfonate	5101	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-(tetrahydro-2-furoyl)piperazine hydrochloride	228, 4423, 5556
2-[(2-Amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-methoxy ethyl ester of L-valine	6653	3-Amino-N-[2-(dimethylamino)ethyl]naphthalimide	5020
		3-Amino-7-dimethylamino-2-methylphenazathionium	8335
		9-Amino-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-1,11-dioxo-2-naphthacene-carboxamide	2538
		4-Amino-1-dodecylquialdinium acetate	6088
		Aminodur	7117, 8809
		Aminoethane	9267
		Aminoethane hydriodide	9268
		Aminoethane hydrochloride	9269
		Aminoethane 9-octa-decenoate (Z)	9270
		2-Aminoethanethiol	3461
		2-Aminoethanethiol hydrochloride	3462
		2-Aminoethanol	9265
		2-Aminoethanol nitrate (ester)p-toluenesulfonate	9762
		2-Amino-4'-ethoxy-acetanilide	708, 5957

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2-Amino-4'-ethoxyacetanilide salicylate	709, 5958	(±)-α-(Aminomethyl)-p-hydroxy benzyl alcohol hydrochloride	154
5-Amino-8-(2-ethoxyethyl)-7-phenyl-s- triazolo[1,5-c]pyrimidine	7838	(R*,R*)-α-(1-Aminoethyl)benzenemethanol	1090
β-aminoethyl alcohol	9265	(R*,R*)-α-(1-Aminoethyl)benzenemethanol hydrochloride	1091
5-[(2-Aminoethyl)amino]-2-[2-(diethylamino)ethyl]- 2H-[1]benzothiopyrano[4,3,2-cd]		(-)-α-(1-Aminoethyl)-m-hydroxybenzyl alcohol	130, 4482
indazol-8-ol trihydrochloride	5313	(-)-α-(1-Aminoethyl)-m-hydroxybenzyl alcohol hydrochloride	132, 4484
N-(2-Aminoethyl)-N'-[(2-aminoethyl) amino]ethyl]-1,2-ethanediamine polymer with (chloromethyl)-oxirane	4046, 8468	(-)-α-(1-Aminoethyl)-m-hydroxybenzyl alcohol tartrate (1:1) (salt)	131, 4483
N-(2-Aminoethyl)-N'-[(2-aminoethyl)amino]ethyl]- 1,2-ethanediamine polymer with (chloromethyl) oxirane hydrochloride salt	4047, 8469	4-(2-Aminoethyl)phenol	192
(±)-α-(1-Aminoethyl)benzenemethanol	158	4-(2-Aminoethyl)phenol hydrochloride	193
(±)-α-(1-Aminoethyl)benzenemethanol hydrochloride	159	4-(2-Aminoethyl)pyrocatechol	4473, 7449
N-(2-Aminoethyl)-5-chloropicolinamide	5486, 8755	4-(2-Aminoethyl)pyrocatechol hydrochloride	4474, 7450
N-(2-Aminoethyl)-5-chloropicolinamide hydrochloride	5487, 8756	2-Amino-6-ethyl-5,6,7,8-tetrahydro-4H-oxazolo [4,5-d]azepine	4130
(±)-α-(1-Aminoethyl)-2,5-dimethoxybenzyl alcohol	133, 4485	Aminoglutethimide	58, 2907, 5086, 6819
(±)-α-(1-Aminoethyl)-2,5-dimethoxybenzyl alcohol hydrochloride	134, 4486	2-aminoheptane	7798
10-(2-Aminoethyl)estr-5-ene-3,17-dione cyclic bis(ethylene acetal)	1577	9-Amino-2,3,5,6,7,8-hexahydro-1H-cyclopent [b]quinoline	5485
10-(2-Aminoethyl)estr-5-ene-3,17-dione cyclic bis(ethylene acetal) acetate	1578	6-Amino-1,1a,2,8,8a,8b-hexahydro-8-(hydroxy- methyl)-8a-methoxy-1,5-dimethyl-azirino- [2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione carbamate (ester)	5292
4-Amino-N-[(1-ethyl-2-pyrrolidinyl)methyl]-5- (ethylsulfonyl)-o-anisamide	5693	6-Amino-1,1a,2,8,8a,8b-hexahydro-8-(hydroxy- methyl)-8a-methoxy-1,5-dimethyl- azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione carbamate (ester)	5303
N-(2-Amino-4-(4-fluorobenzylamino)phenyl) carbamic acid ethyl ester	2991	(1aS,8S,8aR,8bS)-6-Amino-1,1a,2,8,8a,8b- hexahydro-8-(hydroxymethyl)-8a-methoxy- 5-methylazirino[2',3':3,4]pyrrolo[1,2-a] indole-4,7-dione carbamate (ester)	5231, 5248
6-Amino-2-(fluoromethyl)-3-o-tolyl-4-(3H)- quinazolinone	8804	N-[p-[2-[(R)-2-Amino-3,4,5,6,7,8-hexahydro-4- oxopyrido[2,3-d]pyrimidin-6-yl] ethyl]benzoyl]-L-glutamic acid	5192
[2-Amino-6-[[[(4-fluorophenyl)methyl]amino]- 3-pyridinyl] carbamate maleate (1:1)	602	N-[p-[2-[(R)-2-Amino-3,4,5,6,7,8-hexahydro-4- oxopyrido[2,3-d]pyrimidin-6-yl]ethyl] benzoyl]-L-glutamic acid disodium salt	5193
[2-Amino-6-[[[(4-fluorophenyl)methyl]amino]- 3-pyridinyl]carbamic acid ethyl ester	601	6-Aminohexanoic acid	8308
N-[p-[[[(2-Amino-5-formyl-5,6,7,8-tetrahydro- 4-hydroxy-6-pteridinyl)methyl]amino] benzoyl]glutamic acid	3472	4-Amino-5-hexenoic acid	3012
α-aminoglutaric acid	6735	3α-Amino-2β-hydroxy-5α-androstan-17-one	1503
p-Aminoglutethimide	5086	4-Amino-2-hydroxybenzoic acid	2570
(6R,7R)-7-[(R)-2-Amino-2-(p-hydroxyphenyl) acetamido]-3-[[[(5-methyl-1,3,4-thiadiazol- 2-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo [4.2.0]oct-2-ene-2-carboxylic acid	1924	5-amino-2-hydroxybenzoic acid	4678
(3-Amino-1-hydroxypropylidene) diphosphonic acid	5424, 5443, 7097	4-Amino-2-hydroxybenzoic acid hydrazide	2571
2-Amino-7-isopropyl-5-oxo-5H-[1]benzopyrano- [2,3-b]pyridine-3-carboxylic acid	1251, 1736	4-Amino-2-hydroxybenzoic acid phenyl ester	2605
(6R,7R)-7-[(2R)-2- ¹ Amino-2-(m-methanesulfon- amido-phenyl)acetamido]-3-methyl- 8-oxo-5-thia-1-azabicyclo[4.2.0]oct- 2-ene-2-carboxylic acid	1991	4-(2-Amino-1-hydroxybutyl)-1,2-benzenediol	6913, 7168
cis-4-(Aminomethyl)cyclohexane carboxylic acid	8337	4-(2-Amino-1-hydroxybutyl)-1,2-benzenediol hydrochloride	6914, 7169
(±)-α-(Aminomethyl)-p-hydroxybenzyl alcohol	152	(4-Amino-1-hydroxybutylidene)- bisphosphonic acid	5416, 5438, 7091
(±)-α-(Aminomethyl)-m-hydroxybenzyl alcohol hydrochloride	150	3-Amino-4-hydroxybutyric Acid	4523, 6004
		4-Amino-3-Hydroxybutyric Acid	2908
		γ-Amino-β-hydroxybutyric acid	2908
		1-N-[(S)-4-Amino-2-(hydroxy-butyl)]ribostamycin	1824
		β-Amino-4-hydroxy-3,5-diiodobenzene- propanoic acid	9193
		(±)-2-Amino-N-(β-hydroxy-2,5-dimethoxy phenethyl)acetamide	138, 4487

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(±)-2-Amino-N-(β-hydroxy-2,5-dimethoxyphenethyl)acetamide hydrochloride	139, 4488	3'-deoxy-N,N-dimethyladenosine	5298
1-[(2S)-6-Amino-2-hydroxyhexanoyl]-L-proline hydrogen (4-phenylbutyl)phosphonate (ester)	15, 4181	3'-(α-Amino-p-methoxyhydrocinnamido)-3'-deoxy-N,N-dimethyladenosine dihydrochloride	5299
(-)-(S)-2-Amino-3-(hydroxynitrosamino)-propionic acid	5006	(S)-3'-[[2-Amino-3-(4-methoxyphenyl)-1-oxopropyl]amino]-3'-deoxy-N,N-dimethyladenosine	5617
4-Amino-1-[2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)pyrimidinone, (2R, cis)	6612	4-Amino-6-methoxy-1-phenylpyridazinium methyl sulfate	4467
[2S-[2α,5α,6β(S*)]]-6-[[Amino(4-hydroxyphenyl)acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	1887	4-(Aminomethyl)-1-benzyl-2-pyrrolidinone	8994
[2S-[2α,5α,6β(S*)]]-6-[[Amino(4-hydroxyphenyl)acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid trihydrate	1888	4-(Aminomethyl)-1-benzyl-2-pyrrolidinone fumarate	8996
[6R-[6α,7β(R*)]]-7-[[Amino(4-hydroxyphenyl)acetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1917	(±)-4-(Aminomethyl)-1-benzyl-2-pyrrolidinone	8995
[6R-[6α,7β(R*)]]-7-[[Amino(4-hydroxyphenyl)acetyl]amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid hemihydrate	1918	8-[(4-Amino-1-methylbutyl)amino]-6-methoxy-quinoline	4927
[6R-[6α,7β(R*)]]-7-[[Amino(4-hydroxyphenyl)acetyl]amino]-8-oxo-3-(1-propenyl)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1984	8-[(4-Amino-1-methylbutyl)amino]-6-methoxy-quinoline phosphate	4928
[6R-[6α,7β(R*)]]-7-[[Amino(4-hydroxyphenyl)acetyl]amino]-8-oxo-3-(1-propenyl)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrate	1985	[[2-[(R)-2-Amino-3-methylbutyramido]-1,1-dimethylethyl]thio]acetic acid 8-ester with (3aS,4R,5S,6S,8R,9R,9aR,10R)-octahydro-5,8-dihydroxy-4,6,9,10-tetramethyl-6-vinyl-3a,9-propano-3aH-cyclopentacyclo-octen-1(4H)-one	2307
[6R-[6α,7β(R*)]]-7-[[Amino(4-hydroxyphenyl)acetyl]amino]-8-oxo-3-[(1H-1,2,3-triazol-4-ylthio)methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1925	β-(Aminomethyl)-p-chloro-hydrocinnamic acid	8814
3-Amino-4-hydroxyphenyldichloroarsine	6273	1-(Aminomethyl)cyclohexane-acetic acid	2944
3-Amino-4-hydroxyphenyldichloroarsine hydrochloride	6274	trans-4-(Aminomethyl)cyclohexanecarboxylic acid	8336
(-)-N-[(2S,3R)-3-Amino-2-hydroxy-4-phenylbutyryl]-L-leucine	5367, 8434	p-[[trans-4-(Aminomethyl)cyclohexyl]carbonyl]hydrocinnamic acid	6521
N-[p-[[[(2-Amino-4-hydroxy-6-pteridiny)lmethyl]-amino]benzoyl]-L-glutamic acid	9928	p-[[trans-4-(Aminomethyl)cyclohexyl]carbonyl]hydrocinnamic acid monohydrochloride	6522
5-Aminoimidazole-4-carboxamide orotate	8355	(±)-cis-2-(Aminomethyl)-N,N-diethyl-1-phenylcyclopropanecarboxamide	3193, 9535
5-aminoimidazole-4-carboxamide orotate	8354	(±)-cis-2-(Aminomethyl)-N,N-diethyl-1-phenylcyclopropanecarboxamide monohydrochloride	3194, 9536
N-(Aminoiminomethyl)glycine	7464	(-)-α-(Aminomethyl)-3,4-dihydroxybenzyl alcohol	146, 4489
4-Amino-1-isobutyl-1H-imidazo[4,5-c]quinoline aminoisometradine	8406, 7831	((-)-α-(Aminomethyl)-3,4-dihydroxybenzyl alcohol hydrochloride	148, 4491
2-Amino-9-[[2-isopropoxy-1-(isopropoxymethyl)ethoxy]methyl]purine	6635	(-)-α-(Aminomethyl)-3,4-dihydroxybenzyl alcohol tartrate (1:1) salt monohydrate	147, 4490
(+)-4-Amino-3-isoxazolidinone	2584	2-(Aminomethylene)-1-indanone	569
Aminokinuride	6005	6-Amino-2-methyl-2-heptanol	7465
Aminokrovin	9226	6-Amino-2-methyl-2-heptanol hydrochloride	7466
N-[[1-[(S)-3-[(S)-6-Amino-2-methanesulfonamido hexanamido]-2-carboxy-propyl]cyclopentyl]carbonyl]-L-tyrosine	43, 4400	α-(Aminomethyl)-m-hydroxybenzyl alcohol	149
6-Amino-3-1-(2-methylallyl)-2,4(1H,3H)-pyrimidinedione	7831	D-α-(Aminomethyl)-p-hydroxybenzyl alcohol	153
(±)-3-Amino-1-[p-(2-methoxy-ethyl)phenoxy]-3-methyl-2-butanol	6982	(6R-trans)-7-[[[2-(Aminomethyl)phenyl]-acetyl]amino]-3-[[[1-(carboxymethyl)-1H-tetrazol-5-yl]thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1964
3'-(α-Amino-p-methoxyhydrocinnamido)-		4-Amino-2-methyl-1-naphthalenol	9976
		4-Amino-2-methyl-1-naphthalenol hydrochloride	9977
		2-Amino-6-[(1-methyl-4-nitro-1H-imidazol-5-yl)thio]purine	5347
		(E)-2-Amino-4-[2-(1-methyl-5-nitroimidazol-2-yl)vinyl]pyrimidine	5565
		1-(m-Aminophenyl)-2(1H)-pyridone	9291
		1-(4-Amino-2-methyl-5-phenylpyrrol-3-yl)-2-methyl-1-propanone	622

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2-Amino-2-methyl-1-propanol compound with theophylline	7826	1-(4-Amino-4-oxo-3,3-diphenylbutyl)-1-methylpiperidinium bromide	2739
3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-1-(2-chloroethyl)-1-nitrosourea	5258	† 4-[(2-Amino-2-oxoethyl)amino]phenyl arsonic acid monosodium salt	5634
3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-1-(2-chloroethyl)-1-nitrosourea hydrochloride	5259	[[2-(4-Amino-2-oxo-1(2H)-pyrimidinyl)-1-(hydroxymethyl)ethoxy]methyl]phosphonic acid dihydrate, (S)	6569
3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methylthiazolium chloride monohydrochloride	8100, 8101, 8102, 8103, 9964	[[2-(4-Amino-2-oxo-1(2H)-pyrimidinyl)-1-(hydroxymethyl)ethoxy]methyl]phosphonic acid dihydrate, (S), dihydrate	6568
3-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methylthiazolium chloride nitrate (salt)	8104, 9965	5-[(Aminooxy)methyl]-2-bromophenol	7982
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-1-methyl-2-(propyldithio)-1-butenyl]formamide	8090	Aminopentamide	2650
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-1-methyl-2-(propyldithio)-1-butenyl]formamide hydrochloride	8091	Aminopentamide Sulfate	2651
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-2-mercapto-1-methyl-1-butenyl]formamide O,S-diacetate	8073	(S)-2-Aminopentanedioic acid	6735
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-2-mercapto-1-methyl-1-butenyl]formamide O,S-diacetate hydrochloride	8074	8-[(4-Aminopentyl)amino]-6-methoxyquinoline	4937
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-(4-hydroxy-2-mercapto-1-methyl-1-butenyl]formamide S-benzoate O-phosphate	8075	N-[5-[3-[(5-Aminopentyl) hydroxycarbamoyl]propionamido]pentyl]-3-[[5-(N-hydroxyacetamido)-pentyl]carbamoyl]propionohydroxamic acid	3463, 7523
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-[2-[(2-benzoylviny]thio)-4-hydroxy-1-methyl-1-butenyl]formamide	8105	N-[5-[3-[(5-Aminopentyl)hydroxycarbamoyl]propionamido]pentyl]-3-[[5-(N-hydroxyacetamido)pentyl]carbamoyl]propionohydroxamic acid monohydrochloride	3464, 7524
8-[[2-[N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]formamido]-1-(2-hydroxyethyl)propenyl]dithio]-6-mercapto-octanoic acid methyl ester acetate	8087	N-[5-[3-[(5-Aminopentyl)hydroxycarbamoyl]propionamido]pentyl]-3-[[5-(N-hydroxyacetamido)pentyl]carbamoyl]propionohydroxamic acid monomethanesulfonate	3465, 7525
N-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-N-[4-hydroxy-1-methyl-2-[(tetrahydrofurfuryl)dithio]-1-butenyl]formamide	8082	aminophenazone	487, 5905
2-Amino-4-methylthiazole	4454	Aminophenazone Cyclamate	483, 5904
D-2-Amino-4-(methylthio)butyric acid	8351	3-(p-Aminophenethyl)-2,3,4,5-tetrahydro-7,8-dimethoxy-1H-3-benzazepine	795
DL-2-Amino-4-(methylthio)butyric acid	8350	3-(p-Aminophenethyl)-2,3,4,5-tetrahydro-7,8-dimethoxy-1H-3-benzazepine dihydrochloride	796
L-2-Amino-4-(methylthio)butyric acid	8352	(±)-2-(p-Aminophenethyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-1-methylisoquinoline	793
Aminometradine	7830	(±)-2-(p-Aminophenethyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-1-methylisoquinoline dihydrochloride	794
Aminomux	5425, 5444, 7098	(-)-3-(p-Aminophenethyl)-2,3,4,5-tetrahydro-8-methoxy-2-methyl-1H-3-benzazepine	494
Aminomycin	3741	(-)-3-(p-Aminophenethyl)-2,3,4,5-tetrahydro-8-methoxy-2-methyl-1H-3-benzazepine dihydrochloride	493
3-Amino-6-[2-(5-nitro-2-furyl)-vinyl]-as-triazine	2215	2-[5-(4-Aminophenoxy)pentyl]-1H-isoindole-1,3(2H)-dione	1146
3-Amino-6-[2-(5-nitro-2-furyl)-vinyl]pyridazine	2236	aminophenurobutane	3325
3-Amino-6-[2-(5-nitro-2-furyl)-vinyl]pyridazine hydrochloride	2237	7-(D-α-aminophenylacetamido)desacetoxycephalosporanic acid	2013
(2S,3S)-2-Amino-1,3-octadecanediol	5310, 5681	7-(D-2-amino-2-phenylacetamido)-3-methyl-δ ³ -cephem-4-carboxylic acid monohydrate	2015
(2S,3S)-2-Amino-1,3-octadecanediol hydrochloride	5311, 5682	7-(D-2-amino-2-phenylacetamido)-3-methyl-Δ ³ -cephem-4-carboxylic acid	2013
(-)-13β-Amino-5,6,7,8,9,10,11α,12-octahydro-5α-methyl-5,11-methanobenzocyclodecen-3-ol	333	[6R-[6α,7β(R*)]]-7-[(Amino-phenyl)acetyl]amino]-3-chloro-8-oxo-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	2060
(-)-(5aR,9aR)-2-Amino-5,5a,6,7,8,9,9a,10-octahydro-6-propylpyrido-2,3-g]quinazoline	5511	[6R-[6α,7β(R*)]]-7-[(Aminophenyl)acetyl]amino]-3-chloro-8-oxo-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrate	2061
(-)-(5aR,9aR)-2-Amino-5,5a,6,7,8,9,9a,10-octahydro-6-propylpyrido-2,3-g]quinazoline dihydrochloride	5512		
(+)-4-Amino-3-oxazolidinone	2260		

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[6R-[6 α ,7 β (R*)]]-7-[(Amino-phenylacetyl)amino]-3-chloro-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1915	[3.2.0]heptane-2-carboxylic acid [[[(3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.1]hept-2-yl)carbonyl]oxy]methyl ester S,S-dioxide	2137
[6R-[6 α ,7 β (R*)]]-7-[(Amino-phenylacetyl)amino]-3-chloro-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1916	[2S-[2 α (2R*,5S*),5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid [[[(3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.1]hept-2-yl)carbonyl]oxy]methyl ester S,S-dioxide p-toluenesulfonate	2138
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.1]heptane-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)-methyl ester	2116	[2S-[2 α (2R*,5S*),5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid [[[(3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy]methyl ester S,S-dioxide	2639
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.1]heptane-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)-methyl ester hydrochloride	2117	[2S-[2 α (2R*,5S*),5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid [[[(3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-2-yl)carbonyl]oxy]methyl ester S,S-dioxide tosylate	2640
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.1]heptane-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)-methyl ester hydrochloride	2118	[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (5-methyl-2-oxo-1,3-dioxol-4-yl) methyl ester	2055
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.1]heptane-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)-methyl ester mono[4-[(dipropyl-amino)sulfonyl]benzoate (1:1)]	2119	[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl ester hydrochloride (salt)	2056
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	1889	[6R-[6 α ,7 β (R*)]]-7-[(Amino-phenylacetyl)amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	2014
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 1,3-dihydro-3-oxo-1-isobenzofuranyl ester	2141	[6R-[6 α ,7 β (R*)]]-7-[(Amino-phenylacetyl)amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid hydrochloride	2015
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 1,3-dihydro-3-oxo-1-isobenzofuranyl ester hydrochloride	2142	[6R-[6 α ,7 β (R*)]]-7-[(Amino-phenylacetyl)amino]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrate	2013
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 1-[(ethoxy-carbonyl)oxy]ethyl ester	1901	2-(p-Aminophenyl)-2-ethyl-glutarimide	58, 2907, 5086, 6819
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 1-[(ethoxy-carbonyl)oxy]ethyl ester hydrochloride	1902	N- β -(p-aminophenyl)ethylnormeperidine	298
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt	1890	1-[2-(4-Aminophenyl)ethyl]-4-phenyl-4-piperidinecarboxylic acid ethyl ester	297
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid trihydrate	1891	1-[2-(4-Aminophenyl)ethyl]-4-phenyl-4-piperidinecarboxylic acid ethyl ester dihydrochloride	298
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (5-methyl-2-oxo-1,3-dioxol-4-yl) methyl ester	2055	3-(4-Aminophenyl)-3-ethyl-2,6-piperidinedione	5086
[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Amino-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl ester hydrochloride (salt)	2056	1-(4-Aminophenyl)-4-methyl-7,8-dimethoxy-5H-2,3-benzodiazepine	5812, 6770
[2S-[2 α (2R*,5S*),5 α ,6 β (S*)]]-6-[(Aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo-		2-Amino-5-phenyl-2-oxazoline	1046
		4-[(4-Aminophenyl)sulfonyl]benzenemethanamine	2535
		3-[(4-Aminophenyl)sulfonyl]-1,3-diphenyl-1-propanone	3423
		5-Amino-1-phenyl-1H-tetrazol	4607
		2-Amino-4-picoline	484, 7414
		2-Amino-4-picoline camphorsulfonate	485, 7415
		2-Amino-4-picoline hydrochloride	7416
		7-[(1R,5S,6S)-6-[(S)-2-[(S)-2-Aminopropionamido]propionamido]-3-azabicyclo[3.1.0]hex-3-yl]-1-	

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(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid	2376	1-aminopropane-1,3-dicarboxylic acid	6735
7-[[[(1R,5S,6S)-6-[(S)-2-[(S)-2-Aminopropionamido]propionamido]-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid monomethanesulfonate	2377	5-Aminosalicylic acid	4678
2-Amino-2',6'-propionoxylidide hydrochloride	1683	2-Amino-5-sulfanyllthiazole	2537
p-Aminopropiophenone	3458	[6R-[6 α ,7 β (Z)]]-1-[[7-[[[(5-Amino-1,2,4-thiadiazol-3-yl)(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-3-yl)methyl]imidazo[1,2-b]pyridazinium inner salt	1975
5-[(3-Aminopropyl)amino]-7,10-dihydroxy-2-[2-[(2-hydroxy-ethyl)amino]ethyl]anthra[1,9-cd]pyrazol-6(2H)-one	5287	[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)][(carboxymethoxy)imino]acetyl]amino]-3-ethenyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1949
5-[(3-Aminopropyl)amino]-7,10-dihydroxy-2-[2-[(2-hydroxy-ethyl)amino]ethyl]anthra[1,9-cd]pyrazol-6(2H)-one dihydrochloride	5288	[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)-4-carboxy-1-oxo-2-butenyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1995
2-[(3-Aminopropyl)amino] ethanethiol dihydrogen phosphate ester	9602	2-[[[(2-Amino-4-thiazolyl)][1-[[[(3-(1,4-dihydro-5-hydroxy-4-oxopicolinamido)-2-oxo-1-imidazolidinyl)sulfonyl]carbamoyle]-2-oxo-3-azetidinyl]carbamoyle]methylene]amino]oxy]-2-methylpropionic acid	2109
2-[(3-Aminopropyl)amino]ethanethiol dihydrogen phosphate ester monohydrate	9603	2-[[[(2-Amino-4-thiazolyl)][1-[[[(3-(1,4-dihydro-5-hydroxy-4-oxopicolinamido)-2-oxo-1-imidazolidinyl)sulfonyl]carbamoyle]-2-oxo-3-azetidinyl]carbamoyle]methylene]amino]oxy]-2-methylpropionic acid disodium salt	2110
2-[(3-Aminopropyl)amino]ethanethiol dihydrogen phosphate ester trihydrate	9604	[6R-[6 α ,7 β (Z)]]-1-[[7-[[[(2-Amino-4-thiazolyl) methoxyimino]acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-3-yl)methyl]-6,7-dihydro-5H-cyclopenta[b]-pyrindinium inner salt	1980
6-aminopurine	9907	[6R-[6 α ,7 β (Z)]]-1-[[7-[[[(2-Amino-4-thiazolyl) (methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl)methyl]-1-methylpyrrolidinium inner salt	1943
2-[(2-Amino-9H-purin-9-yl) methoxyethanol	6579	[6R-[6 α ,7 β (Z)]]-1-[[7-[[[(2-Amino-4-thiazolyl) (methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl)methyl]-1-methylpyrrolidinium monohydrochloride monohydrate	1944
2-[2-(2-Amino-9H-purin-9-yl)ethyl]-1,3-propanediol diacetate (ester)	6588	[S-(Z)]-[[[1-(2-Amino-4-thiazolyl)-2-[[2,2-dimethyl-4-oxo-1-(sulfoxy)-3-azetidinyl]amino]-2-oxoethylidene]amino]oxy]acetic acid	2155
4-Amino-N-(pyrazinyl)benzenesulfonamide	2505	[S-(Z)]-[[[1-(2-Amino-4-thiazolyl)-2-[[2,2-dimethyl-4-oxo-1-(sulfoxy)-3-azetidinyl]amino]-2-oxoethylidene]amino]oxy]acetic acid dicholine salt	2156
4-Aminopyridine	586, 5966	[6R-[6 α ,7 β (Z)]]-7-[2-(2-Amino-4-thiazolyl)glyoxyl amido]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl)methyl]5,6,7,8-tetrahydro-quinolinium hydroxide inner salt 7 ² -(Z)-(O-methylxime) sulfate (1:1)	1986
4-Amino-N,2-pyridinylbenzenesulfonamide	7808	[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl) (hydroxyimino)acetyl]amino]-3-ethenyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1940
4-Amino-N,2-pyridinylbenzenesulfonamide sodium salt monohydrate	7809	[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl) (methoxyimino)acetyl]amino]-3-[[[1-methyl-	
7-(3-Amino-1-pyrrolidinyl)-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid	2424		
7-(3-Amino-1-pyrrolidinyl)-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid hydrochloride	2426		
4-Amino-1- β -D-ribofuranosyl-1,3,5-triazin-2(1H)-one	5034, 5252		
m-aminosalicylic acid	4678		
p-Aminosalicylic Acid	2570		
p-Aminosalicylic acid Hydrazide	2571		
p-Aminosalicylic Acid Potassium Salt	2572		
p-Aminosalicylic Acid Sodium Salt Dihydrate	2573		
N'-(Aminosulfonyl)-3-(((2-((diaminomethylene)-amino)-4-thiazolyl)methyl)thio)propanimidamide	7871, 8384		
N-[5-(Aminosulfonyl)-1,3,4-thiadiazol-2-yl]butanamide	7401, 7845		
9-Amino-1,2,3,4-tetrahydro-acridine	3490, 9012, 9263		
9-Amino-1,2,3,4-tetrahydro-acridine hydrochloride	3491, 9013, 9264		
8-Amino-1,2,3,4-tetrahydro-2-methyl-4-phenylisoquinoline	3214		
8-Amino-1,2,3,4-tetrahydro-2-methyl-4-phenylisoquinoline maleate (1:1)	3215		
4-Amino-2,2,5,5-tetrakis(trifluoro-methyl)-3-imidazoline	9404		

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1 H-tetrazol-5-yl)thio)methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid hydrochloride (syn isomer)	1952	methoxyimino)acetyl]amino]-3-(methoxy-methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1982
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-3-yl)methyl]-6,7-dihydro-5H-cyclopenta[b]pyridinium inner salt sulfate	1981	[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-3-(methoxy-methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 1-[[[(1-methylethoxy)carbonyl]oxy]ethyl ester	1983
[6R-[6 α ,7 β (Z)]]-7-[[[(2-amino-4-thiazolyl)(methoxyimino)acetyl]amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio)methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1951	(p-Aminophenyl)arsonic acid sodium salt	6279
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-3-[[[(2-furanylcarbonyl)thio)methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1996	(1R,2SR)-2-Amino-1-phenylpropan-1-ol	7790
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-3-[[[(2-furanylcarbonyl)-thio)methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrochloride	1997	(1R,2SR)-2-Amino-1-phenylpropan-1-ol hydrochloride	7791
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-3-[[[(2-furanylcarbonyl)-thio)methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monosodium salt	1998	Aminophyllin	7117, 8809
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-3-[[[(1,2,3-thiadiazol-5-yl)thio)methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	2010	Aminophylline	7117, 8809
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-3-[[[(1,2,5,6-tetrahydro-2-methyl-5,6-dioxo-1,2,4-triazin-3-yl)thio)methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-en-2-carboxylic acid	2003	Aminopicoline	484
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-3-[[[(1,2,5,6-tetrahydro-2-methyl-5,6-dioxo-1,2,4-triazin-3-yl)thio)methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid disodium salt hemiheptahydrate	2004	Aminopicoline Camphorsulfonate	485
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1945	Aminopromazine	6168
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	2001	Aminopromazine Fumarate	6169
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt	2002	[(1R)-1-[(2S)-2-Aminopropion-amido]ethyl]phosphonic acid	2246
[6R-[6 α ,7 β (Z)]]-7-[[[(2-Amino-4-thiazolyl)(methoxyimino)acetyl]amino]-3-[[[(5-methyl-2H-tetrazol-2-yl)methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-2-carboxylic acid	1993	(R)-(-)-2-Amino-2',6'-propionoxylidide	1684
		(S)-(+)-2-Amino-2',6'-propionoxylidide	1685
		(-)- α -Aminopropiophenone	7653
		[4-[(3-Aminopropyl)amino]butyl]carbamic acid ester with N-(6-guanidinoethyl)-glycolamide	8462
		(-)-N-[[[4-[(3-Aminopropyl)amino]butyl]carbamoyl]hydroxymethyl]-7-guanidinoheptanamide trihydrochloride	8453
		($\pm$)-N-[[[4-[(3-Aminopropyl)amino]butyl]carbamoyl]hydroxymethyl]-7-guanidino heptanamide	8451
		($\pm$)-N-[[[4-[(3-Aminopropyl)amino]butyl]carbamoyl]hydroxymethyl]-7-guanidinoheptanamide trihydrochloride	8452
		(+)-(S)-m-(2-Aminopropyl)phenol	4480
		(+)-(S)-m-(2-Aminopropyl)phenol tartrate	4481
		($\pm$)-p-(2-Aminopropyl)phenol	117, 2750, 8946
		($\pm$)-p-(2-Aminopropyl)phenol hydrobromide	118, 2751, 8947
		Aminopropylon	486
		Aminopterine	5018
		Aminopterine Sodium	5019
		[[[2-(6-Amino-9H-purin-9-yl)ethoxy]methyl]phosphinylidene]bis(oxyethylene) 2,2-dimethylpropanoate	6548
		2-Aminopurine-6(1H)-thione	5332
		Aminopyrine	487, 5905
		Aminopyrine Bicamphorate	488, 5906
		Aminopyrine Cyclohexylsulfamate	483, 5904
		Aminopyrine Salicylate	489, 5907
		($\pm$)-7-(3-Amino-1-pyrrolidinyl)-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acid	2425
		($\pm$)-7-(3-Amino-1-pyrrolidinyl)-8-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid	2384
		($\pm$)-7-(3-Amino-1-pyrrolidinyl)-8-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid hydrochloride	2385

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Aminoquin	4923	2-methyl-4-oxo-1-azetidinyl]oxy]acetic acid	
aminoquincarbamide	6005	ester with tert-butyl glycolate 3 ² -(Z)-(O-	
Aminoquinuride	6005	methyloxime)	2050
Aminorex	1046	(6R,7R)-7-[2-(2-amino-4-thiazolyl)glyoxylamido]-	
Aminosidine	1342, 1858	3-[[[(1-methyl-1H-tetrazol-5-yl)thio]-methyl]-	
Aminosol	9226	8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-	
aminosultopride	5693	2-carboxylic acid 7 ² -(Z)-(O-methyloxime	
(±)-9-Amino-1,2,3,4-tetrahydro-1-acridinol	9018	hydrochloride	1952
(±)-9-Amino-1,2,3,4-tetrahydro-1-acridinol maleate	9019	(6R,7R)-7-[2-(2-Amino-4-thiazolyl)glyoxylamido]-	
(2S-(2α(8R*,10R*),4β,6β))-10-[(4-Aminotetrahydro-		8-oxo-5-thia-1-azabicyclo[4.2.0]-oct-2-ene-	
6-methyl-2H-pyran-2-yl)oxy]-7,8,9,10-		2-carboxylic acid	1946
tetrahydro-6,8,11-trihydroxy- 8-(hydroxy-		[6R-(6α,7β))-7-[[[(2-Amino-4-thiazolyl)methoxy	
acetyl]-1-methoxy-5,12-naphthacenedione	5136	imino]acetyl]amino]-3-[[[5-(carboxymethyl)-	
(2S-(2α(8R*,10R*),4β,6β))-10-[(4-Aminotetrahydro-6-		4-methyl-2-thiazolyl]thio]methyl]-8-oxo-	
methyl-2H-pyran-2-yl)oxy]-7,8,9,10-tetrahydro-		5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-	
6,8,11-trihydroxy- 8-(hydroxyacetyl)-1-		carboxylic acid	1958
methoxy-5,12-naphthacene-dione hydrochloride	5137	[6R-(6α,7β))-7-[[[(2-Amino-4-thiazolyl)methoxy	
(S)-2-Amino-4,5,6,7-tetrahydro-6-(propylamino)-		imino]acetyl]amino]-3-[[[5-(carboxymethyl)-	
benzothiazole	5502, 7965, 8008	4-methyl-2-thiazolyl]thio]methyl]-8-oxo-	
(S)-2-Amino-4,5,6,7-tetrahydro-6-(propylamino)-		5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-	
benzothiazole hydrochloride	5503, 8009	carboxylic acid disodium salt	1959
(R)-6-[L-2-(2-Amino-1,4,5,6-tetrahydro-4-pyrimidinyl)		[6R-[3(Z),6α,7β(Z))]-7-[[[(2-Amino-4-thiazolyl)(methoxy	
glycine]viomycin	2362, 2622	imino]acetyl]amino]-3-[2-(4-methyl-5-thiazolyl)	
(-)-[(E)-3-[(6R,7R)-7-[2-(5-Amino-1,2,4-thiadiazol-		ethenyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-	
3-yl]glyoxylamido]-2-carboxy-8-oxo-5-thia-		ene-2-carboxylic acid	1941
1-azabicyclo[4.2.0]oct-2-en-3-yl]allyl]		[6R-[3(Z),6α,7β(Z))]-7-[[[(2-Amino-4-thiazolyl)	
(carbamoylmethyl)ethylmethylammonium		(methoxyimino)acetyl]amino]-3-[2-(4-methyl-	
hydroxide inner salt 7 ² -(Z)-[O-(fluoromethyl)		5-thiazolyl]ethenyl]-8-oxo-5-thia-1-azabicyclo	
oxime]	1950	[4.2.0]oct-2-ene-2-carboxylic acid	
2-Aminothiazole	4455	pivaloyloxymethyl ester	1942
(6R-trans)-7-[[[(2-Amino-4-thiazolyl)-acetyl]		[2S-[2α,3β(Z))]-2-[[[1-(2-Amino-4-thiazolyl)-	
amino]-3-[[[1-[2-(dimethylamino)ethyl]-		2-[(2-methyl-4-oxo-1-sulfo-3-azetidinyl)	
1H-tetrazol-5-yl]-thio]methyl]-8-oxo-5-thia-		amino]-2-oxoethylidene]amino]oxy]-2-methyl	
1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1970	propanoic acid	1900
(6R-trans)-7-[[[(2-Amino-4-thiazolyl)-acetyl]amino]-3-		(7S-cis)-7-[(3-Amino-2,3,6-trideoxy-α-L-lyxo-	
[[[1-[2-(dimethylamino)ethyl]-1H-tetrazol-5-yl]-		hexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,9,11-	
thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]		trihydroxy-9-(hydroxyacetyl)-5,12-naphthacene-	
oct-2-ene-2-carboxylic acid dihydrochloride	1971	dione	5208
(6R,7R)-7-[2-(2-Amino-4-thiazolyl)glyoxylamido]-		(7S-cis)-7-[(3-Amino-2,3,6-trideoxy-α-L-lyxo-	
3-[(E)-2-[[4-(formylmethyl)-1,4,5,6-tetrahydro-		hexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,9,11-	
5,6-dioxo-as-triazin-3-yl]thio]vinyl]-8-oxo-5-thia-		trihydroxy-9-(hydroxyacetyl)-5,12-naphthacene-	
1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		dione hydrochloride	5209
7 ² -(Z)-(O-methyloxime)	1999	(8S-cis)-10-[(3-Amino-2,3,6-trideoxy-α-L-lyxo-	
(5S,6R,7R)-7-[2-(2-Amino-4-thiazolyl)glyoxyl		hexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,8,11-	
amido]-3-(hydroxymethyl)-8-oxo-5-thia-1-		trihydroxy-8-(hydroxyacetyl)-1-methoxy-5,12-	
azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		naphthacene-dione hydrochloride	5003
7 ² -(Z)-(O-methyloxime)	2000	(8S-cis)-10-[(3-Amino-2,3,6-trideoxy-α-L-lyxo-	
(+)-(6R,7R)-7-[2-(2-Amino-4-thiazolyl)glyoxyl		hexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,8,11-	
amido]-3-(methoxymethyl)-8-oxo-5-thia-1-		trihydroxy-8-(hydroxyacetyl)-1-methoxy-5,12-	
azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		naphthacene-dione hydrochloride	5004
7 ² -(Z)-oxime	1939	(8S,10S)-10-[[3-Amino-2,3,6-trideoxy-4-O-	
[[[(2S,3S)-3-[(2-Amino-4-thiazolyl)glyoxyl		(2R-tetrahydro-2H-pyran-2-yl)-α-L-lyxo-	
amido]-2-methyl-4-oxo-1-azetidinyl]oxy]		pyranosyl]oxy]-8-glycoloyl-7,8,9,10-tetrahydro-	
acetate 3 ² -(Z)-(O-methyloxime)	2079	6,8,11-trihydroxy-1-methoxy-5,12-naphthacene-	
[[[(2S,3S)-3-[(2-Amino-4-thiazolyl)glyoxylamido]-		dione	5284
2-methyl-4-oxo-1-azetidinyl]oxy] acetate		α-Amino-p-toluenesulfonamide	2438
3 ² -(Z)-(O-methyloxime) sodium salt	2080	α-Amino-p-toluenesulfonamide acetate	2439
[[[(2S,3S)-3-[(2-Amino-4-thiazolyl)glyoxylamido]-		α-Amino-p-toluenesulfonamide hydrochloride	2440

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α-Amino-p-toluenesulfonamide propionate	2441	Ammonium Embelate	1167
7-Amino-4,5,6-triethoxy-3-(5,6,7,8-tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinoli-5-yl)phthalide	4015	Ammonium Ferric Citrate	8260
4-Amino-3-(α,α,α-trifluoro-m-tolyl)-5-isothiazole-carboxylic acid	3837	Ammonium Ferric Sulfate	6843
2-Amino-5-(α,α,α-trifluoro-p-tolyl)-2-oxazoline	1078	Ammonium Ichthosulfonate	6076
Aminouracil mustard	5368	Ammonium Iron(III) Citrate	8260
aminoxafen	1046	Ammonium Iron(III) Citrate, brown	8260
aminoxaphen	1046	Ammonium Lactate	5636
Aminoxidin	1342, 1858	Ammonium Salicylate	490, 4526, 5659
aminoxypitropine tropate	2663, 8934	Ammonium salt of 2-methylnaphthoquinone 4-oxime O-carboxymethyl ether	9944
aminoxypitropine	9718	Ammonium Sulfobituminate	6076
Amiodar	1365, 1506	Ammonium Sulfoichthyolate	6076
Amiodarone	1364, 1505	Ammonium Valerate	9288
Amiodarone Hydrochloride	1365, 1506	Ammonium Valerianate	9288
Amipan T	7675, 9245	Ammonyx G	6028
Amipenix	1889	Ammonyx T	6028
Amiphenazole	7638	Amnophyllin	8809
amipramidin	7828	Amnestrogen	8131
amipramizide	7828	Amoban	9476
Amipress	215, 4296, 7035	Amobarbital	9289
Amiprilose	8393	Amobarbital Sodium	9290
Amiprilose Hydrochloride	8394	Amocarzine	1144
Amipylo	486	Amocilline	1887
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Amisepan	2684, 6223	Amodiaquine	4885, 5561
Amisometradine	7831	Amodiaquine Dihydrochloride Dihydrate	4886
Amisulpride	5693	Amodiaquine Hydrochloride	5562
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Amitid	3027	Amolanone	900
Amitraz	8024	Amolanone Hydrochloride	901
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Amitriptyline Hydrochloride	3027	amonidren	8168
Amitriptylinoxide	3028	Amopenixin	1887
Amixetrine	2652	Amoproxan	1507
Amixetrine Hydrochloride	2653	Amoproxan Hydrochloride	1508
Amixitrene	4524	Amopyroquine	4887
Amixitrene Hydrochloride	4525	Amoram	1887
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Ammonium Acetate	7832	Amoxapine	3029
Ammonium Benzoate	6006	Amoxi	1888
Ammonium Bithiolcium	6076	Amoxicillin [anhydrous]	1887
Ammonium Bituminosulfonate	6076	Amoxicillin Chewable Tablets	1887
Ammonium Bromide	9287	Amoxicillin Trihydrate	1888
Ammonium Carbonate	8157	Amoxidal	1888
		Amoxidin	1888
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Amoxydramine Camsilate	4122	Amuno	4651, 5934
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Amphomycin	2309	Amytal	9289
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Ampicillin pivaloyloxymethyl ester	2116	An inhibitory factor of gastric secretion obtained from human urine.	8208
Ampicillin Sodium	1890	AN021	8926
Ampicillin Trihydrate	1891	AN-051	2925
Ampicin	1890	AN-148 (dl-form)	390
Ampilag	1891	AN-1022	7576
Ampilar	1891	AN-1317	5825
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Ampiroxicam	4527, 4810	Anabasi	9922
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Ampi-Tablinen	1891	Anabiol	247
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Anaritide	7833	Androst-5-ene-3 β ,17 β -diol 3-acetate-17-benzoate	243
Anaritide Acetate	7834	Androst-5-ene-3 β ,17 β -dipropionate	245
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Benortan	504, 4540, 5909	methyl-8-azabicyclo[3.2.1]oct-3-yl ester	
Benorylate	504, 4540, 5909	endo-(+)-, sulfate (2:1) (salt)	2665
Benoxaprofen	505, 4541	Benzenebismaleimide adduct	5223
Benoxil	905	1,3-Benzenediol	1243, 5993, 8482,
Benoxinate	904	1,3-Benzenediol monoacetate	5994, 8483
Benoxinate Hydrochloride	905	1,4-Benzenediol	7805
Benoxyl	1234, 8475	1,2,3-Benzenetriol	5678
Benozil	2941, 9369	1,3,5-Benzenetriol	6229
Benperidol	5697	2,2',2'-[1,2,3-Benzenetriyltris(oxy)]tris[N,N,N-	
Benperidol Hydrochloride	5698	triethylethanaminium] triiodide	8853
Benproperine	6363	Benzerial	4267
benproperine emboate	6364	Benzestrol	8106
Benproperine Pamoate	6364	benzetamophylline	7122
Benproperine Phosphate	6365	Benzethonium Chloride	6009
Benserazide	5454	Benzetamide	2671
Benserazide Hydrochloride	5455	Benzetamide Hydrochloride	2672
Bensulfoid, component of	8041	benzhexol chloride	2849, 5526
bensylt	5530	benzhydramine	3906, 3907
Bentazepam	9298	2-(benzhydrysulfinyl)acetamide	7706
Bentelan	8615	Benzilonium Bromide	2673
Bentolol Hydrochloride	2713	2-Benzimidazolepropionic acid	8422
Bentomine	2713	(1S,2S)-[2-[[3-(2-Benzimidazolyl)propyl]methyl	
Bentonyl	1483, 9795	amino]ethyl-6-fluoro-1,2,3,4-tetrahydro-1-	
Bentos	3790, 6987	isopropyl-2-naphthyl methoxyacetate	4326
Bentox	6987	(1S,2S)-[2-[[3-(2-Benzimidazolyl)propyl]methyl	
Bentyl Hydrochloride	2713	amino]ethyl]-6-fluoro-1,2,3,4-tetrahydro-1-	

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isopropyl-2-naphthyl methoxyacetate		piperazine	9766
dihydrochloride	4327	1-(1,3-Benzodioxol-5-ylmethyl)-4-(diphenylmethyl)-	
benzindamine	507, 2675, 4543, 5910	piperazine dihydrochloride	9767
Benzindopyrine Hydrochloride	5699	4-[2-[[2-(1,3-Benzodioxol-5-yl)-1-methylethyl]	
Benzinoform	1164	amino]-1-hydroxyethyl]-1,2-benzenediol	6951, 7226
Benziodarone	9726	4-[2-[[2-(1,3-Benzodioxol-5-yl)-1-methylethyl]	
N-[4-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]		amino]-1-hydroxyethyl]-1,2-benzenediol	
butyl]-1,1-cyclopentanediacetimide	5883	hydrochloride	6952, 7227
N-[4-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]		Benzodol	1344
butyl]-1,1-cyclopentanediacetimide		1-(2-Benzofuranylcabonyl)-4-benzylpiperazine	3037
monohydrochloride	5884	4-(2-Benzofuranyl)-2-(dimethylamino)-1-pyrroline	1644
N-[4-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]		3-Benzofuro[3,2-c][1]benzoxepin-6(12H)-ylidene-	
butyl]-1,2-cis-cyclohexanedicarboximide	5826	N,N-dimethyl-1-propanamine	698, 4981, 9517
5-[2-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]ethyl]-		3-Benzofuro[3,2-c][1]benzoxepin-6(12H)-ylidene-	
6-chloro-1,3-dihydro-2H-indol-2-one	5892	N,N-dimethyl-1-propanamine fumarate	, 4982, 9518
5-[2-[4-(1,2-Benzisothiazol-3-yl)-1-piperazinyl]ethyl]-		benzofurodil	7423, 9725
6-chloro-1,3-dihydro-2H-indol-2-one mono		benzoguaiacol	8165
hydrochloride monohydrate	5893	Benzo-Gynoestryl	8119
1,2-Benzisoxazole-3-methanesulfonamide	3014	Benzoic acid 2-(1-phenylethyl)hydrazine	3041
Benznidazole	5567	Benzoic acid ammonium salt	6006
Benzo[b]pyridine	4938	Benzoic acid hydrazide 3-hydrazone with	
benzoaric acid	8319	daunorubicin	5404
Benzocaine	906	Benzoic acid hydrazide 3-hydrazone with	
Benzocal	1344	daunorubicin monohydrochloride	5405
Benzoclidine	4139	Benzoic acid phenylmethyl ester	8025
Benzoctamine	6680, 8815, 9299	Benzoïn	9607
Benzoctamine Hydrochloride	6681, 8816, 9300	benzoin, component of	9606
Benzodepa	5042	benzolin	936
Benzodiapin	6694, 9329	Benzometan	506, 4542
benzodioxane	4379	Benzonate	6366
(S)-1-[1-[2-(1,4-Benzodioxan-2-yl)-ethyl]-4-		benzononatine	6366
piperidyl]-2-imidazolidinone	3032	benzophenone 3	9646
(S)-1-[1-[2-(1,4-Benzodioxan-2-yl)-ethyl]-4-		benzophenone 8	9636
piperidyl]-2-imidazolidinone fumarate (1:1)	3033	benzophenone 10	9641
(±)-2-(1,4-Benzodioxan-2-yl)-2-imidazoline	4279	benzophenone 12	9642
(1,4-Benzodioxan-2-ylmethyl)guanidine	4268	Benzoquin	7806
(1,4-Benzodioxan-2-ylmethyl)guanidine sulfate (2:1)	4269	p-Benzoquinone amidinohydrazone	
(1,4-Benzodioxan-6-ylmethyl)guanidine	4250	thiosemicarbazone hydrate	5015, 6003
(±)-1-(1,4-Benzodioxan-2-ylmethoxy)-3-(tert-		Benzoquinonium Chloride	8817
butylamino)-2-propanol	1407, 1568, 4217	Benzosol	8165
(±)-N-[2-[(1,4-Benzodioxan-2-ylmethyl)amino]ethyl]-		(+)-(S)-4-(2-Benzothiazolylmethylamino)-α-	
1,1-cyclopentanediacetimide	6682	[[3,4-difluorophenoxy)methyl]-1-piperidineethanol	7698
(±)-N-[2-[(1,4-Benzodioxan-2-ylmethyl)amino]ethyl]-		(±)-4-(2-Benzothiazolemethylamino)-α-	
1,1-cyclopentanediacetimide		[(p-fluorophenoxy)methyl]-1-piperidinemethanol	9010
monomethanesulfonate	6683	(±)-4-(2-Benzothiazolylmethylamino)-α-[(p-	
1-(1,4-Benzodioxan-5-yl)piperazine	9477, 9484	fluorophenoxy)methyl]-1-piperidineethanol	2993
1-(1,4-Benzodioxan-5-yl)piperazine		(±)-1-(1-Benzo[b]thien-2-ylethyl)-1-	
hydrochloride	9478, 9485	hydroxyurea	1799, 4799
2-[4-(1,3-Benzodioxol-5-ylmethyl)-1-piperazinyl]		2-(2H-Benzotriazol-2-yl)4-(1,1,3,3-tetramethyl-	
pyrimidine	9870	butyl)phenol	9644
(R)-2-[2-[3-[[2-(1,3-Benzodioxol-5-yloxy)ethyl]		2-(2H-Benzotriazol-2-yl)-p-cresol	9637
methylamino]propoxy]-5-methoxyphenyl]-4-		2H-1,3-Benzoxazine-2,4(3H)-dione	531
methyl-2H-1,4-benzothiazin-3(4H)-one	1468, 7360	Benzoxine	4145
(R)-2-[2-[3-[[2-(1,3-Benzodioxol-5-yloxy)ethyl]		Benzoxiquine	6010
methylamino]propoxy]-5-methoxyphenyl]-		Benzoxonium Chloride	6011
4-methyl-2H-1,4-benzothiazin-3(4H)-one		benzoxyline	6010
fumarate	1469, 7361	N-Benzoyl-β-alanine	2629
1-(1,3-Benzodioxol-5-ylmethyl)-4-(diphenylmethyl)-		α-(Benzoylamino)-4-[2-(diethylamino)ethoxy]-	

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N,N-dipropylbenzenepropanamide	6252	Benzoylpas Sodium Salt	2576
α-(Benzoylamino)-4-[2-(diethylamino)ethoxy]- N,N-dipropylbenzenepropanamide hydrochloride	6253	Benzoyl Peroxide	1234, 8475
[2aR-[2aα,4β,4aβ,6β,9α-(R*,βS*),11α,12α, 12aα,12bα]]-β-(Benzoylamino)-α-hydroxy benzenepropanoic acid-6,12b-bis(acetyloxy)- 12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a, 12b-dodecahydro-4,11-dihydroxy-4a,8,13,13- tetramethyl-5-oxo-7,11-methano-1H-cyclodeca [3,4]benz[1,2-b]oxet-9-yl ester	5271	(S)-2-(3-Benzoylphenyl)propionic acid	554
4-(Benzoylamino)-2-hydroxybenzoic acid	2574	(+)-3'-Benzoyl-3-(3-pyridyl)-1H,3H-pyrrolo[1,2-c] thiazole-7-carboxanilide	9558
(11β,16α)-21-[3-(Benzoylamino)-2-methyl-1- oxopropoxy]-9-fluoro-11-hydroxy-16,17- [(1-methylethylidene)bis(oxy)]pregna-1,4- diene-3,20-dione	8733	N ¹ -Benzoylsulfanilamide	2448
2'-Benzoyl-4'-chloro-2-[(S)-2,6-diaminohexanamido]- N-methylacetanilide	2911, 6676	benzoyl superoxide	1234
3'-Benzoyl-1,1-difluoromethanesulfonanilide	4588	9-Benzoyl-1,2,3,4-tetrahydro-6-methoxycarbazole- 3-carboxylic acid	1774
3'-Benzoyl-1,1-difluoromethanesulfonanilide sodium salt	4589	6-Benzoyl-5,6,7,8-tetrahydropyrido[4,3-c]pyridazin- 3(2H)-one hydrazone	4225
(±)-5-Benzoyl-2,3-dihydro-1H-pyrrolizine-1- carboxylic acid	627, 4660	6-Benzoyl-5,6,7,8-tetrahydropyrido[4,3-c]pyridazin- 3(2H)-one hydrazone monomethanesulfonate	4226
(±)-5-Benzoyl-2,3-dihydro-1H-pyrrolizine-1- carboxylic acid compound with 2-amino-2- (hydroxymethyl)-1,3-propanediol (1:1)	628, 4661	S-benzoylthiamine monophosphate	8075
benzoylethylecgonine	930	Benzphetamine	1049, 7645
5-Benzoylhexahydro-1H-furo[3,4-c]pyrrole	692	Benzphetamine Hydrochloride	1050, 7646
m-Benzoylhydratropic acid	624	benzpiperilone	506, 4542
m-Benzoylhydratropic acid lysine salt	625, 4659	Benzpiperylon	506, 4542
(±)-5-Benzoyl-6-hydroxy-1-indancarboxylic acid	4709	benzpiperylone	506, 4542
5-Benzoyl-4-hydroxy-2-methoxybenzene- sulfonic acid	9648	benzproperine amboate	6364
1-Benzoyl-2-methylindole-3-acetic acid	548, 4579	Benzpyrinium Bromide	7594
m-Benzoyl-N-(4-methyl-2-pyridil)hydratropamide	717	Benzquinamide	3523, 5700
m-Benzoyl-N-(4-methyl-2-pyridil)- hydratropamide hydrochloride	718	benzstigminum bromidum	7594
m-Benzoyl-N-(4-methyl-2-pyridyl)hydratropamide	4725	Benzthiazide	4140, 7840
m-Benzoyl-N-(4-methyl-2-pyridyl)- hydratropamide monohydrochloride	4726	Benztrone	8119
5-Benzoyl-α-methyl-2-thiopheneacetic acid	4778	Benztropine	5456
1-Benzoyl-3-[1-(2-naphthylmethyl)-4-piperidyl]urea	3232	Benztropine Mesylate	2674, 5457
[1R-(2-endo-3-exo)]-3-(Benzolyloxy)-8-methyl-8- azabicyclo[3.2.1]octane-2-carboxylic acid methyl ester	1013	Benzydamine	507, 2675, 4543, 5910
[1R-(2-endo-3-exo)]-3-(Benzolyloxy)-8-methyl-8- azabicyclo[3.2.1]octane-2-carboxylic acid methyl ester hydrochloride	1014	Benzydamine Hydrochloride	508, 2676, 4544, 5911
[1R-(2-endo-3-exo)]-3-(Benzolyloxy)-8-methyl-8- azabicyclo[3.2.1]octane-2-carboxylic acid n-propyl ester	1015	4-(Benzylamino)-2-methyl-7H-pyrrolo[2,3-d] pyrimidine	8913
[1R-(2-endo-3-exo)]-3-(Benzolyloxy)-8-methyl-8- azabicyclo[3.2.1]octane-2-carboxylic acid tartrate	1016	2-N-Benzylanilinoacetamidoxime	3871
[1R-(exo,exo)]-3-(Benzoyloxy)-8-methyl-8- azabicyclo[3.2.1]octane-2-carboxylate acid	929	2-N-Benzylanilinoacetamidoxime hydrochloride	3872
Benzoylpas	2574	2-(N-Benzylanilino)ethyl (±)-1,4-dihydro- 2,6-dimethyl-4-(m-nitrophenyl)-5- phosphononicotinate cyclic 2,2-dimethyl- trimethylene ester	4220, 7307
benzoylpas calcium	2575	2-(N-Benzylanilino)ethyl (±)-1,4-dihydro- 2,6-dimethyl-4-(m-nitrophenyl)-5- phosphononicotinate cyclic 2,2-dimethyl- trimethylene ester hydrochloride	4221, 7308
Benzoylpas Calcium Salt Pentahydrate	2575	1-(2-N-Benzylanilinoethyl)pyrrolidine	3932
		1-(2-N-Benzylanilinoethyl)pyrrolidine hydrochloride	3933
		2-[(N-Benzylanilino)methyl]-2-imidazol	3846
		2-(N-Benzylanilino)methyl-2-imidazoline	3847
		2-(N-Benzylanilinomethyl)-2-imidazoline	3848
		2-(N-Benzylanilino)methyl-2-imidazoline hydrochloride	3849
		4-(N-Benzylanilino)-1-methylpiperidine	3856
		4-(N-Benzylanilino)-1-methylpiperidine dihydrochloride	3857
		1-[2-(N-Benzylanilino)-1-(isobutoxymethyl) ethyl]pyrrolidine	1375, 7294, 9727
		1-[2-(N-Benzylanilino)-1-(isobutoxymethyl) ethyl]pyrrolidine monohydrochloride	
		monohydrate	1376, 7295, 9728
		2-Benzylbenzimidazole	9723
		2-Benzylbenzimidazole hydrochloride	9724

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Benzyl Benzoate	8025	[3,4-b]indole-1-acetic acid	557
2-Benzyl-4-chlorophenol	6042	Benzyl 2-[(trans-4-(guanidinomethyl)cyclohexyl	
N-Benzyl-3-chloropropionamide	2912	carbonyloxy]benzoate hydrochloride	
(-)-5-[[[(2R)-2-Benzyl-6-chromanyl]methyl]-2,4-		β-cyclodextrin clathrate	6462
thiazolidinedione	3338	4-Benzyl-α-(p-hydroxyphenyl)-β-methyl-1-	
(-)-5-[[[(2R)-2-Benzyl-6-chromanyl]methyl]-2,4-		piperidineethanol	9686, 9837
thiazolidinedione sodium salt	3339	4-Benzyl-α-(p-hydroxyphenyl)-β-methyl-1-	
3-[(1-Benzylcycloheptyl)oxy]-N,N-dimethyl		piperidineethanol tartrate (2:1)	9687, 9838
propylamine	7290, 9668, 9803	1-Benzyl-3-hydroxypyridinium bromide	
3-[(1-Benzylcycloheptyl)oxy]-N,N-dimethyl		dimethylcarbamate	7594
propylamine fumarate	7291, 9669, 9804	(E)-2-Benzylidenecycloheptonane(E)-O-[2-	
3-Benzyl-3,4-dihydro-6-chloro-2H-1,2,4-		(diisopropylamino)ethyl]oxime	1671
thiadiazine-7-sulfonamide 1,1-dioxide	4141, 7841	(±)-1-[(E)-2-Benzylidenecyclohexyl]azetidine	768
4-Benzyl-1,3-dihydro-7-[4-isopropylamino)		(±)-1-[(E)-2-Benzylidenecyclohexyl]azetidine	
butoxy]-6-methylfuro[3,4-c]pyridine	1520	succinate (1:1)	769
5-Benzylidihydro-6-thioxo-1,3,5-thiadiazine-		4-Benzylidine-5,6,7,8-tetrahydro-1,3(2H,4H)-	
3(4H)-acetic acid	3777	isoquinolinedione	4775
3-Benzyl-3,4-dihydro-6-(trifluoromethyl)-2H-		Benzylhexadecyldimethylammonium chloride	6028
1,2,4-benzothiadiazine-7-sulfonamide		Benzyl-1-[2-(hexahydro-1H-azepin-1-yl)ethyl]-	
1,1-dioxide	4136, 7839	2-oxocyclohexanecarboxylate	6362
2-[Benzyl[2-(dimethylamino)ethyl]amino]pyridine	3979	Benzylhydrochlorothiazide	4141, 7841
2-[Benzyl[2-(dimethylamino)ethyl]amino]		2-Benzyl-2-imidazoline	230, 9879
pyridine citrate	3980	2-Benzyl-2-imidazoline hydrochloride	231, 9880
2-[Benzyl[2-(dimethylamino)ethyl]amino]		[(1-Benzyl-1H-indazol-3-yl)oxy]acetic acid	4539
pyridine hydrochloride	3981	Benzyl[2-[p-(lauroyl)phenoxy]ethyl]dimethyl	
4-Benzyl-1-[2-(dimethylamino)ethyl]piperidine	4078	ammonium chloride	6087
4-Benzyl-1-[2-(dimethylamino)ethyl]		(±)-3-(Benzylmethylamino)-2,2-dimethylpropyl	
piperidine dihydrochloride	4079	methyl 4-(2-fluoro-5-nitrophenyl)-1,4-dihydro-	
(1R,2S)-1-Benzyl-3-dimethylamino-2-methyl-1-		2,6-dimethyl-3,5-pyridinedicarboxylate	7351
phenylpropyl propionate	6416	1-[2-(Benzylmethylamino)ethyl]-6,7-dihydroindolo	
1-Benzyl-3-[3-(dimethylamino)		[1,7-ab][1]benzazepine	3035
propoxy]-1H-indazole	507, 2765, 4543, 5910	1-[2-(Benzylmethylamino)ethyl]-6,7-dihydroindolo	
1-Benzyl-3-[3-(dimethylamino)		[1,7-ab][1]benzazepine monohydrochloride	3036
propoxy]-1H-indazole		2-(Benzylmethylamino)ethyl methyl 1,4-dihydro-	
monohydrochloride	508, 2676, 4544, 5911	2,6-dimethyl-4-(m-nitrophenyl)-	
1-Benzyl-2,3-dimethylguanidine	4144	3,5-pyridinedicarboxylate	1439, 4344, 7341
1-Benzyl-2,3-dimethylguanidine sulfate	4145	2-(Benzylmethylamino)ethyl methyl 1,4-dihydro-	
N-Benzyl-N,α-dimethylphenethylamine	1049, 7645	2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridine-	
N-Benzyl-N,α-dimethylphenethylamine		dicarboxylate monohydrochloride	1440, 4345, 7342
hydrochloride	1050, 7646	2-(Benzylmethylamino)ethyl methyl 1,4-dihydro-	
Benzyl dimethyl(2-phenoxyethyl)		2,6-dimethyl-4-(m-nitrophenyl)-3,5-	
ammonium 3-hydroxy-2-naphthoate	1161	pyridinedicarboxylate	9698, 9858
Benzyl dimethyl[2-[2-[[4-(1,1,3,3-tetramethylbutyl)		2-(Benzylmethylamino)ethyl methyl 1,4-dihydro-	
tolyl]ethoxy]ethyl]ammonium chloride		2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridine	
monohydrate	6103	dicarboxylate monohydrochloride	9699, 9859
Benzyl dimethyl[2-[2-[p-(1,1,3,3-tetramethylbutyl)		Benzylmethyl(2-phenoxyethyl)amine	1160
phenoxy]ethoxy]ethyl]ammonium chloride	6009	(+)-α-Benzylβ-methyl-α-phenyl-1-pyrrolidine	
Benzyl dodecylbis(2-hydroxyethyl)ammonium		propanol acetate (ester)	741
chloride	6011	(+)-α-Benzylβ-methyl-α-phenyl-1-pyrrolidine	
8-Benzyl-7-[2-[ethyl-(2-hydroxyethyl)amino]ethyl]		propanol acetate (ester) hydrochloride	742
theophylline	7122	4-Benzyl-2-(1-methyl-4-piperidyl)-5-phenyl-4-	
8-Benzyl-7-[2-[ethyl-(2-hydroxyethyl)amino]ethyl]		pyrazolin-3-one	506, 4542
theophylline monohydrochloride	7123	(±)-cis-N-(1-Benzyl-2-methyl-3-pyrrolidinyl)-5-	
7-Benzyl-1-ethyl-4-oxo-1,8-naphthyridine-3-		chloro-4-(methylamino)-o-anisamide	8002
carboxylic acid	7635	Benzylmorphine	301
(±)-cis-4-Benzyl-1-ethyl-1,3,4,9-tetrahydropyrano		3-Benzoyloxy-N-methyl-6-myristoyloxy-4,5-	
[3,4-b]indole-1-acetic acid	702	epoxymorphin-7-en	402
(1S,4R)-4-Benzyl-1-ethyl-1,3,4,9-tetrahydropyrano		N-(Benzoyloxy)-N-(3-phenylpropyl)acetamide	4026

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N-Benzyl-2-nitroimidazole-1-acetamide	5567	8,13-dioxobenz[5,6]isoindolo[2,1-b]	
N-(8-Benzyl-1 α H,5 α H-nortropan-3 β -yl)-o-		isoquinolin-9-yl hydrogen phosphate	5154
veratramide	8021	3-[(Benzylthio)methyl]-6-chloro-2H-1,2,4-	
4-Benzoyloxyphenol	7806	benzothiadiazine-7-sulfonamide 1,1-dioxide	4140
3-Benzylpyriso[3,4-c]-as-triazine	3775	3-[(Benzylthio)methyl]-6-chloro-2H-1,2,4-	
Benzylpenicillin	1905	benzothiadiazine-7-sulfonamide 1,1-dioxide	7840
benzylpenicillin acetoxymethyl ester	2082	Benzyrin	508, 2676, 4544, 5911
Benzylpenicillin combined with 1-(p-chlorobenzyl)-		Benzy-Rodiuran	7839
2-(1-pyrrolidinylmethyl)benzimidazole	2030	Benzytol	6039
benzylpenicillin procaine	2093, 2094	Beocid-Puroptal	2451
Benzylpenicillin Sodium	1904	Bepadin	1376, 7295, 9728
Benzylpenicillinic Acid	1905	Bepanthen	7599, 8081
Benzylpencillinic acid N,N'-bis(dehydroabietyl)		Bephenium	1160
ethylenediamine double salt	2091	Bephenium Hydroxynaphthoate	1161
Benzylpenicillinic acid potassium salt	2086	Beprane	1465, 1653, 4387, 7070
benzylpenicillinic acid sodium salt	1904	Bepridil	1375, 1376, 7294, 7295, 9727
1-[2-(2-Benzylphenoxy)-1-methylethyl]piperidine	6363	Bepridil Hydrochloride	1376, 7295,
1-[2-(2-Benzylphenoxy)-1-methylethyl]piperidine		Bepridil Hydrochloride Monohydrate	9728
trihydrogen phosphate	6365	Berachin	6973, 7275
1-[2-(2-Benzylphenoxy)-1-methylethyl]		Beractant	9185
piperidinium 3,3'-dihydroxy-4,4'-methylenedi-2-		Beraprost	9152
naphthoate	6364	Beraprost Sodium Salt	9153
1-Benzyl-4-picolinoylpiperazine	3238	Berberine	4896, 5912
1-Benzyl-2-(1-piperazinyl)benzimidazole	3554	Berculon A	2618
($\pm$)-2-[(1-Benzyl-4-piperidyl)methyl]-5,6-		Berefriene	8938
dimethoxy-1-indanone	8985	Bergacef	1922
($\pm$)-2-[(1-Benzyl-4-piperidyl)methyl]-5,6-dimethoxy-		bergaptan	5664
1-indanone hydrochloride	8986	Bergapten	5664
($\pm$)-(R*)-3-[(R*)-1-Benzyl-3-piperidyl] methyl		Bergaptene	5664
1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-		Bergenin	6464
pyridinedicarboxylate	4137, 7292	Berkfurin	2244
($\pm$)-(R*)-3-[(R*)-1-Benzyl-3-piperidyl] methyl		Berkmycen	2559
1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-		Berkolol	1465, 1653, 4387, 7070
3,5-pyridinedicarboxylate hydrochloride		Berkomine	1686, 3150
(α form)	4138, 7293	Berkozide	7839
(+)-2-(1-Benzyl-4-piperidyl)-2-phenyl		Berlafenone	1521
glutarimide	2709, 5470	Bermoprofen	509, 4545, 4546, 5913
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4-[4,4-Bis(4-fluorophenyl)butyl]-N-(2,6-dimethylphenyl)-1-piperazineacetamide	9764	8-[[Bis(2-hydroxyethyl)amino]methyl]-6,7-dihydroxy-4-methylcoumarin	4601
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[2-[4-[Bis(p-fluorophenyl)methyl]-1-piperazinyl]ethoxy]acetic acid	3919	Bis[1-hydroxy-2(1H)-pyridinethionato]zinc	3748, 5992
($\pm$)-4-[Bis(p-fluorophenyl)methyl]- α -[(9H-purin-6-ylthio)methyl]-1-piperazineethanol	7432	4,4'-Bis(isopentyloxy)thiocarbanilide	2619
($\pm$)-4-[Bis(p-fluorophenyl)methyl]- α -[(9H-purin-6-ylthio)methyl]-1-piperazineethanol succinate (1:1) (salt)	7433	Bis(3-mesyloxypropyl)amine hydrochloride	5173
1-[Bis(4-Fluorophenyl)methyl]-4-[(2,3,4-trimethoxyphenyl)methyl]methyl]piperazine	7332, 9690	1,4-Bis(methanesulfonyloxy)butane	5250, 5251
1-[Bis(4-Fluorophenyl)methyl]-4-[(2,3,4-trimethoxyphenyl)methyl]methyl]piperazine dihydrochloride	7333, 9691	4,5-Bis(p-methoxyphenyl)-2-(trifluoromethyl)-imidazole	4626
1-[Bis(p-fluorophenyl)methyl]-4-(2,3,4-trimethoxybenzyl)piperazine	4974	1,4-Bis[(2-methoxy-4-propylphenoxy)acetyl]piperazine	760
1-[Bis(p-fluorophenyl)methyl]-4-(2,3,4-trimethoxybenzyl)piperazine dihydrochloride	4975	N,N'-Bis(3-methoxypropyl)-2,4-pyridine carboxamide	3625
6-[2-[4-[Bis(p-fluorophenyl)methylene]-piperidino]ethyl]-7-methyl-5H-thiazolo[3,2-a]pyrimidin-5-one	3256, 6798, 9520	1,4-bis[3-[(methylsulfonyl)oxy]-1-oxopropyl]piperazine	5027
6-[2-[4-[Bis(p-fluorophenyl)methylene]-piperidino]ethyl]-7-methyl-5H-thiazolo-[3,2-a]pyrimidin-5-one L-tartrate	9521	Bis(6-methoxy-1-phenazino[5,10-dioxido]copper	3667
4,5-Bis(p-fluorophenyl)-2-[91,1,2,2-tetrafluoroethyl)sulfonyl]imidazole	1735, 4781	5,6-Bis(p-Methoxyphenyl)-3-methyl-as-triazine	4531
(R*,R*)-5,5'-Bis(β -D-glucopyranosyloxy)-9,9',10,10'-tetrahydro-4,4'-dihydroxy-10,10'-dioxo[9,9'-bianthracene]-2,2'-dicarboxylic acid	8547	Bis(1-methylethyl) phosphoric acid 4-nitrophenyl ester	7600
(R*,S*)-5,5'-Bis(β -D-glucopyranosyloxy)-9,9',10,10'-tetrahydro-4,4'-dihydroxy-10,10'-dioxo[9,9'-bianthracene]-2,2'-dicarboxylic acid	8548	Bis[(1-methylhexyl)ammonium] sulfate	7799
Bisguanidine	5998	(-)-(R)-1 [4,4-Bis(3-methyl-2-thienyl)-3-butenyl]nipecotic acid	3004
bishydroxycoumarin	2878	(-)-(R)-1 [4,4-Bis(3-methyl-2-thienyl)-3-butenyl]nipecotic acid hydrochloride	3005
2-[Bis(2-hydroxyethyl)amino]-4'-chloro-2'-		Bismetin	7357, 9785
		Bisminate	1116
		Bismogenol Tosse Inj.	1120, 3426, 8602
		Bismugel	1117, 9608
		bismuth subiodide	6013
		Bismuth Aluminate	1116
		Bismuth Butylthiolaurate	6267
		Bismuth Chloride Oxide	6268
		Bismuth Ethyl Camphorate	6269

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Bismuth hydroxide nitrate oxide	1119	Bis(2,2,2)trifluoroethyl ether	7691
Bismuth Iodide Oxide	6013	(1S,4R,5R,8S)-4-[(Z)-2,4-Bis(trifluoromethyl)styryl]-	
Bismuth Iodosubgallate	6014	4,8-dimethyl-2,3-dioxabicyclo[3.3.1]nonan-	
Bismuth Oxide	6845	7-one	4890
Bismuth oxycarbonate	9609	Bistriurate	8601
Bismuth oxychloride	6268	Bistrium bromide	4271
Bismuth oxyiodide	6013	Bistrium chloride	4272
Bismuth oxyiodogallate	6014	Bitensil	20, 4223
bismuth oxynitrate	1119	Biterol	6885, 7127
Bismuth Phosphate	1117, 9608	Bithin	6016
Bismuth Potassium Tartrate	6270	bithiodine	6450
Bismuth Sodium Tartrate	6271	bithionate sodium	6017
Bismuth Sodium Triglycollamate	8601	Bithionol	6016
Bismuth Subcarbonate	9609	Bithionol Sodium	6017
Bismuth subchloride	6268	Bithionol Sulfoxide	6018
Bismuth Subgallate	1118, 6846, 9610	Bithionoloxide	1162
Bismuth Subnitrate	1119	Bitin-s	6018
bismuth subnitricum	1119	Bitolterol	6884, 7126
Bismuth Subsalcylate	1120, 3426, 8602	Bitolterol Mesylate	6885, 7127
Bismuth Tannate	6847, 9611	Bitoscanate	1163
Bismuth Tribromophenate	6015	bitoterol methanesulfonate	6885, 7127
Bismuth tribromophenol	6015	Bitrop	1601, 2757, 7187
Bismuth trioxide	6845	bitter almond oil camphor	9607
Bismuth tris(2,4,6-tribromophenoxide)	6015	bitter salts	8525, 9214
bismuth white	1119	bitter salts [heptahydrate]	2957
bismuth yellow	6845	bitter stick	4897
bismuth(III) salt of d-camphoric acid ethyl ester	6269	Bitulan	6076
bismuthous oxide	6845	bituminol	6076
bismuthyl chloride	6268	bitumol	6076
bismuthyl iodide	6013	Bituvitan	8095
bismuthyl nitrate	1119	Bivalirudin	2869, 6291
Bisnafide	5047	Bizelesin	5049
Bisnafide Dimesylate	5048	BL-5	2874
2,2-Bis[(nitrooxy)methyl]-1,3-propanediol		BL-139	2650
dinitrate (ester)	9778	BL-191	9868
Bisolvon	8159	BL-4162A	6284, 6286
Bisoprolol	4150, 5081, 6994	BL-5572M	6444
Bisoprolol Hemifumarate	4151, 6995	BL-5641A	8378
Bisoxatin	8496	BL-5772M	740
Bisoxatin Acetate	8497	Black & White Bleaching Cream	7805
D-Bis(N-pantothenyl)-2-aminoethyl)-disulfide	4077	Black balsam	6007, 9605
5,5-Bis(4-pyridylmethyl)-5H-cyclopenta-		Bladderon	6206, 8848
[2,1-b:3,4-b']dipyridine monohydrate	9011	blanc de perle	6268
1,2-Bis[(2-oxo-1-pyrrolidinyl)acetyl]hydrazine	8987	blanc d'Espagne	6268
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) succinate	6447	Blascorid	6365
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) succinate		blasting gelatin	9775
sulfate (1:2)	6448	blasting oil	9775
Bis(2-propoxyethyl) 1,4'-dihydro-2,6-dimethyl-		Blastomycin	3641
4-(3-nitrophenyl)-,3,5-pyridinedicarboxylate	7344	Blaud's Mass	8277
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1,1'-[2,2-Bis[(2,2,2-trichloro-1-hydroxyethoxy)		Bleph-10	2451
methyl]-1,3-propanediylbis(oxy)]bis[2,2,2-		Bleph-10 Ophthalmic Ointment	2451
trichloroethanol]	9415	Bleph-10 Ophthalmic Solution	2451

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Blephamide, component of	2451	BMY-42215-1	8452
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Block copolymer of oxirane with methyloxirane.	8536	(±)-BN-1270	4188
Blockain hydrochloride	1012	BO-2727	2057
Blockin L	1460, 1636, 3825, 4378, 7063, 9707, 9869	BO-714	8348
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BL-P1462	2140	Bolvidon	3190
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BMY-28100-03-800	1985	d-Bornyl- α -Bromoisovalerate	9302
BMY-28142	1943	Bornyl Chloride	6020
BMY-28167 [E form]	1985	d-Bornyl Isovalerate	9301
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BRL-26921	9547	thieno[3,2-f]-s-triazolo[4,3-a][1,4]diazepine	6697
BRL-29060	3233, 9537	7-Bromo-5-(o-chlorophenyl)-2,3-dihydro-2-(methoxy-	
BRL-34915	4300	methyl)-1-methyl-1H-1,4-benzodiazepine	6764
BRL-34915 [(±)-form]	1763	7-Bromo-5-(o-chlorophenyl)-2,3-dihydro-2-	
BRL-38227	1763, 4300, 9059	(methoxymethyl)-1-methyl-1H-1,4-	
BRL-39123	6626	benzodiazepine hydrochloride	6765
BRL-42810	6588	5-Bromo-N-(4-chlorophenyl)-2-hydroxybenzamide	3642
BRL-43694	3552, 9504	2-Bromo-4-(o-chlorophenyl)-9-methyl-6H-	
BRL-43694A	3553, 9505	thieno[3,2-f]-s-triazolo[4,3-a][1,4]diazepine	9306
Broact	1981	2-Bromo-2-chloro-1,1,1-trifluoroethane	856
Brobactam	2630	Bromocriptine	5462, 7947, 7983, 9138
Brocalcin	9318	Bromocriptine Mesylate	5463, 7948, 7984, 9139
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Brochoretard	7260	bromodeoxyuridine	5058
Brocillin	2122	5-bromodeoxyuridine	5058
Brocresine	7982	5-Bromo-2'-deoxyuridine	5058
Brocrinat	7843	p-Bromo-N-[(E)-[[2-[[[2-[(diaminomethylene)amino]	
Brocsil	2105	4-thiazolyl)methyl]thio]ethyl]amino]	
Brodiair	6021	methylene]benzenesulfonamide	6474
Brodimoprim	1802	3-(2-Bromo-9,10-didehydro-6-methylergolin-8α-yl)-	
Brofaromine	3046	1,1-diethylurea	5704
Broflex	2849, 5526	(6β,11β)-2-Bromo-6,9-difluoro-11,17,21-trihydroxy-	
Brofoxine	5703	pregna-1,4-diene-3,20-dione	4863
Brolene Drops	1346, 6134	(6β,11β)-2-Bromo-6,9-difluoro-11,17,21-trihydroxy-	
Brolene Ointment	1328, 6052	pregna-1,4-diene-3,20-dione 17,21-diacetate	4864
Brolitène	8856	(+)-(5S)-(5-Bromo-2,3-dihydro-7-benzofuranyl)-8-	
Bromadal	9321	chloro-2,3,4,5-tetrahydro-3-methyl-1H-3-	
Bromadoline	512	benzazepin-7-ol	7981
Bromadoline Maleate	513	6-Bromo-1,4-dihydro-4,4-dimethyl-2H-3,1-	
Bromadryl	3921	benzoxazin-2-one	5703
Bromazepam	6685	7-Bromo-1,3-dihydro-5-(2-pyridyl)-2H-1,4-	
Bromebic Acid	5055	benzodiazepin-2-one	6685
Bromebic Acid Sodium Salt	5056	5-Bromo-N,2-dihydroxybenzamide	2577
Bromelain	4553	(3α,14β,16α)-11-Bromo-14,15-dihydro-14-	
bromelin	4553	hydroxyeburamenine-14-carboxylic acid	
Bromerguride	5704	methyl ester	9811
brometazepam	6764	(3α,14β,16α)-11-Bromo-14,15-dihydro-14-	
Bromfenac	514, 4554	hydroxyeburamenine-14-carboxylic acid	
Bromfenac Sodium	515, 4555	methyl ester hydrogen fumarate	9812
Bromhexine	8158, 8780	4-[(2-Bromo-4,5-dimethoxyphenyl)methyl]-4-[2-[2-	
Bromhexine Hydrochloride	8159, 8781	(6,6-dimethylbicyclo[3.1.1]hept-2-yl)ethoxy]-	
Bromindione	2870	ethyl]morpholinium bromide	6230
Bromisoval	9305	trans-p-Bromo-N-[2-(dimethylamino)cyclohexyl]	
Bromoacetanilide	516, 5914	benzamide	512
p-bromoacetanilide	516, 5914	trans-p-Bromo-N-[2-(dimethylamino)cyclohexyl]	
bromoanilide	516, 5914	benzamide maleate (1:1)	513
Bromoantifebrin	516, 5914	(+)-2-[p-Bromo-α-[2-(dimethylamino)ethyl]-	
bromo-aspirin	517	benzyl pyridine	3862, 3901
Bromo-benadryl	3860	(+)-2-[p-Bromo-α-[2-(dimethylamino)ethyl]-	
(o-Bromobenzyl)ethyldimethylammonium	1527	benzyl pyridine maleate	3863, 3902
(o-Bromobenzyl)ethyldimethylammonium		(2S,5R,6R)-6-Bromo-3,3-dimethyl-7-oxo-4-thia-	
p-toluenesulfonate	1528	1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2630
(±)-3-Bromo-α-[(tert-butylamino)methyl]-5-		N ¹ -(5-Bromo-4,6-dimethyl-2-pyrimidinyl)-	
isoxazolemethanol	7000	sulfanilamide	2449
(±)-trans-7-Bromo-6-chloro-3-[3-(3-hydroxy-2-		Bromodiphenhydramine	3860
piperidyl)-acetyl]-4(3H)-		Bromodiphenhydramine Hydrochloride	3861

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1-(2-Bromo-1,2-diphenylethenyl)-4-ethylbenzene	8107	propenyl]pyridine	3309, 9544
2-Bromo-2-ethylbutanamide	9350	(Z)-3-[1-(p-Bromophenyl)-3-(dimethylamino)	
2-Bromo-2-ethylbutyrylurea	9321	propenyl]pyridine dihydrochloride	3311, 9546
(E)-m-Bromo-N-ethylcinnamamide	2917	(Z)-3-[1-(p-Bromophenyl)-3-(dimethylamino)	
(-)-(S)-3-Bromo-N-[(1-ethyl-2-pyrrolidinyl)methyl]-		propenyl]pyridine dihydrochloride	
2,6-dimethoxybenzamide	5850	monohydrate	3310, 9545
(-)-(S)-3-Bromo-N-[(1-ethyl-2-pyrrolidinyl)methyl]-		2-(p-Bromophenyl)-1,3-indanedione	2870
2,6-dimethoxybenzamide		1-[[[5-(p-Bromophenyl)-2-oxazolyl]methylene]	
monohydrochloride monohydrate	5851	amino]hydantoin	8812
2-(2-Bromo-6-fluoroanilino-2-imidazoline	175, 9438	1-[[[5-(p-Bromophenyl)-2-oxazolyl]methylene]	
2-(2-Bromo-6-fluoroanilino-2-imidazoline		amino]hydantoin sodium salt dihydrate	8813
hydrochloride	176, 9439	2-(m-Bromophenyl)succinimide	2913
3-(4-Bromo-2-fluorobenzyl)-7-chloro-3,4-dihydro-		7-Bromo-5-(2-pyridyl)-3H-1,4-benzodiazepin-	
2,4-dioxo-1(2H)-quinazolineacetic acid	69	2(1H)-one	6685
[[7-Bromo-3-(o-fluorophenyl)-1,2-benzisoxazol-6-yl]		1-(5-Bromo-2-pyridyl)-3-[2-(2-pyridyl)ethyl]-	
oxy]acetic acid	7843	2-thiourea	6652
10-Bromo-11b-(o-fluorophenyl)-2,3,7,11b-		Bromosalicylchloranilide	3642
tetrahydrooxazol[3,2-d][1,4]benzodiazepin-		5-Bromosalicylhydroxamic Acid	2577
6(5H)-one	9375	5-Bromosalicylic Acid Acetate	517
17-Bromo-6 α -fluoropregn-4-ene-3,20-dione	9095	5-bromosaligenin	4556
17 α -bromo-6 α -fluoroprogesterone	9095	Bromosaligenin	4556
Bromoform	6369, 9304	5-bromosulfamethazine	2449
5-Bromo-2-hydroxybenzyl alcohol	4556	2-Bromo-1,1,1,2-tetrafluoroethane	864
2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-		3-Bromo-1,1,2,2-tetrafluoropropane	855
methylpropyl)-5' α -ergotaman-		1-[[3-Bromo-2-(o-1H-tetrazol-5-ylphenyl)-5-	
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2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-		chloroimidazole-5-carboxylic acid	1045, 4453
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3',6',18-trione methanesulfonate	5463, 7984, 9139	2-amino-2-methyl-1-propanol	7908
2-Bromo-12'-hydroxy-2'-(1-methylethyl)-5'-(2-		Bromotiren	4457
methylpropyl)ergotaman-3',6',18-trione	7947	2-Bromo-1,1,2-trifluoroethyl methyl ether	862
5-Bromo-6-(2-imidazol-2-ylamino)quinoxaline	3795	5-bromouracil	5058
5-Bromo-6-(2-imidazol-2-ylamino)quinoxaline		bromouracil deoxyriboside	5058
D-tartrate	3796	5-bromouracil-2-deoxyriboside	5058
Bromoisovalum	9305	5-bromovinyl-araU	6640
4-(7-Bromo-5-methoxy-2-benzofuranyl)piperidine	3046	(E)-5-(2-Bromovinyl)-2'-deoxyuridine	6563
2-[(p-Bromo- α -methyl- α -phenylbenzyl)oxy]-		Bromperidol	5705
N,N-dimethylethylamine	3920	Bromperidol Decanoate	5706
2-[(p-Bromo- α -methyl- α -phenylbenzyl)oxy]-		Brompheniramine	3862
N,N-dimethylethylamine hydrochloride	3921	Brompheniramine Maleate	3863
2-[[4-(5-Bromo-3-methyl-2-pyridyl)butyl]amino]-		5-(2-Bromo-2-propenyl)-1-methyl-5-(1-	
5-[(6-methyl-3-pyridyl)methyl]-4(1H)-		methylethyl)-2,4,6(1H,3H,5H)-pyrimidinetrione	9405
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Bronkosol	6927, 7190	BTS-18322	606, 4631
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(±)-5-[2-[[3-(tert-Butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophenecarboxamide	200, 201, 1370, 1371, 1512, 1513, 4125, 4126, 6893, 6894	α ⁶ -[(tert-Butylamino)methyl]-3-hydroxy-2,6-pyridinedimethanol	6944, 7221
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($\pm$)-1-(tert-Butylamino)-3-[(2-methylindol-4-yl)oxy]-2-propanol benzoate (ester)	4152, 6996	(E)-2-Butyl-1-(p-carboxybenzyl)- α -2-thenyl-imidazole-5-acrylic acid monomethanesulfonate	1039, 4230
($\pm$)-1-(tert-Butylamino)-3-[(2-methylindol-4-yl)oxy]-2-propanol benzoate (ester) maleate	4153, 6997	(S)-2-tert-Butyl-4-[(S)-N-[(S)-1-carboxy-3-phenylpropyl]alanyl]- Δ^2 -1,3,4-thiadiazoline-5-carboxylic acid	54
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($\pm$)-1-(tert-Butylamino)-3-(thiochroman-8-yloxy)-2-propanol	4424, 7080	5-Butyl-1-cyclohexylbarbituric acid	4560, 4813
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($\pm$)-1-(tert-Butylamino)-3-(2,3-xylyloxy)-2-propanol hydrochloride	1693, 7090	(2R,4aR,5aR,6S,7S,8R,9S,9aR,10aS)-2-Butyldecahydro-4a,7,9-trihydroxy-6,8-bis(methylamino)-4H-pyrano[2,3-b][1,4]benzodioxin-4-one sulfate (1:1) (salt) pentahydrate	2305
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2-Butyl-3-benzofuranyl 4-[2-(diethylamino)ethoxy]-3,5-diiodophenyl ketone hydrochloride	1365, 1506	($\pm$)-1-sec-Butyl-4-p-[4-[p-[(2R*,4S*)-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-yl-methyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]phenyl]- Δ^2 -1,2,4-triazolin-5-one	3697
α -Butylbenzyl alcohol	7569	N-Butyl-N-[2-(diethylamino)ethyl]-1-naphthamide	1537
1-(p-tert-Butylbenzyl)-4-(p-chloro- α -phenylbenzyl)piperazine	3526	($\pm$)-1-sec-Butyl-4-[p-[4-[p-[(2R*,4S*)-2-(2,4-difluorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]phenyl]- Δ^2 -1,2,4-triazolin-5-one	3754
1-(p-tert-Butylbenzyl)-4-(p-chloro- α -phenylbenzyl)piperazine dihydrochloride	3527	1-Butyl-3-[1-(6,7-dimethoxy-4-quinazoliny)-4-piperidyl]urea	7427
N-(p-tert-Butylbenzyl)-N-methyl-1-naphthalene-methylamine	3645	3-Butyl-1-[2-(dimethylamino)ethoxy]isoquinoline	937
N-(p-tert-Butylbenzyl)-N-methyl-1-naphthalene-methylamine hydrochloride	3646	3-Butyl-1-[2-(dimethylamino)ethoxy]isoquinoline hydrochloride	938
1-Butylbiguanide	3320	2-(4-tert-Butyl-2,6-dimethylbenzyl)-2-imidazoline	194
1-Butylbiguanide hydrochloride	3321	2-(4-tert-Butyl-2,6-dimethylbenzyl)-2-imidazoline hydrochloride	195
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1-tert-Butyl-4,4-diphenylpiperidine hydrochloride	5465	p-[3-(p-tert-Butylphenoxy)-2-hydroxypropoxy]benzoic acid	4094
4-Butyl-1,2-diphenylpyrazolidine-3,5-dione compound with 4,5-dihydrothiazol-2-amine (1:1)	4777	2-[(o-tert-Butyl- α -phenylbenzyl)oxy]-N,N-dimethylethylamine	3864
Butylenin	4644	p-tert-Butylphenyl trans-4-(guanidinomethyl)-cyclohexanecarboxylate	2250
1-Butyl-2-ethylbiguanide	3340	1-(p-tert-Butylphenyl)-3-(p-methoxyphenyl)-1,3-propanedione	9633
1-Butyl-2-ethylbiguanide monohydrochloride	3341	Butyl 3-phenyl-3-(1-piperidyl)propionate	6176
5-Butyl-5-ethyl-2,4,6(1H,3H,5H)-pyrimidinetrione	9312	Butyl 3-phenyl-3-(1-piperidyl)propionate Hydrochloride	6177
5-sec-Butyl-5-ethyl-2-thiobarbituric acid	895	4-Butyl-1-phenyl-3,5-pyrazolidinedione	4684
4-Butyl-3-hydroxy-1,2-diphenyl-3-pyrazolin-5-one sodium salt compound with glycerol (1:1)	4722	(-)-1-Butyl-2',6'-pipecoloxylidide	964
4-Butyl-4-(hydroxymethyl)-1,2-diphenyl-3,5-pyrazolidinedione hydrogen succinate (ester)	4765	($\pm$)-1-Butyl-2',6'-pipecoloxylidide	912
[(7S)-(1 α ,2 β ,4 β ,5 α ,7 β)]-9-Butyl-7-(3-hydroxy-1-oxo-2-phenylpropoxy)-9-methyl-3-oxa-9-azoniatricyclo[3.3.1.0 ^{2,4}]nonane bromide	6223	($\pm$)-1-Butyl-2',6'-pipecoloxylidide hydrochloride monohydrate	913
4-Butyl-1-(p-hydroxyphenyl)-2-phenyl-3,5-pyrazolidinedione	4712	($\pm$)-2-tert-Butyl- α -[2-(4-piperidyl)ethyl]-4-quinolinemethanol	1655
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6-tert-Butyl-3-(2-imidazolin-2-ylmethyl)-2,4-dimethylphenol	155	N-(Butylsulfonyl)-4-[4-(4-piperidyl)butoxy]-L-phenylalanine	6354, 8180
6-tert-Butyl-3-(2-imidazolin-2-ylmethyl)-2,4-dimethylphenol monohydrochloride	156	N-(Butylsulfonyl)-4-[4-(4-piperidyl)butoxy]-L-phenylalanine hydrochloride	6355, 8181
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2-Butyl-4-methoxy-1-naphthol acetate	1744	2-Butyl-3-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-1,3-diazaspiro[4.4]non-1-en-4-one	, 4290
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N-tert-Butyl-1-methyl-3,3-diphenylpropylamine hydrochloride	1473, 7365, 9789	2-(Butylthio)dodecanoic acid bismuth basic salt	6267
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($\pm$)-3 α -tert-Butyl-2,3,4,4a β ,8,9,13b α ,14-octahydro-1H-benzo[6,7]-cyclohepta[1,2,3-de]pyrido[2,1-]isoquinolin-3-ol	"	1-Butyl-2',4',6'-trimethyl-2-pyrrolidinecarboxanilide	911
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Imethylammonium iodide	2649, 2759	Carbimazole	4456
1-(3-Carbamoyl-3,3-diphenylpropyl)-1-methylpiperidinium bromide	6203	carbimide	10000
1-(3-Carbamoyl-3,3-diphenylpropyl)perhydro-1-methylazepinium iodide	2686	Carbinoxamine	3866
N-carbamoyl-hydroxylamine	5167	l-carbinoxamine	3991
(2S)-N-[(α R)- α -[(Carbamoylmethyl)carbamoyl]- α -ethylbenzyl]-2-pyrrolidinecarboxamide	5476	Carbinoxamine Maleate	3867
N-[D-1-[(Carbamoylmethyl)carbamoyl]-3-methylbutyl]-N-methyl-L-2-pyrrolidinecarboxamide	5496	Carbiphenes	529
N-[D-1-[(Carbamoylmethyl)carbamoyl]-3-methylbutyl]-N-methyl-L-2-pyrrolidinecarboxamide sulfate (2:1)	5497	Carbiphenes Hydrochloride	530
10-[3-(4-Carbamoylpiperidino)propyl]-2-chlorophenothiazine	3578	Carbocaina	971
3-(4-Carbamoylpyridylmethyl)-8-oxo-7-(phenylacetamido)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1919	Carbocaine	971
(2S)-N[(1S)-1-[(2S)-2-Carbamoyl-1-pyrrolidinyl]-carbonyl]-3-methylbutyl]-6-oxopipercolamide	9584	carbocalcitonin	5440, 7378
3-Carbamoyl-1- β -D-ribofuranosylpyridinium hydroxide 5' ester with adenosine 5'-pyrophosphate	8959	Carbocit	8162, 8782
Carbapen	1908	Carbocloral	9320
Carbarsone	1314	carbocromen	9730
Carbaryl	8026	Carbocysteine	8162, 8782
carbasalate calcium	525, 4567, 5919	carboethoxyphthalazinohydrazine	4433
Carbased	9277	Carbofil	8498
carbaspirin calcium	525, 4567, 5919	Carbol-Fuchsin	3652
Carbastat Intraocular	7596, 8739	carbolic acid	990, 5651
Carbazeran	7430	Carbolic camphor	6121
carbazilquinone	5065	Carbolith	4942, 5779
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Carbazoehrome Salicylate	8311	6,8-carvomenthenediol	8794
Carbazoehrome Sodium Sulfonate	8312	Carbomycin A	2179
1-(Carbazol-4-yloxy)-3-(isopropylamino)-2-propanol	1394, 1550, 4173, 7015	Carbomycin B	2180
($\pm$)-1-(Carbazol-4-yloxy)-3-[[2-(o-methoxyphenoxy)ethyl]amino]-2-propanol	1397, 4178, 7018	Carbon Dioxide	9239
Carbazon	8312	Carbon Tetrachloride	1164
Carbecin	1908	[Carbonato(1-)-O]dihydroxyaluminum monosodium salt	1123
Carbelan	528, 2916	[Carbonato(2)]heptahydroxy(aluminum) trimagnesium dihydrate	1110
Carbenicillin	1907	Carbonic acid ammonium salt	8157
Carbenicillin Disodium	1908	Carbonic acid bis(2-methoxyphenyl) ester	8166
carbenicillin indanyl ester	1912	Carbonic acid calcium salt (1:1)	1121, 9194
Carbenicillin Indanyl Sodium	1909	Carbonic acid dilithium salt	4942
Carbenicillin Phenyl	1910	carbonic acid guaiacol ether	8166
Carbenicillin Phenyl Sodium	1911	Carbonic acid magnesium salt (1:1) mixture with magnesium hydroxide hydrate	1127, 1128, 8518
Carbenoxolone	6466, 7746	Carbonic acid magnesium salt (1:1) mixture with magnesium hydroxide hydrate, dihydrate	1126
Carbenoxolone Sodium	6467, 7747	Carbonic acid monopotassium salt	9220
Carbetane	6379	Carbonic acid potassium salt	7916
Carbetapentane	6378	Carbonic acid zinc salt (1:1)	6866
Carbetapentane Citrate	6379	carbonic anhydrase inhibitor #6063	3786, 7399, 7821
Carbetimer	5063	Carbonic anhydride	9239
Carbicalcin	5440, 7378	[S-(R*,R*)]-6, 6'-[Carbonylbis(imino-1H-indole-5,2-diylcarbonyl)]bis[8-(chloromethyl)-3,6,7,8-tetrahydro-1-methyl-benzo[1,2-b:4,3-b']dipyrrol-4-ol]	5049
Carbidopa	5466	8,8'-[Carbonylbis(imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino)]bis-1,3,5-naphthalenetrisulfonic acid hexasodium salt	1223
Carbilazine	1169	Carboplatin	5064
		Carboprost	9026, 9154
		Carboprost Methyl	9027, 9155
		Carboprost Methyl Ester	9155
		carboprost trometamol	9156
		Carboprost Tromethamine	9028

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Carboprost Tromethamine Salt	9156	L-(3-Carboxy-2-hydroxypropyl)trimethylammonium	
Carboquone	5065	hydroxide inner salt	4032, 4062, 9208
Carb-O-Sep	1314	(3-Carboxy-2-hydroxypropyl)trimethylammonium	
Carbostesin	913	hydroxide inner salt acetate	8974
Carbostibamide	1230, 5635	(3-Carboxy-2-hydroxypropyl)trimethylammonium	
carbothiamine	8080	hydroxide inner salt acetate hydrochloride	8975
p-Carboxyacetanilide	6544	carboxymethylcysteine	8162
(3S,5S)-5-[[[4'-(Carboxyamidino)-4-biphenyl]-oxy)methyl]-2-oxo-3-pyrrolidineacetic acid dimethyl ester	6319	S-(Carboxymethyl)-L-cysteine	8162
α-carboxy-o-anisic acid compound with antipyrine	499	(+)-N-(Carboxy)-1-methyl-9,10-dihydrolysergamine benzyl ester	9145, 9509
(2S,3aS,7aS)-1-[(S)-N-[(S)-1-Carboxybutyl]alanyl]-hexahydro-2-indolinecarboxylic acid	37, 4365	[2S-(2α,3β,4β)]-2-Carboxy-4-(1-methylethenyl)-3-pyrrolideneacetic acid	1185
(2S,3aS,7aS)-1-[(S)-N-[(S)-1-Carboxybutyl]alanyl]-hexahydro-2-indolinecarboxylic acid tert-butylamine salt	38, 4366	N-[(3S)-1-(Carboxymethyl)-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepin-3-yl]-L-lysine	30
[6R-[6α,7β(R*)]]-1-[[[2-Carboxy-7-[[[(5-carboxy-1H-imidazol-4-yl)carbonyl]amino]phenylacetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-4-(2-sulfoethyl)-pyridinium hydroxide inner salt	1976	N-[(3S)-1-(Carboxymethyl)-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepin-3-yl]-L-lysine	4301
[6R-[6α,7β(R*)]]-1-[[[2-Carboxy-7-[[[(5-carboxy-1H-imidazol-4-yl)carbonyl]amino]phenylacetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-4-(2-sulfoethyl)pyridinium hydroxide inner salt monosodium salt	1977	3-[(Carboxymethyl)thio]alanine	8782
1-Carboxy-4,5-dihydroxy-1,3-cyclohexylene-3,4-dihydroxycinnamate	7558	2-[2-[(Carboxymethyl)thio]ethyl]-4-thiazolidine-carboxylic acid 2-ethyl ester	8788
N-(2-Carboxy-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-6-yl)-2-phenyl malonamic acid 1-(5-indanyl) ester	1912	[(carboxymethyl)thio]gold calcium salt	1729
(1R-cis,1R'-cis)-2-(2-Carboxyethyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-veratrylisoquinolinium benzenesulfonate pentamethylene ester	8811	carboxymethyltheophylline	7109, 7408, 7820
2-(2-Carboxyethyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-methyl-1-veratryl-isoquinolinium benzenesulfonate pentamethylene ester	8810	N-Carboxy-3-morpholinosynonimine ethyl ester	1435
(2S,3R)-3-[(2-Carboxyethyl)thio]-3-[o-(8-phenyloctyl)phenyl]lactic acid	8569	[3-(3-Carboxy-2-oxo-2H-1-benzopyran-8-yl)-2-methoxypropyl]hydroxymercuate(1-) hydrogen	7889
(2S,3R)-3-[(2-Carboxyethyl)thio]-3-[o-(8-phenyloctyl)phenyl]lactic acid compound with ethylene diamine (1:1) monohydrate	8570	[3-(3-Carboxy-2-oxo-2H-1-benzopyran-8-yl)-2-methoxypropyl]hydroxymercuate(1-) sodium compound with theophylline	7888
[4R-[4α,5β,6β(R*)]]-6-[[[2-Carboxy-6-(1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-en-3-yl]thio]-6,7-dihydro-5H-pyrazolo[1,2a][1,2,4]triazol-4-ium hydroxide inner salt	1906	o-carboxyphenyl acetate	503, 4534, 5908
7-[[[Carboxy(4-hydroxyphenyl)acetyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]-methyl]-8-oxo-5-oxa-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	2070	[2S-(2α,5α,6β)]-6-[(Carboxyphenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	1907
7-[[[Carboxy(4-hydroxyphenyl)acetyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]-methyl]-8-oxo-5-oxa-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid disodium salt	2071	[2S-(2α,5α,6β)]-6-[(Carboxyphenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid disodium salt	1908
(E)-p-[[[3-Carboxy-4-hydroxyphenyl]azo]hippuric acid	617	[2S-(2α,5α,6β)]-6-[(Carboxyphenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid phenyl	1910
		(S)-2-[(S)-N-[(S)-1-Carboxy-2-phenylpropyl]alanyl]-2-azabicyclo[2.2.2]octane-3-carboxylic acid	56
		4-Carboxy-4-(N-phenylpropionamido)-1-piperidine-propionic acid dimethyl ester	456
		4-Carboxy-4-(N-phenylpropionamido)-1-piperidine-propionic acid dimethyl ester monohydrochloride	457
		(2S,3aR,7aS)-1-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]hexahydro-2-indoline-carboxylic acid	52, 4440
		(2S,3aR,7aS)-1-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]hexahydro-2-indolinecarboxylic acid 1-ethyl ester	51, 4439
		(S)-3-[N-[(S)-1-Carboxyl-3-phenylpropyl]-L-alanyl]-1-methyl-2-oxoimidazoline-4-carboxylic acid	29, 4284
		(2S,3aS,6aS)-1-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]octahydrocyclopenta[b]-pyrrole-2-carboxylic acid	42, 4393
		(3S)-2-[(2S)-N-[(1S)-1-Carboxy-2-phenylpropyl]	

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alanyl]-2-azabicyclo[2.2.2]octane-3-carboxylic acid 1-ethyl ester	55	monohydrate	16, 4192
(8S)-7-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,4-dithia-7-azaspiro[4.4]nonane-8-carboxylic acid	46, 4411	1-[N ² [(S)-1-Carboxy-3-phenylpropyl]-L-lysyl]-L-proline dihydrate	31, 4302
(8S)-7-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,4-dithia-7-azaspiro[4.4]nonane-8-carboxylic acid 1-ethyl ester	44, 4409	(6 α ,11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione	8695, 8697
(8S)-7-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,4-dithia-7-azaspiro[4.4]nonane-8-carboxylic acid 1-ethyl ester monohydrochloride	45, 4410	(11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione	8684, 8687, 8710
1-[N-[(S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-L-proline 1'-ethyl ester	19, 4222	(11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione monohydrate	8685
1-[N-[(S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-L-proline 1'-ethyl ester maleate (1:1)	20, 4223	(11 β)-21-(3-Carboxy-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione monosodium salt	8713
1-[N-[(S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-L-proline dihydrate	21, 4224	(6R-trans)-1-[[2-Carboxy-8-oxo-7[(2-thienyl acetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]-methyl]pyridinium inner salt	2018
(3S)-2-[(2S)-N-[(1S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylic acid 2 ethyl ester	4329	2-[(3-Carboxypropyl)thio]-4-methyl-5-thiazole-acetic acid	8432
(3S)-2-[(2S)-N-[(1S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylic acid 2-ethyl ester	32	(3-Carboxypropyl)trimethylammonium chloride methyl ester	7597
(3S)-2-[(2S)-N-[(1S)-1-Carboxy-3-phenylpropyl]-L-alanyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylic acid 2-ethyl ester hydrochloride	33, 4330	3-carboxypyridine N-oxide	4076
(S)-2-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid 1-ethyl ester	39, 4389	[2S-(2 α ,5 α ,6 β)]-6-[(3-Carboxy-2-quinoxaliny)-carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2123
(S)-2-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid 1-ethyl ester monohydrochloride	40, 4390	[2S-(2 α ,5 α ,6 β)]-6-[(Carboxy-3-thienylacetyl)amino]-6-methoxy-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2146
(S)-2-[(S)-N-[(S)-1-Carboxy-3-phenylpropyl]alanyl]-1,2,3,4-tetrahydro-3-isoquinolinecarboxylic acid	41, 4391	[3-(3-Carboxy-2,2,3-trimethylcyclopentane-carboxamido)-2-methoxypropyl] (hydrogen mercaptoacetato)mercury	7886
(3S)-3-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid	13, 4135	[3-(3-Carboxy-2,2,3-trimethylcyclopentane-carboxamido)-2-methoxypropyl] (hydrogen mercaptoacetato)mercury disodium salt	7887
(3S)-3-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid 3-ethyl ester	11, 4133	carboxyterfenadine	3929
(3S)-3-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepine-1-acetic acid 3-ethyl ester hydrochloride	12, 4134	[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Carboxy-3-thienyl-acetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2150
(+)-(2S,6R)-6-[[[(1S)-1-carboxy-3-phenylpropyl]amino]tetrahydro-5-oxo-2-(2-thienyl)-1,4-thiazepine-4(5H)-acetic acid	49, 4420	[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Carboxy-3-thienyl-acetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid disodium salt	2153
(+)-(2S,6R)-6-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]tetrahydro-5-oxo-2-(2-thienyl)-1,4-thiazepine-4(5H)-acetic acid 6-ethyl ester	47, 4418	[2S-[2 α ,5 α ,6 β (S*)]]-6-[(Carboxy-3-thienyl-acetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monosodium salt	2154
(+)-(2S,6R)-6-[[[(1S)-1-Carboxy-3-phenylpropyl]amino]tetrahydro-5-oxo-2-(2-thienyl)-1,4-thiazepine-4(5H)-acetic acid 6-ethyl ester monohydrochloride	48, 4419	1-Carboxy-N,N,N-trimethylmethanaminium chloride	8342
(1S,9S)-9-[[[(S)-1-Carboxy-3-phenylpropyl]amino]-octahydro-10-oxo-6H-pyridazino[1,2-a][1,2]diazepine-1-carboxylic acid 9-ethyl ester		1-Carboxy-N,N,N-trimethylmethanaminium hydroxide inner salt compound with 2,2,2-trichloro-1,1-ethanediol (1:1)	9324
		1-Carboxy-N,N,N-trimethylmethanaminium inner salt	8341
		1-Carboxy-N,N,N-trimethylmethanaminium sodium aspartate	8343
		4-[o-[(E)-2-Carboxyvinyl]phenyl]-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid 4-tert-butyl diethyl ester	4297, 7324

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4-[o-[(E)-2-Carboxyvinyl]phenyl]-2-[(dimethylamino) methyl]-,1,4-dihydro-6-methyl-3,5-pyridine-carboxylic acid 4-tert-butyl diethyl ester monohydrochloride	7363	Cardosan	9762
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(+)-N-(o-Chlorobenzyl)- α -methylphenethylamine	1053	7-Chloro-5-(o-chlorophenyl)-1,3-dihydro-3-hydroxy-2H-1,4-benzodiazepin-2-one	6750
(+)-N-(o-Chlorobenzyl)- α -methylphenethylamine hydrochloride	1054	7-Chloro-5-(o-chlorophenyl)-1,3-dihydro-3-hydroxy-2H-pyrido[3,2-e]-1,4-diazepin-2-one	6748, 9387
(+)-(R)-3-[p-[(m-Chlorobenzyl)oxy]phenyl]-5-[(methylamino)methyl]-2-oxazolidinone	8748	7-Chloro-5-(o-chlorophenyl)-2,3-dihydro-1-methyl-1H-1,4-benzodiazepine-2-methanol	6813
[1-[1-[o-[(m-Chlorobenzyl)oxy]phenyl]vinyl]imidazole	3665	6-Chloro-2-(p-chlorophenyl)-N,N-dipropylimidazo[1,2-a]pyridine-3-acetamide	6672
[1-[1-[o-[(m-Chlorobenzyl)oxy]phenyl]vinyl]imidazole hydrochloride	3666	8-Chloro-6-(o-chlorophenyl)-1-methyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine	9457
7-[3-[4-(p-Chlorobenzyl)-1-piperazinyl]propoxy]-3,4-dimethylcoumarin	1285	8-Chloro-6-(o-chlorophenyl)-1-methyl-4H-imidazo[1,5-a][1,4]benzodiazepine	873
7-[3-[4-(p-Chlorobenzyl)-1-piperazinyl]propoxy]-3,4-dimethylcoumarin dihydrochloride	1286	10-Chloro-11b-(o-chlorophenyl)-2,3,7,11b-tetrahydro-3-methyloxazolo[3,2-d][1,4]benzodiazepin-6(5H)-one	6766
4-(p-Chlorobenzyl)-1,4,6,7-tetrahydro-6,6-dimethyl-9H-imidazo[1,2-a]purin-9-one	7173	10-Chloro-11b-(o-chlorophenyl)-2,3,7,11b-tetrahydro-oxazolo[3,2-d][1,4]benzodiazepin-6(5H)-one	6704
4-(p-Chlorobenzyl)-1,4,6,7-tetrahydro-6,6-dimethyl-9H-imidazo[1,2-a]purin-9-one monohydrochloride monohydrate	7174	(E)-3-Chloro-6-(4-cinnamyl-1-piperazinyl)pyridazine chlorocizin	640 9729
5-(o-Chlorobenzyl)-4,5,6,7-tetrahydrothieno[3,2-c]pyridine	6350	Chlorocresol	6038
5-(o-Chlorobenzyl)-4,5,6,7-tetrahydrothieno[3,2-c]pyridine hydrochloride	6351	4-Chloro-m-cresol	6038
2-[(4'-Chloro-4-biphenyl)methoxy]-2-methyl propionic acid	1709	6-chloro-m-cresol	6038
6-Chloro-1 α ,2 α :16 α ,17-bismethylene-4,6-pregnadiene-3,20-dione	9091	N,N'-(2-Chloro-5-cyano-m-phenylene)-dioxamic acid	1269, 1764
Chlorocain	971	N,N'-(2-Chloro-5-cyano-m-phenylene)-dioxamic acid compound with 2-amino-2-(hydroxymethyl)-1,3-propanediol	1271, 1766
3-chlorocarpipramine	5724	7-Chloro-5-(1-cyclohexen-1-yl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one	6773
Chlorocid	1870, 5981	7-Chloro-5-(cyclohexen-1-yl)-1,3-dihydro-1-methyl-2H-1,4-benzodiazepin-2-one	8920
($\pm$)-1-[o-Chloro- α -(5-chloro-2-benzofuranyl)-benzyl]imidazole	3636	5-Chloro-N-[2-[4-[[[(cyclohexylamino)carbonyl]-amino]sulfonyl]phenyl]ethyl]-2-methoxybenzamide	3314, 3329, 3333, 3335 3343, 3382, 3388
5-Chloro-1-[1-[3-(5-chloro-2,3-dihydro-2-oxo-1-benzimidazoliny]propyl]-4-piperidyl]-2-benzimidazolinone	3549	3-(3-Chloro-4-cyclohexylbenzoyl)propionic acid	4558
3-[5-Chloro- α (p-chloro- β -hydroxyphenethyl)-2-thenyl]-4-hydroxycoumarin	2900	6-Chloro-5-cyclohexyl-1-indancarboxylic acid	4573, 5922
6-Chloro-3-(chloromethyl)-3,4-dihydro-2-methyl-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4313, 7894	6-Chloro-2-cyclohexyl-3-oxo-5-isindoline-sulfonamide	7861
6-Chloro-3-(chloromethyl)-3,4-dihydro-2-methyl-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	7894	6-Chloro-3-(cyclopentylmethyl)-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4203, 7862
3-Chloro-4-(3-chloro-2-nitrophenyl)pyrrole	3749	7-Chloro-1-[2-(cyclopropylmethoxy)ethyl]-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one	6741
5-Chloro-4[2-(p-chlorophenoxy)acetamido]-N-[2-(diethylamino)ethyl]-o-anisamide	1257	7-Chloro-2-[(cyclopropylmethyl)amino]-5-phenyl-3H-1,4-benzodiazepin-3-oxide	9342
($\pm$)-4-Chloro-5-[[2-[[3-(o-chlorophenoxy)-2-hydroxypropyl]amino]ethyl]amino]-3(2H)-pyridazinone	7071	7-Chloro-1-(cyclopropylmethyl)-1,3-dihydro-5-	

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phenyl-2H-1,4-benzodiazepin-2-one	6793, 9427	5-Chloro-7-[[[3-(diethylamino)propyl]amino]-methyl]-8-quinolinol	1323
7-Chloro-1-(cyclopropylmethyl)-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one	6727	5-Chloro-7-[[[3-(diethylamino)propyl]amino]-methyl]-8-quinolinol dihydrochloride	1324
21-chloro-11-dehydrobetamethasone	4819, 8623	2-Chloro-10-(3-diethylaminopropyl)-phenothiazine	5716, 8823
2-Chloro-2'-deoxyadenosine	5079	2-Chloro-10-(3-diethylaminopropyl)-phenothiazine hydrochloride	5717, 8824
2-[(8-Chlorodibenzo[b,f]thiepin-10-yl)oxy]-N,N-dimethylethylamine	5894	21-Chloro-6 α ,9-difluoro-11 β ,17-dihydroxy-16 β -methylpregna-1,4-diene-3,20-dione	4860
1-[8-Chlorodibenz[b,f][1,4]oxazepin-10(11H-yl)carbonyl]-2-(5-chlorovaleryl)hydrazine	719	(6 α ,11 β ,16 β)-21-Chloro-6,9-difluoro-11-hydroxy-16-methy-17-(1-oxopropoxy)pregna-1,4-diene-3,20-dione	4861
(Z)-4-[3-(2-Chlorodibenz[b,e]oxepin-11-(6H)-ylidene)propyl]-1-piperazineethanol	5829	(6 α ,11 β ,16 α)-2-Chloro-6,9-difluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione	4862
(Z)-4-[3-(2-Chlorodibenz[b,e]oxepin-11-(6H)-ylidene)propyl]-1-piperazineethanol dihydrochloride	5830	2-Chloro-6 α ,9-difluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione	5644
($\pm$)-1-[p-Chloro- β -[(2,6-dichlorobenzyl)oxy]phenethyl]imidazole	3733	6-Chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4277, 7877
($\pm$)-1-[p-Chloro- β -[(2,6-dichlorobenzyl)oxy]phenethyl]imidazole mononitrate	3734	($\pm$)-1'-[3-(3-Chloro-10,11-dihydro-5H-dibenz[b,f]azepine-5-yl)propyl]hexahydrospiro[imidazo[1,2-a]pyridine-3(2H),4'-piperidin]-2-one	5805
6-Chloro-3-(dichloromethyl)-3,4-dihydro-2H-1,2,4-thiadiazine-7-sulfonamide 1,1-dioxide	4442, 7938	($\pm$)-1'-[3-(3-Chloro-10,11-dihydro-5H-dibenz[b,f]azepine-5-yl)propyl]hexahydrospiro[imidazo[1,2-a]pyridine-3(2H),4'-piperidine]-2-one dihydrochloride	5806
5-Chloro-2-(2,4-dichlorophenoxy)phenol	6158	4'-Chloro-2-[[3-(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)propyl]methylamino]acetophenone	3171
5-Chloro-N-(3,4-dichlorophenyl)-2-hydroxybenzamide	6156	4'-Chloro-2-[[3-(10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)propyl]methylamino]acetophenone monohydrochloride	3172
5-Chloro-2',3'-dideoxy-3'-fluorouridine	6629	1'-[3-(3-Chloro-10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)propyl][1,4'-bipiperidine]-4'-carboxamide	5724
5-Chloro-2-[p-(2-diethylaminoethoxy)phenyl]-benzothiazole	3692	1'-[3-(3-Chloro-10,11-dihydro-5H-dibenz[b,f]azepin-5-yl)propyl][1,4'-bipiperidine]-4'-carboxamide dihydrochloride monohydrate	5725
2'-Chloro-2-[[2-(diethylamino)ethyl]ethylamino]-acetanilide	928	(+)-(S)-8-Chloro-5-(2,3-dihydrobenzofuran-7-yl)-7-hydroxy-3-methyl-2,3,4,5-tetrahydro-1H-3-benzazepine	8003
7-Chloro-1-(2-diethylaminoethyl)-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one	2940, 9368	1-(8-Chloro-10,11-dihydrodibenzo[b,f]thiepin-10-yl)-4-methylpiperazine	5735
7-Chloro-1-(2-diethylaminoethyl)-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one dihydrochloride	2941, 9369	11-Chloro-8,12b-dihydro-2,8-dimethyl-12b-phenyl-4H-[1,3]-oxazino[3,2-d][1,4]benzodiazepine-4,7(6H)dione	6745
7-Chloro-1-[2-(diethylamino)ethyl]-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one	8851	5-Chloro-2,3-dihydro-2,2-dimethyl-N-1 α H,5 α H-tropan-3 α -yl-7-benzofuran-carboxamide maleate (1:1)	4994
7-Chloro-1-[2-(diethylamino)ethyl]-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one dihydrochloride	8852	5-Chloro-2,3-dihydro-2,2-dimethyl-N-1 α H,5 α H-tropan-3 α -yl-7-benzofuran-carboxamide	4993
6-Chloro-9-[[4-(diethylamino)-1-methylbutyl]amino]-2-methoxyacridine	1214, 4930, 4932	6-Chloro-3,4-dihydro-3-(p-fluorobenzyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4354, 7909
6-Chloro-9-[[4-(diethylamino)-1-methylbutyl]amino]-2-methoxyacridine dihydrochloride dihydrate	1215, 4931	6-Chloro-1 β ,2 β -dihydro-17-hydroxy-3'H	
6-Chloro-9-[[4-(diethylamino)-1-methylbutyl]amino]-2-methoxyacridine monomethanesulfonate monohydrate	1216		
7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]-quinoline	1317, 1706, 4900, 8603		
7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]quinoline dihydrochloride	1318, 1707, 4901		
7-Chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]-quinoline diphosphate	1319, 1708, 4902, 8604		
2'-Chloro-2-[2-[(diethylamino)methyl]imidazol-1-yl]-5-nitrobenzophenone	8998		
2'-Chloro-2-[2-[(diethylamino)methyl]imidazol-1-yl]-5-nitrobenzophenone fumarate	8999		
2-Chloro-10-(3-diethylaminopropionyl)-phenothiazine	9729		

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cyclopropa[1,2]-pregna-1,4,6-triene-3,20-dione	1236, 1305	7-Chloro-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one 4-oxide	6709
6-Chloro-1 β ,2 β -dihydro-17-hydroxy-3'H-cyclopropa[1,2]-pregna-1,4,6-triene-3,20-dione acetate	1237, 1306	7-Chloro-1,3-dihydro-5-phenyl-1-(2-propynyl)-2H-1,4-benzodiazepin-2-one	6788
7-Chloro-1,3-dihydro-3-hydroxy-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one	6808, 9449	7-Chloro-1,3-dihydro-5-phenyl-1-(2,2,2-trifluoroethyl)-2H-1,4-benzodiazepin-2-one	6736, 9374
7-Chloro-1,3-dihydro-3-hydroxy-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one dimethylcarbamate (ester)	6688	6-Chloro-3,4-dihydro-3-(trichloromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4416, 7927
7-Chloro-1,3-dihydro-3-hydroxy-5-phenyl-2H-1,4-benzodiazepin-2-one	6778	6-Chloro-3,4-dihydro-3-(trichloromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide potassium salt	4417, 7928
7-Chloro-1,3-dihydro-3-hydroxy-5-phenyl-2H-1,4-benzodiazepin-2-one pivalate (ester)	6791	6-Chloro-3,4-dihydro-3-[(2,2,2-trifluoroethyl)thio]methyl]-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4228, 7865
7-Chloro-2,3-dihydro-1H-inden-4-ol	9989	(6 α)-Chloro-17,21-dihydroxypregna-1,4-diene-3,11,20-trione	8617
6-Chloro-3,4-dihydro-3-isobutyl-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4166, 7846	(6 α)-Chloro-17,21-dihydroxypregna-1,4-diene-3,11,20-trione 21-acetate	8618
7-Chloro-3,3a-dihydro-2H,9H-isoxazolo[3,2-b][1,3]benzoxazin-9-one	9660	6-Chloro-3 β ,17-dihydroxypregna-4,6-dien-20-one	9073
7-Chloro-3,3a-dihydro-2-methyl-2H,9H-isoxazolo[3,2-b][1,3]benzoxazin-9-one	4679, 4758	6-Chloro-3 β ,17-dihydroxypregna-4,6-dien-20-one diacetate	9074
7-Chloro-2,3-dihydro-1-methyl-5-phenyl-1H-1,4-benzodiazepine	6758	7-Chloro-1-(2,3-dihydroxypropyl)-5-(o-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one	6796
7-Chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one	6712, 8837, 9347	4'-Chloro-3,5-dimethoxy-4-(2-morpholinoethoxy)benzophenone	6422
7-Chloro-2,3-dihydro-2-oxo-5-phenyl-1H-1,4-benzodiazepine-3-carboxylic acid	6702	6-Chloro-2,3-dimethoxy-1,4-naphthalenediol diacetate	5675
7-Chloro-2,3-dihydro-1-methyl-5-phenyl-1H-1,4-benzodiazepine monohydrochloride	6759	(-)-2-[p-Chloro- α -[2-(dimethylamino)ethoxy]benzyl]pyridine	3991
7-Chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepine-2-thione	6802	(-)-2-[p-Chloro- α -[2-(dimethylamino)ethoxy]benzyl]pyridine tartrate	3992
6-Chloro-3,4-dihydro-3-(α -methylbenzyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	3317	2-[p-Chloro- α -[2-(dimethylamino)ethoxy]benzyl]pyridine	3866
7-[(3-Chloro-6,11-dihydro-6-methyldibenzo[c,f][1,2]thiazepin-11-yl)amino]heptanoic acid S,S-dioxide	3285	2-[p-Chloro- α -[2-(dimethylamino)ethoxy]benzyl]pyridine maleate	3867
(R)-6-Chloro-1,5-dihydro-3-methylimidazo[2,1-b]quinazolin-2(3H)-one	7502	2-[p-Chloro- α -[2-(dimethylamino)ethyl]benzyl]pyridine	3878
($\pm$)-6-Chloro-3,4-dihydro-4-methyl-3-oxo-N-3-quinuclidinyl-2H-1,4-benzoxazine-8-carboxamide	3518, 9500	2-[p-Chloro- α -[2-(dimethylamino)ethyl]benzyl]pyridine maleate (1:1)	3880
($\pm$)-6-Chloro-3,4-dihydro-4-methyl-3-oxo-N-3-quinuclidinyl-2H-1,4-benzoxazine-8-carboxamide monohydrochloride	3519, 9501	2-Chloro- α -[2-(dimethylamino)-ethyl]benzhydrol	6380
8-Chloro-6,11-dihydro-11-[1-[(5-methyl-3-pyridinyl)methyl]-4-piperidinylidene]-5H-benzo[5,6]-cyclohepta[1,2b]pyridine	3993, 6340	2-Chloro- α -[2-(dimethylamino)-ethyl]benzhydrol hydrochloride	6381
6-Chloro-3,4-dihydro-2-methyl-3-[(2,2,2-trifluoromethyl)thio]methyl]-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4381, 7914	8-Chloro-11-[2-(dimethylamino)ethyl]-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine	3891
6-Chloro-3,4-dihydro-3-(5-norbornen-2-yl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4204	8-Chloro-11-[2-(dimethylamino)ethyl]-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine compound with N-acetyl glycine	3892
7-Chloro-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one	6772	7-Chloro-10-[2-(dimethylamino)ethyl]-5,10-dihydro-11H-dibenzo[b,e][1,4]-diazepin-11-one	3887
		7-Chloro-10-[2-(dimethylamino)ethyl]-5,10-dihydro-11H-dibenzo[b,e][1,4]-diazepin-11-one monohydrochloride	3888
		(+)-(2S,3S)-8-Chloro-5-[2-(dimethylamino)ethyl]-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester)	4196, 7301
		(+)-(2S,3S)-8-Chloro-5-[2-(dimethylamino)ethyl]-	

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2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) maleate (1:1)	4197, 7302	7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide mono hydrochloride	5570
p-Chloro-α-[2-(dimethylamino)-1-methylethyl]-α-methylphenyl alcohol	6382	7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-N-(hydroxymethyl)-6-methyl-1,11-dioxo-2-naphthacenecarboxamide	2542
p-Chloro-α-[2-(dimethylamino)-1-methylethyl]-α-methylphenyl alcohol hydrochloride	6383	2-Chloro-9-[3-(dimethylamino)propyl]acridan	5727
8-Chloro-1-[(dimethylamino)methyl]-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine	3017, 6670, 9281	2-Chloro-9-[3-(dimethylamino)propyl]acridan phosphate (1:1)	5726
8-Chloro-1-[(dimethylamino)methyl]-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine monomethanesulfonate	3018, 6671, 9282	3-Chloro-5-[3-(dimethylamino)propyl]-10,11-dihydro-5H-dibenz-[b,f]azepine	3066
[4S-(4α,4aα,5α,5aα,12aα)]-7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacenecarboxamide	4674, 5942	3-Chloro-5-[3-(dimethylamino)propyl]-10,11-dihydro-5H-dibenz-[b,f]azepine monohydrochloride	3067
[4S-(4α,4aα,5α,5aα,6α,12aα)]-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide calcium (2:1) (salt)	5571	(E)-9-Chloro-11-[3-(dimethylamino)propylidene]-6,11-dihydro-5H-pyrrolo[2.1-b][3]benzazepine	8887
[4S-(4α,4aα,5aα,6β,12aα)]-N ⁶ -[[[4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenyl]carbonyl]amino]methyl]-L-lysine	2550	(E)-9-Chloro-11-[3-(dimethylamino)propylidene]-6,11-dihydro-5H-pyrrolo[2.1-b][3]benzazepine maleate (1:1)	8888
7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacene carboxamide	2551	2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine	5718
7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacene carboxamide mono(5-sulfosalicylate) (salt)	2552	2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine monohydrochloride	5719
7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-1,11-dioxo-2-naphthacenecarboxamide	2543	2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine hydrochloride	3529
7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-1,11-dioxo-2-naphthacenecarboxamide hydrochloride	2544	2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine hydrochloride	3530
7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene carboxamide	1321, 2540	2-Chloro-10-[3-(dimethylamino)propyl]phenothiazine hydrochloride	6696
7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide monohydrochloride	1322	5-Chloro-1-[3(dimethylamino)propyl]-3-phenyl-2-benzimidazolinone	3063
7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide monohydrochloride	2541	5-Chloro-1-[3(dimethylamino)propyl]-3-phenyl-2-benzimidazolinone monohydrochloride [anhydrous]	3065
7-Chloro-4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide bisulfate	5569	5-Chloro-1-[3(dimethylamino)propyl]-3-phenyl-2-benzimidazolinone monohydrochloride monohydrate	3064
		4-Chloro-α,α-dimethylbenzene-ethanamine	1051, 2696, 7654
		4-Chloro-α,α-dimethylbenzene-ethanamine hydrochloride	1052, 2697, 7655
		2-Chloro-α-[[[(1,1-dimethylethyl)amino]methyl]benzenemethanol	6971, 7273
		2-Chloro-α-[[[(1,1-dimethylethyl)amino]methyl]benzenemethanol hydrochloride	6973, 7275
		o-Chloro-α,α-dimethylphenethylamine	1057, 7656
		o-Chloro-α,α-dimethylphenethylamine hydrochloride	1058, 7656
		7-Chloro-1-[(dimethylphosphinyl)methyl]-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one	9370
		4-Chloro-N-(2,6-dimethylpiperidino)-3-sulfamoylbenzamide	541, 4201, 7860
		4-Chloro-N-(2,6-dimethylpiperidino)-3-sulfamoylbenzamide lysine salt	542
		2-Chloro-5-[(cis-3,5-dimethylpiperidino)sulfonyl]benzoic acid	4097
		N ¹ -(5-Chloro-2,6-dimethyl-4-pyrimidinyl)-	

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sulfanilamide	2455	5-(2-Chloroethyl)-4-methylthiazole edisylate	2920
(Z)-2-Chloro-N,N-dimethylthioxanthene- δ^9 -propylamine	5720	5-(2-Chloroethyl)-4-methylthiazole ethanedisulfonate	9334
1-(o-Chloro- α,α -di[phenylbenzyl]imidazole	3662	5-(2-Chloroethyl)-4-methylthiazole hydrochloride	9335
2-[p-[(Z)-4-Chloro-1,2-diphenyl-1-butenyl]phenoxy]-N,N-dimethylethylamine	3619	1-Chloro-3-ethyl-1-penten-4-yn-3-ol	9360
2-[p-[(Z)-4-Chloro-1,2-diphenyl-1-butenyl]phenoxy]-N,N-dimethylethylamine citrate	3620	1-(2-Chloroethyl)-3-neopentyl-1-nitrosourea	5277
2-[4-(2-Chloro-1,2-diphenylethenyl)phenoxy]-N,N-diethylethanamine	8224	chloroethylphenamide	2912
2-[4-(2-Chloro-1,2-diphenylethenyl)phenoxy]-N,N-diethylethanamine citrate	8225	3-[p-(2-Chloroethyl)- α -propylbenzyl]-4-hydroxycoumarin	2871
2-[p-(2-Chloro-1,2-diphenylvinyl)phenoxy]triethylamine	3604	5-Chloro-N ¹ -[(1-ethyl-2-pyrrolidinyl)methyl]-2-methoxy	
(E)-2-[p-(2-Chloro-1,2-diphenylvinyl)phenoxy]triethylamine	3608	sulfanylzamide	3173, 3174, 3555, 5784, 5785
(Z)-2-[p-(2-Chloro-1,2-diphenylvinyl)phenoxy]triethylamine	8237	2-[[3-(2-Chloroethyl)tetrahydro-2H-1,3,2-oxazaphosphorin-2-yl]amino]ethanol	
2-[p-(2-Chloro-1,2-diphenylvinyl)phenoxy]triethylamine citrate (1:1)	3605	methanesulfonate (ester)	5328, 8460
Chloroethane	949	N,N,3-Tris(2-chloroethyl)tetrahydro-2H-1,3,2-oxazaphosphorin-2-amine 2-oxide	5363
1,1',1(1-Chloro-1-ethenyl-2-ylidene)tris[4-methoxybenzene]	8108	7-Chloro-2-ethyl-1,2,3,4-tetrahydro-4-oxo-6-quinzaolinesulfonamide	4392, 7919
3-(2-Chloroethoxy)-9-fluoro-11 β ,16 α ,17,21-tetrahydroxy-20-oxopregna-3,5-diene-6-carbonitrile cyclic 16,17-acetal with acetone	8619	2-chloroflumethasone	4862, 5644
1,6-bis-[(2-Chloroethyl)amino]-1,6-dideoxy-D-mannitol hydrochloride	5201	5-Chloro-1-[3-[4-(p-fluorobenzoyl)piperidino]propyl]-2-benzimidazolinone	5799
6-Chloro-2-(ethylamino)-4-methyl-4-phenyl-4H-3,1-benzoxazine	6719	(11 β ,16 β)-21-Chloro-9-fluoro-11,17-dihydroxy-16-methylpregna-1,4-diene-3,20-dione	4817, 8621
6-Chloro-2-(ethylamino)-4-methyl-4-phenyl-4H-3,1-benzoxazine hydrochloride	6720	(11 β ,16 β)-21-Chloro-9-fluoro-11,17-dihydroxy-16-methylpregna-1,4-diene-3,20-dione	
3-(2-Chloroethyl)-2-[(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide	5165	17-propionate	4818, 8622
3-(2-Chloroethyl)-2-[(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide	5170	9-Chloro-6 α -fluoro-11 β ,21-dihydroxy-16 α -methylpregna-1,4-diene-3,20-dione	8625
3-(2-Chloroethyl)-2-[(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorine 2-oxide	5237	(6 α ,11 β ,16 α)-9-Chloro-6-fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione	8626
Chloroethylcyclohexyl nitrosourea	5194	(6 α ,11 β ,16 α)-9-Chloro-6-fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-acetate	8627
N-(2-Chloroethyl)-N ¹ -cyclohexyl-N-nitrosourea	5071, 5194	(11 β ,16 α)-21-Chloro-9-fluoro-11-hydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregn-4-ene-3,20-dione	4859
6-Chloro-3-ethyl-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4231, 7868	7-Chloro-5-(o-fluorophenyl)-1,3-dihydro-1-(2,2,2-trifluoroethyl)-2H-1,4-benzodiazepine-2-thione	9433
2-(2-Chloroethyl)-2,3-dihydro-4H-1,3-benzoxazin-4-one	532, 5920	7-Chloro-5-(o-fluorophenyl)-1,3-dihydro-1-methyl-2H-1,4-benzodiazepine-2-one	6724
3-(2-Chloroethyl)-3,4-dihydro-4-oxoimidazo[5,1-d]-as-tetrazine-8-carboxamide	5240	7-Chloro-5-(o-fluorophenyl)-1,3-dihydro-3-hydroxy-1-(2-hydroxyethyl)-2H-1,4-benzodiazepine-2-one	9352
1-(2-Chloroethyl)-3-[2-(dimethylsulfamoyl)ethyl]-1-nitrosourea	5336	7-Chloro-5-(o-fluorophenyl)-2,3-dihydro-1-(2,2,2-trifluoroethyl)-1H-1,4-benzodiazepine	8849
(-)-(S)-5-Chloro-3-ethyl-N-[(1-ethyl-2-pyrrolidinyl)methyl]-6-methoxysalicylamide	4234	7-Chloro-5-(o-fluorophenyl)-2,3-dihydro-3-hydroxy-2-oxo-1H-1,4-benzodiazepine-1-propionitrile	9332
1-(2-Chloroethyl)-3-(2-hydroxyethyl)-1-nitrosourea	5123	8-Chloro-6-(o-fluorophenyl)-1-methyl-4H-imidazo[1,5-a][1,4]-benzodiazepine	884
N-(2-Chloroethyl)-N-(1-methyl-2-phenoxyethyl)benzylamine	5530	8-Chloro-6-(o-fluorophenyl)-1-methyl-4H-imidazo[1,5-a][1,4]-benzodiazepine hydrochloride	885
N-(2-Chloroethyl)-N-(1-methyl-2-phenoxyethyl)benzylamine hydrochloride	5531	8-Chloro-6-(o-fluorophenyl)-1-methyl-4H-imidazo[1,5-a][1,4]-benzodiazepine maleate	886
1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea	5314	4-Chloro-N-(endo-hexahydro-4,7-methano-isindolin-2-yl)-3-sulfamoylbenzamide	4447, 7940
5-(2-Chloroethyl)-4-methylthiazole	2919, 9333		

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(±)-(4aR*,10R*,10aS*)-8-Chloro-1,2,3,4,10,10a-hexahydro-2-methyl-4a,10-(iminoethano)-4aH-[1]benzopyrano[3,2-c]pyridin-12-one	3175	7-methyl-2,4-octadienoyl)-(S)-asparaginy-(2S,3S)-3-hydroxyasparaginy-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)-(S)-phenylalanyl-glycyl-(2S,3S)-allothreonyl-(S)-phenylalanyl-(R)-ornithyl-(S)-2-[p-[(2-O-α-D-mannopyranosyl-α-D-mannopyranosyl(oxy)phenyl)glycyl-(2R,3R)-allothreonyl-(S)-2-(p-(hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl)glycine γ ₁ -lactone	2347
(16β)-21-Chloro-9-fluoro-17-hydroxy-16-methylpregna-1,4-diene-3,11,20-trione	4819, 8623	(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N ² -[(2Z,4Z)-7-methyl-2,4-octadienoyl)-(S)-asparaginy-(2S,3S)-3-hydroxyasparaginy-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)glycyl-(2S,3S)-allothreonyl-(S)-phenylalanyl-(R)-ornithyl-(S)-2-[p-(α-D-mannopyranosyloxy)phenyl)glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl)glycine γ ₁ -lactone	2348
(16β)-21-Chloro-9-fluoro-17-hydroxy-16-methylpregna-1,4-diene-3,11,20-trione 17-butyrate	4820, 8624	(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N ² -[(2Z,4Z)-8-methyl-2,4-nonadienoyl)-(S)-asparaginy-(2S,3S)-3-hydroxyasparaginy-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)glycyl-(2S,3S)-allothreonyl-(S)-phenylalanyl-(R)-ornithyl-(S)-2-[p-(α-D-mannopyranosyloxy)phenyl)glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl)glycine γ ₁ -lactone	2350
[2S-[2α,5α,6β(S*)]-6-[[[3-(2-Chloro-6-fluorophenyl)-5-methyl-4-isoxazolyl]carbonyl]-amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2045	(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N ² -[(2Z,4Z)-8-methyl-2,4-nonadienoyl)-(S)-asparaginy-(2S,3S)-3-hydroxyasparaginy-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)glycyl-(2S,3S)-allothreonyl-(S)-phenylalanyl-(R)-ornithyl-(S)-2-[p-(α-D-mannopyranosyloxy)phenyl)glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl)glycine γ ₁ -lactone	2349
[2S-[2α,5α,6β(S*)]-6-[[[3-(2-Chloro-6-fluorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt	2046	(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N ² -[(2Z,4Z)-2,4-octadienoyl)-(S)-asparaginy-(2S,3S)-3-hydroxyasparaginy-(R)-2-(p-hydroxyphenyl)glycyl-(R)-ornithyl-(2R,3R)-allothreonyl-2-(p-hydroxyphenyl)glycyl-2-(p-hydroxyphenyl)glycyl-(2S,3S)-allothreonyl-(R)-ornithyl-(S)-2-[p-(α-D-mannopyranosyloxy)phenyl)glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl)glycine γ ₂ -lactone	2346
10-Chloro-11b-(o-fluorophenyl)-2,3,7,11b-tetrahydro-oxazolo[3,2-d][1,4]benzodiazepin-6(5H)-one	6726		
4-Chloro-N-furfuryl-5-sulfamoylanthranlic acid	4249, 7874		
5'-Chloro-2-[p-[(5-isobutyl-2-pyrimidinyl)-sulfamoyl]phenyl]-o-acetaniside	3346		
5'-Chloro-2-[p-[(5-isobutyl-2-pyrimidinyl)-sulfamoyl]phenyl]-o-acetaniside monosodium salt	3347		
4-Chloro-N-methyl-3-(methylsulfamoyl)benzamide	7863		
2-Chloro-10-[3-(hexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl)propionyl]phenothiazine	9719		
2-Chloro-10-[3-(hexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl)propionyl]phenothiazine dihydrochloride	9720		
chloroguanide	4898		
4-Chloro-17β-hydroxyandrost-4-en-3-one	250		
2α-Chloro-17β-hydroxy-5α-androstan-3-one O-(p-nitrophenyl)oxime acetate (ester)	827,		
(5R*)-5-[(αS*)-o-Chloro-α-hydroxybenzyl]-4-methoxy-2(5H)furanone	2955		
2-Chloro-5-[4-hydroxy-3-methyl-2-(methyl-imino)-4-thiazolidinyl]benzenesulfonamide	7935		
6-Chloro-4-hydroxy-2-methyl-N-2-pyridyl-2H-thieno[2,3-e]-1,2-thiazine-3-carboxamide 1,1-dioxide	641, 4667		
(±)-2-Chloro-4-(1-hydroxyoctadecyl)benzoic acid	1724		
(+)-6-Chloro-17-hydroxy-2-oxapregna-4,6-diene-3,2-dione	5547		
(+)-6-Chloro-17-hydroxy-2-oxapregna-4,6-diene-3,2-dione acetate (ester)	5548		
2-Chloro-5-(1-hydroxy-3-oxo-1H-isoindolinyl)benzenesulfonamide	4186		
2-Chloro-5-(1-hydroxy-3-oxo-1H-isoindolinyl)benzenesulfonamide	7855		
6-Chloro-17α-hydroxy-16α-methylpregna-4,6-diene-3,20-dione	9075		
6-Chloro-17α-hydroxy-16α-methylpregna-4,6-diene-3,20-dione acetate	9076		
Chloro(o-hydroxyphenyl)mercury	6093		
(S)-2-(3-Chloro-4-hydroxyphenyl)-N-[N ² -[(2Z,4Z)-			

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(R)-ornithyl-(S)-2-[p-[(2-O- α -D-mannopyranosyl- α -D-mannopyranosyl)oxy]phenyl]glycyl-(2R,3R)-allothreonyl-(S)-2-(p-hydroxyphenyl)glycylglycyl-(S)-leucyl-(R)-alanyl]glycine- γ_1 -lactone	2345	cis-5-Chloro-2-methoxy-4-(methylamino)-N-[2-methyl-2-(phenylmethyl)-3-pyrrolidinyl]benzamide	5811
6-Chloro-17 α -hydroxy-19-norpregna-4,6-diene-3,20-dione	9067	4-[6-(2-Chloro-4-methoxyphenoxy)hexyl]-3,5-heptanedione	6558
6-Chloro-17 α -hydroxy-19-norpregna-4,6-diene-3,20-dione acetate	9068	6-(2-Chloro-4-methoxyphenoxy)hexyl phosphonic acid diethyl ester	6597
6-Chloro-17 α -hydroxypregna-4,6-diene-3,20-dione acetate	9071	4-[p-Chloro-N-(p-methoxyphenyl)benzamido]butyric acid	7554
6-Chloro-17-hydroxypregna-1,4,6-triene-3,20-dione	3606	4'-Chloro-5-methoxyvalerophenone (E)-O-(2-aminoethyl)oxime	3069
6-Chloro-17-hydroxypregna-1,4,6-triene-3,20-dione acetate	3607	4-C-32	6351
21-Chloro-17-hydroxy-19-nor-17 α -pregna-4,9-dien-20-yn-3-one	9086	4-Chloro-2-(methylamino)-6-(4-methyl-1-piperazinyl)-5-(methylthio)pyridimidine	7999
6-Chloro-17 α -hydroxypregna-1,4,6-triene-3,20-dione	9077	7-Chloro-2-(methylamino)-5-phenyl-3H-1,4-benzodiazepin 4-oxide	6693, 9328
6-Chloro-17 α -hydroxypregna-1,4,6-triene-3,20-dione acetate	9078	7-Chloro-2-(methylamino)-5-phenyl-3H-1,4-benzodiazepin 4-oxide hydrochloride	6694, 9329
6 α -Chloro-17-hydroxyprogesterone	8143	7-Chloro-3-methyl-2H-1,2,4-benzothiadiazine 1,1-dioxide	4212
(Z)-5-Chloro-3-(α -hydroxy-2-thenylidene)-2-oxo-1-indolinecarboxamide	4770	1-(4-Chloro-2-methylbenzyl)-1H-indazole-3-carboxylic acid	9995
(Z)-5-Chloro-3-(α -hydroxy-2-thenylidene)-2-oxo-1-indolinecarboxamide monosodium salt	4771	($\pm$)-6-Chloro- α -methylcarbazole-2-acetic acid	3838
4-Chloro-5-(2-imidazolin-2-ylamino)-6-methoxy-2-methylpyrimidine	142, 4336	S-(Chloromethyl) 6 α ,9-difluoro-11 β ,17-dihydroxy-16 α -methyl-3-oxoandrosta-1,4-diene-17 β -carbothioate	4821
4-Chloro-5-(2-imidazolin-2-ylamino)-6-methoxy-2-methylpyrimidine hydrochloride	143, 4337	S-(Chloromethyl) 6 α ,9-difluoro-11 β ,17-dihydroxy-16 α -methyl-3-oxoandrosta-1,4-diene-17 β -carbothioate 17-propionate	4822
5-Chloro-4-(2-imidazolin-2-ylamino)-2,1,3-benzothiadiazole	8925	($\pm$)-6-Chloro- α -methyl-9H-carbazole-2-acetic acid	4568
5-Chloro-4-(2-imidazolin-2-ylamino)-2,1,3-benzothiadiazole monohydrochloride	8926	(S)-N-[2-[[1-(Chloromethyl)-1,6-dihydro-8-methyl-5-[[[(phenylamino)carbonyl]oxy]benzo[1,2-b;4,3-b']dipyrrol-3(2H)-yl]carbonyl]-1H-indol-5-yl]-6-diethylamino)-2-benzofuran-carboxamide	5070
($\pm$)-5-(m-Chloro- α -imidazol-1-ylbenzyl)benzimidazole fumarate (2:3)	5674	2-Chloro-6-methylergoline-8 β -acetonitrile	9141
($\pm$)-5-(m-Chloro- α -imidazol-1-ylbenzyl)benzimidazole monohydrochloride	5190	2-Chloro-6-methylergoline-8 β -acetonitrile monomethanesulfonate	9142
5-Chloro-3-(1-imidazol-1-ylethyl)-1,2-benzisoxazole monohydrochloride	3013	3'-Chloro- α -[methyl[(morpholinocarbonyl)methyl]amino]-o-benzotoluidide	6405, 9250
4-Chloro-2,2'-iminodibenzoic acid	1722	3'-Chloro- α -[methyl[(morpholinocarbonyl)methyl]amino]-o-benzotoluidide hydrochloride	6406, 9251
chloroiodoquin	6082	4-Chloro-N-(2-methyl-1-indoliny)-3-sulfamoylbenzamide	4285, 7880
5-Chloro-7-iodo-8-quinolinol	1325	8-Chloro-1-methyl-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine	6673, 9286
5-Chloro-7-iodoquinolin-8-ol	6082	(Z)-2-Chloro-10-(4-methyl-1-piperazinyl)-5H-dibenzo[a,d]cycloheptene- $\Delta^{5,a}$ -acetonitrile	5852
o-Chloro- α -[(isopropylamino)methyl]benzyl alcohol	6891, 6892, 7134, 7135	2-Chloro-11-(4-methyl-1-piperazinyl)dibenz[b,f][1,4]oxazepine	6753
o-Chloro- α -[(isopropylamino)methyl]benzyl alcohol hydrochloride monohydrate	6893, 7136	2-Chloro-11-(4-methyl-1-piperazinyl)dibenz[b,f][1,4]oxazepine succinate	6754
4'-Chloro-N-(1-isopropyl-4-piperidinyl)-2-phenylacetanilide	1606	8-Chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e][1,4]diazepine	5742
4'-Chloro-N-(1-isopropyl-4-piperidinyl)-2-phenylacetanilide monohydrochloride	1607	2-Chloro-11-(4-methyl-1-piperazinyl)dibenzo[b,f][1,4]thiazepine	5738
Chlorolifarina	5983		
[3-(Chloromercuri)-2-methoxypropyl]urea	7853		
2-chloromercuriophenol	6093		
1-[(6-Chloro-2-methoxy-9-acridinyl)amino]-3-(diethylamino)-2-propanol dihydrochloride	5559		
Chloromethane	976		
chloromethapyrilene	3876		

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2-Chloro-10-[3-(4-methyl-1-piperazinyl)propyl]phenothiazine	3579, 5840	1-piperazineethanol	1790
2-Chloro-10-[3-(4-methyl-1-piperazinyl)propyl]phenothiazine 1,2-ethanedisulfonate	3580, 5841	4-[(5-Chloro-2-oxo-3-benzothiazolyl)acetyl]-1-piperazineethanol hydrochloride	1791
2-Chloro-10-[3-(4-methyl-1-piperazinyl)propyl]phenothiazine dimaleate	3581, 5842	4-[(5-Chloro-2-oxo-3-benzothiazolyl)acetyl]-1-piperazineethanol	4779
2-Chloro-10-[3-(4-methyl-1-piperazinyl)propyl]phenothiazine methanesulfonate (2:1)	5843	4-[(5-Chloro-2-oxo-3-benzothiazolyl)acetyl]-1-piperazineethanol monohydrochloride	4780
7-Chloro-4-(4-methyl-1-piperazinyl)-10H-thieno[3,2-c][1]benzazepine	8020	1-(Chlorophenethyl)-1,2,3,4-tetrahydro-6,7-dimethoxy-2-methylisoquinoline	655
α -(Chloromethyl)-2-methyl-5-nitro-1H-imidazole-1-ethanol	6115	4-Chlorophenol	6118
Chloromethyl 5-nitro-2-furyl ketone	2230, 3721	p-chlorophenol	6118
(Z)-6'-Chloro-3-methyl-4-oxo- $\Delta^{2,\alpha}$ thiazolidine-aceto-o-toluidide	2990	4-[3-(2-Chlorophenothiazin-10H-yl)propyl]-1-piperazineethanol	5827
7-Chloro-1-methyl-5-phenyl-1H-1,5-benzodiazepine-2,4(3H,5H)-dione	6699	4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazineethanol acetate	5867
2-[(p-Chloro- α -methyl- α -phenylbenzyl)oxy]-N,N-dimethylpropylamine	9393	4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazineethanol acetate dihydrochloride	5868
1-[2-[(p-Chloro- α -methyl- α -phenylbenzyl)oxy]ethyl]hexahydro-1H-azepine	3995	1-[2-[4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazinyl]ethyl]-3-methyl-2-imidazolidinone	5774
1-[2-[(p-Chloro- α -methyl- α -phenylbenzyl)oxy]ethyl]hexahydro-1H-azepine hydrochloride	3996	1-[2-[4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazinyl]ethyl]-3-methyl-2-imidazolidinone dihydrochloride	5775
(+)-(2R)-2-[2-[[[(R)-p-Chloro- α -methyl- α -phenylbenzyl]oxy]ethyl]-1-methylpyrrolidine	3883	2-[4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazinyl]ethyl 3,4,5-trimethoxybenzoate	5797
(+)-(2R)-2-[2-[[[(R)-p-Chloro- α -methyl- α -phenylbenzyl]oxy]ethyl]-1-methylpyrrolidine fumarate	3884	2-[4-[3-(2-Chlorophenothiazin-10-yl)propyl]-1-piperazinyl]ethyl 3,4,5-trimethoxybenzoate difumarate	5798
7 α -chloro-16 α -methylprednisolone	4804	8-[3-(2-Chloro-10H-phenothiazin-10-yl)propyl]-1-thia-4,8-diazaspiro[4.5]decan-3-one	5736
9 α -chloro-16 β -methylprednisolone	4811	8-[3-(2-Chloro-10H-phenothiazin-10-yl)propyl]-1-thia-4,8-diazaspiro[4.5]decan-3-one hydrochloride	5737
6 α -Chloro-16 α -methylpregn-4-ene-3,2-dione	3603	chlorophenoxamide	1320
4-Chloro-N ¹ -methyl-N ¹ -(tetrahydro-2-methylfurfuryl)-m-benzenedisulfonamide	7883	(p-chlorophenoxy)acetic acid 2-isopropylhydrazide	3159, 8751
2-[(2-Chloro-4-methyl-3-thienyl)amino]-2-imidazoline	185, 4426	1-[(p-Chlorophenoxy)acetyl]-4-piperonyl piperazine	8990
2-[(2-Chloro-4-methyl-3-thienyl)amino]-2-imidazoline hydrochloride	186, 4427	1-[(p-Chlorophenoxy)acetyl]-4-piperonylpiperazine hydrochloride	8991
p-Chloro-N-(2-morpholinoethyl)benzamide	3198, 8757	2-(p-Chlorophenoxy)-N-[2-(diethylamino)ethyl]acetamide	4575
Chloromycetin	1870, 5981	($\pm$)-(Z)-7-[[1R*,2R*,3R*,5S*]2-[(E)-(3R*)-4-(m-Chlorophenoxy)-3-hydroxy-1-butenyl]-3,5-dihydroxycyclopentyl]-5-heptenoic acid	9157
Chloromycetin Hydrocortisone Ophthalmic, component of	8679	($\pm$)-(Z)-7-[[1R*,2S*,3S*,5R*]2-[(2R*)-3-(m-Chlorophenoxy)-2-hydroxypropyl]thio]-3,5-dihydroxycyclopentyl]-5-heptenoic acid	9166
(+)-2-(7-Chloro-1,8-naphthyridin-2-yl)-3-(5-methyl-2-oxohexyl)phthalimidine	6780	1-(p-Chlorophenoxy)-1-imidazol-1-yl-3,3-dimethyl-2-butanone	3661
($\pm$)-8-[[2-(7-Chloro-1,8-naphthyridin-2-yl)-3-oxo-1-isoindolyl]acetyl]-1,4-dioxo-8-azaspiro[4,5]decane	6784	1-[(4-Chlorophenoxy)methyl]-3,4-dihydroisoquinoline	6589
Chloronase	3326, 3334	1-[(4-Chlorophenoxy)methyl]-3,4-dihydroisoquinoline monohydrochloride	6590
2-[[o-Chloro- α -(nitromethyl)benzyl]thio]ethylamine	3722	2-(4-Chlorophenoxy)-2-methylpropanoic acid	4044
2-[[o-Chloro- α -(nitromethyl)benzyl]thio]ethylamine monohydrochloride	3723	2-(4-Chlorophenoxy)-2-methylpropanoic acid ethyl ester	4024
trans-6'-Chloro-2,3,4,4a,5,6,7,7a-octahydro-1H-1-pyridine-1-propiono-o-toluidide	1021	D-6-[2-[2-(p-Chlorophenoxy)-2-methylpropionamido]-2-phenylacetamido]-3,3-	
Chloropal	1873, 5983		
N-[2-[4-(Chloro-2-oxo-1-benzimidazolyl)piperidino]ethyl]-p-fluorobenzenamide	5770		
5-Chloro-1-[1-[3-(2-oxo-1-benzimidazolyl)propyl]-4-piperidyl]-2-benzimidazolinone	3545		
4-[(5-Chloro-2-oxo-3-benzothiazolyl)acetyl]-			

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dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]		phenyl]urea	6041
heptane-2-carboxylic acid	2043	2-[trans-4-(p-Chlorophenyl)cyclohexyl]-3-	
2-(p-Chlorophenoxy) 2-methylpropionic acid		hydroxy-1,4-naphthoquinone	4894, 5535, 5564
ester with 1,3-dinicotinoyloxy-2-propanol	4030	1-(p-Chlorophenyl)-1,2-cyclopropanedicarboximide	3077
2-(p-Chlorophenoxy) 2-methylpropionic acid		3-(p-Chlorophenyl)-5-cyclopropyl-2-methyl-	
ester with 7-(2-hydroxyethyl)theophylline	4095	pyrrolidine	1101
2-(p-Chlorophenoxy)-2-methylpropionic acid		3-(p-Chlorophenyl)-5-cyclopropyl-2-	
ester with 4-hydroxy-N,N-dimethylbutyramide	4045	methylpyrrolidine hydrochloride	1102
1-[2-(p-Chlorophenoxy)-2-methylpropionyl]-3-		cis-1-[2-(p-Chlorophenyl)-3-(2,4-dichlorophenyl)-	
(morpholinomethyl)urea	6334	2,3-epoxypropyl]-1H-1,2,4-triazole	3628
2-(p-Chlorophenoxy)-2-		(±)-1-[4-(p-Chlorophenyl)-2-[(2,6-dichlorophenyl)	
methylpropyl 1,2,3,6-tetrahydro-1,3-dimethyl-2,6-		thio]butyl]imidazole	3647
dioxopurine-7-acetate	7111	(±)-1-[4-(p-Chlorophenyl)-2-[(2,6-dichlorophenyl)	
6-[[p-(p-Chlorophenoxy)phenoxy]methyl]-1-		thio]butyl]imidazole mononitrate	3648
hydroxy-4-methyl-2(1H)-pyridone	3750	2-p-Chlorophenyl-1-[p-(2-diethylaminoethoxy)	
3-(4-Chlorophenoxy)-1,2-propanediol	3656	phenyl]-1-p-tolyethanol	4101
3-(p-Chlorophenoxy)-1,2-propanediol 1-carbamate	8822	1-(p-Chlorophenyl)-1,2-dihydro-1-hydroxy-as-triazino	
α-(4-Chlorophenyl)-2-benzofuranmethanol	9732	[6,1-a]isoquinolin-5-ium ethanesulfonate	3296
1-(p-Chloro-α-phenylbenzyl)-4-cinnamylpiperazine	3890	5-(p-Chlorophenyl)-2,5-dihydro-3H-imidazo	
1-(p-Chloro-α-phenylbenzyl)-4-(m-methylbenzyl)		[2,1-a]isoindol-5-ol	1084, 5787, 7699
piperazine	3558	(+)-(R)-4-(o-Chlorophenyl)-1,4-dihydro-6-	
1-(p-Chloro-α-phenylbenzyl)-4-(m-methylbenzyl)		methyl-2-[p-(2-methyl-1H-imidazo[4,5-c]	
piperazine dihydrochloride monohydrate	3559	pyridin-1-yl]phenyl]-5-(2-pyridylcarbamoyl)	
1-(p-Chloro-α-phenylbenzyl)-4-methylpiperazine	3873	nicotinate	6323
1-(p-Chloro-α-phenylbenzyl)-4-methyl		(+)-(S)-5-(o-Chlorophenyl)-1,3-dihydro-3-	
piperazine monohydrochloride	3874	methyl-7-nitro-2H-1,4-benzodiazepin-2-one	6756
1-[2-(o-Chloro-α-phenylbenzyloxy)ethyl]-4-o-		(±)-3-(p-Chlorophenyl)-1,3-dihydro-6-	
methylbenzylpiperazine	2692	methylfuro[3,4-c]pyridin-7-ol	4188
1-[2-(o-Chloro-α-phenylbenzyloxy)ethyl]-4-o-		(±)-3-(p-Chlorophenyl)-1,3-dihydro-6-	
methylbenzylpiperazine dihydrochloride	2693	methylfuro[3,4-c]pyridin-7-ol hydrochloride	4189
1-[2-[(p-Chloro-α-phenylbenzyl)oxy]ethyl]		(Z)-6-(o-Chlorophenyl)-2,4-dihydro-2-[(4-	
piperidine	6384	methyl-1-piperaziny]methylene]-8-nitro-	
1-[2-[(p-Chloro-α-phenylbenzyl)oxy]ethyl]		1H-imidazo[1,2-a][1,4]benzodiazepin-1-one	9388
piperidine hydrochloride	6385	(Z)-6-(o-Chlorophenyl)-2,4-dihydro-2-[(4-	
3-[(p-Chloro-α-phenylbenzyl)oxy]tropane	3889	methyl-1-piperaziny]methylene]-8-nitro-	
(±)-[2-[4-(p-Chloro-α-phenylbenzyl)-1-piperaziny]		1H-imidazo[1,2-a][1,4]benzo-	
ethoxy]acetic acidetirizine	3869	diazepin-1-one methanesulfonate	9389
(±)-[2-[4-(p-Chloro-α-phenylbenzyl)-1-piperaziny]		5-(o-Chlorophenyl)-1,3-dihydro-7-nitro-2H-	
ethoxy]acetic acidetirizine hydrochloride	3870	1,4-benzodiazepin-2-one	2921
2-[2-[2-[4-(p-Chloro-α-phenylbenzyl)-1-piperaziny]		α-(o-Chlorophenyl)-α-[2-(diisopropylamino)	
ethoxy]ethoxy] ethanol	9362	ethyl]-1-piperidinebutyramide	1570
2-[2-[2-[4-(p-Chloro-α-phenylbenzyl)-1-piperaziny]		1-(m-Chlorophenyl)-7,8-dimethoxy-4-methyl-	
ethoxy]ethoxy] ethanol dimaleate	9363	5H-2,3-benzodiazepine	6732
2-[2-[4-(p-Chloroα-phenylbenzyl)-1-piperaziny]		1-(m-Chlorophenyl)-3-[2-(dimethylamino)ethyl]-	
ethoxy]ethanol	3934, 6738	2-imidazolidinone	5776
2-[2-[4-(p-Chloroα-phenylbenzyl)-1-piperaziny]		1-(m-Chlorophenyl)-3-[2-(dimethylamino)ethyl]-	
ethoxy]ethanol 4,4'-methylenebis[3-hydroxy-2-		2-imidazolidinone monohydrochloride	5777
naphthoate]	3936	1-(m-Chlorophenyl)-3-[2-(3,3-dimethyl-1-	
2-[2-[4-(p-Chloroα-phenylbenzyl)-1-piperaziny]		azetidiny]ethyl]-2-imidazolidinone	5891, 8023
ethoxy]ethanol 4,4'-methylenebis[3-hydroxy-		2-(4-Chlorophenyl)-1,1-dimethylethyl ester	
2-naphthoate]	6740	DL-alanine	3020
2-[2-[4-(p-Chloroα-phenylbenzyl)-1-piperaziny]		γ-(4-Chlorophenyl)-N,N-dimethyl-2-	
ethoxy]ethanol dihydrochloride	3935, 6739	pyridinepropanamine	3903
[4-(p-Chlorophenyl)butyl]diethylheptyl		γ-(4-Chlorophenyl)-N,N-dimethyl-2-	
ammonium phosphate	1556	pyridinepropanamine maleate	3879, 3881
p-Chlorophenyl 2-(p-chlorophenoxy)-2-		1-(4-Chlorophenyl)-2,5-dimethyl-1H-	
methylpropionate	4049	pyrrole-3-acetic acid	4577
N-(4-Chlorophenyl)-N'-[4-chloro-3-(trifluoromethyl)		(±)-α-[(E)-4-(o-Chlorophenyl)-1,3-dithiolan-2-	

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ylidene]imidazole-1-acetonitrile	3700	(±)-2-(o-Chlorophenyl)-2-(methylamino)cyclohexanone	880
5-(o-Chlorophenyl)-7-ethyl-1,3-dihydro-1-methyl-2H-thieno[2,3-e]-1,4-diazepin-2-one	6703	(±)-2-(o-Chlorophenyl)-2-(methylamino)cyclohexanone hydrochloride	881
4-(o-Chlorophenyl)-2-ethyl-9-methyl-6H-thieno[3,2-f]-s-triazolo[4,3-a][1,4]diazepine	6721	2-(4-Chlorophenyl)-α-methyl-5-benzoxazole acetic acid	505, 4541
1-(p-Chlorophenyl)-3-(6-fluoro-N,N-dimethyl-anthraniloyl)urea	5080	2-(p-Chlorophenyl)-3-methyl-2,3-butanediol	2976, 6786
4-(4-Chlorophenyl)-1-(4-fluorophenyl)-1H-pyrazole-3-acetic acid	4728	4-[(4-Chlorophenyl)methyl]-2-(hexahydro-1-methyl-1H-azepin-4-yl)-1(2H)-phthalazinone	3854
4-(4-Chlorophenyl)-1-[4-(4-fluorophenyl)-4-oxobutyl]-4-piperidyl decanoate	5772	4-[(4-Chlorophenyl)methyl]-2-(hexahydro-1-methyl-1H-azepin-4-yl)-1(2H)-phthalazinone hydrochloride	3855
4-[[α-(p-Chlorophenyl)-5-fluorosalicylidene]amino]butyramide	8904	4-(p-Chlorophenyl)-5-methylimidazole	637, 4662, 5938
4-[[α-(p-Chlorophenyl)-5-fluorosalicylidine]amino]butyramide	2989	4-(p-Chlorophenyl)-5-methylimidazole monohydrochloride	638, 4663, 5939
1-[[5-(p-Chlorophenyl)furfurylidene]amino]-3-[4-(4-methyl-1-piperazinyl)butyl]hydantoin	1518	(6R,7R)-7-[3-(o-Chlorophenyl)-5-methyl-4-isoxazolecarboxamido]-3-(hydroxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid acetate (ester)	1972
1-[[5-(p-Chlorophenyl)furfurylidene]amino]-3-[4-(4-methyl-1-piperazinyl)butyl]hydantoin dihydrochloride	1519	[2S-(2α,5α,6β)]-6-[[[3-(2-Chlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2033
4-(p-Chlorophenyl)-4-hydroxy-N,N-dimethyl-α,α-diphenyl-1-piperidinebutyramide	3436	[2S-(2α,5α,6β)]-6-[[[3-(2-Chlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid benzathine salt	2034
4-(p-Chlorophenyl)-4-hydroxy-N,N-dimethyl-α,α-diphenyl-1-piperidinebutyramide monohydrochloride	3437	[2S-(2α,5α,6β)]-6-[[[3-(2-Chlorophenyl)-5-methyl-4-isoxazolyl]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt monohydrate	2035
5-(4-Chlorophenyl)-β-hydroxy-furanpropanoic acid	4704	1-(m-Chlorophenyl)-3-(1-methyl-4-oxo-2-imidazolin-2-yl)urea monohydrate	9366
4-[4-(p-Chlorophenyl)-4-hydroxypiperidino]-4'-fluorobutyrophenone	3498, 5771	2-[[2-(4-Chlorophenyl)-4-methyl-5-oxazolyl]methoxy]-2-methylpropionic acid	4746
4-[4-(p-Chlorophenyl)-4-hydroxypiperidino]-4'-fluorobutyrophenone decanoate	3499	2-(4-Chlorophenyl)-4-methyl-2,4-pentanediol	3126
4-[4-(p-Chlorophenyl)-4-hydroxypiperidino]-4'-fluorobutyrophenone hydrochloride	3500	1-(m-Chlorophenyl)-4-[2-(5-methylpyrazol-3-yl)ethyl]piperazine	6761
α-(p-Chlorophenyl)-α-2-imidazolin-2-yl-2-pyridinemethanol maleate (1:1) (salt)	3084	1-(m-Chlorophenyl)-4-[2-(5-methylpyrazol-3-yl)ethyl]piperazine dihydrochloride	6762
α-(p-Chlorophenyl)-α-2-imidazolin-2-yl-2-pyridinemethanol	3083	1-(o-Chlorophenyl)-4-[2-(1-methylpyrazol-4-yl)ethyl]piperazine	6717
1-(p-Chlorophenyl)-2-imino-3-methyl-4-imidazolidinone	7858	1-[(4-Chlorophenyl)methyl]-2-(1-pyrrolidinylmethyl)-1H-benzimidazole	3885
1-(p-Chlorophenyl)-3-(5-indanylsulfonyl)urea	5329	1-[(4-Chlorophenyl)methyl]-2-(1-pyrrolidinylmethyl)-1H-benzimidazole hydrochloride	3886
2-(p-Chlorophenyl)-1,3-indanedione	2872	3-(o-Chlorophenyl)-2-methyl-4(3H)-quinazolinone	9392
(±)-1-(p-Chlorophenyl)-α-isobutyl-N,N-dimethylcyclobutanemethylamine	1103, 3267, 9540	(±)-2-[5-(p-Chlorophenyl)pentyl]glycidic acid	3328
(±)-1-(p-Chlorophenyl)-α-isobutyl-N,N-dimethylcyclobutanemethylamine hydrochloride	1104, 3268, 9541	2-[p-(o-Chlorophenyl)phenacyl]acrylic acid	4061
(±)-1-(p-Chlorophenyl)-α-isobutyl-N,N-dimethylcyclobutanemethylamine hydrochloride monohydrate	1105, 3269, 9542	2-[1-(4-Chlorophenyl)-1-phenylethoxy]-N,N-dimethyl-1-propanamine	2762
(±)-4-(o-Chlorophenyl)-2-(p-isobutylphenethyl)-6,9-dimethyl-66H-thieno[3,2-f]-s-triazolo[4,3-a][1,4]diazepine	6315	2-[1-(4-Chlorophenyl)-1-phenylethoxy]-N,N-dimethyl-1-propanamine citrate	2763
(±)-α-(o-Chlorophenyl)-α-[2-(N-isopropylacetamido)ethyl]-1-piperidinebutyramide	1525	2-[1-(4-Chlorophenyl)-1-phenylethoxy]-N,N-dimethylethanamine	2694
1-(p-Chlorophenyl)-5-isopropylbiguanide	4898	2-[1-(4-Chlorophenyl)-1-phenylethoxy]-N,N-dimethylethanamine hydrochloride	2695
1-(p-Chlorophenyl)-5-isopropylbiguanide hydrochloride	4899	3-(4-Chlorophenyl)-1-phenyl-1H-pyrazole-4-acetic acid	4665
5-(p-Chlorophenyl)-1-(p-methoxyphenyl)-N-methylpyrazole-3-propionohydroxamic acid	5685		

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3-(4-Chlorophenyl)-1-phenyl-1H-pyrazole-4-acetic acid calcium salt	4666	2-Chloro-11-(1-piperazinyl)dibenz[b,f][1,4]oxazepine	3029
4-(4-Chlorophenyl)-2-phenyl-5-thiazoleacetic acid	4617	Chloroprednisone	8617
2-[4-(m-Chlorophenyl)-1-piperazinyl]ethyl(±)-p-isobutylhydratropate	636	Chloroprednisone Acetate	8618
1-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-3,4-diethyl- δ^2 -1,2,4-triazolin-5-one	3115	(9 β ,10 α)-6-Chloropregna-1,4,6-triene-3,20-dione	9136
1-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-3,4-diethyl- δ^2 -1,2,4-triazolin-5-one monohydrochloride	3116	Chloroprocaine	926
1-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-3-ethyl-4-(2-phenoxyethyl)- Δ^2 -1,2,4-triazolin-5-one	9512	Chloroprocaine Hydrochloride	927
1-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-3-ethyl-4-(2-phenoxyethyl)- Δ^2 -1,2,4-triazolin-5-one monohydrochloride	9513	3-Chloro-1,2-propanediol dinitrate	9733
2-[3-[4-(3-Chlorophenyl)-1-piperazinyl]propyl]-5-ethyl-2,4-dihydro-4-(2-phenoxyethyl)-3H-1,2,4-triazol-3-one	3206	3-Chloro-4-(2-propenyloxy)benzeneacetic acid	475, 4519, 5900
2-[3-[4-(3-Chlorophenyl)-1-piperazinyl]propyl]-5-ethyl-2,4-dihydro-4-(2-phenoxyethyl)-3H-1,2,4-triazol-3-one monohydrochloride	3207	4-Chloro-N-[(propylamino)carbonyl]benzenesulfonamide	3326, 3334
3-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-2,4(1H,3H)-quinazolin-6-one	9336	N-(3-Chloropropyl)- α -methylphenethylamine	1085
3-[3-[4-(m-Chlorophenyl)-1-piperazinyl]propyl]-2,4(1H,3H)-quinazolin-6-one hydrochloride	9337	N-(3-Chloropropyl)- α -methylphenethylamine hydrochloride	1086
2-[3-[4-m-Chlorophenyl)-1-piperazinyl]propyl]-s-triazolo-[4,3-a]pyridin-3(2H)-one	3297	Chloroptic	1870, 5981
2-[3-[4-m-Chlorophenyl)-1-piperazinyl]propyl]-s-triazolo-[4,3-a]pyridin-3(2H)-one monohydrochloride	3298	Chloropyramine	3875
3-Chloro-4-(phenylsuccinimido)benzene sulfonamide	2999	2-[4-[4-(4-Chloropyrazol-1-yl)butyl]-1-piperazinyl]pyrimidine	6746, 9492
1-[(p-Chlorophenyl)sulfonyl]-3-[p-(dimethylamino)phenyl]urea	3362, 3363	2-[4-[4-(4-Chloropyrazol-1-yl)butyl]-1-piperazinyl]pyrimidine dihydrochloride	6747, 9493
4-(m-Chlorophenyl)-1,6,7,8-tetrahydro-1,3-dimethylpyrazolo[3,4-e][1,4]diazepine	3313	Chloropyribenzamine	3875
2-(p-Chlorophenyl)tetrahydro-3-methyl-4H-1,3-thiazin-4-one	8821	N ¹ -(6-Chloro-3-pyridazinyl)sulfanilamide	2452
2-(p-Chlorophenyl)-tetrahydro-3-methyl-4H-1,3-thiazin-4-one 1,1-dioxide	6695	N ¹ -(6-Chloro-3-pyridazinyl)sulfanilamide sodium salt	2453
10-(m-Chlorophenyl)-2,3,4,10-tetrahydropyrimido[1,2-a]indol-10-ol	3055	2-[(6-Chloro-3-pyridazinyl)thio]-N,N-diethylacetamide	7551
2-(p-Chlorophenyl)-4-thiazoleacetic acid	4611	4-(p-Chloro- α -2-pyridylbenzylidene)-1-methylpiperidine	3894
1-[[2-(4-(2-Chlorophenyl)thiazol-2-yl)amino carbonyl] indolyl] acetic acid	7519	4-(p-Chloro- α -2-pyridylbenzylidene)-1-methylpiperidine maleate	3895
(p-Chlorophenyl)-2-thienyliodonium chloride [[(p-Chlorophenyl)thio]methylene] diphosphonic acid	2303, 5434, 5448, 7102	4-[(6-Chloro-2-pyridyl)thio]piperidine	299
8-Chloro-6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepine	9358	4-[3-(3-Chloro-10H-pyrido[3,2-b][1,4]benzo-thiazin-10-yl)propyl]-1-piperazineethanol	5741
8-chlorocarbochromen	9734	chloropyrilene	3876
6-Chloro-4-phenyl-1-(2,2,2-trifluoroethyl)-2(1H)-quinazolinone	4630	3-Chloro-4-(3-pyrrolin-1-yl)hydratropic acid	4734
(p-Chlorophenyl)[(α,α,α-trifluoro-m-tolyl)oxy]acetic acid ester with N-(2-hydroxyethyl) acetamide	4059, 9651	chloroquinaldol	6040
chlorophibrinic acid	4044	Chloroquine	1317, 1706, 4900, 8603
		Chloroquine Dihydrochloride	1318, 1707, 4901
		Chloroquine Diphosphate	1319, 1708, 4902, 8604
		5-Chloroquinolin-8-ol	6043
		4-[(7-Chloro-4-quinolyl)amino]- α -(diethylamino)-o-cresol	5561
		4-[(7-Chloro-4-quinolyl)amino]- α -(diethylamino)-o-cresol hydrochloride	5562
		5-Chloro-8-quinolol	3663
		N-(7-Chloro-4-quinolyl)anthranilic acid ester with N-(2-hydroxyethyl)nicotinamide	686
		4-[(7-Chloro-4-quinolyl)amino]- α -(diethylamino)-o-cresol	4885
		4-[(7-Chloro-4-quinolyl)amino]- α -(diethylamino)-o-cresol dihydrochloride dihydrate	4886
		2-[[4-[(7-Chloro-4-quinolyl)amino]pentyl]ethylamino]ethanol	1719, 4915, 8605
		2-[[4-[(7-Chloro-4-quinolyl)amino]pentyl]ethylamino]ethanol sulfate (1:1) (salt)	1720, 4916, 8606
		4-[(7-Chloro-4-quinolyl)amino]- α -1-pyrrolidinyl-o-cresol	4887

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1-[[[(R)-m-[(E)-2-(7-Chloro-2-quinolyl)vinyl]- α -[o-(1-hydroxy-1-methylethyl)phenethyl]benzyl]thio]methyl]cyclopropane acetic acid	1767, 8566	imidazolin-4-yl)ureato]dialuminum	6828, 8473
3-[[[(α R)-m-[(E)-2-(7-Chloro-2-quinolyl)vinyl]- α -[[2-(dimethylcarbamoyl)ethyl]thio]benzyl]thio]propionic acid	8575	9-Chloro-7-(1H-tetrazol-5-yl)-5H-[1]benzo-pyrano[2,3-b]pyridine-5-one	1303, 1794
4-Chloro-3-sulfamoylbenzoic acid 2,2-dimethylhydrazide	7823	2-Chloro-5-(1H-tetrazol-5-yl)-N ⁴ -2-thenyl-sulfanilamide	7837
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7-chlorotetracycline	1321, 2540	3-Chloro-4-(-2-thenoyl)hydratropic acid	4574
2-Chloro-1,2,3,3-tetrafluorocyclopropyl methyl ether	848	2-[(5-Chloro-2-thenyl)[2-(dimethylamino)ethyl]amino]pyridine	3876
4'-Chloro-1,2,3,4-tetrahydro-1,3-dioxo-4-isoquinolinecarboxanilide	4774	2-[(5-Chloro-2-thenyl)[2-(dimethylamino)ethyl]amino]pyridine citrate	3877
6-Chloro-2,3,4,5-tetrahydro-1-(p-hydroxyphenyl)-1H-3-benzazepine-7,8-diol	7992	chlorothenylpyramine	3876
6-Chloro-2,3,4,5-tetrahydro-1-(p-hydroxyphenyl)-1H-3-benzazepine-7,8-diol monomethanesulfonate	7993	8-Chlorotheophylline compound with 2-(diphenylmethoxy)-N,N-dimethylethylamine (1:1)	3539
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Cortate	8636	Cosmoline	9617
Cort-Dome	8677	Cosmopen	2092
Cortef	8677, 8679	Cosopt, component of	1475, 1680, 3809
Cortef Oral Suspension	8682		3820, 4432, 7086, 7404
Cortelan	8632	Cospanon	6208
Cortenema	8677	Cossym	6379
Cortensor	7466	Costimulator	8410
Cortexilar	4847, 8657	Cosulid	2452
cortexone	8635	Cosumix	2452
cortexone acetate	8636	Cosuric	3836
Cor-Theophyllin	7145	Cosylan	6392
Cortico-Sol	8711	Cosyntropin	61
Corticosterone	8630	Cotarnine	8314
Corticotropin	60	Cotarnine Chloride	8315
α ₁₋₂₄ -Corticotropin	61	Cotarnine Hydrochloride	8316
β ₁₋₂₄ -Corticotropin	61	Cotarnine Phthalate	8317

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Cotazym	7816, 8066	CP-70429	2136
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Cothera Syrup, component of	6397	CP-88059	5892
Cotinine	3070	CP-99219	2427
Cotinine Fumarate	3071	CP-10303-8	7235
Cotrane	6397	CP-10423-16	1211
co-trifamole	2495	CP-10423-18	1212
Cotrim, component of	2481, 5540	CP-12252-1	5873
co-trimopxazole	2482	CP-12299-1	222, 4383, 9873
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Coumermycin	2258	CP-14368-1	5490, 5783
Coumermycin Sodium	2259	CP-14445-16	1202
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Covatine	6691	CP-16171-85	726, 4733
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CP-38754	8249	Crampol	2903
CP-45634	67	Crapinon	2799
CP-45899	2132, 2637	Crasnitin	5030
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CRD-401	9739	Cropropamide	544, 9240
cream of tartar	7915, 8538	Cropropamide [E]	545
Cremin	5806	Cropropamide combined with Crotethamide	730, 9242
cremor tartari	7915, 8538	Cross-linked polyacrylic polycarboxylic ion	
Creon	7815, 8065	exchange resins.	8466
Creosedin	6685	Crotamitex	8027
Creosote	6045	Crotamiton	8027
Creosote Carbonate	8400	Crotetamide	546
Creosote, Coal Tar	6044	crotethamid	546, 9241
Creosote, Wood	6045	Crotethamide	9241
Crepasin	7357, 9785	Crovaril	4712
Cresatin	6047	Crovicina	2564
Cresatin-Sulzberger	6047	Croysulfone	2162, 2525, 7807
Crescefel	7581	crude opium	422, 9413
Cresol	6046	Crylène	6227
Crestabolic	254	Crylene	2788
crestomycin	1857	Cryogenine	5956
m-Cresyl Acetate	6047	Cryptenamine Tannates	4202
Cresylic acid	6046	Cryptocillin	2076, 2077
cresylol	6046	crystal violet	1181
Crinovaryl	8132	Crystamine	9923
Crinuril	7867	Crystapen	1904
Criseociclina	2568	Crystar	474, 503, 4534, 5908
Criseocil	2104, 2561	Crysticillin	2093, 2094
Crisinor	1698	Crystodigin	7442
Crisnatol	5082	Crystoids	1182, 1194
Crisnatol Mesylate	5083	Crytapen	2092
Crisofin	1698	CS-045	3417, 8465
Crispin	785	CS-359	1383, 1534, 7002
Cristallovar	8132	CS-370	6704
Cristalomicina	1845	CS-386	6766
Cristapen	2092	CS-430	9375
Cristapurat	7442	CS-439 HCl	5259
Crixivan	6609	CS-443	2629
CRL-40028	82, 3019	CS-533	2081
CRL-40476	141	CS-600	644, 4671
Croconazole	3665	CS-622	48, 4419
Croconazole hydrochloride	3666	CS-684	6508, 7755
Crolom	1259, 1749, 3994	CS-807	1983
Cromadrenal	8301	CS-1170	1953
cromakalim	1763	CSA	531
cromakalim [(±)-form]	4300	CSAG 144	8870
(-)-cromakalim	4300, 9059	CSFα	5409
Cromaton, component of	8288	CSFβ	5408, 8293
Cromitrile Sodium	1746	CSF-1	8415
Cromocap	6296, 9735	CSF-2	5409
Cromoglicate Lisetil	1747	CSG-7525A	3031
cromoglycic acid	1258, 1748, 3893	C-Strychnotoxine	8820
Cromolyn	1258, 1748, 3893	CT-848	9001
Cromolyn Disodium Salt	1259, 1749, 3994	CT-1501R	8414
Cromonalgina	6257, 9792	CT-1341	870
Cromosil	8301	C-Toxiferene II	8820
Cromovet	1259, 1749, 3994	CTX	084, 5127, 5162, 5256, 8443
Cronetal	10001	CTZ	1994
Cronil	9355	Cuivasil	967, 1602
Cronizat	6495	Cujec	1710
Cronodione	2895	Culpen	2046
Cronolone	9090	Cumarote C	6213, 7571

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Cumelon	6522	Cyanoacetic acid (2-quinoxalinylmethylene)	
Cumertilin sodium	7888	hydrazide N ¹ ,N ⁴ -dioxide	1803
cumetharol	2873	Cyanoacetic acid hydrazide	2583
cumethoxaethane	2873	1-[(1-(2-Cyano-1-aziridiny)-1-methylethyl)-2-	
Cumopyran	2874	aziridinecarboxamide	5037, 8396
Cumopyrin	2874	4-Cyano-5,5-bis(p-methoxyphenyl)-4-pentenoic acid	6342
cumotocopherol	9966	Cyanocobalamin	9923
Cupralene	1695	(E)- α -Cyano-N,N-diethyl-3,4-dihydroxy-5-	
cupralyl-natrium	1695	nitrocinnamamide	5479
Cuprelon	1695	2-Cyano-1-[2-[[[2-[(diaminomethylene)amino]-	
Cuprenil	1730, 7532	4-thiazolyl)methyl]thio]ethyl]-3-methyl	
Cupressin	18, 4208	guanidine	7934
Cupric Citrate	6850	2-Cyano-1-[2-[[[2-[(diaminomethylene)amino]-	
Cupric Sulfate	3460, 6048	4-thiazolyl)methyl]thio]ethyl]-3-methyl	
Cupric Sulfate	6048	guanidine	8383
Cupric Sulfate [anhydrous]	6049	4-[2-[(5-Cyano-5,5-diphenylpentyl)methylamino]	
Cuprid	7541	ethyl]-4-methylmorpholinium bis(methylsulfate)	4361
Cuprimine	1730, 7532	1'-(3-Cyano-3,3-diphenylpropyl)-[1,4'-	
Cuprimyl	1710	bipiperidine]-4'-carboxamide	444
Cuprimyxin	3667	1-[1-(3-cyano-3,3-diphenylpropyl)-4-	
Cuprion	1695	piperidiny]-1,3-dihydro-3-(1-oxopropyl)-	
Cuprocitrol	6850	2H-benzimidazol-2-one	304
Cuproxoline	1710	1-(3-Cyano-3,3-diphenylpropyl)-4-phenyl	
Curantyl	9740	isonipecotic acid	3430
Curare	8829	1-(3-Cyano-3,3-diphenylpropyl)-4-(2-oxo-3-	
Curarin-HAF	8929	propionyl-1-benzimidazoliny)piperidine	304
Curatin	3105, 3106	($\pm$)-N-2-cyanoethylamphetamine	1075
Curethyl, component of	8288	(-)-trans-1-[cis-4-Cyano-4-(p-fluorophenyl)	
Curling factor	3690	cyclohexyl]-3-methyl-4-phenylisonipecotic acid	3941
Curocef	2009	(-)-trans-1-[cis-4-Cyano-4-(p-fluorophenyl)	
Curosurf	9190	cyclohexyl]-3-methyl-4-phenyl	
Curoxim	2009	isonipecotic acid monohydrochloride	3942
Curretab	7732, 9105	(E)-(3aR,4R,5R,6aS)- δ -Cyano-3,3a,4,5,6,6a-	
Curythan	8874	hexahydro-5-hydroxy-4-[(E)-(3S,4RS)-3-	
Cutisterol	8674	hydroxy-4-methyl-1-octenyl]-2H-	
Cutivate	4858	cyclopenta[b]furan- $\Delta^{2,5}$ -valeric acid	9170
Cuvalit	4973, 7959, 7998, 9144	(α -RS)- α -Cyano-6-methylergoline-8 β -propionamide	4187
Cuxacillin	1888	2-Cyano-1-methyl3-[2-[[[5-methylimidazol-4-yl)	
Cuxanorm	1372, 1517, 4127, 6985	methyl]thio]ethyl]guanidine	6470, 7856, 8375
CV-205-502	7969, 8012, 9147	2-Cyano-1-methyl3-[2-[[[5-methylimidazol-4-yl)	
CV-2619	8992	methyl]thio]ethyl]guanidine mono	
CV-3317	18, 4208	hydrochloride	6471, 7857, 8376
CV-4093	4308, 7336, 7337	2-Cyano-1-[2-[[[5-methylimidazol-4-yl)methyl]	
CV-4151	6314, 9562	thio]ethyl]-3-(2-propynyl)guanidine	8377
CV-11974	1036, 4170	2-Cyano-1-[2-[[[5-methylimidazol-4-yl)methyl]	
CV-58903	6659	thio]ethyl]-3-(2-propynyl)guanidine	
C-Vimin	9909	monohydrochloride	8378
CY	5084, 5127, 5162, 5256, 8443	(6R-cis)-7-[[[(Cyanomethyl)thio]acetyl]amino]-7-	
CY-16	6324	methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)	
CY-39	5849	thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]	
CY-116	8308, 8311	oct-2-ene-2-carboxylic acid	1953
CY-153	4516	(6R-cis)-7-[[[(Cyanomethyl)thio]acetyl]amino]-7-	
Cyacetacide	2583	methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]	
Cyamemazine	5743	methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-	
cyamepromazine	5743	2-ene-2-carboxylic acid sodium salt	1954
cyanidenolon 1522	9901	($\pm$)-N-[2-[[[3-(o-Cyanophenoxy)-2-hydroxypropyl]	
cyanidol	3427, 3428, 3429, 8344, 8345, 8346	amino]ethyl]-2-(p-hydroxyphenyl)	
(+)-cyanidanol-3	3429	acetamide	1411, 4227, 7027

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3'-(3-Cyanopyrazolo[1,5- α]pyrimidin-7-yl)-N-ethylacetanilide	9471	benzazocin-8-ol	323
($\pm$)-2-Cyano-1-(4-pyridyl)-3-(1,2,2-trimethylpropyl)guanidine monohydrate	4377, 9062	N-cyclobutylmethyl-14-hydroxydihydronormorphine	403
(6R,7R)-7-[2-[[[(Z)-2-Cyanovinyl]thio]acetamido]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1948	7-(Cyclobutylmethyl)-8 β -methyl-6-methylene morphinan-3ol	467
Cyantın	2244	17-(Cyclobutylmethyl)-8 β -methyl-6-methylene morphinan-3ol methane sulfonate (salt)	468
Cyasorb UV 9	9646	(-)-17-(Cyclobutylmethyl)morphinan-3,14-diol	310
Cyasorb UV 24	9636	(-)-17-(Cyclobutylmethyl)morphinan-3,14-diol D-(-)-tartrate (1:1)	311
Cyater	4002	3'-[(E)-2-(4-Cyclobutyl-2-thiazolyl)vinyl]-2,2-diethylsuccinanilic acid	8563
Cybis	2403	Cyclobutyrol	7555
Cyclacillin	2036	Cyclobutyrol Sodium Salt	7556
Cyclacur	8124	cycloCMP hydrochloride	5026
Cycladiene	8111, 9081	Cyclocort	8608
Cycladol	725, 4732	Cyclocumarol	2874
Cyclaine	960	cyclocytidine	5026
Cyclamide	3315, 3337	2,2'-o-Cyclocytidine	5026
Cyclamycin	2214	cyclocytidine hydrochloride	5026
Cyclandelate	9674, 9825	Cyclo cytidine, 5-fluoro-	5153
Cyclapen	2036	Cyclodol	2849, 5526
Cyclarbamate	6705, 8830	Cyclodorm	9338
cyclazenin	4253	Cyclodrine	2700
Cyclazocine	547, 8951	Cyclodrine Hydrochloride	2701
Cyclergine	9674, 9825	Cycloestrol	8141
cycletanide	4188	Cyclo FC	5153
Cyclexanone	6389	Cyclofenil	8226
Cyclexanone Hydrochloride	6390	Cyclogest	9129
Cyclexedrine Hydrochloride	1059	Cycloguanil	4909
cyclic tetradecapeptide.	8204	cycloguanil embonate	4910
Cyclic heptapeptide related to Viomycin	2314	Cycloguanil Pamoate	4910
cyclic sulfur-containing peptides from <i>Streptomyces arginensis</i> .	8243	Cyclogyl	2703, 8940
Cyclindole	3072	5-(Cyclohepten-1-yl)-5-ethylbarbituric acid	6408
Cycliramine	3894	5-(1-Cyclohepten-1-yl)-5-ethyl-2,4,6(1H,3H,5H)-pyrimidinetrione	9376
Cycliramine Maleate	3895	cis[1,1-Cyclohexanebis(methylamine)](sulfato)platinum	5324
Cyclizine	3536	[(1R,2R)-1,2-Cyclohexanediamine-N,N'] [oxolato (2-)-O,O']platinum	5269
Cyclizine Hydrochloride	3537	1,2-Cyclohexanediamine, platinum complex, (1R-trans)-(9Cl)	5269
Cyclizine Lactate	3538	cyclohexanehexol	8596, 9931
Cyclobarbitol	9338	p-1-Cyclohexen-1-ylhydratropic acid	774, 4776
Cyclobarbitol Calcium	9339	3-(3-Cyclohexen-1-ylmethyl)-1,8-dimethylxanthine	7209
cyclobarbitone	9338	Cycloheximide	5669
Cyclobendazole	1166	cyclohexitol	8596, 9931
Cyclobenzaprine	6706, 8831	1-(Cyclohexylamino)-2-propanol benzoate (ester)	959
Cyclobenzaprine Hydrochloride	6707, 8832	1-(Cyclohexylamino)-2-propanol benzoate (ester) hydrochloride	960
Cycloblastin	5085, 5315, 8444	N-[(Cyclohexylamino)carbonyl]-2,3-dihydro-1H-indene-5-sulfonamide	3360
Cyclobral	9674, 9825	5-(1-Cyclohexen-1-yl)-1,5-dimethylbarbituric acid	876
Cyclobral	9825	5-(1-Cyclohexen-1-yl)-1,5-dimethylbarbituric acid sodium salt	877
cis-[trans-1,2-Cyclobutanebis(methylamine)] [(S)-lactato-O',O']platinum	5191	5-(1-Cyclohexen-1-yl)-1,5-dimethyl-2,4,6(1H,3H,5H)-pyrimidinetrione	9379
[1,1-Cyclobutanedicarboxylato(2-)](tetrahydro-4H-pyran-4,4-dimethanamine-N,N'-platinum, (SP-4-2)	5129	5-(1-Cyclohexen-1-yl)-1,5-dimethyl-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt	9380
17-(Cyclobutylmethyl)-4,5 α -epoxymorphinan-3,6 α ,14-triol	403, 404		
3-(Cyclobutylmethyl)-6-ethyl-1,2,3,4,5,6-hexahydro-11,11-dimethyl-2,6-methano-3-			

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5-(1-Cyclohexen-1-yl)-5-ethyl-2,4,6(1H,3H,5H)-pyrimidinetrione	9338	2(1H)-pentalenyldiene]-m-toluic acid	9169
5-(1-Cyclohexen-1-yl)-5-ethyl-2,4,6(1H,3H,5H)-pyrimidinetrione calcium salt	9339	α-[(2Z,3aR,4R,5R,6aS)-4-[(1E,3S)-3-Cyclohexyl-3-hydroxypropenyl]hexahydro-5-hydroxy-2H-cyclopenta[b]furan-2-ylidene]-m-toluic acid	6346
2-(α-Cyclohexylbenzyl)-N,N,N',N'-tetraethyl-1,3-propanediamine	6197	α-[(2Z,3aR,4R,5R,6aS)-4-[(1E,3S)-3-Cyclohexyl-3-hydroxypropenyl]hexahydro-5-hydroxy-2H-cyclopenta[b]furan-2-ylidene]-m-toluic acid sodium salt	6347
2-(α-Cyclohexylbenzyl)-N,N,N',N'-tetraethyl-1,3-propanediamine hydrochloride	6198	(4S)-4-Cyclohexyl-1-[[[(R)-[(S)-1-hydroxy-2-methylpropoxy](4-phenylbutyl)phosphinyl]acetyl-L-proline propionate (ester)	23, 4246
2-(Cyclohexylcarbonyl)-1,2,3,6,7,11b-hexahydro-4H-pyrazino[2,1-a]isoquinolin-4-one	1209	(4S)-4-Cyclohexyl-1-[[[(R)-[(S)-1-hydroxy-2-methylpropoxy](4-phenylbutyl)phosphinyl]acetyl-L-proline propionate (ester) sodium salt	24, 4247
N-(Cyclohexylcarbonyl)-3-morpholinosydnone imine	4190	(3-Cyclohexyl-3-hydroxy-3-phenylpropyl)diethylamine	2845
N-(Cyclohexylcarbonyl)-3-morpholinosydnone imine hydrochloride	4191	(±)-1-(3-Cyclohexyl-3-hydroxy-3-phenylpropyl)-1-methylpyrrolidinium chloride	2843, 2844, 5524
25-cyclohexyl-5-O-demethyl-25-de(1-methylpropyl)avermectin A _{1a}	1174, 8030	2,2'-(4,4'-Cyclohexylidinediphenoxy)-2,2'-dimethyldibutyric acid	4042
1-Cyclohexyl-3-[[p-[2-(3,4-dihydro-7-methoxy-4,4-dimethyl-1,3-dioxo-2(1H)-isoquinolyl)ethyl]phenyl]sulfonyl]urea	3351	17β-17-[(Cyclohexylmethoxy)carbonyl]oxyestra-4,9,11-trien-3-one	282
1-Cyclohexyl-3-[[p-[2-(3,4-dihydro-7-methoxy-4,4-dimethyl-1,3-dioxo-2(1H)-isoquinolyl)ethyl]phenyl]sulfonyl]urea	3358	N-(2-Cyclohexyl-1-methylethyl)-γ-phenylbenzenepropanamine	9741
1-Cyclohexyl-1,4-dihydro-4-oxo-N-1αH,5αH-tropan-3α-yl-3-quinolinecarboxamide	6767	N-(2-Cyclohexyl-1-methylethyl)-γ-phenylbenzenepropanamine monohydrochloride	9742
1-Cyclohexyl-1,4-dihydro-4-oxo-N-1αH,5αH-tropan-3α-yl-3-quinolinecarboxamide maleate (1:1)	6768	1-Cyclohexyl-3-[[p-[2-(5-methyl-3-isoxazolecarboxamido)ethyl]phenyl]sulfonyl]urea	3353
N-Cyclohexyl-4-[(1,2-dihydroxy-2-oxo-6-quinolyl)oxy]-N-methylbutyramide	7434	(±)-4-Cyclohexyl-α-methyl-1-naphthaleneacetic acid	4795
(2aE,4E,8E)-(5'S,6S,6'R,7S,11R,13S,15S,17aR,20R,20aR,20bS)-6'-Cyclohexyl-5',6,6',7,10,11,14,15,17a,20,20a,20b-dodecahydro-20,20b-dihydroxy-5',6,8,19-tetramethyl-17-oxo spiro[11,15-methano-2H,13H,17H-furo[4,3,2-pq]-[2,6]-benzodioxacyclooctadecin-13,2'-[2H]pyran]-7-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-α-L-arabinohepyranosyl)-3-O-α-L-arabinohepyranoside	1174, 8030	1-Cyclohexyl-3-[[p-[2-(5-methylpyrazinecarboxamido)ethyl]phenyl]sulfonyl]urea	3344
1-Cyclohexyl-4-[ethyl(p-methoxy-α-methylphenethyl)amino]-1-butanone	2822	1-Cyclohexyl-3-[[p-[2-(5-methylpyrazinecarboxamido)ethyl]phenyl]sulfonyl]urea	3350
N-[(1R)-2-Cyclohexyl-1-[[[(2S)-2-[(3-guanidino propyl)carbamoyl]piperidino]carbonyl]ethyl]glycine	6312	1-Cyclohexyl-2-(2-methyl-4-quinolyl)-3-(2-thiazolyl)guanidine	4782
p-Cyclohexylhydratropic acid	5164	2-(8-Cyclohexyloctyl)-3-hydroxy-1,4-naphthoquinone	4919
1-Cyclohexyl-3-[(αS,βR)-β-hydroxy-α-methylphenethyl]amino]-1-propanone	6881	α-Cyclohexyl-α-phenyl-1-piperidinepropanol	2808, 2848, 5507, 5525, 8902
6-Cyclohexyl-1-hydroxy-4-methyl-2-(1H)-pyridone	3657	α-Cyclohexyl-α-phenyl-1-piperidinepropanol hydrochloride	2809, 2849, 5508, 5526, 8903
6-Cyclohexyl-1-hydroxy-4-methyl-2-(1H)-pyridone compound with 2-aminoethanol (2:1)	3658	N-Cyclohexyl-1-piperazineacetamide	6480
4-(β-Cyclohexyl-β-hydroxyphenethyl)-1,1-dimethylpiperazine	2745	1-Cyclohexylpropyl carbamate	6795
4-(β-Cyclohexyl-β-hydroxyphenethyl)-1,1-dimethylpiperazinium methyl sulfate	2746	2-[[[(S)-2-Cyclohexyl-1-(2-pyridyl)ethyl]amino]-5-methylbenzoxazole	8568
(3-Cyclohexyl-3-hydroxy-3-phenylpropyl)triethylammonium chloride	2846	6-[4-(1-Cyclohexyl-1H-tetrazol-5-yl)butoxy]-3,4-dihydroxycarbostyryl	6292
(3-Cyclohexyl-3-hydroxy-3-phenylpropyl)triethylammonium iodide	2847	9,19-Cyclo-9β-lanost-24-en-3β-ol 4-hydroxy-3-methoxy cinnamate	4056
α-[(2E,3aS,4R,6aS)-4-[(1E,3S)-3-Cyclohexyl-3-hydroxypropenyl]hexahydro-5-hydroxy-		Cyclolyt	9674, 9825
		Cyclomandel	9674, 9825
		Cyclomen	3832
		cyclomethiazide	4203, 7862
		Cyclomethycaine	932
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		Cyclo(N-methyl-L-alanyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-valyl-L-phenylalanyl)	3409

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Cyclo(N-methyl-L-alanyl-L-tyrosyl-D-tryptophyl-L-lysyl-L-valyl-L-phenylalanyl) monoacetate (salt)	3410	3-hydroxypropenyl]-3,3a,4,5,6,6a-hexahydro-5-hydroxy- $\delta^{2(1H),\delta}$ -pentalene valeric acid	8340, 9151
Cyclo[[[(2S,4R,6E)-4-methyl-2-(methylamino)-3-oxo-6-octenoyl]-L-valyl-N-methylglycyl-N-methyl-L-leucyl-L-valyl-N-methyl-L-leucyl-L-alanyl-D-alanyl-N-methyl-L-leucyl-N-methyl-L-leucyl-N-methyl-L-valyl]	2157	2-[(Cyclopentylhydroxy-2-thienylacetyl)oxy]-N,N-diethylethanaminium bromide	2789
Cyclo[[[(2S,4R,6E)-4-methyl-2-(methylamino)-3-oxo-6-octenoyl]-L-valyl-N-methylglycyl-N-methyl-L-leucyl-L-valyl-N-methyl-L-leucyl-L-alanyl-D-alanyl-N-methyl-L-leucyl-N-methyl-L-valyl]	5371	2-[(Cyclopentylhydroxy-2-thienylacetyl)oxy]-N,N-diethyl-N-methylethanaminium bromide	2790
Cyclomycin	1354, 2567, 5987	Cyclopentyl-3-[2-methoxy-4-[(o-tolylsulfonyl)carbamoyl]benzyl]-1-methylindole-5-carbamate	1797, 8576
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Cyclonal	876, 9379	(11 β)-21-(3-Cyclopentyl-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione	8682
Cyclonal Sodium	877, 9380	3-(Cyclopentylloxy)-N-(3,5-dichloro-4-pyridyl)-p-anisamide	1776
cyclonamine	8320	3-(Cyclopentylloxy)estra-1,3,5(10)-triene-16 α ,17 β -diol	8152
Cyclonarol	94	3-(Cyclopentylloxy)-17-hydroxypregna-3,5-dien-20-one	9126
Cyclonarol	7769	3-(Cyclopentylloxy)-17-hydroxypregna-3,5-dien-20-one acetate	9127
cyclonicate	9670	3'-(Cyclopentylloxy)-4'-methoxyacetophenone (E)-O-carbamoyloxime	1754
cyclonicate	9821	4-[3-(Cyclopentylloxy)-4-methoxyphenyl]-2-pyrrolidinone	3258
Cyclonium Iodide	2702	(17 β)-3-(Cyclopentylloxy)-17-methylandrosta-3,5-dien-17-ol	815
Cyclonium Iodide	6184	3-(Cyclopentylloxy)-19-nor-17 α -pregna-3,5-dien-20-yn-17-ol	9132
Cyclonorm	9071	3-(Cyclopentylloxy)-19-nor-17 α -pregna-3,5-dien-20-yn-17-ol acetate	9133
Cyclopal	9340	3-(Cyclopentylloxy)19-norpregna-1,3,5(10)-triene-20-yn-17 β -ol	8153
Cyclopal sodium	9341	3-(Cyclopentylloxy)pregna-3,5-dien-20-one	9134
Cyclopar	1355	α -Cyclopentyl- α -phenyl-1-piperidinepropanol	2704
Cyclopar	2568	α -Cyclopentyl- α -phenyl-1-piperidinepropanol hydrochloride	2705
Cyclopar	2568	3-[N-(4-Cyclopentyl-1-piperazinyl)formimidoyl]rifamycin	1882, 2610
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2(Cyclopent-1-enyl)-2-(2-morpholininoethyl) cyclopentanone hydrochloride	6390	Cyclophosphane	5084, 5127, 5162, 5256, 8443
17 β -(1-Cyclopenten-1-yloxy)androsta-1,4-dien-3-one	277	Cyclopropane	849
5-(2-Cyclopenten-1-yl)-5-(2-propenyl)-2,4,6 (1H,3H,5H)-pyrimidinetrione	9340	(6 α ,11 β ,16 α)-21-[(Cyclopropylcarbonyl)oxy]-6,9-difluoro-11-hydroxy-16,17-[(1-methyl ethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione	8620
5-(2-Cyclopenten-1-yl)-5-(2-propenyl)-2,4,6 (1H,3H,5H)-pyrimidinetrione sodium	9341	11-Cyclopropyl-5,11-dihydro-4-methyl-6H-dipyrido [3,2-b:2',3'-e][1,4]diazepin-6-one	6624
Cyclopenthiazide	4203, 7862	(E)-N-Cyclopropyl-m-fluorocinnamamide	8826
Cyclopentobarbital	9340	($\pm$)-1-Cyclopropyl-6-fluoro-1,4-dihydro-5-methyl-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid	2396
Cyclopentobarbital Sodium	9341	($\pm$)-1-Cyclopropyl-6-fluoro-1,4-dihydro-5-	
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(-)-(2R,6S,11S)-1-Cyclopentyl-5-(1,2,3,4,5,6-hexahydro-8-hydroxy-3,6,11-trimethyl-2,6-methano-3-benzazocin-11-yl)-3-pentanone methanesulfonate (salt)	8971		
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(±)-1-Cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid	2394	(-)-17-(Cyclopropylmethyl)morphinan-3,14-diol	8969
(±)-1-Cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-7-[3-(methylamino)piperidino]-4-oxo-3-quinolinecarboxylic acid	2380	(-)-m-[2-(Cyclopropylmethyl)-1,3,4,5,6,7,8,8aα-octahydro-4aβ(2H)-isoquinolyl]phenol	535
1-Cyclopropyl-6-fluoro-1,4-dihydro-5-methyl-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid	2395	(-)-m-[2-(Cyclopropylmethyl)-1,3,4,5,6,7,8,8aα-octahydro-4aβ(2H)-isoquinolyl]phenol succinate (1:1)	536
1-Cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid	2382	N-[(1-(Cyclopropylmethyl)-2-pyrrolidiny]methyl]-5-sulfamoyl-o-anisamide	3532
1-Cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid monohydrochloride monohydrate	2383	(2R*,6S*,11S*)-3-(Cyclopropylmethyl)-3,4,5,6-tetrahydro-8-hydroxy-6,11-dimethyl-2,6-methano-3-benzazocin-1(2H)-one	623
(±)-1-[p-[2-(Cyclopropylmethoxy)ethyl]phenoxy]-3-(isopropylamino)-2-propanol	1378, 3793, 4142, 6990	(-)-(4aR,5R,10bS)-13-(Cyclopropylmethyl)-4,4a,5,6-tetrahydro-3H-5,10b-(iminoethano)-1H-naptho[1,2-c]-pyran-9-ol	739, 6443
(±)-1-[p-[2-(Cyclopropylmethoxy)ethyl]phenoxy]-3-(isopropylamino)-2-propanol hydrochloride	1379, 3794, 4143, 6991	(-)-(4aR,5R,10bS)-13-(Cyclopropylmethyl)-4,4a,5,6-tetrahydro-3-H-5,10b-(iminoethano)-1H-naptho[1,2-c]-pyran-9-ol D-(-)-tartrate (2:1)	740, 6444
[5α,7α(S)]-17-(Cyclopropylmethyl)-α-(1,1-dimethylethyl)-4,5-epoxy-18,19-dihydro-3-hydroxy-6-methoxy-α-methyl-6,14-ethenomorphinan-7-methanol	308	3-(5-Cyclopropyl-1,2,4-oxadiazol-3-yl)-5-isopropylimidazo[1,5-a]quinoxalin-4(5H)-one	6781
[5α,7α(S)]-17-(Cyclopropylmethyl)-α-(1,1-dimethylethyl)-4,5-epoxy-18,19-dihydro-3-hydroxy-6-methoxy-α-methyl-6,14-ethenomorphinan-7-methanol hydrochloride	309	1-(o-Cyclopropylphenoxy)-3-(isopropylamino)-2-propanol	7066
17-(Cyclopropylmethyl)-4,5α-epoxy-3,14-dihydroxymorphinan-6-one	8967	2-[(o-Cyclopropylphenoxy)methyl]-2-imidazoline	3060
17-(Cyclopropylmethyl)-4,5α-epoxy-3,14-dihydroxymorphinan-6-one hydrochloride	8968	10-[3-(4-Cyclopropyl-1-piperazinyl)propyl]-2-(trifluoromethyl)phenothiazine	5744
8-(Cyclopropylmethyl)-6β,7β-epoxy-3α-hydroxy-1αH,5αH-tropanium bromide (-)-(S)-tropate	2698	10-[3-(4-Cyclopropyl-1-piperazinyl)propyl]-2-(trifluoromethyl)phenothiazine dihydrochloride	5745
17-(Cyclopropylmethyl)-4,5α-epoxy-6-methylenemorphinan-3,14-diol	8960	(5Z,7E,22E,24S)-24-Cyclopropyl-9,10-secochola-5,7,10(19),22-tetraene-1α,3β,24-triol	9911
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17-(Cyclopropylmethyl)-4,5α-epoxy-8β-ethyl-3-methoxymorphinan-6-one hydrochloride	325	21-Cyclopropyl-6,7,8,14-tetrahydro-7α-(1-hydroxy-1-methylethyl)-6,14-endo-ethanooripavine	8954
3-(Cyclopropylmethyl)-1,2,3,4,5,6-hexahydro-6,11-dimethyl-2,6-methano-3-benzacocin-8-ol	8951	6,7,8,14-N-(Cyclopropylmethyl)tetrahydro-7α-(1-hydroxy-1-methylethyl)-6,14-endo-ethenonororipavine	326, 8952
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3-(Cyclopropylmethyl)-1,2,3,4,5,6-hexahydro-cis-6,11-dimethyl-2,6-methano-3-benzazocine	799	2-[[[6-(Cyclopropyl-m-tolyl)oxy]methyl]-2-imidazoline	4195
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ethyl ester sulfate epichlorohydrin crosslinked	4085	DHC	341, 366
Dextran 2-(diethylamino)ethyl		DH-codeine	340
2-[[2-(diethylamino)ethyl]diethylammonio]		DHCplus	7649, 7650
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Dextran 2-(diethylamino)ethyl ether	4048	DHEA	833
Dextran 2,3-dihydroxypropyl 2-hydroxy-1,3-		D-homopantothenic acid	7695
propanediyl ether	9985	p-DHP	1232, 9064
Dextran 40	9051	DHSM	1828, 2585
Dextran 70	9052	Di-X-lactone N,N'-[(2-amino-4,6-dimethyl-	
Dextran 75	9053	3-oxo-3H-phenoxazine-1,9-diyl)bis	
Dextran Iron Complex	8263	[carbonylimino[2-(1-hydroxyethyl)-1-oxo-	
Dextran Sulfate Sodium	2877	2,1-ethanediyl]imino[2-(1-methylethyl)-1-	
Dextran sulfuric acid ester sodium salt	2877	oxo-2,1-ethanediyl]-1,2-pyrrolidinediyl	
Dextranomer	9985	carbonyl(methylimino)(1-oxo-2,1-ethanediyl]	
dextran-trivalent iron complex	8263	bis[N-methyl]-L-valine	5090
Dextrarine	2877	Di-[2-(4-chlorophenoxy)-2-methyl	
Dextraven	9050	propionato] hydroxyaluminum	4021
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Dextroamphetamine Phosphate	7668	phenylazo)phenyl] sulfone	2163
Dextroamphetamine Sulfate	1063, 7669	Di-[4-(4-hydroxy-2-methyl-5-isopropyl	
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DF-118	340	Diacetyltannic acid	3422
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dFdC	5160	methylandrost-4-en-3-one	845
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Di-Ademil	4278, 7878	1,5-(3,6-Diamino-4-hydroxyhexanamido)-3-(hexahydro-2-imino-4-pyrimidinyl)-	
Diadol	9284	9,12-bis(hydroxymethyl-2,5,8,11,14-pentaoxo-1,4,7,10,13-pentaazacyclo	
Di-Adreson	8716	hexadec-6-ylidene]methyl]urea	2326, 2588
Di-Adreson-F	8713	trans-N-(Diaminomethylene)-2,5-dimethyl-3-pyrroline-1-acetamide	3439
Diadril	3559	N-(Diaminomethylene)-4-isopropyl-3-(methylsulfonyl)benzamide	7431
Diafen	3912	N ¹ -(Diaminomethylene)sulfanilamide	2468
Diaformin	3386	4-[(2,4-Diaminophenyl)azo]benzenesulfonamide	2490
Diafusor	1449, 9775	4-[(2,4-Diaminophenyl)azo]benzene-sulfonamide hydrochloride	2491
Dial	9284	2,6-Diamino-3-(phenylazo)pyridine	706
Dialar	6712, 8837, 9347	4,4'-Diaminophenyl-N,N-di(dextrose sodium sulfonate)	2527
Dialicor	7312, 9746	4,4'-Diaminophenylsulfone-N,N-di(dextrose sodium sulfate)	2165
5,5'-Diallyl- α,α' -bis(diethylamino)-m,m'-bitolyl-4,4'-diol	1312	2,4-Diamino-5-phenylthiazole	7638
5,5'-Diallyl- α,α' -bis(diethylamino)-m,m'-bitolyl-4,4'-diol dihydrochloride	1313	2,4-Diamino-6-piperidinopyrimidine 3-oxide	4328
diallylnortoxiferine	8805	L-(+)-N-[[[(2,4-Diamino-6-pteridiny]methyl)methylamino]benzoyl]glutamic acid	5216
N,N'-Diallylnortoxiterinium dichloride	8806	N-[4-[1-[(2,4-Diamino-6-pteridiny]-methyl)propyl]benzoyl]-L-glutamic acid	5114
diallyltloxiferine	8805	N-[p-[[[(2,4-Diamino-6-pteridiny]methyl)amino]benzoyl]glutamic acid	5018
Dialose	8508	L-(+)-N-[p-[[[(2,4-Diamino-6-pteridiny]methyl)methylamino]benzoyl]glutamic acid	1726
Dialose Plus, component of	8508, 8560	L-(+)-N-[p-[[[(2,4-Diamino-6-pteridiny]methyl)methylamino]benzoyl]glutamic acid disodium salt	1727
Dialume	1111, 4103	L-(+)-N-[p-[[[(2,4-Diamino-6-pteridiny]methyl)methylamino]benzoyl]glutamic acid monohydrate	1728
Diamarin	3539	5-[(2,4-Diamino-5-pyrimidinyl)methyl]-8-(dimethylamino)-7-methylquinoline	1801
4,4'-diamidino- α,ω -diphenoxypropane	1345	3,5-Diamino-2-(p-sulfamoylphenylazo)benzoic acid	2454
diamine penicillin	2086	2-[p-(4,6-Diamino-s-triazin-2-ylamino)phenyl]-1,3,2-dithiarsolane-4-methanol	5590
6,9-Diamino-1-(6-amino-9H-purin-9-yl)-1,5,6,7,8,9-hexadeoxy- β -D-ribodeca-furanuroic acid	3760	2-[p-[(4,6-Diamino-s-triazin-2-yl)amino]phenyl]-1,3,2-dithiarsolane-4,5-dicarboxylic acid	5588
2',4-Diaminobenzanilide	5103	cis-Diammine(1,1-cyclobutanedicarboxylato)platinum	5064
2,4-Diamino-5-(4-bromo-3,5-dimethoxybenzyl)pyrimidine	1802	(SP-4-2)-Diamminedichloroplatinum	5187, 5289
4,6-Diamino-1-(p-chlorophenyl)-1,2-dihydro-2,2-dimethyl-s-triazine	4909	cis-Diammine(glycolato-O ¹ ,O ²)platinum	5254
4,6-Diamino-1-(p-chlorophenyl)-1,2-dihydro-2,2-dimethyl-s-triazine compound (2:1) with 4,4'-methylenebis[3-hydroxy-2-naphthoic acid]	4910	cis-Diamminedichloroplatinum	5078, 5187, 5289
2,4-Diamino-5-(p-chlorophenyl)-6-ethylpyrimidine	4929, 5618	Diammonium Embelate	1167
4,6-Diamino-1-[(3,4-dichlorobenzyl)oxy]-1,2-dihydro-2,2-dimethyl-s-triazine	4908	Diamocaine Cyclamate	934
2,4-Diamino-5-(3,4-dichlorophenyl)-6-ethylpyrimidine	5144	diamorphine	334
2,4-Diamino-6-(2,5-dichlorophenyl)-s-triazine	6484, 7751	diamox	3786, 7399, 7821
3,5-Diamino-6-(2,3-dichlorophenyl)-as-triazine	2953	Diamox Parenteral	3787, 7400, 7822
2,4-Diamino-6-(2,5-dichlorophenyl)-s-triazine maleate	6485, 7752	Diampromide	337
(S)-O-2,6-Diamino-2,6-dideoxy- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-[β -D-xylofuranosyl-(1 $\rightarrow$ 5)]-N ¹ -(4-amino-2-hydroxy-1-oxobutyl)-2-deoxy-D-streptamine	1823	Diamthazole Dihydrochloride	3671
2,4-Diamino-5-(3,5-diethoxy-4-pyrrol-1-yl-benzyl)pyrimidine	1805	Diamyceline	3655
2,4-Diamino-6-(2,5-dimethoxybenzyl)-5-methylpyrido[2,3-d]pyrimidine	5285	Dianabol	814
2,4-Diamino-6-(2,5-dimethoxybenzyl)-5-methylpyrido[2,3-d]pyrimidine mono(2-hydroxyethanesulfonate)	5286		

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Diandrone	833	Dibenyline	5531
1,4:3,6-Dianhydro-2-deoxy-2-[[3-(1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxopurin-7-yl)propyl]amino]-L-iditol 5-nitrate	6348	5H-Dibenz[b,f]azepine-5-carboxamine	528
1,4:3,6-Dianhydro-D-glucitol	7881, 9759	5H-Dibenz[b,f]azepine-5-carboxamide	2916
1,4:3,6-Dianhydro-D-glucitol 5-nitrate	9761	4-[3-(5H-Dibenz[b,f]azepin-5-yl)propyl]-1-piperazineethanol	3224, 5815
1,4:3,6-Dianhydro-D-glucitol dinitrate	1424, 9760	4-[3-(5H-Dibenz[b,f]azepin-5-yl)propyl]-1-piperazineethanol dihydrochloride	3225, 5816
1,4:3,6-Dianhydro-D-glucitol-5-mononitrate	1425	dibenzcozamide	9922
Diapamide	7863	Dibenzepin	3095
Diaparene chloride	6103	Dibenzepin Hydrochloride	3096
diaphenylsulfone	2162, 2525, 7807	dibenzheptropine	2707, 3899
Diapid	3449	Dibenzothiophene	8477
Diaquone	8505	Dibenzoxin	3218
Diarlidan	2232	5H-Dibenzo[a,d]cyclohepten-5-one	
Diarsed, component of	3432	O-[2-(methylamino)ethyl]oxime	3087
4,4'-(1,2-Diarsenediyl)bis[2-aminophenol] dihydrochloride	6266	5H-Dibenzo[a,d]cyclohepten-5-one	
[1,2-Diarsenediylbis[(6-hydroxy-3,1-phenylene)imino]]bismethanesulfonic acid disodium salt	6282	O-[2-(methylamino)ethyl]oxime hydrochloride	3088
Diart	7837	5H-Dibenzo[a,d]cycloheptene-5-carboxamide	2918
Diasone	2169, 2536	4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-1-methyl piperidine	3896
Diaspasmyl	2816, 6238	4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-1-methyl piperidine hydrochloride sesquihydrate	3897
Diastal	4156, 9813	4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-s-butynylamine	3156
Diastase vera	7815, 8065	4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-s-butynylamine hydrochloride	3163
Diastatin	3724	4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-1-methylpiperidine	5638
Diaster	8633	4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-1-methylpiperidine hydrochloride monohydrate	5639
Diasulfa	6146	4-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-1-methylpiperidine hydrochloride sesquihydrate	5640
Diasulfon	3393, 3401, 3405, 3413	cis-3-Dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-propanamine hydrochloride	3109
Diatec	589, 4606	3-Dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-propanamine	3105
Diatenssec	80, 7924	trans-3-Dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-propanamine hydrochloride	3293
Diathymosulfone	2163, 2526	3-Dibenz[b,e]oxepin-11(6H)-ylidene-N,N-dimethyl-1-propanamine hydrochloride	3106, 3107, 3108
Diatox	2163, 2526	3-Dibenzo[b,e]thiepin-11(6H)-ylidene-1 α H,5 α H-tropane	2853
Diatrin	3954	3-Dibenzo[b,e]thiepin-11(6H)-ylidene-N,N-dimethyl-propanamine hydrochloride	3104
Diatrin base	3953	3-Dibenzo[b,e]thiepin-11(6H)-ylidene-N,N-dimethyl-propanamine	3103
Diaveridine	1804	Dibenzoyl peroxide	1234, 8475
Diazemuls	6712, 8837, 9347	dibenzthione	3762
Diazepam	6712, 8837, 9347	(+)-1,3-Dibenzyldecahydro-2-oxoimidazo[4,5-c]thieno[1,2-a]thiolium 2-oxo-10-bornanesulfonate (1:1)	4445
Diazil	2477	Dibenzyl [dithiobis[(R)-1-[4,6-dibromo- α -(cyclohexylmethylamino)-o-tolyl]carbamoyl]ethylene]dicarbamate	8163
Diaziquone	5102	Dibenzylin	5531
6-Diazo-N-(6-diazo-N-L- α -glutamyl-5-oxo-L-norleucyl)-5-oxo-L-norleucine	5038	Dibenzylone	5531
Diazoline	3947		
Diazomycin A	5111		
Diazomycin B	5038		
Diazon	2536		
Diazone	2169		
Diazoxide	4212		
Diazyl	2457		
Dibactil	2495		
Dibasol	9724		
Dibasole	9724		
Dibein	3396		
Dibekacin	1826		
Dibekacin Sulfate	1827		
Dibencil	2086, 2088		
Dibencillin	2086, 2088		
dibenzozide	9922		

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3,5-Dibenzyltetrahydro-2H-1,3,5-thiadiazine-2-thione	3762	methanesulfonanilide	1514
Dibenzylan	5531	(+)-4'-[(R)-4-(Dibutylamino)-1-hydroxybutyl]methanesulfonanilide fumarate	1515
Dibetos	3321	2-(Dibutylamino)-2-(p-methoxyphenyl)acetamide	6167
Dibistin	3848	3-(Dibutylamino)-1-propanol-p-aminobenzoate (ester)	914
Diblocin	207, 4219	3-(Dibutylamino)-1-propanol-p-aminobenzoate (ester) sulfate (2:1)	915
Dibondrin	3909, 3910	2-[4-[3-(Dibutylamino)propoxyl]-3,5-dimethylbenzoyl]chromone	1532
Dibotin	3336	p-[3-(Dibutylamino)propoxy]phenyl 2-ethyl-3-indoliziny ketone	1392, 1546
Dibromannit	5224	p-[3-(Dibutylamino)propoxy]phenyl 2-ethyl-3-indoliziny ketone monohydrochloride	1393, 1547
Dibromannitol	5224	3',5'-Di-tert-butyl-4'-hydroxy-5-hexynophenone	770
Dibromdulcit	5229	3',5'-Di-tert-butyl-4'-hydroxy-5-hexynophenone	4769
Dibromdulcitol	5229	3,5-Di-tert-butyl-4-hydroxyphenyl 2-thienyl ketone	4736
2',4'-Dibromo- α -(cyclohexylmethylamino)-o-vanillitoluide acetate (ester)	8160	N,N-Dibutyl-N'-(3-phenyl-1,2,4-oxadiazol-5-yl)-1,2-ethanediamine	9816
1,6-Dibromo-1,6-dideoxy-D-galactitol	5229	N,N-Dibutyl-N'-(3-phenyl-1,2,4-oxadiazol-5-yl)-1,2-ethanediamine hydrochloride	9817
1,6-Dibromo-1,6-dideoxy-D-mannitol	5224	DIC	5089
(2',7'-Dibromo-3',6'-dihydroxy-3-oxospiro [isobenzofuran-1(3H),9'-[9H]xanthen]-4'-yl)hydroxymercury disodium salt	6092	dicamoylmethane	4309
Dibromodulcitol	5229	Dicaptol	3467
Dibromogalactitol	5229	Dicarbam	8026
4',6'-Dibromo- α -[(trans-4-hydroxycyclohexyl)amino]-2-thiophene-carboxy-o-toluidide	9189	2,2'-[(1,2-Dicarboxy-1,2-ethanediyl)bis(thio)]bis-1,3,2-dithiastibolane-4,5-dicarboxylic acid hexasodium salt	1220
dibromohydroxymercurifluorescein disodium salt	6092	Diceplon	5737
β -(3,5-Dibromo-4-hydroxyphenyl)alanine	4457	Dicetel	6230
3,5-Dibromo-4-hydroxyphenyl-2-ethyl-3-benzofuranyl ketone	9649	Dichloralantipyrine	9348
3,5-Dibromo-2-hydroxy-N-[3-(trifluoromethyl)phenyl]benzamide	6063	Dichloralphenazone	9348
Dibromomannitol	5224	Dichloramine T	2435
D-Dibromomannitol	5224	Dichloren	5206
1,6-Dibromo-D-mannitol	5224	Dichloren hydrochloride	5207, 5246, 5247
1,6-Dibromomannitol	5224	Dichlorisone	5641
2-[(3,5-Dibromo-2-methoxyphenyl)methoxy]-N,N-diethylethanamine	6245	Dichlorisone 21-Acetate	5642
5,7-Dibromo-2-methyl-8-quinolinol benzoate ester	2160	Dichlor-Mapharsen	6274
Dibromopropamidine	1327, 6051	Dichloroacetic Acid	6851, 8478
Dibromopropamidine Isethionate	1328, 6052	Dichloroacetic acid compound with N-(1-methylethyl)-2-propanamine (1:1)	9675, 9826
5,7-Dibromoquinolin-8-ol	6021	D-Threo-N-dichloroacetyl-1-p-nitrophenyl-2-amino-1,3-propanediol	1870
trans-4-[(3,5-Dibromosalicyl)amino]cyclohexanol	8783	D-Threo-N-dichloroacetyl-1-p-nitrophenyl-2-amino-1,3-propanediol monosuccinate arginine salt	1871
3,5-Dibromosalicylanilide	6100	[2-(2,6-Dichloroanilino)ethyl]guanidine	4258
3,5-Dibromo-N-(tetrahydrofurfuryl)salicylamide	6065	2-(3,4-Dichloroanilino)quinolizinium bromide	6496
3,5-Dibromo-L-tyrosine Monohydrate	4457	4-(2,6-Dichloroanilino)-3-thiopheneacetic acid	4594
dibrompropamidine	1327, 6051	dichloroazodicarbonamidine	6037
dibrompropamidine isethionate	1328	($\pm$)-4-(3,4-Dichlorobenzamido)-N,N-dipentyl glutaramic acid	2760
dibrompropamidine isetionate	6052	($\pm$)-4-(3,4-Dichlorobenzamido)-N-(3-methoxypropyl)-N-pentylglutaramic acid	7520, 8217
Dibucaine	935	(R)-4-(3,4-Dichlorobenzamido)-N-(3-methoxypropyl)-N-pentylglutaramic acid	7518
Dibucaine Hydrochloride	936	4,5-Dichloro-m-benzenedisulfonamide	3805, 7402,
dibuline sulfate	2711		
Dibunafon	6446		
dibunate ethyl	6403		
Dibutamide	6167		
Dibutyl	2732, 5481		
Dibutoline Sulfate	2711		
2-[[[(Dibutylamino)carbonyl]oxy]-N-ethyl-N,N-dimethylethanaminium sulfate (2:1)	2711		
(+)-4'-[(R)-4-(Dibutylamino)-1-hydroxybutyl]			

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[(2,6-Dichlorobenzylidene)amino]guanidine	113, 4251,	(6 α ,11 β ,16 α)-9,11-Dichloro-6,21-difluoro-16,17- [(1-methylethylidene)bis(oxy)]pregna-1,4-diene- 3,20-dione	8728
[(2,6-Dichlorobenzylidene)amino]guanidine monoacetate	114, 4252,	($\pm$)-[2,6-Dichloro-4-(4,5-dihydro-3,5-dioxo-as- triazin-2(3H)-yl)phenyl-(p-fluorophenyl) acetonitrile	2272
1-[(2,6-Dichlorobenzylidene)amino]-3-hydroxy guanidine	4266,	6,7-Dichloro-1,5-dihydroimidazo[2,1-b] quinazolin-2(3H)-one	6283, 6285
1-[(2,6-Dichlorobenzylidene)amino]-3-hydroxy guanidine hydrochloride	4267,	6,7-Dichloro-1,5-dihydroimidazo[2,1-b] quinazolin-2(3H)-one hydrochloride	6284, 6286
1-(2,4-Dichlorobenzyl)-1H-imidazole-3-carboxylic acid	5195,	ab-Dichloro-cd-dihydroxy-df-bis(isopropyl- amine)-platinum	5183
($\pm$)-1-[2,4-Dichloro- β -[(7-chlorobenzo[b]thien- 3-yl)piperidino]ethyl]-2-imidazolidinone	3757,	9 α ,11 β -Dichloro-17 α ,21-dihydroxypregna- 1,4-diene-3,20-dione	5641
($\pm$)-1-[2,4-Dichloro- β -[(7-chlorobenzo[b]thien- 3-yl)piperidino]ethyl]-2-imidazolidinone nitrate	3758,	9 α ,11 β -Dichloro-17 α ,21-dihydroxypregna- 1,4-diene-3,20-dione 21-acetate	5642
($\pm$)-1-[2,4-Dichloro- β -[(p-chlorobenzyl)oxy] phenethyl]imidazole nitrate	3677,	($\pm$)-trans-2',4'-Dichloro-N-[2-(dimethylamino)- cyclopentyl]propionanilide	3112
1-[2,4-Dichloro- β -[(p-chlorobenzyl)oxy] phenethyl]imidazole	3675,	($\pm$)-trans-2',4'-Dichloro-N-[2-(dimethylamino)- cyclopentyl]propionanilide maleate (1:1)	3113
1-[2,4-Dichloro- β -[(p-chlorobenzyl)oxy] phenethyl]imidazole nitrate	3676,	4,6'-Dichloro-4',6-dinitro-2,2'-methylene diphenol	1198
($\pm$)-1-[2,4-Dichloro- β -[(p-chlorobenzyl)thio] phenethyl]imidazole	3763,	Dichloroethanoic acid	6851, 8478
($\pm$)-1-[2,4-Dichloro- β -[(p-chlorobenzyl)thio] phenethyl]imidazole mononitrate	3764,	2,2-Dichloro-N-(2-ethoxyethyl)-n-[(p-nitro phenoxy)benzyl]acetamide	1333
(Z)-1-[2,4-Dichloro- β -[2-(p-chlorophenoxy)ethoxy]- α -methylstyryl]imidazole	3731,	(6 α ,11 β ,16 α)-9,11-Dichloro-6-fluoro-21- hydroxy-16,17-[(1-methylethylidene) bis(oxy)]pregna-1,4-diene-3,20-dione	8654
(Z)-1-[2,4-Dichloro- β -[2-(p-chlorophenoxy)ethoxy]- α -methylstyryl]imidazole mononitrate	3732,	2,2-Dichloro-N-[1-fluoromethyl]-2-hydroxy- 2-[4-(methylsulfonyl)phenyl]ethyl]acetamide	1875
(E)-1-[2,4-Dichloro- β -[2-(p-chlorophenoxy) ethoxy]styryl]imidazole	3668,	3,5-Dichloro-4'-fluorothiocarbanilide	3701
1,1-Dichloro-2-(o-chlorophenyl)-2-(p-chloro phenyl)ethane	5236	(11 β ,16 α)-9,21-Dichloro-17-[(2-furanyl carbonyl)oxy]-11-hydroxy-16-methyl pregna-1,4-diene-3,20-dione	4874
(Z)-1-[2,4-Dichloro- β -(p-chlorophenyl)cinnamyl] imidazole	3627	1-[2,5-Dichloro-4-(1,1,2,3,3,3-hexafluoro propoxy)phenyl]-3-(2,6-difluorobenzoyl)urea	8033
1-[2,4-Dichloro- β -[(2-chloro-3-thenyl)oxy] phenethyl]imidazole	3770	2,2-Dichloro-N-(2-hydroxyethyl)-N-[(4-(4- nitrophenoxy)phenyl)methyl]acetamide	1320
α ,3-Dichloro-4-cyclohexyl)benzeneacetic acid	4610	2,2-Dichloro-N-[2-hydroxy-1-(hydroxy methyl)-2-[4-(methylsulfonyl)phenyl] ethyl]acetamide	1876
2-[4-(2,2-Dichlorocyclopropyl)phenoxy]-2- methylpropionic acid	4041	(DL)-2,2-Dichloro-N-[2-hydroxy-1-(hydroxy methyl)-2-[4-(methylsulfonyl)phenyl] ethyl]acetamide	1877
N,N''-Dichlorodiazenedicarboximidamide	6037	[R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-1- (hydroxymethyl)-2-(4-nitrophenyl)ethyl] acetamide	5981
1,3-Dichloro- α -[2-(dibutylamino)ethyl]-6- (trifluoromethyl)-9-phenanthrenemethanol	4913	[R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-1- (hydroxymethyl)-2-(4-nitrophenyl) ethyl]acetamide monosuccinate arginine	5982
1,3-Dichloro- α -[2-(dibutylamino)ethyl]-6- (trifluoromethyl)-9-phenanthrenemethanol hydrochloride	4914	[R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-1- (hydroxymethyl)-2-(4-nitrophenyl) ethyl]acetamide monosuccinate sodium	5985
9,11 β -Dichloro-17,21-dihydroxy-16 α -methyl pregna-1,4-diene-3,20-dione	4871	D-Threo-(-)-2,2-dichloro-N[β -hydroxy- α - (hydroxymethyl)-p-nitrophenyl]acetamide α -(sodium succinate)	1872
9,11 β -Dichloro-17,21-dihydroxy-16 α -methyl pregna-1,4-diene-3,20-dione dibutyrate	4872	D-Threo-(-)-2,2-dichloro-N[β -hydroxy- α - (hydroxymethyl)-p-nitrophenyl]acetamide	
2,2-Dichloro-N-2,4-dichlorobenzyl-N-2- hydroxyethylacetamide	1316		
1-[2,4-Dichloro- β -[(2,4-dichlorobenzyl)oxy] phenethyl]-3-(p-fluorophenacyl)imidazolium chloride	6062		
1-[2,4-dichloro- β -[(2,4-Dichlorobenzyl)oxy] phenethyl]imidazole	3695, 3711		
1-[2,4-dichloro- β -[(2,4-Dichlorobenzyl)oxy] phenethyl]imidazole nitrate	3696, 3712		
2,2-Dichloro-1,1-difluoroethyl methyl ether	858		

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α -palmitate	1873	[(2,6-Dichlorophenyl)amidino]urea	
[R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)propyl ester hexadecanoic acid	5983	monohydrochloride	9809
2,2-Dichloro-4'-hydroxy-N-methylacetanilide	1330	2-[(2,6-Dichlorophenyl)amino]benzeneacetic acid	4584
2',4'-Dichloro-2-imidazol-1-ylacetophenone (Z)-[O-(2,4-dichlorobenzyl)oxime] mononitrate	3735	2-[(2,6-Dichlorophenyl)amino]benzeneacetic acid carboxymethyl ester	4513
Dichloromethyldiethylamine hydrochloride	5207, 5246, 5247	2-[(2,6-Dichlorophenyl)amino]benzeneacetic acid monosodium salt	4585
[2,3-Dichloro-4-(2-methylenebutyryl)phenoxy]acetic acid	7867	4-(2,3-Dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinecarboxylic acid ethyl methyl ester	9679, 9747, 9829
(Dichloromethylene)diphosphonic acid	5418, 7093, 7375	N-(2,6-Dichlorophenyl)-4,5-dihydro-N-(tetrahydro-2H-pyran-2-yl)-1H-Imidazol-2-amine	4374
($\pm$)-[(6,7-Dichloro-2-methyl-1-oxo-2-phenyl-5-indanyl)oxy]acetic acid	7879	($\pm$)-3-(3,4-Dichlorophenyl)-2-(dimethylamino)-2-methyl-1-propanol	3054
2-[(2,6-Dichloro-3-methylphenyl)amino]benzoate sodium salt monohydrate	4675, 5943	1-[[2-(2,4-Dichlorophenyl)-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole	3633
2-[(2,6-Dichloro-3-methylphenyl)amino]benzoic acid	4676, 5944	1-[[5-(3,4-Dichlorophenyl)furfurylidene]amino]hydantoin	8828
5,7-Dichloro-2-methylquinolin-8-ol	6040	2-[(2,6-Dichlorophenyl)imino]imidazoline	3496
dichloromezanone	6695	2-[(2,6-Dichlorophenyl)imino]imidazoline hydrochloride	3497
2',5-Dichloro-4'-nitrosalicylanilide	1195	2-[(2,6-Dichlorophenyl)imino]imidazolidine	92, 93, 4199, 4200
2',5-Dichloro-4'-nitrosalicylanilide ethanolamine salt	1196	1-[2-[(S)-3-(3,4-Dichlorophenyl)-1-[(m-isopropoxyphenyl)acetyl]-3-piperidyl]ethyl]-4-phenylquinuclidinium benzenesulfonate	7214
(6R,7R)-7-[[[(3,5-Dichloro-4-oxo-1(4H)-pyridinyl)acetyl]amino]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1928	cis-2-(3,4-Dichlorophenyl)-3-(isopropylamino)bicyclo[2.2.2]octan-2-ol	3057
(6R-trans)-7-[[[(3,5-Dichloro-4-oxo-1(4H)-pyridinyl)acetyl]amino]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt	1929	cis-2-(3,4-Dichlorophenyl)-3-(isopropylamino)bicyclo[2.2.2]octan-2-ol methansulfonate (salt)	3058
Dichlorophen	1168	1-(3,4-Dichlorophenyl)-5-isopropylbiguanide	4903
dichlorophenarsinammonium chloride	6274	1-(3,4-Dichlorophenyl)-5-isopropylbiguanide hydrochloride	4904
Dichlorophenarsine	6273	[2S-(2 α ,5 α ,6 β)]-6-[[[(3,4-Dichlorophenyl)methoxyacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2031
Dichlorophenarsine Hydrochloride	6274	[2S-(2 α ,5 α ,6 β)]-6-[[[(3,4-Dichlorophenyl)methoxyacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt	2032
Dichlorphenamide	3805, 7402	($\pm$)-trans-3-(3,4-Dichlorophenyl)-N-methyl-1-indanamine	7996
dichlorophene	1168	[2S-(2 α ,5 α ,6 β)]-6-[[[(3-(2,6-Dichlorophenyl)-5-methyl-4-isoxazoly]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt monohydrate	2039
2-(2,4-Dichlorophenoxy)benzeneacetic acid	4609	[2S-[2 α ,5 α ,6 β (S*)]]-6-[[[(3-(2,6-Dichlorophenyl)-5-methyl-4-isoxazoly]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2037
[[2-(2,6-Dichlorophenoxy)ethyl]amino]guanidine	4264	[2S-[2 α ,5 α ,6 β]]-6-[[[(3-(2,6-Dichlorophenyl)-5-methyl-4-isoxazoly]carbonyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt	2038
[[2-(2,6-Dichlorophenoxy)ethyl]amino]guanidine sulfate(2:1)	4265	6-[1-(2,6-Dichlorophenyl)-4-methylpyrazole-5-	
2-[1-(2,6-Dichlorophenoxy)ethyl]-2-imidazoline	4303		
2-[1-(2,6-Dichlorophenoxy)ethyl]-2-imidazoline hydrochloride	4304		
(-)-2-[1-(2,6-Dichlorophenoxy)ethyl]-2-imidazoline	126		
(+)-(S)-2[1-(2,6-Dichlorophenoxy)ethyl]-2-imidazoline	4211		
($\pm$)-2-(2,4-Dichlorophenoxy)-1-imidazol-1-yl-4,4-dimethyl-3-pentanone	3779		
2-[(3,4-Dichlorophenoxy)methyl]-2-imidazole	3123		
2-[(3,4-Dichlorophenoxy)methyl]-2-imidazole monohydrochloride	3124		
2-[(3,4-Dichlorophenoxy)methyl]-2-imidazoline	8955		
2-[(3,4-Dichlorophenoxy)methyl]-2-imidazoline monohydrochloride	8956		
N-[3-(2,4-Dichlorophenoxy)propyl]-N-methyl-2-propynylamine	3068		
[(2,6-Dichlorophenyl)amidino]urea	9808		

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carboxamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2120	Diclo-Puren	4585
5-(3,4-Dichlorophenyl)-6-methyl-2,4-pyrimidinediamine	5218	Diclord	4585
(±)-2-(3,4-Dichlorophenyl)-N-methyl-N-[(5R*,7S*,8S*)-7-(1-pyrrolidinyl)-1-oxaspiro[4.5]dec-8-yl]acetamide	762	Diclorem	4585
(±)-2-(3,4-Dichlorophenyl)-N-methyl-N-[(5R*,7S*,8S*)-7-(1-pyrrolidinyl)-1-oxaspiro[4.5]dec-8-yl]acetamide monomethanesulfonate	763	Dicloxacillin	2037
cis-1-[[2-(2,4-Dichlorophenyl)-4-[(2-propynyloxy)methyl]-1,3-dioxolan-2-yl)methyl]imidazole	3738	Dicloxacillin Sodium	2038
cis-1-[[2-(2,4-Dichlorophenyl)-4-[(2-propynyloxy)methyl]-1,3-dioxolan-2-yl)methyl]imidazole monohydrochloride	3739	Dicloxacillin Sodium Monohydrate	2039
(±)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-7-methoxy-2-methylisoquinoline	7989	Dico	341, 366
(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine	3264	Dicobalt Edetate	3466
(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine hydrochloride	3265	Dicodid	364, 365
(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthylamine	9538	Dicoferin	2232
(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthylamine hydrochloride	9539	Dicopac Kit	9923
α-(2,4-Dichlorophenyl)-4-(1,1,3,3-tetramethylbutyl)-o-cresol	2257	dicophaner	8028
[2,3-Dichloro-4-(2-thenoyl)phenoxy]acetic acid	9662	Dicorantil	1571
[2,3-Dichloro-4-(2-thienylcarbonyl)phenoxy]acetic acid	7931	Dicoumarin	2878
(±)-1-[2,4-Dichloro-β-[[p-(phenylthio)benzyl]oxy]phenethyl]imidazole	3681	Dicoumarol	2878
(±)-1-[2,4-Dichloro-β-[[p-(phenylthio)benzyl]oxy]phenethyl]imidazole mononitrate	3682	Dicoumoxyl	2873
(E)-6-[[[(2,6-Dichlorophenyl)thio]methyl]-3-(phenethyloxy)-2-pyridineacrylic acid	5686	Dicromil	9080
cis-1-[p-[[2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-4-yl)methyl]-1,3-dioxolan-4-yl]methoxy]phenyl]-4-isopropylpiperazine	3767	dicrotalic acid	4067
5,7-Dichloro-8-quinolinol	5988	Dictycide	2583
5,7-Dichloro-8-quinolinol mixture with 5-chloro-8-quinolinol and 7-chloro-8-quinolinol	6068	Dictyzide	2583
N,N-Dichloro-p-toluenesulfonamide	2435	Dicumacyl	2880
1,3-Dichloro-s-triazine-2,4,6(1H,3H,5H)trione potassium salt	6159	Dicumarol	2878
Dichlor-Stapenor	2038, 2039	Dicumol	2878
Dichlotride	4277, 7877	Dicumoxane	2873
Dichronic	4585	Dicuprene	1710
Dicirenone	74	Dicurin Procaine, component of	7260
Dickenson's Witch Hazel Formula	6864	2-(2,2-Dicyclohexylethyl)piperidine	7352, 7911, 9780
Diclobenin	4585	2-(2,2-Dicyclohexylethyl)piperidine maleate (1:1)	7353, 7912, 9781
Diclocil	2038, 2039	Dicyclomine	2712
Diclofenac	4584	Dicyclomine Hydrochloride	2713
Diclofenac Sodium	4585	Dicyclopentylacetic acid β-diethyl aminoethylester ethobromide	2724
Diclofensine	7989	2-[(Dicyclopropylmethyl)amino]-2-oxazoline	174, 4399
dicloguamine	6484, 7751	Dicycloverine	2712
Diclo-Phlogont	4585	Dicynene	8320
		Dicynone	8320
		Didakene	1224
		Didandin	2879
		Didanosine	6580
		Didecylmethyl[3-(trimethoxysilyl)propyl] ammonium chloride	6053
		3',4'-Didehydro-4'-deoxy-8'-norvincaleukoblastine	5393
		3',4'-Didehydro-4'-deoxy-8'-norvincaleukoblastine L-(+)-tartrate	5394
		7,8-Didehydro-4,5-epoxy-3-ethoxy-17-methyl-morphinan-6-ol	355
		7,8-Didehydro-4,5-epoxy-3-ethoxy-17-methyl-morphinan-6-ol hydrochloride dihydrate	356
		7,8-Didehydro-4,5-epoxy-3-ethoxy-17-methyl-morphinan-6-ol methiodode	357
		7,8-Didehydro-4,5α-epoxy-3-hydroxy-17-methyl-14-(pentylamino)morphinan-6-one	429
		7,8-Didehydro-4,5α-epoxy-3-methoxy-17-methyl morphinan-6α-ol	316
		7,8-Didehydro-4,5α-epoxy-3-methoxy-17-methyl morphinan-6α-ol 17-oxide	6386
		7,8-Didehydro-4,5α-epoxy-3-methoxy-	

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17-methyl morphinan-6 α -ol methyl bromide	318	lyxo-hexopyranosyl-(1 $\rightarrow$ 3)-2,6-dideoxy- β -D-arabino-hexopyranosyl)oxyl-3-(3,4-	
7,8-Didehydro-4,5 α -epoxy-3-methoxy-		4-dihydroxy-1-methoxy-2-oxopentyl)-3,4-	
17-methyl morphinan-6 α -ol monohydrate	315	dihydro-8,9-dihydroxy-7-methyl-1(2H)-	
7,8-Didehydro-4,5 α -epoxy-17-methylmorphinan-		anthracenone	5222
3,6 α -diol sulfate (2:1) (salt)	400	[2S-[2 α ,3 β (1R*,3R*,4S*)]]-6-[[2,6-Dideoxy-3-	
7,8-Didehydro-4,5 α -epoxy-17-methylmorphinan-		O-(2,6-dideoxy- β -D-arabino-hexopyranosyl)-	
3,6 α -diol sulfate (2:1) (salt) pentahydrate	401	β -D-arabino-hexopyranosyl]oxy]-2-[(O-2,6-	
(5 α ,6 α)-7,8-Didehydro-4,5-epoxy-17-methyl-3-		dideoxy-3-C-methyl- β -D-ribo-hexopyranosyl-	
[2-(4-morpholinyl)ethoxy]morphinan-6-ol	6433	(1 $\rightarrow$ 4)-O-2,6-dideoxy- α -D-lyxo-hexopyranosyl-	
(5 α ,6 α)-7,8-Didehydro-4,5-epoxy-17-methyl		(1 $\rightarrow$ 3)-2,6-dideoxy- β -D-arabino-hexopyranosyl)	
morphinan-3,6-diol di-3-pyridine		oxyl]-3-(3,4-dihydroxy-1-methoxy-2-oxopentyl)	
carboxylate (ester)	410	-3,4-dihydro-8,9-dihydroxy-7-methyl-1(2H)-	
(5 α ,6 α)-7,8-Didehydro-4,5-epoxy-17-methyl		anthracenone	5290
morphinan-3,6-diol diacetate (ester)	334	3,4-Dideoxy-4-[[2-hydroxy-1-(hydroxymethyl)ethyl]	
(5 α ,6 α)-7,8-Didehydro-4,5-epoxy-17-methyl		amino]-2-C-(hydroxymethyl)-D-epiinositol	238
morphinan-3,6-diol diacetate (ester)		3', 4'-dideoxykanamycin B	1826
hydrochloride monohydrate	335	2',3'-Dideoxyinosine	6580
(5 α ,6 α)-7,8-Didehydro-4,5-epoxy-3-methoxy		[2R-(2R,3S*,4R*,5R*,8R*,10R*,	
morphinan-6-ol	413	11R*,12S*,13S*,14R*)]-13-[(2,6-	
(5 α ,6 α)-Didehydro-4,5-epoxy-17-methylmorphinan-		Dideoxy-3-C-methyl-3-O-methyl- α -L-ribo-	
3,6-diol	398	hexopyranosyl]oxy]-2-ethyl-3,4,10-trihydroxy-	
(5 α ,6 α)-Didehydro-4,5-epoxy-17-methyl		3,5,6,8,10,12-heptamethyl-11-[[3,4,6-trideoxy-	
morphinan-3,6-diol hydrochloride	399	3-(dimethylamino)- β -D-xylo-hexopyranosyl]-	
7,8-Didehydro-4,5-epoxy-17-methyl-3-(phenyl		oxy]-1-oxa-6-azacyclotetradecan-15-one	2177
methoxy)morphinan-6-ol	301	(3S*,4S*,5S*,6R*,7R*,9R*,11R*,12R*,13S*,14R*)-	
9,10-Didehydro-N-[(S)-2-hydroxy-1-methylethyl]-		4-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- α -L-	
6-methylergoline-8 β -carboxamide	9031	ribohexopyranosyl)oxy]-14-ethyl-7,12,13-tri-	
9,10-Didehydro-N-[(S)-2-hydroxy-1-methylethyl]-		hydroxy-3,5,7,9,11,13-hexamethyl-6-[[3,4,6-	
6-methylergoline-8 β -carboxamide maleate		trideoxy-3-(dimethylamino)- β -D-xylohexo-	
(1:1) (salt)	9032	pyranosyl]oxy]oxacyclotetradecane-2,10-dione	2183
9,10-Didehydro-N-[(S)-1-(hydroxymethyl)propyl]-		3 β -[(2,6-Dideoxy-3-O-methyl- β -D-ribo-pyranosyl)-	
6-methylergoline-8 β -carboxamide	9035	oxyl]-5 β ,14-dihydroxy-19-oxocard-20(22)-	
9,10-Didehydro-N-[(S)-1-(hydroxymethyl)propyl]-		enolide	7436
6-methylergoline-8 β -carboxamide maleate		(3S,4S,5S,6R,7R,9R,11R,12R,13R,14R)-4-[(2,6-	
(1:1) (salt)	9036	Dideoxy-3-C-methyl- α -L-ribohexopyranosyl)-	
9,10-Didehydro-N-[(S)-1-(hydroxymethyl)propyl]-		oxyl]-14-ethyl-12,13-dihydroxy-3,5,7,9,11,13-	
6-methylergoline-8 β -carboxamide tartrate		hexamethyl-7-[[2,3,6-trideoxy-3-(dimethyl-	
(2:1) (salt)	9037	amino)- α -L-ribohexopyranosyl]oxy]-6-[[3,4,6-	
(+)-9,10-Didehydro-N-[1-(hydroxymethyl)propyl]-		trideoxy-3-(dimethylamino)- β -D-xylohexo-	
1-methyl-D-lysergamide	4977, 9494, 9510	pyranosyl]oxy]oxacyclotetradecane-2,10-dione	2196
(+)-9,10-Didehydro-N-[1-(hydroxymethyl)propyl]-		(3S,4S,5S,6R,7R,9R,11R,12R,13R,14R)-4-[(2,6-	
1-methyl-D-lysergamide hydrogen		Dideoxy-3-C-methyl- α -L-ribohexopyranosyl)-	
maleate	4978, 9495, 9511	oxyl]-14-ethyl-12,13-dihydroxy-3,5,7,9,11,13-	
3-(9,10-Didehydro-6-methylergolin-		hexamethyl-7-[[2,3,6-trideoxy-3-(dimethylamino)-	
8 α -yl)-1,1-diethylurea	4972, 7958, 7997, 9143	α -L-ribohexopyranosyl]oxy]-6-[[3,4,6-trideoxy-	
3-(9,10-Didehydro-6-methylergolin-8 α -		3-(dimethylamino)- β -D-xylohexopyranosyl]oxy]-	
yl)-1,1-diethylurea maleate	4973, 7959, 7998, 9155	oxacyclotetradecane-2,10-dione, compound	
16,17-Didehydro-19 α -methyloxayohimban-		with potassium dihydrogen phosphate (1:2)	2197
16-carboxylic acid methyl ester	4394	3-[(O-2,6-Dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-O-	
2-10-Di(demethoxy)-2-glucosyloxy-10-		2,6-dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-2,6-	
methylthiocolchicine	8922	dideoxy- β -D-ribohexopyranosyl]oxy]-12,14-	
4,,4'-Didemethyl-4,4'-di-2-propenyltoxiferine I	8805	dihydroxycard-20(22)-enolide	7443
2',3'-Dideoxycytidine	6660	3-[(O-2,6-Dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-	
[2S-[2 α ,3 β (1R*,3R*,4S*)]]-6-[[2,6-Dideoxy-		O-2,6-dideoxy- β -D-ribohexopyranosyl-(1 $\rightarrow$ 4)-	
3-O-(2,6-dideoxy- β -D-arabino-hexopyranosyl)-		2,6-dideoxy- β -D-ribohexopyranosyl]oxy]-14-	
β -D-arabino-hexopyranosyl]oxy]-2-[(O-2,6-		hydroxycard-20(22)-enolide	7442
dideoxy-3-C-methyl- β -D-ribo-hexo-		(3 β ,5 β ,16 β)-3-[(O-2,6-Dideoxy- β -D-ribohexo-	
pyranosyl-(1 $\rightarrow$ 4)-O-2,6-dideoxy- α -D-			

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pyranosyl-(1→4)-O-2,6-dideoxy-β-D-ribo-			
hexopyranosyl-(1→4)-2,6-dideoxy-β-D-ribo-			
hexopyranosyl)oxy]-14,16-dihydroxycard-			
20(22)-enolide	7463		
Didione	2934		
didoc	3786, 7399, 7821		
Didrate	340		
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Didrogyl	7369		
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Dienestrol Diacetate	8112		
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Dienogest	9081		
Dienol	8111, 9081		
Diepin	6758		
1,2:15,16-Diepoxy-4,7,10,13-tetraoxahexadecane	5141		
1,2:3,4-diepoxybutane polymer with ethyleneimine	1135		
Diergo	4955, 9483		
Diet Gard, component of	159, 1100, 7791		
dietamiphylline	7163		
Diethadione	2926, 7670		
Diethazine	2714, 5472		
Diethazine Hydrochloride	2715, 5473		
7,12-Diethenyl-3,8,13,17-tetramethyl-			
21H,23H-porphine-2,18-dipropanoic acid	8360		
diethoxin	985		
1-(3,4-Diethoxybenzyl)-6,7-diethoxyisoquinoline	6194		
1-(3,4-Diethoxybenzyl)-6,7-diethoxy-			
isoquinoline hydrochloride	6195		
1,1-Diethoxyethane	9278		
4-[2-(3,5-Diethoxyphenoxy)ethyl]morpholine	9750		
4-[2-(3,5-Diethoxyphenoxy)ethyl]-			
morpholine monohydrochloride	9751		
diethyl acetal	9278		
2-(Diethyl acetal) glyoxylic acid 3 ² ester			
doxorubicinb	5097		
N'-(3,3-Dimethylacroyl)sulfanilamide	2460		
2-(Diethylamino)-2',6'-acetoxylidide	967, 1602		
2-(Diethylamino)-2',6'-acetoxylidide hydrochloride	968		
2-(Diethylamino)-2',6'-acetoxylidide			
hydrochloride monohydrate	1603		
2-Diethylamino benzilate hydrochloride	2668		
4-(Diethylamino)-2-butynyl α-phenylcyclo-			
hexaneglycolate	2781		
4-(Diethylamino)-2-butynyl α-phenylcyclo-			
hexaneglycolate hydrochloride	2782		
3-Diethylaminobutyranilide	979		
3-Diethylaminobutyranilide hydrochloride	980		
N-[3-(Dimethylamino)-1,3-dimethylbutyl]-6,7-			
dimethoxy-2,1-benzoxathian-3-carboxamide			
1,1-dioxide	3289		
3-(Dimethylamino)-6,8-difluoro-1,2,3,4-			
tetrahydrocarbazole		5755	
(±)-4-Diethylamino-1,1-dimethylbut-2-yn-			
1-yl 2-cyclohexyl-2-hydroxy-2-phenylacetate		2827	
2-(Diethylamino)-N-(2,6-dimethylphenyl)			
acetamide hydrochloride monohydrate		5377	
3-(Dimethylamino)-2,2-dimethyl-1-propanol			
p-aminobenzoate		939	
3-(Diethylamino)-2,2-dimethylpropyl ester		2654	
3-(Diethylamino)-2,2-dimethylpropyl ester			
phosphate (salt)		2655	
3-Diethylamino-1,2-dimethylpropyl p-			
isobutoxybenzoate		9752	
3-Diethylamino-1,2-dimethylpropyl p-			
isobutoxybenzoate monohydrochloride		9753	
6-(2-Diethylaminoethoxy)-2-dimethylamino			
benzothiazole dihydrochloride		3671	
2-[2-(Diethylamino)ethoxy]ethyl-3-amino-4-			
butoxybenzoate		907	
2-[2-(Diethylamino)ethoxy]ethyl-3-amino-4-			
butoxybenzoate hydrochloride		908	
2-[2-(Diethylamino)ethoxy]ethyl 2-phenylbutyrate		6370	
2-[2-(Diethylamino)ethoxy]ethyl 2-phenylbutyrate			
citrate (1:1)		6371	
2-(2-Diethylaminoethoxy)ethyl 2-ethyl-2-			
phenylbutyrate		6427	
2-(2-Diethylaminoethoxy)ethyl 2-ethyl-2-			
phenylbutyrate citrate (1:1)		6428	
2-Diethylaminoethyl 4-amino-2-butoxybenzoate		898	
2-Diethylaminoethyl 4-amino-2-butoxybenzoate			
hydrochloride		899	
2-(Diethylamino)ethyl 4-amino-3-butoxybenzoate		904	
2-(Diethylamino)ethyl 4-amino-3-			
butoxybenzoate hydrochloride		905	
2-(Diethylamino)ethyl 4-amino-2-chlorobenzoate		926	
2-(Diethylamino)ethyl 4-amino-2-			
chlorobenzoate hydrochloride		927	
2-(Diethylamino)ethyl 4-amino-2-propoxybenzoate		1011	
2-(Diethylamino)ethyl 4-amino-2-			
propoxybenzoate hydrochloride		1012	
1-[[2-(Diethylamino)ethyl]amino]-4-(hydroxy-			
methyl)-9H-thioxanthen-9-one		1183	
1-[[2-(Diethylamino)ethyl]amino]-4-methyl-9H-			
thioxanthen-9-one hydrochloride		1190	
2-(Diethylamino)ethyl p-aminobenzoate		1001	
2-(Diethylamino)ethyl p-aminobenzoate butyrate		1002	
2-(Diethylamino)ethyl p-aminobenzoate			
hydrochloride		1004	
2-(Diethylamino)ethyl p-aminobenzoate			
hydrochloride dihydrate		1003	
2-(Diethylamino)ethyl p-aminobenzoate nitrate		1005	
2-(Diethylamino)ethyl 3-amino-4-propoxy benzoate		1007	
2-(Diethylamino)ethyl 3-amino-4-propoxy			
benzoate hydrochloride		1008	
2-Diethylaminoethyl benzilate		3038	
2-Diethylaminoethyl benzilate methobromide		3040	
2-Diethylaminoethyl benzilate monohydrochloride		3039	
α-(2-Diethylaminoethyl)benzyl benzoate		1006	
2-(Diethylamino)ethyl [bicyclohexyl-1-carboxylate		2712	

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2-(Diethylamino)ethyl [bicyclohexyl-1-carboxylate hydrochloride	2713	3-[2-(Diethylamino)ethyl]-1-isopropyl-1-[2-(phenylsulfonyl)ethyl]urea	1672
4'-[[2-(Diethylamino)ethyl]carbamoyl]acetanilide	1493	3-[2-(Diethylamino)ethyl]-1-isopropyl-1-[2-(phenylsulfonyl)ethyl]urea maleate (1:1)	1673
4'-[[2-(Diethylamino)ethyl]carbamoyl]acetanilide monohydrochloride	1494	N-[2-(Diethylamino)ethyl]-p-menthanesulfonamidobenzenesulfonamide	1667
diethylaminoethyl dextran	4048	N-[2-(Diethylamino)ethyl]-p-menthanesulfonamidobenzenesulfonamide monohydrochloride	1668
7-[2-(Diethylamino)ethyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione	7163	[[3-[2-(Diethylamino)ethyl]-4-methyl-2-oxo-2H-1-benzopyran-7-yl]oxy]acetic acid ethyl ester	9730
7-[2-(Diethylamino)ethyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione camphorsulfonate	7164	[[3-[2-(Diethylamino)ethyl]-4-methyl-2-oxo-2H-1-benzopyran-7-yl]oxy]acetic acid ethyl ester hydrochloride	9731
7-[2-(Diethylamino)ethyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione heparinate	7165	N-[2-(Diethylamino)ethyl]-5-(methylsulfonyl)-o-anisamide	3507
7-[2-(Diethylamino)ethyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione iodomethylate	7167	N-[2-(Diethylamino)ethyl]-5-(methylsulfonyl)-o-anisamide hydrochloride	3508
7-[2-(Diethylamino)ethyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione monohydrochloride	7166	N-[2-(Diethylamino)ethyl]-2-(p-methoxyphenoxy)acetamide	7702
2-(Diethylamino)ethyl-(2S,5R,6R)-6-(2,6-dimethoxybenzamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate	2143	2-Diethylaminoethyl 1-phenylcyclopentane-1-carboxylate	2689
2-(Diethylamino)ethyl diphenyl acetate	2643, 8801	2-Diethylaminoethyl 1-phenylcyclopentane-1-carboxylate ethanedisulfonate	2690
2-(Diethylamino)ethyl diphenyl acetate hydrochloride	2644, 8802	2-Diethylaminoethyl 1-phenylcyclopentane-1-carboxylate hydrochloride	2691
2-(Diethylamino)ethyl diphenylacetate methobromide	2645	2-Diethylaminoethyl 1-phenylcyclopentane-2,2-diphenylglutarimide	2794
2-Diethylaminoethyl diphenyl acetate methyl bromide	8803	2-Diethylaminoethyl 2-phenylglutarimide hydrochloride	2795
2-Diethylaminoethyl 2,2-diphenylpropionate	2660	N-[2-(Diethylamino)ethyl]-2-phenylglycine isopentyl ester	2687
N-[2-(Diethylamino)ethyl]-S,S-diphenylsulfoximine	7250	N-[2-(Diethylamino)ethyl]-2-phenylglycine isopentyl ester dihydrochloride	2688
N-[2-(Diethylamino)ethyl]-S,S-diphenylsulfoximine oxalate (1:1)	7251	2-Diethylaminoethyl α-phenyl-1-piperidineacetate dihydrochloride	6174
S-[2-(Diethylamino)ethyl] diphenylthioacetate	2828, 8923	2-Diethylaminoethyl α-phenyl-1-piperidineacetate hydrochloride	6173
S-[2-(Diethylamino)ethyl] diphenylthioacetate hydrochloride	2829, 8924	2-Diethylaminoethyl α-phenyl-1-piperidineacetate monohydrochloride	6175
S-[2-(Diethylamino)ethyl] diphenylthiocarbamate	2791	2-(Diethylamino)ethyl nicotinate	9696, 9856
S-[2-(Diethylamino)ethyl] diphenylthiocarbamate hydrochloride	2792	2-(Diethylamino)ethyl nicotinate citrate monohydrate	9697, 9857
S-[2-(Diethylamino)ethyl] diphenylthiocarbamate-1,5-naphthalene disulfonate	2793	10-(2-Diethylaminoethyl)phenothiazine	2714, 5472
2-(Diethylamino)ethyl ester tetrahydro-α-(1-naphthalenylmethyl)-2-furan-propanic acid	9694, 9853	10-(2-Diethylaminoethyl)phenothiazine hydrochloride	2715, 5473
2-(Diethylamino)ethyl ester tetrahydro-α-(1-naphthalenylmethyl)-2-furan-propionate oxalate (1:1)	9695, 9854, 9855	2-(Diethylamino)ethyl 2-phenylbutyrate	6372
1-(2-Diethylaminoethyl)-2-(p-ethoxybenzyl)-5-nitrobenzimidazole	359	2-(Diethylamino)ethyl 2-phenylbutyrate citrate (1:1)	6373
2-(Diethylamino)ethyl 2-hydroxy-3-biphenylcarboxylate	909, 2251, 3638	2-(Diethylamino)ethyl α-phenylcyclohexaneacetate	6191
2-(Diethylamino)ethyl 2-hydroxy-3-biphenylcarboxylate hydrochloride	910, 2252, 3639	2-(Diethylamino)ethyl α-phenylcyclohexaneacetate hydrochloride	6192
4-[2-(Diethylamino)ethyl]-5-imino-3-phenyl-Δ ² -1,2,4-oxadiazoline	1420	5-[2-(Diethylamino)ethyl]-3-phenyl-1,2,4-oxadiazole	6429
4-[2-(Diethylamino)ethyl]-5-imino-3-phenyl-Δ ² -1,2,4-oxadiazoline hydrochloride	1421	5-[2-(Diethylamino)ethyl]-3-phenyl-1,2,4-oxadiazole citrate	6430
2-(Diethylamino)ethyl 1-isopentylcyclohexane-carboxylate	8861	1-[2-(diethylamino)ethyl]reserpine	4148
2-(Diethylamino)ethyl 1-isopentylcyclohexane-carboxylate hydrochloride	8862	N-[2-(Diethylamino)ethyl]salicylamide	749
		N-[2-(Diethylamino)ethyl]salicylamide	

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maleate (1:1) salt	750	Diethyl (p-2-benzothiazolylbenzyl)- phosphonate	9684, 9834
(3R,4R,5E,10E,12E,14S,26R,26aS)-26- [[2-(Diethylamino)ethyl]sulfonyl]-8,9,14, 15,24,25,26,26a-octahydro-14-hydroxy- 3-isopropyl-4,12-dimethyl-3H-21,18-nitrilo- 1H,22H-pyrrolo[2,1-c][1,8,4,19]-dioxo- diazacyclotetracosine-1,7,16,22(4H,17H)- tetrone	2321	Diethylbromoacetamide	9350
(±)-N-[3-(Diethylamino)-2-hydroxypropyl]-3- methoxy-1-phenylindole-2-carboxamide	1583	Diethylcarbamazine	1169
α-[(Diethylamino)methyl]benzyl alcohol		Diethylcarbamazine Citrate	1170
benzoate (ester)	2728	6-(Diethylcarbamoyl)-3-cyclohexene- 1-carboxylic acid compound with 4-[[2-(dimethylamino)ethyl]amino]-6- methoxyquinoline (2:1)	8907
2-(Diethylamino)-4-methyl-1-pentanol		3-Diethylcarbamoyl-1-methylpyridinium camphorsulfonate	7429, 7652
p-aminobenzoate (ester)	963	N-[(Diethylcarbamoyl)methyl]-3,4,5- trimethoxybenzamide	9458
7-(Diethylamino)-5-methyl-2-triazolo[1,5-a] pyrimidine	9791	Diethyl N,N'-(2-chloro-5-cyano-m- phenylene)dioxamate	1270, 1765
(±)-11-[[2-[(Diethylamino)methyl]piperidino] acetyl]-5,11-dihydro-6H-pyrido[2,3-b][1,4] benzodiazepin-6-one	2779	(±) Diethyl [1-[3-(2-chloroethyl)-3- nitrosoureido]ethyl]phosphonate	5157
10-[3-(Diethylamino)propionyl]-2-(trifluoromethyl) phenothiazine	3131	Diethyl 1',4'-dihydro-2',6'-dimethyl-2- (methylthio)[3,4'-bipyridine]-3',5'-dicarboxylate	7338
10-[3-(Diethylamino)propionyl]-2-(trifluoromethyl) phenothiazine hydrochloride	3132	5,5-Diethyldihydro-2H-1,3-oxazine-2,4(3H)- dione	2926, 7670
2-(Diethylamino)propiophenone	1066, 7671	N,N-Diethyl-2-[(1,2-dihydro-5,6,7,19,21- pentahydroxy-23-methoxy-2,4,12,16,18, 20,22-heptamethyl-1,11-dioxo-2,7-(epoxy- pentadeca[1,11,13]trienimino)naphtho [2,1-b]furan-9-yl)oxy]acetamide 21-acetate	1879
2-(Diethylamino)propiophenone hydrochloride	1067, 7672	5,5-Diethyldihydro-2-thioxo-4,6(1H,5H)- pyrimidinedione	4465
3-(Diethylamino)propiophenone O-[(p-methoxy- phenyl)carbamoyl]oxime	492	diethylenediamine	1206
1-[[3-(Diethylamino)propyl]amino]-9-methoxy-5,11- dimethyl-6H-pyrido[4,3-b]carbazole	5304	diethylenediamine sultosylate	4091
10-[[3-(Diethylamino)propyl]amino]-6-methyl-5H- pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinoline	5272	diethylene imidoxide	670, 5947
N-[3-(Diethylamino)propyl]-4,5-diphenyl- pyrazole-1-acetamide	1599	diethylene oximide	670, 5947
N-[3-(Diethylamino)propyl]-4,5-diphenyl- pyrazole-1-acetamide fumarate	1600	diethylenetriamine pentaacetic acid	7538
2-[3-(Diethylamino)propyl]-8,8-dipropyl-2- azaspiro[4.5]decane	4535	S,S-Diethyl ester of 1,3-dithioisophthalic acid	2164
2-[3-(Diethylamino)propyl]-8,8-dipropyl-2- azaspiro[4.5]decane dihydrochloride	4536	2,2'-[(1,2-Diethyl-1,2-ethanediy)bis(4,1- phenyleneoxy)]bis[N,N-diethylethanamine]	9755
2-[3-(Diethylamino)propyl]-8,8-dipropyl-2- azaspiro[4.5]decane dimaleate	4537	2,2'-[(1,2-Diethyl-1,2-ethanediy)bis(4,1- phenyleneoxy)]bis[N,N-diethyl- ethanamine] Dihydrochloride	9756
2-[3-(Diethylamino)propyl]-8,8-dipropyl-2- azaspiro[4,5]decane dihydrochloride	1696	(E)-4,4'-(1,2-Diethyl-1,2-ethenediy)bisphenol	8113
2-[3-(Diethylamino)propyl]-8,8-dipropyl-2- azaspiro[4,5]decane maleate (1:2)	1697, 8395	(E)-4,4'-(1,2-Diethyl-1,2-ethenediy)bisphenol diphosphate	8114, 8139
2-[3-(Diethylamino)propyl]-8,8-dipropyl-2- azaspiro[4.5]decane maleate (1:2)	8395	(E)-4,4'-(1,2-Diethyl-1,2-ethenediy)bisphenol diphosphate tetrasodium salt	8140
10-[2-(Diethylamino)propyl] phenothiazine	2731, 5480	(E)-1,1'-(1,2-Diethyl-1,2-ethenediy)bis[4- methoxybenzene]	8115
10-[2-(Diethylamino)propyl] phenothiazine monohydrochloride	2732, 5481	diethyl ether	852
3-(Diethylamino)propyl 2-phenyl-2- norbornanecarboxylate	2682	4,4'-(1,2-Diethylethylene)di-o-cresol	8146
3-Diethylamino-1,1-di-(2'-thienyl)-1-butene	338	4,4'-(1,2-Diethylethylene)diphenol	8141
3-Diethylamino-1,1-di-(2'-thienyl)-1-butene hydrochloride	339	4,4'-(1,2-Diethylethylene)diphenol diphosphate	8142
2-Diethylamino-2',4',6'-trimethylacetanilide "	1032	21-N,N-diethylglycinate	8705
Diethyl 4-(4-benzofurazanyl)-1,4-dihydro-2,6- dimethyl-3,5-pyridinedicarboxylate	7139	N,N-Diethylglycine (11β)-11,17-dihydroxy- 3,20-dioxopregn-4-en-21-yl ester	8675
		N,N-Diethylglycine (11β)-11,17-dihydroxy- 3,20-dioxopregn-4-en-21-yl ester hydrochloride	8676
		N,N-Diethylglycine 4-(acetylamino)phenyl ester	736, 5964
		N,N-diethylglycine 4-(acetylamino)phenyl ester hydrochloride	737, 5965

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N,N-Diethyl-1,3,4,6,7,11b-hexahydro-2-hydroxy-9,10-dimethoxy-2H-benzo[a]quinolizine 3-carboxamide acetate (ester)	3523	4,4'-(1,2-Diethyl-3-methyltrimethylene)diphenol	8106
1,1-Diethyl-3-[(hydroxydiphenylacetyl)oxy]pyrrolidinium bromide	2673	N,N-Diethylnicotinamide	9257
Diethyl(2-hydroxyethyl)amine benzilate	2667	N,N-Diethyl-3-phenyl-2-hydroxy-1,2,3-propanetricarboxylate-1,2,4-oxadiazole-5-ethanamine	4711
Diethyl(2-hydroxyethyl)methylamine xanthene-9-carboxylate	2768	N,N-Diethyl-3-phenyl-1,2,4-oxadiazole-5-ethanamine	4710
Diethyl(2-hydroxyethyl)methylammonium bromide α -phenylcyclohexane glycolate	2785	N,N-Diethyl-3-(1-phenylpropyl)-1,2,4-oxadiazole-5-ethanamine	6239
Diethyl(2-hydroxyethyl)methylammonium bromide benzilate	2775, 3186	N,N-Diethyl-3-(1-phenylpropyl)-1,2,4-oxadiazole-5-ethanamine citrate	6240
Diethyl(2-hydroxyethyl)methylammonium bromide p-[o-(oxyloxy)benzamido]benzoate	2780, 7349	5,5-Diethyl-1-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione	2977
Diethyl(2-hydroxyethyl)methylammonium bromide xanthene-9-carboxylate	2769	3,3-Diethyl-2,4-piperidinedione	6439, 9425
Diethyl(2-hydroxyethyl)octyl ammonium bromide dicyclopentylacetate	2283, 5276	1,1-Diethyl-3-(6-propylergolin-8 α -yl)urea	7967
Diethyl-5,5'-[(2-hydroxytrimethylene)dioxy]bis[40oxo-4H-benzopyran-2-carboxylate] ester with L-lysine	1747	N,N-Diethyl-3-pyridinecarboxamide	7707
4,4'-(1,2-Diethylidene-1,2-ethanediyl)bisphenol	8111	5,5-Diethyl-2,4,6(1H,3H,5H)-pyrimidinetrione	9295
4,4'-(1,2-Diethylidene-1,2-ethanediyl)bisphenol diacetate	8112	5,5-Diethyl-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt	9296
N,N-Diethyllysergamide	5786	3,3-Diethyl-2,4(1H,3H)-pyridinedione	9432
diethylmalonylurea	9295	($\pm$)-N,N-Diethyl-N'-[(3R*,4aR*,10a5*)-,1,2,3,4,4a,5,10,10a-octahydro-6-hydroxy-1-propylbenzo[g]quinolin-3-yl)sulfamide	7968, 8011, 9146
Diethyl mercaptosuccinate 5-ester with O,O-dimethyl phosphorodithioate	8034	($\pm$)-N,N-Diethyl-N'-[(3R*,4aR*,10a5*)-,1,2,3,4,4a,5,10,10a-octahydro-6-hydroxy-1-propylbenzo[g]quinolin-3-yl)sulfamide hydrochloride	7969, 8012, 9147
N,N-Diethyl-N''-(1-methoxy-2-indanyl)-N''-phenyl-1,3-propanediamine	1621	diethyl oxide	852
N,N-Diethyl-2-[2-methoxy-4-(2-propenyl)phenoxy]acetamide	868	2,2-Diethyl-4-pentenamide	9412
N,N-Diethyl-N'-{(6-methoxy-8-quinoliny)-1,3-propanediamine	4926	diethylphenazol	4592
N',N'-Diethyl-N'-{(6-methoxy-8-quinoliny)-1,4-pentanediamine	4923	Diethylpropion	1066, 7671
5,5-Diethyl-1-methylbarbituric acid	2960	Diethylpropion Hydrochloride	1067, 7672
N,N-Diethyl-3-methylbutyramide	9385	α,α' -diethyl-(E)-4,4'-stilbenediol bis(dihydrogen phosphate)	5166, 5325
N,N-Diethyl-N'-{(6-methylergolin-8 α -yl)-sulfamide	7953	diethylstilbesterol bisphosphate	5166
1,1-Diethyl-3-(6-methylergolin-8 α -yl)urea	5521, 9148	Diethylstilbestrol	8113
1,1-Diethyl-3-(6-methylergolin-8 α -yl)urea maleate	5522, 9149	Diethylstilbestrol bisphosphate	5325, 8114
N,N-Diethyl-N-methyl-2-(3-methyl-2-phenylvaleryloxy)ethylammonium bromide	2858	Diethylstilbestrol Diphosphate	8114
N,N-Diethyl-2-[2-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenoxy]ethanamine	6215	diethylstilbestryl bisphosphate	5166, 5325
N,N-Diethyl-2-[2-(2-methyl-5-phenyl-1H-pyrrol-1-yl)phenoxy]ethanamine hydrochloride	6216	p-Diethylsulfamoylbenzoic acid	9650
Diethylmethyl[(2-[[4-[p-(phenylthio)phenyl]-3H-1,5-benzodiazepin-2-yl]thio]ethyl]ammonium iodide	6152	1,8-Diethyl-1,3,4,9-tetrahydropyranol [3,4-b]indole-1-acetic acid	584, 4603
N,N-Diethyl-4-methyl-1-piperazinecarboxamide	1169	N,N-Diethyl-N-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethyl]benzene methanaminium chloride	6120
N,N-Diethyl-4-methyl-1-piperazinecarboxamide citrate	1170	Diethylthiambutene	338
3,3-Diethyl-2-methyl-2,4-piperidinedione	9403	Diethylthiambutene Hydrochloride	339
		N,N-Diethylvanillamide	7678, 9249
		diethyl xanthogenate	8029
		Difacil	2643, 8801
		Difacil hydrochloride	2644, 8802
		Difaterol	4029
		Difebarbamate	9351
		Difemerine	2716, 6185
		Difemerine Hydrochloride	2717, 6186
		Difemetorex	1068
		Difenamizole	559, 4586

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Difenax	4587	16-methyl-3-oxo-17-(oxopropoxy)androsta-	
Difenidolin	3541	1,4-diene-17-carbothioic acid S-methyl ester	8724
difenoxilic acid	3430	(6 α ,11 β ,16 α)-6,9-Difluoro-11-hydroxy-16-	
Difenoxin	3430	methyl-3-oxoandrosta-1,4-diene-17-	
difenoxylic acid	3430	carbothioic acid S-methyl ester	8723
Difenpiramide	4587	5-(Difluoromethoxy)-2-[[[(3,4-dimethoxy-2-	
Difetarsone	1171	pyridyl)methyl]sulfinyl]benzimidazole	6502, 8186
Difetarsone	1329	5-(Difluoromethoxy)-2-[[[(3,4-dimethoxy-2-	
Differin Gel	1231	pyridyl)methyl]sulfinyl]benzimidazole	
Difflam	508, 2676, 4544, 5911	sodium salt	8187
Difflam Cream	2676	6-[4-(Difluoromethoxy-3-methoxyphenyl)-	
Difflam Oral Rinse	2676	3(2H)-pyridazinone	1798, 7279
Diffumal	7260	2-(Difluoromethyl)-DL-ornithine	5116, 5536
Difhydan	2983	2-(Difluoromethyl)-DL-ornithine	
Diflorasone	4838, 8650	hydrochloride monohydrate	5117, 5537
Diflorasone Diacetate	4839, 8651	2-(Difluoromethyl)-L-ornithine	5572
Difloxacin	2386	2-(Difluoromethyl)-L-ornithine	
Difloxacin Hydrochloride	2387	Monohydrochloride Monohydrate	5573
Difluanine	7673	6 α ,9 α -difluoro-16 β -methylprednisolone	4838, 9650
Difluanine Hydrochloride	7674	($\pm$)-2-Difluoromethyl 1,2,2,2-tetrafluoroethyl ether	850
Diflucan	3685	(6R-cis)-7-[[[(Difluoromethyl)thio]acetyl]	
Diflucortolone	4840, 8652	amino]-3-[[[1-(2-hydroxyethyl)-1H-	
Diflucortolone Pivalate	4841, 8653	tetrazol-5-yl]thio]methyl]-7-methoxy-	
Difludol	560, 4590	8-oxo-5-oxa-1-azabicyclo[4.2.0]oct-2-	
Diflumidone	4588	ene-2-carboxylic acid	2044
Diflumidone Sodium	4589	N-[6-(2,4-Difluorophenoxy)-1-oxo-5-	
Diflunisal	560, 4590	indanyl]methanesulfonamide	4622
Difluorex	7931	2-(2,4-Difluorophenyl)-4,5-bis(p-methoxy	
2-($\pm$)-cis-1-[[3-[(2,6-Difluorobenzyl)oxy]-5-		phenyl]imidazole	4613
fluoro-2,3-dihydrobenzo[b]thien-2-yl]		($\pm$)-1-(2,4-Difluorophenyl)-6-fluoro-1,4-	
methyl]imidazole	3660	dihydro-7-(3-methyl-1-piperazinyl)-4-	
2,2'-(3,3'-Difluoro-4,4'-biphenylene)dinitrolo]		oxo-3-quinolinecarboxylic acid	2422
dipyridoline	1339	($\pm$)-1-(2,4-Difluorophenyl)-6-fluoro-1,4-	
2,4-Difluoro- α , α -bis(1H-1,2,4-triazol-1-yl		dihydro-7-(3-methyl-1-piperazinyl)-4-oxo-	
methyl)benzyl alcohol	3685	3-quinolinecarboxylic acid hydrochloride	2423
20',20'-Difluoro-3',4'-dihydrovinorelbine	5386	2,7-Difluorospiro[fluorene-9,4'-imidazolidine]-	
(6 α ,11 β ,16 α)-6,9-Difluoro-11,21-dihydroxy-		2',5'-dione	66
16,17-[(1-methylethylidene)bis(oxy)]		(6 α ,11 β ,16 α)-6,9-Difluoro-11,17,21-	
pregna-1,4-diene-3,20-dione	4850, 8664	trihydroxy-16-methylpregna-1,4-	
(6 α ,11 β ,16 α)-6,9-Difluoro-11,21-dihydroxy-		diene-3,20-dione	4847, 8657
16-methylpregna-1,4-diene-3,20-dione	4840, 8652	(6 α ,11 β ,16 α)-6,9-Difluoro-11,17,21-	
(6 α ,11 β ,16 α)-6,9-Difluoro-11,21-dihydroxy-		trihydroxy-16-methylpregna-	
16-methylpregna-1,4-diene-3,20-dione		1,4-diene-3,20-dione 21-acetate	4848, 8658
21 pivalate	4841, 8653	(6 α ,11 β ,16 α)-6,9-Difluoro-11,17,21-	
6,8-Difluoro-1-(2-fluoroethyl)-1,4-dihydro-7-		trihydroxy-16-methylpregna-	
(4-methyl-1-piperazinyl)-4-oxo-3-quinoline		1,4-diene-3,20-dione 21-pivalate	4849, 8659
carboxylic acid	2392	(6 α ,11 β ,16 β)-6,9-Difluoro-11,17,21-	
2',4'-Difluoro-4-hydroxy-3-biphenyl		trihydroxy-16-methylpregna-1,4-	
carboxylic acid	560, 4590	diene-3,20-dione	4838, 8650
(6 α ,11 β ,16 α)-6,9-Difluoro-11-hydroxy-		Difluprednate	4842
21,21-dimethoxy-16,17-[(1-methyl-		Diflupyl	7609
ethylidene)bis(oxy)]pregna-1,4-diene-		Diflurex	9662
3,20-dione	8660	Difoafonal	5419, 7094, 7376
(6 α ,11 β ,16 α)-6,9-Difluoro-11-hydroxy-		Difosfocin	9672
16,17-[(1-methylethylidene)bis(oxy)]-		Diftalone	4591
21-(1-oxopropoxy)pregna-1,4-diene-		Difulal	4839, 8651
3,20-dione	8722	Digacin	7443
(6 α ,11 β ,16 α)-6,9-Difluoro-11-hydroxy-		Di-Gel Liquid, component of	1111, 1129, 4103, 8521

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Di-Gel Tablets, component of	1111, 1129, 4103, 8521, 9194	4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta [1,2-b]thien-4-ylidene)-1-methylpiperidine	
digenic acid	1185	malate	276, 4985
Digenin	1185	(S)-1-[2-(2,3-Dihydro-5-benzofuranyl)ethyl]- α,α -diphenyl-3-pyrrolidineacetamide	2706
Digerent	2851, 6260	1,3-Dihydro-1,3-bis(hydroxymethyl)-2H- benzimidazole-2-thione	4464
Digicor	7442	22,23-dihydro C-076B	1184
Digiglusin	7441	Dihydrocodeine	340
digilanide A	7475	Dihydrocodeine Bitartrate	341
digilanide B	7476	dihydrocodeinone	364
digilanide C	7477	Dihydrocodeinone Enol Acetate	342
digilanide D	7478	dihydrocodeinone enol acetate	460
Digilong	7442	dihydrocodeinone enol acetate hydrochloride	461
Digimed	7442	2',3'-Dihydro-3'-deoxythymidine	6642
Digimerck	7442	1'-[3-(10,11-Dihydro-5H-dibenz[b,f]azepin- 5-yl)propyl]-(1,4'-bipiperidine)-4'- carboxamide	5714
Diginorgin	7440	1'-[3-(10,11-Dihydro-5H-dibenz[b,f]azepin- 5-yl)propyl]-(1,4'-bipiperidine)-4'- carboxamide dihydrochloride monohydrate	5715
Digipural	7442	10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-one O-[2-dimethyl- amino]ethyl]oxime	3218
Digisidin	7442	10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-one O-[2-dimethyl- amino]ethyl]oxime monohydrochloride	3219
Digitalin	7440	3-(10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-ylidene)-1-ethyl- 2-methylpyridine	5500
Digitaline Nativele	7442	3-[10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-yloxy]tropane	2707
digitalinum true	7440	3-[10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-yloxy]tropane citrate	2708
digitalinum verum	7440	2-[(10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-yl)oxy]-N,N-dimethylacetamide	3230
Digitalis	7441	10,11-Dihydro-5H-dibenzo[a,d] cycloheptene-5-carboxamide	2922
Digitfortis	7441	7-[10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-yl]amino]heptanoic acid	7637
digitophyllin	7442	7-[10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-yl]amino]heptanoic acid hydrochloride	7636
Digitora	7441	1a,10b-Dihydrodibenzo[a,e]cyclopropa [c]cyclohepten-6(1H)one O- (2-aminoethyl)oxime	3179
Digitoxin	7442	3-(10,11-Dihydro-5H-dibenzo-[a,d] cyclohepten-5-ylidene)-N,N-dimethyl- 1-propanamine	3026
Diglycidyltriethylene glycol	5141	3-(10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-ylidene)-N,N-dimethyl- 1-propanamine N-oxide	3028
Dignonitrat	9760	2-methylpyridine hydrochloride	5501
Digoxin	7443		
diguaiacyl carbonate	8166		
Diguanyl	4899		
Dihexyverine	2718		
Dihexyverine Hydrochloride	2719		
Dihycon	2983		
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Dihydralazine	4213		
Dihydralazine mesylate [as methanesulfonate]	4214		
Dihydralazine Sulfate	4214		
Dihydralazine sulfate hemipentahydrate	4214		
1,4-Dihydrazinophthalazine	4213		
1,4-Dihydrazinophthalazine hydrogen sulfate	4214		
Dihydrax	4140, 7840		
Dihydrin	340		
2-(2,3-Dihydro-5-acetoxy-4,6,7- tribenzofuranyl)acetic acid	9958		
dihydroartemisinin ethyl ether	4889		
dihydroartemisinin methyl ether	4891		
5,14-Dihydrobenz[5,6]isoindolo[2,1-b] isoquinoline-8,13-dione	5234		
4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta [1,2-b]thien-4-ylidene)-1-methylpiperidine	274, 4983		
4-(9,10-Dihydro-4H-benzo[4,5]cyclohepta [1,2-b]thien-4-ylidene)-1-methylpiperidine hydrochloride	275, 4984		

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3-(10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-ylidene)-N-methyl- 1-propanamine	3216	10,11-Dihydro-5-(3-(dimethylamino)propyl)- 5H-dibenz[b,f]azepine N-oxide	3151
3-(10,11-Dihydro-5H-dibenzo[a,d] cyclohepten-5-ylidene)-N-methyl- 1-propanamine hydrochloride	3217	10,11-Dihydro-5-(3-(dimethylamino)propyl)- 5H-dibenz[b,f]azepine N-oxide hydrochloride	3152
4-(10,11-Dihydro-5H-dibenzo[a,d] [cyclohepten-5-yloxy]-1-methylpiperidine	2743, 3144	10,11-Dihydro-5-(3-(dimethylamino)propyl)- 5H-dibenz[b,f]azepine pamoate	3153
3-(2-Dimethylaminoethyl)indol-4-yl dihydrogen phosphate	5849	10,11-Dihydro-N,N-dimethyl-5H-dibenz[b,f] azepine-5-propanamine hydrochloride	1686
endo-3-[(10,11-Dihydro-5H-dibenzo [a,d]cyclohepten-5-yl)oxy]-8-methyl- 8-azabicyclo[3.2.1]octane	3899	4,9-Dihydro-1,3-dimethyl-4-[(4-methyl-1- piperazinyl)acetyl]pyrazolo[4,3-b][1,5] benzodiazepin-10H)-one	8209
endo-3-[(10,11-Dihydro-5H-dibenzo [a,d]cyclohepten-5-yl)oxy]-8-methyl-8- azabicyclo[3.2.1]octane citrate	3900	3,7-Dihydro-1,3-dimethyl-7-(4-morpholinyl methyl)-1H-purine-2,6-dione	7899
(±)-N-(6,11-Dihydrodibenzo[b,e]thiepin- 11-yl)-4-(p-fluorophenyl)-1-piperazine butyramide	1436, 1617	1,4-Dihydro-2,6-dimethyl-4-(2-nitrophenyl)- 3,5-pyridinedicarboxylic acid methyl 2- methylpropyl ester	1448, 4349, 7347
(±)-N-(6,11-Dihydrodibenzo[b,e] thiepin-11-yl)-4-(p-fluorophenyl)-1- piperazinebutyramide maleate (1:1)	1437, 1618	(±)-10,11-Dihydro-α,8-dimethyl-11-oxo dibenz[b,f]oxepin-2-acetic acid	509, 4545, 4546, 5913
(1R,2S)-α-[1-[(2-(10,11-Dihydro-5H- dibenzo[a,d]cyclohepten-5-ylidene)ethyl] methylamino]ethyl]benzyl alcohol	6967	3,7-Dihydro-3,7-dimethyl-1-(5-oxohexyl)- 1H-purine-2,6-dione	9868
9,10-Dihydro-4,5-dihydroxy-9,10-dioxo-2- anthroic acid diacetate	1711	N-(2,3-Dihydro-1,5-dimethyl-3-oxo- 2-phenyl-1H-pyrazol-4-yl)-2-(dimethyl- amino)propanamide	486
1,7a-Dihydro-1,6-dihydroxyspiro[cyclo- penta[c]pyran-7(6H),2'-oxirane]-4-methanol 4-acetate 1,6-diisovalerate	9468	(±)-4,5-Dihydro-2,3-dimethyl-4-phenyl- 3H-1,3-benzodiazapine	3085
1,7a-Dihydro-1,6-dihydroxyspiro[cyclo- penta[c]pyran-7(6H),2'-oxirane]-4- methanol-4-acetate 1(or 6)- isovalerate 6(or 1)-(3-hydroxy-3-methyl butyrate acetate)	9280	(±)-4,5-Dihydro-2,3-dimethyl-4-phenyl- 3H-1,3-benzodiazapine monohydrochloride	3086
5,6-dihydro-9,10-dimethoxybenzo[g]- 1,3-benzodioxolo[5,6-a]quinolizinium	4896, 5912	1,2-Dihydro-1,5-dimethyl-2-phenyl- 3H-pyrazol-3-one compound with 2,2,2-trichloro-1,1-ethanediol	9348
N-[4-(2-(3,4-Dihydro-6,7-dimethoxy- 2(1H)-isoquinolyl)ethyl)phenyl]-9,10- dihydro-5-methoxy-9-oxo-4-acridine- carboxamide	5119	3,7-Dihydro-6,7-dimethyl-5-phenyl pyrrolo[3,4-e]-1,4-diazepin-2(1H)-one	6794
N-[4-(2-(3,4-Dihydro-6,7-dimethoxy- 2(1H)-isoquinolyl)ethyl)phenyl]-9,10- dihydro-5-methoxy-9-oxo-4-acridine- carboxamide hydrochloride	5120	3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione	7260
2,3-Dihydro-5,6-dimethoxy-2-[[1-(phenyl- methyl)-4-piperidinyl]methyl]- 1H-inden-1-one hydrochloride	8988	3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with 1-amino-2-propanol (1:1)	7262
6,11-Dihydro-6-[2-(dimethylamino)-2- methylethyl]-5H-pyrido[2,3-b][1,5] benzodiazepin-5-one	3248	3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with 2-amino-2-methyl-1-propanol	8808
6,11-Dihydro-6-[2-(dimethylamino)-2- methylethyl]-5H-pyrido[2,3-b][1,5] benzodiazepin-5-one monohydrochloride	3249	3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with 2-aminoethanol (1:1)	7261
10,11-Dihydro-5-(3-(dimethylamino)propyl)- 5H-dibenz[b,f]azepine	3149	3,7-Dihydro-1,3-dimethyl-1H-Purine-2,6-dione compound with 3-(2-methoxyphenoxy)- 1,2-propanediol (1:1)	8169
10,11-Dihydro-5-(3-(dimethylamino)propyl)- 5H-dibenz[b,f]azepine hydrochloride	3150	3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with ethylenediamine (2:1)	8809
		3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with glycine (1:1)	7266
		3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with lysine (1:1) (salt)	7263
		3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione compound with sodium acetate (1:1), containing 1 H ₂ O	7265
		3,7-Dihydro-1,3-dimethyl-1H-purine-2,6-dione mixture with glycine sodium salt	8921
		3,7-Dihydro-1,3-dimethyl-1H-purine-2,6- dione monohydrate	7264
		3,7-Dihydro-3,7-dimethyl-1H-purine-2,6- dione	7254, 7511, 7929

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3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione calcium salt mixture (1:1) with calcium salicylate	7255	9,10-Dihydro-12'-hydroxy-2'-methyl-5'-(phenylmethyl)ergotoman-3',6',18-trione	4954, 9482
3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione sodium salt mixture with sodium acetate (1:1), containing 1 H ₂ O	7256	9,10-Dihydro-12'-hydroxy-2'-methyl-5'-(phenylmethyl)ergotoman-3',6',18-trione monomethanesulfonate	4955, 9483
3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione sodium salt mixture with sodium salicylate (1:1), containing 1 H ₂ O	7257	3,7-Dihydro-7-[3-[[2-hydroxy-3-[(2-methyl-1H-indol-4-yl)oxy]propyl]amino]butyl]-1,3-dimethyl-1H-purine-2,6-dione	7079
5,7-Dihydro-7,7-dimethyl-2-(4-pyridyl)pyrrolo[2,3-f]benzimidazol-6(3H)-one	7413	dihydro-14-hydroxymorphinone	426
3,4-Dihydro-2,8-dimethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol	9968	6,11-Dihydro-N-(2-hydroxy-3-phenoxypropyl)-N-methyldibenz[b,e]oxepin-11-ethylamine	7453, 7454
dihydroepoxymorphine	328	5,6-Dihydro-7-imidazol-1-yl-naphthoic acid	6338
Dihydroergotamine	4954, 9482	4,5-Dihydro-6-(p-imidazol-1-ylphenyl)-3(2H)-pyridazinone	7470
Dihydroergotamine Methanesulfonate	4955, 9483	4,5-Dihydro-6-(p-imidazol-1-ylphenyl)-3(2H)-pyridazinone monohydrochloride	7471
Dihydroergotamine monomethanesulfonate (salt)	209	(±)-4,5-Dihydro-6-(4-imidazole-1-yl-2-thienyl)-5-methyl-3(2H)-pyridazinone	7210
dihydroflumethiazide	4278, 7878	1,2-Dihydro-5-imidazo[1,2-a]pyridin-6-yl-6-methyl-2-oxo-3-pyridinecarbonitrile	7481
dihydrofollicular hormone	8118	3-[(4,5-Dihydro-1H-imidazol-2-yl)methyl]-6-(1,1-dimethylethyl)-2,4-dimethylphenol	7786
dihydrofolliculin	8118	3-[(4,5-Dihydro-1H-imidazol-2-yl)methyl]-6-(1,1-dimethylethyl)-2,4-dimethylphenol monohydrochloride	7787
(Dihydrogen borato)phenylmercury	6125	1,6-Dihydro-6-iminopurine	9907
dihydrohydroxycodone	423	N-(2,3-Dihydro-1H-inden-2-yl)-N',N'-diethyl-N-phenyl-1,3-propanediamine	1510
1,2-Dihydro-4-hydroxy-N,1-dimethyl-2-oxo-3-quinolinecarboxanilide	8425	N-(2,3-Dihydro-1H-inden-2-yl)-N',N'-diethyl-N-phenyl-1,3-propanediamine hydrochloride	1511
(3α,14β,16α)-14,15-Dihydro-14-hydroxyeburnamenine-14-carboxylic acid methyl ester	5380	[2S-(2α,5α,6β)]-6-[[3-[(2,3-Dihydro-1H-inden-5-yl)oxy]-1,3-dioxo-2-phenylpropyl]amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt	1909
(3α,14β,16α)-Dihydro-14-hydroxyeburnamenine-14-carboxylic acid methyl ester	9713	[2S-(2α,5α,6β)]-6-[[3-[(2,3-Dihydro-1H-inden-5-yl)oxy]-1,3-dioxo-2-phenylpropyl]amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	1912
(3α,14β,16α)-Dihydro-14-hydroxyeburnamenine-14-carboxylic acid methyl ester hydrochloride	9714	2,3-dihydroindole-5,6-quinones.	8309
3,7-Dihydro-7-(2-hydroxyethyl)-1,3-dimethyl-1H-purine-2,6-dione	7170, 7228	3,4-Dihydro-6-isobutyl-5-methyl-4-oxothieno[2,3-d]pyrimidine-2-carboxylic acid compound with 1-deoxy-1-(methylamino)-D-glucitol (1:1)	1300
3,7-Dihydro-8-[(2-hydroxyethyl)methylamino]-1,3,7-trimethyl-1H-purine-2,6-dione	7768	3,4-Dihydro-2(1H)-isoquinolinecarboxamidine	4205
2-[2,3-Dihydro-7-hydroxy-2-(4-hydroxy-3-methoxyphenyl)-3-(hydroxymethyl)-5-benzofuranyl]-3,5,7-trihydroxy-4-chromanone	8365	3,4-Dihydro-2(1H)-isoquinolinecarboxamidine sulfate (2:1)	4206
15α,16α-Dihydro-17-hydroxy-7α-mercapto-3-oxo-3'H-cyclopropa[15,16]-17α-pregna-1,4,15-triene-21-carboxylic acid γ-lactone acetate	76	4',5'-Dihydro-7α-mercaptospiro[androst-4-ene-17,2'-(3'H)-furan]-3-one acetate	7925
(E)-6-(1,3-Dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-4-hexenoic acid	5249	(9S)-10,11-Dihydro-6'-methoxycinchonan-9-ol	1591
[2R-[2α,3β,6(2R*,3R*)]]-2-[2,3-Dihydro-3-(4-hydroxy-3-methoxyphenyl)-2-(hydroxymethyl)-1,4-benzodioxin-6-yl]-2,3-dihydro-3,5,7-trihydroxy-4H-1-benzopyran-4-one	8364	(8α,9R)-10,11-Dihydro-6'-methoxycinchonan-9-ol	7804
2,3-Dihydro-3-hydroxy-1-methyl-1H-indole-5,6-dione	8300	(9S)-10,11-Dihydro-6'-methoxycinchonan-9-ol hydrochloride	1592
2,3-Dihydro-3-hydroxy-1-methyl-1H-indole-5,6-dione 5-thiosemicarbazone	8303	7,8-Dihydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolinium chloride	8315
2,3-Dihydro-3-hydroxy-1-methyl-1H-indole-5,6-dione-5-oxime sesquihydrate	8302		
2,3-Dihydro-3-hydroxy-1-methyl-1H-indole-5,6-dione-5-semicarbazone	8301		

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1,3-Dihydro-1-(methoxymethyl)-7-nitro-5-phenyl-2H-1,4-benzodiazepin-2-one	6769	imidazol-4-yl)methyl]carbazol-4(1H)-one monohydrochloride	3551
3,4-Dihydro-2-methoxy-2-methyl-4-phenyl-2H,5H-pyrano[3,2-c][1]benzopyran-5-one	2874	4,9-Dihydro-3-methyl-4-[(4-methyl-1-piperazinyl)acetyl]-10H-thieno[3,4-b][1,5]benzodiazepin-10-one	6534, 8205
5,8-Dihydro-5-methoxy-8-oxo-1,3-dioxolo[4,5-g]quinoline-7-carboxylic acid	2401	7,8-dihydro-6-methylmorphine	393
3,4-Dihydro-1-(4-methoxyphenoxy)methylisoquinoline	6617	(±)-6,11-Dihydro-11-(1-methylnipecotoyl)-5H-pyrido[2,3-b][1,5]benzodiazepin-5-one	7241
3,4-Dihydro-1-(4-methoxyphenoxy)methylisoquinoline dihydrochloride	6618	1,3-Dihydro-1-methyl-7-nitro-5-phenyl-2H-1,4-benzodiazepin-2-one	2971, 8889
(±)-4,5-Dihydro-6-[2-(p-methoxyphenyl)-5-benzimidazolyl]-5-methyl-3(2H)-pyridazinone	7494	1,6-Dihydro-2-methyl-6-oxo[3,4'-bipyridine]-5-carbonitrile	7484
(±)-4,5-Dihydro-6-[2-(p-methoxyphenyl)-5-benzimidazolyl]-5-methyl-3(2H)-pyridazinone hydrochloride	7495	1,6-Dihydro-2-methyl-6-oxo[3,4'-bipyridine]-5-carbonitrile lactate	7485
1-[2-[p-(3,4-Dihydro-6-methoxy-2-phenyl-1-naphthyl)phenoxy]ethyl]pyrrolidine	3610	3,4-Dihydro-3-methyl-4-oxoimidazo[5,1-d]-as-tetrazine-8-carboxamide	5342
1-[2-[p-(3,4-Dihydro-6-methoxy-2-phenyl-1-naphthyl)phenoxy]ethyl]pyrrolidine hydrochloride	3611	2-(1,2-Dihydro-1-methyl-2-oxo-3H-indol-3-ylidene)hydrazinecarbothioamide	6619
3,4-Dihydro-2-(p-methoxyphenyl)-1-naphthyl-p-[2-(1-pyrrolidinyl)ethoxy] phenyl ketone	3621	(±)-10,11-Dihydro-α-methyl-10-oxodibenzo[b,f]thiepin-2-acetic acid	4797
3,4-Dihydro-2-(p-methoxyphenyl)-1-naphthyl-p-[2-(1-pyrrolidinyl)ethoxy] phenyl ketone methanesulfonate	3622	(S)-N-(2,3-Dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl)indole-2-carboxamide	7517
3,12-Dihydro-6-methoxy-3,3,12-trimethyl-[7H-pyrano[2,3-c]acridin-7-one]	5001	(±)-4,5-Dihydro-5-methyl-4-oxo-5-phenyl-2-furoic acid	4019
10,11-Dihydro-N-(methylamino)propyl]-5H-dibenz[b,f]azepine	3090	1,4-Dihydro-2-methyl-4-oxo-6[(3-pyridylmethyl)amino]-5-pyrimidinecarbonitrile	7492
10,11-Dihydro-N-(methylamino)propyl]-5H-dibenz[b,f]azepine monohydrochloride	3091	1,4-Dihydro-2-methyl-4-oxo-6[(3-pyridylmethyl)amino]-5-pyrimidine carbonitrile monohydrochloride	7493
(8α,9R)-10,11-Dihydro-6'-[3-(methylbutoxy)cinchonan-9-ol	6059	N-[5-[[3,4-Dihydro-2-methyl-4-oxo-6-quinazolinyl)methyl]methylamino]-2-thenoyl]-L-glutamic acid	5301
(8α,9R)-10,11-Dihydro-6'-[3-(methylbutoxy)cinchonan-9-ol dihydrochloride monohydrate	6060	2 4-Dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one,	5113
1a,10b-Dihydro-N-methyldibenzo[a,d]cyclopropa[c]cycloheptene-δ ^{6(1H),γ} -propylamine	3222	9,10-Dihydro-10-(1-methyl-4-piperidylidene)-9-anthrol	3080
1a,10b-Dihydro-N-methyldibenzo[a,d]cyclopropa[c]cycloheptene-δ ^{6(1H),γ} -propylamine phosphate (1:1)	3223	5,11-Dihydro-11-[(4-methyl-1-piperazinyl)acetyl]-6H-pyrido[2,3-b][1,4]benzodiazepin-6-one	6506
4,5-Dihydro-2-[[2-(1-methylethyl)phenoxy]methyl]-1H-imidazole	7774	5,11-Dihydro-11-[(4-methyl-1-piperazinyl)acetyl]-6H-pyrido[2,3-b][1,4]benzodiazepin-6-one dihydrochloride	6507
4,5-Dihydro-2-[[2-(1-methylethyl)phenoxy]methyl]-1H-imidazole monohydrochloride	7775	6,11-Dihydro-11-(1-methyl-4-piperidinyldiene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridine	3852
6,11-Dihydro-11-(1-methylisonipecotoyl)-5H-pyrido[2,3-b][1,5]benzodiazepin-5-one	2777	6,11-Dihydro-11-(1-methyl-4-piperidinyldiene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridine maleate (1:2)	3853
10,11-Dihydro-5-methyl-10-(methylamino-5H-dibenz[b,f]azepine	3185	4,9-Dihydro-4-(1-methyl-4-piperidylidene)-10H-benzo[4,5]cyclohepta[1,2-b]thiophen-10-one	1761
(±)-2,3-Dihydro-9-methyl-3-[(2-methyl-imidazol-1-yl)methyl]-carbazol-4(1H)-one	3570, 6775, 9515	4,9-Dihydro-4-(1-methyl-4-piperidylidene)-10H-benzo[4,5]cyclohepta[1,2-b]thiophen-10-one fumarate	1762
(±)-2,3-Dihydro-9-methyl-3-[(2-methyl-imidazol-1-yl)methyl]carbazol-4(1H)-one monohydrochloride dihydrate	3571, 6776, 9516	4,5-Dihydro-5-methyl-6-(2-pyrazol-3-yl-5-benzimidazolyl)-3(2H)-pyridazinone	7483
(3R)-2,3-Dihydro-9-methyl-3-[(5-methyl-imidazol-4-yl)methyl]carbazol-4(1H)-one	3550	[2-(3,6-Dihydro-4-methyl-1(2H)-pyridyl)ethyl]guanidine	4253
(3R)-2,3-Dihydro-9-methyl-3-[(5-methyl-			

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[2-(3,6-Dihydro-4-methyl-1(2H)-pyridyl)ethyl]guanidine sulfate	4254	butyl]amino]ethyl]benzo[b]thiophene-5-methanol	229, 4428
3,4-Dihydro-3-methyl-6-(1,4,5,6-tetrahydro-6-oxo-3-pyridazinyl)-2(1H)-quinazolinone	7499	4,5-Dihydro-N-phenyl-N-(phenylmethyl)-1H-imidazole-2-methanamine hydrochloride	3848
2,3-Dihydro-6-methyl-2-thioxo-4(1H)-pyrimidinone	5217	3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridinyl)butyl]-1H-indol-5-ol	8015
Dihydromorphine	343	5-[2-(3,6-Dihydro-4-phenyl-1(2H)-pyridinyl)ethyl]-3-methyl-2-oxazolidinone	4616
7,8-dihydromorphine	343	3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridinyl)butyl]-1H-indol-5-ol hydrochloride	8016
Dihydromorphine Hydrochloride	344	3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridyl)butyl]indole-5-carboxylic acid	4174, 7950
dihydromorphinone	367	3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridyl)butyl]indole-5-carboxylic acid hydrochloride	4175
dihydromorphinone hydrochloride	368	3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridyl)butyl]indol-5-ol	3259, 7972
2,3-Dihydro-1-(morpholinoacetyl)-3-phenyl-4(1H)-quinazolinone	7578	3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridyl)butyl]indol-5-ol methanesulfonate	3261, 7974
2,3-Dihydro-1-(morpholinoacetyl)-3-phenyl-4(1H)-quinazolinone hydrochloride	7579	3-[4-(3,6-Dihydro-4-phenyl-1(2H)-pyridyl)butyl]indol-5-ol monohydrochloride	3260, 7973
Dihydrone	423	3-[4-(3,6-Dihydro-4-phenyl-1(2H0-pyridinyl)butyl]-1H-indole-5-carboxylic acid	7987
2-[(3,4-Dihydro-2-naphthyl)methyl]-2-imidazoline	3202	3-[4-(3,6-Dihydro-4-phenyl-1(2H0-pyridinyl)butyl]-1H-indole-5-carboxylic acid hydrochloride	7988
2-[(3,4-Dihydro-2-naphthyl)methyl]-2-imidazoline monohydrochloride	3203	4,5-Dihydro-1-phenyl-1,4-epoxy-1H,3H-[1,4]oxazepino[4,3-a]benzimidazole	697
1-[(5,6-Dihydro-1-naphthyl)oxy]-3-(isopropylamino)-2-propanol	7031	3,3',3,3'''-(7,8-Dihydroporphyrin-5,10,15,20-tetrayl)tetraphenol	5341
dihydroneopine	340	3,7-Dihydro-3-propyl-1H-purine-2,6-dione	7146
6,7-Dihydro-3-(5-nitro-2-furyl)-5H-imidazo[2,1-b]thiazolium chloride	2217	dihydropsychotrine	1315, 8047
6,7-Dihydro-3-(5-nitro-2-furyl)-5H-imidazo[2,1-b]thiazolium hydrogen tartrate	2218	1,7-Dihydro-6H-purine-6-thione	5212, 5297
1,3-Dihydro-7-nitro-5-phenyl-2H-1,4-benzodiazepin-2-one	2972, 9410	Dihydro-1H-pyrrolizine-3,5(2H,6H)-dione	9008
1,4-Dihydro-1-octyl-4-(octylimino)pyridine	2286	(±)-Dihydro-1H-pyrrolo[1,2-a]imidazole-2,5(3H,6H)-dione	8984
1,4-Dihydro-1-octyl-4-(octylimino)pyridine	3742	dihydroqinghaosu ethyl ether	4889
5-[7-[4-(4,5-Dihydro-2-oxazolyl)phenoxy]heptyl]-3-methylisoxazole	6581	dihydroqinghasu hemsuccinate	4893
10,11-Dihydro-10-oxo-5H-dibenz[b,f]azepine-5-carboxamide	2973	dihydroquinine	7804
6,11-Dihydro-11-oxodibenz[b,e]oxepin-2-acetic acid	4657, 4708	10,11-Dihydro-5-(3-quinuclidinyl)-5H-dibenz[b,f]azepine	3252
6,11-Dihydro-11-oxodibenzo[b,e]thiepin-3-acetic acid	780, 4785, 5979	3',4'-Dihydrospiro[imidazolidine-4,2'-(1'H)-naphthalene]-2,5-dione	3002
1,3-Dihydro-3-oxo-1-isobenzofuranyl ester		2,3-Dihydrospiro[naphthalene-1(4H),3'-piperidine]-2',4,6'-trione	9285
2-(acetoxyl)benzoic acid	767, 4768	dihydrospirorenone	9083
5-[(1,2-Dihydro-2-oxo-4-pyridyl)methyl]-2-[[2-[[5-[(dimethylamino)methyl]furfuryl]thio]ethyl]amino]-4(1H)-pyrimidinone	8386	Dihydrostreptomycin	1828, 2585
3,4-Dihydro-4-oxo-3-[[5-(trifluoromethyl)-2-benzothiazolyl]methyl]-1-phthalazine-acetic acid	70	Dihydrostreptomycin Pantothenate	1829, 2586
3,4-Dihydro-4-oxo-3-[[5-(trifluoromethyl)-2-benzothiazolyl]methyl]-1-phthalazine-acetic acid	3420	Dihydrostreptomycin Sesquisulfate	1830, 2587
3,4-Dihydro-3-pentyl-6-trifluoromethyl-2H-1,2,4-benzothiadiazine-7-sulfonamide		Dihydrostreptomycin Trihydrochloride	1831
1,1-dioxide	7910	Dihydrotachysterol	7377
1,2-Dihydro-3-(phenoxymethyl)pyrido[3,4-e]as-triazine	3736	4,5-Dihydro-N-(5,6,7,8-tetrahydro-1-naphthalenyl)-1H-imidazol-2-amine	7796
1,2-Dihydro-3-(phenoxymethyl)pyrido[3,4-e]as-triazine monohydrochloride	3737	4,5-Dihydro-N-(5,6,7,8-tetrahydro-1-naphthalenyl)-1H-imidazol-2-amine monohydrochloride	7797
5-(4,5-Dihydro-2-phenyl-3H-benz[e]indol-3-yl)salicylic acid	4612	5,6-Dihydro-6-[3,4,6,13-tetrahydroxy-3-methyl-1,7,9,11-tridecatetraenyl]2H-pyran-2-one	5155
(±)-Erythro-2,3-Dihydro-α-[1-[(4-phenyl		pyran-2-one 4-(hydrogen phosphate	

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5,6-Dihydro-6-[3,4,6,13-tetrahydroxy-3-methyl-1,7,9,11-tridecatetraenyl]2H-pyran-2-one 4-(sodium hydrogen phosphate (±)-[2R*(4R*,8R*)]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol acetate	5156	9924	Dihydroxyanthraquinone	5238, 5265
[2R-[2R*(4R8,8R*)]]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol acetate	9925		1,8-Dihydroxyanthraquinone	8505
[2R-2R*(4R*,8R*)]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol	9973		m-dihydroxybenzene	5993, 8482
[2R-2R*(4R*,8R*)]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol nicotinate	9974		2,5-Dihydroxybenzenesulfonic acid 5-p-toluenesulfonate	4090
[2R-2R*(4R*,8R*)]-3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol succinate	9975		2,5-Dihydroxybenzenesulfonic acid	
2,3-Dihydro-2-thioxo-4(1H)-pyrimidinone	4466		5-p-toluenesulfonate piperazine salt	4091
3,7-Dihydro-1,3,7-trimethyl-1H-purine-2,6-dione	7649		2,5-Dihydroxybenzenesulfonic acid calcium salt	9894
3,7-Dihydro-1,3,7-trimethyl-1H-purine-2,6-dione monohydrate	7650		2,5-Dihydroxybenzenesulfonic acid compound with diethylamine (1:1)	8320
3,4-Dihydro-6-(trifluoromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide	4278, 7878		2,5-Dihydroxybenzoic acid	608, 4636
10,11-Dihydro-N,N,β-trimethyl-5H-dibenzo[a,d]cycloheptene-5-propanamine	3050		2,5-Dihydroxybenzoic acid sodium salt	609, 4637
10,11-Dihydro-N,N,β-trimethyl-5H-dibenzo[a,d]cycloheptene-5-propanamine hydrochloride	3051		1,4-Dihydroxy-5,8-bis[[2-[(2-hydroxyethyl)amino]ethyl]amino]-9,10-anthracenedione	5238
1,3-Dihydro-N,3,3-trimethyl-1-phenylbenzo(c)thiophen-1-propylamine	3272		1,4-Dihydroxy-5,8-bis[[2-[(2-hydroxyethyl)amino]ethyl]amino]-9,10-anthracenedione dihydrochloride	5239
(±)-cis-9,10-Dihydro-N,N-trimethyl-2-(trifluoromethyl)-9-anthracenepropylamine	3134		(3β)-3,14-Dihydroxybufa-4,20,22-trienolide	7506
(±)-cis-9,10-Dihydro-N,N-trimethyl-2-(trifluoromethyl)-9-anthracenepropylamine hydrochloride	3133		[R-(R*,R*)]-2,3-Dihydroxybutanedioic acid monopotassium monosodium salt tetrahydrate	8540
3,4-Dihydro-2,5,8-trimethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol	9966		[R-(R*,R*)]-2,3-Dihydroxybutanedioic acid monopotassium salt	7915, 8538
3,4-Dihydro-2,7,8-trimethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol	9967		2,3-Dihydroxy-2-butenyl (6R,7R)-7-[(R)-mandelamido]-3-[[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate cyclic 2,3-carbonate ester with L-alanine	1935
dihydrotheelin	8118		(±)-7-[4-[(Z)-2,3-Dihydroxy-2-butenyl]-1-piperazinyl]-6-fluoro-1-methyl-4-oxo-1H,4H-[1,3]thiazeto[3,2-a]quinoline-3-carboxylic acid cyclic carbonate	2417
dihydrovitamin K ₃	9936		(R)-9-(3,4-Dihydroxybutyl)guanine	6565
Dihydroxy(acetylsalicylato)aluminum	561, 5923		(3β,5α)-3,14-Dihydroxycard-20(22)-enolide	3441
Dihydroxyaluminum Acetylsalicylate	561, 5923		3α,7α-Dihydroxy-5β-cholan-24-oic acid	7543
Dihydroxyaluminum Aminoacetate	1122		3α,7β-Dihydroxy-5β-cholan-24-oic acid	7547
Dihydroxyaluminum Aspirin	561, 5923		3α,7β-Dihydroxy-5β-cholan-24-oic acid bis(hydrogen sulfate)	7548
Dihydroxyaluminum Sodium Carbonate	1123		3α,12α-Dihydroxy-5β-cholan-24-oic acid	7561
4,4'-(3α,17β-Dihydroxy-5α-androst-2β,16β-yleno)bis[1,1-dimethylpiperazinium] dibromide diacetate (ester)	8899		3,4-Dihydroxycinnamic acid 1-carboxy-4,5-dihydroxy-1,3-cyclohexylene ester	8349
(3α,17β-Dihydroxy-5α-androstan-2β,16β-yleno)bis(1-methylpiperidinium) dibromide 3-acetate	8833		3,3'-Dihydroxydibutyl ether	7582
1,1'-(3α,17β-Dihydroxy-5α-androstan-2β,16β-yleno)bis[1-methylpiperidinium] dibromide diacetate	8892		(3',6'-Dihydroxy-2',7'-diiodospiro[3H-2,1-benzoxathiole-3,9'-[9H]xanthen)-4'-yl) hydroxymcury S,S-dioxide monosodium salt	6091
1,8-Dihydroxy-9-anthrone	5660		7',12'-Dihydroxy-6,6'-dimethoxy-2,2',2'-trimethyltubocuraranium chloride	8929
			N-(2,4-Dihydroxy-3,3-dimethyl-1-butyl)-β-alanine	8088
			(R)-N-(2,4-Dihydroxy-3,3-dimethyl-1-butyl)-β-alanine calcium salt (2:1)	8077, 9914
			N-(2,4-Dihydroxy-3,3-dimethyl-1-butyl)-β-alanine sodium salt	8089
			(±)-N-(2,4-Dihydroxy-3,3-dimethyl-1-butyl)-β-alanine calcium salt (2:1)	8078, 9915
			D-(+)-4-(2,4-Dihydroxy-3,3-dimethylbutyramido)butyric acid	7695
			3,6-Dihydroxy-6,N-dimethyl-4,5-epoxymorphinan	393
			N-(2,4-Dihydroxy-3,3-dimethyl-1-	

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oxobutyl)-β-alanine calcium salt (2:1)		L-3,4-Dihydroxy-α-[(isopropylamino)methyl]	
with [R-(R*,R*)]-2,2-Dichloro-N-[2-hydroxy-		benzyl alcohol D-Bitartrate	6933, 7196
1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]		3,4-Dihydroxy-α-[1-(isopropylamino)propyl]	
acetamide (1:4)	5984	benzyl alcohol	6926, 7189
4,17β-Dihydroxy-estr-4-en-3-one	271	3,4-Dihydroxy-α-[1-(isopropylamino)propyl]	
4,17β-Dihydroxy-estr-4-en-3-one 17-		benzyl alcohol hydrochloride	6927, 7190
cyclopentanepropionate	272	3,4-Dihydroxy-α-[1-(isopropylamino)propyl]	
Dihydroxyestrin	8118	benzyl alcohol methanesulfonate (salt)	6928, 7191
1,1-Dihydroxy-3-ethoxy-2-butanone	6611	5,6-Dihydro-2-(2,6-xylydino)-4H-1,3-thiazine	800
11α,17α-Dihydroxy-D-homopregna-1,4-		5,6-Dihydro-2-(2,6-xylydino)-4H-1,3-thiazine	
diene-3,20-dione	5670	hydrochloride	801
7,10-Dihydroxy-2-[2-[(2-hydroxyethyl)		(11β)-11,17-Dihydroxy-21-mercaptopregn-4-	
amino]ethyl]-5-[[2-(methylamino)ethyl]		ene-3,20-dione	4881
amino]-anthra[1,9-cd]pyrazol-6(2H)-one		2,2'-Dihydroxy-4-methoxybenzophenone	9636
acetate (salt) hydrobromide (10:5:21)	5339	2-[[2,6-Dihydroxy-4-methoxy-3-methyl-5-	
7,10-Dihydroxy-2-[2-[(2-hydroxyethyl)amino]		(1-oxobutyl)phenyl]methyl]-3,5-	
ethyl]-5-[[2-(methylamino)ethyl]amino]-		dihydroxy-4,4-dimethyl-6-(1-oxobutyl)-	
anthra[1,9-cd]pyrazol-6(2H)-one		2,5-cyclohexadien-1-one	1156
acetate (salt) hydrobromide (10:5:21) hydroxide	5340	1-(2,6-Dihydroxy-4-methoxy-3-methylphenyl)-	
1,8-Dihydroxy-3-(hydroxymethyl)-9,10-		1-butanone	1157
anthracenedione	8492	3',4'-Dihydroxy-2-(methylamino)acetophenone	83, 8298
(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-		3',4'-Dihydroxy-2-(methylamino)acetophenone	
[(3S)-(3-hydroxy-3-methyl-1-octenyl)]		hydrochloride	84, 8299
cyclopentyl]-5-heptenoic acid	9026, 9154	(-)-3,4-Dihydroxy-α-[(methylamino)methyl]	
(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-		benzyl alcohol	106, 3810
[(3S)-(3-hydroxy-3-methyl-1-octenyl)]		(-)-3,4-Dihydroxy-α-[(methylamino)methyl]	
cyclopentyl]-5-heptenoic acid compound		benzyl alcohol (+)-tartrate (1:1) salt	107, 3811
with 2-amino-2-(hydroxyethyl)-		(±)-3,4-Dihydroxy-α-[(methylamino)methyl]	
1,3-propanediol	9028, 9156	benzyl alcohol 3,4-dipivalate	99, 3806
(S)-5,8-Dihydroxy-2-(1-hydroxy-4-methyl-		(±)-3,4-Dihydroxy-α-[(methylamino)methyl]	
3-pentenyl)-1,4-naphthalenedione	6830	benzyl alcohol 3,4-dipivalate hydrochloride	100, 3807
(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-[(3S)-		4,17β-Dihydroxy-17α-methylandrosta-4-en-3-one	273
(3-hydroxy-1-octenyl)]cyclopentyl]-5-		4,17β-Dihydroxy-17-methylandrosta-4-en-3-one	831
heptenoic acid	9043, 9176	6,7-Dihydroxy-4-methylcoumarin bis	
(E,Z)-(1R,2R,3R,5S)-7-[3,5-Dihydroxy-2-		(hydrogen sulfate)	8332
[(3S)-(3-hydroxy-1-octenyl)]cyclopentyl]-		(11β)-11,17-Dihydroxy-16-methylene-3,20-	
5-heptenoic acid compound with 2-amino-		dioxopregna-1,4-dien-21-yl N,N-	
2-(hydroxymethyl)-1,3-propanediol (1:1)	9044, 9159	diethylaminoacetate hydrochloride	8721
Dihydroxy[[2-hydroxy-5-oxo-2-imidazolin-		(11β,16α)-11,21-Dihydroxy-16,17-[(1-	
4-yl)ureato]aluminum	6460, 6829, 8474	methylethylidene)bis(oxy)]pregna-1,4-	
5,7-Dihydroxy-2-(4-hydroxyphenyl)-4H-		diene-3,20-dione	4827
1-benzopyran-4-one	5029	3,4-Dihydroxy-4'-methyl-5-nitrobenzophenone	5523
D-(+)-2,4-Dihydroxy-N-(3-hydroxypropyl)-		11α,17β-Dihydroxy-17-methyl-3-oxo	
3,3-dimethylbutyramide	7599, 8081	androsta-1,4-diene-2-carboxaldehyde	253
(±)-2,4-Dihydroxy-N-(3-hydroxypropyl)-		(6α,11β)-11,17-Dihydroxy-6-methyl-21-	
3,3-dimethylbutyramide	9954	[[8-[methyl(2-sulfoethyl)amino]-1,8-	
(±)-(ZZ)-7-[(1R*,2R*,3R*,5S*)-3,5-Dihydroxy-		dioxooctyl]oxy]pregna-1,4-diene-3,20-	
2-[(E)-(3R*)-3-hydroxy-4-[(α,α,α-trifluoro-		dione monosodium salt	4873, 8698
m-tolyl)oxy]-1-butenyl]cyclopentyl]-5-		(6α,11β)-11,17-Dihydroxy-6-methyl-21-	
heptenoic acid	9161	(phosphonooxy)-pregna-1,4-diene-	
3,4-Dihydroxy-α-[(isopropylamino)methyl]		3,20-dione	8694
benzyl alcohol	6929, 7192	(6α,11β)-11,17-Dihydroxy-6-methyl-21-	
3,4-Dihydroxy-α-[(isopropylamino)methyl]		(phosphonooxy)pregna-1,4-diene-3,20-	
benzyl alcohol hydrochloride	6930, 7193	dione disodium salt	8696
3,4-Dihydroxy-α-[(isopropylamino)methyl]		(11β)-11,17-Dihydroxy-21-(4-methyl-1-	
benzyl alcohol sulfate (2:1) salt	6932, 7195	piperazinyl)pregna-1,4-diene-3,20-dione	4869
3,4-Dihydroxy-α-[(isopropylamino)methyl].		(11β)-11,17-Dihydroxy-21-(4-methyl-1-	
benzyl alcohol sulfate (2:1) salt dihydrate	6931, 7194	piperazinyl)pregna-1,4-diene-	

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3,20-dione monohydrochloride	4870	Dihydroxyphenylstibine oxide compound with diethylamine	5574
(16β)-17,21-Dihydroxy-16-methylpregna-1,4-diene-3,11,20-trione	8690	2-(3,4-Dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-benzopyran-4-one	9901
Dihydroxy(6-methyl-8-quinolinolato)bismuth dihydroxymorphinone	3438	2-(3,4-Dihydroxyphenyl)-3,5,7-trihydroxy-4H-1-benzopyran-4-one pentabenzyl ether	9902
6,7-Dihydroxy-4-(morpholinomethyl)coumarin	9896	(11β)-11,17-Dihydroxy-21-(phosphonoxy)pregna-1,4-diene-3,20-dione	8683
6,7-Dihydroxy-4-(morpholinomethyl)coumarin hydrochloride	9897	(11β)-11,17-Dihydroxy-21-(phosphonoxy)pregna-1,4-diene-3,20-dione disodium salt	8686, 8712
3-(3,4-Dihydroxy-5-nitrobenzylidene)-2,4-pentanedione	7753	1-(3α,17β-Dihydroxy-2β-piperidino-5α-androstan-16β,5α-yl)-1-methyl piperidinium bromide diacetate	8930
(4R,5R)-4,5-Dihydroxy-N ² -[p-(octyloxy)benzoyl]-L-ornithyl-L-threonyl-trans-4-hydroxy-L-prolyl-(S)-4-hydroxy-4-(p-hydroxyphenyl)-L-threonyl-L-threonyl-(3S,4S)-3-hydroxy-4-methyl-L-proline cyclic (6-1)-peptide	3659	17,21-Dihydroxypregna-1,4-diene-3,11,20-trione	8716
1α 25-Dihydroxy-22-oxacalcitriol	5676, 9934	(11β)-11,21-Dihydroxypregn-4-ene-3,20-dione	8630
(11β)-11,21-Dihydroxy-17-(1-oxobutoxy)pregna-1,4-diene-3,20-dione	8681	16α,17-Dihydroxypregn-4-ene-3,20-dione	4806
(+)-(Z)-7-[(1R,2R,3R,5S)-3,5-Dihydroxy-2-(3-oxodecyl)cyclopentyl]-5-heptenoic acid	3831, 9183	16α,17-Dihydroxypregn-4-ene-3,20-dione cyclic acetal with acetone	4807
(11β)-11,21-Dihydroxy-17-[(1-oxopentyl)oxy]pregna-1,4-diene-3,20-dione	8688, 8718	17,21-Dihydroxypregn-4-ene-3,20-dione	4825
(11β)-11,17-Dihydroxy-21-[[[(1-oxooctadecyl)oxy]acetyl]oxy]pregna-1,4-diene-3,20-dione	8714	(R)-16α,17-Dihydroxypregn-4-ene-3,20-dione cyclic acetal with acetophenone	1232, 9064
(3β,4α,16α)-3,16-Dihydroxy-23-oxoolean-12-en-28-oic acid	8172	3α,21-Dihydroxy-5α-pregnane-11,20-dione	869
(-)-3-(3,4-Dihydroxyphenyl)-L-alanine	5488	17,21-Dihydroxypregn-4-ene-3,11,20-trione	8631
(2R-trans)-2-(3,4-Dihydroxyphenyl)-3,4-dihydro-2H-1-benzopyran-3,5,7-triol	3427, 8344	17,21-Dihydroxypregn-4-ene-3,11,20-trione 21-acetate	8632
(±)-(2R-trans)-2-(3,4-Dihydroxyphenyl)-3,4-dihydro-2H-1-benzopyran-3,5,7-triol	8345	14,17-Dihydroxypregn-4-ene-3,20-dione cyclic acetal with propionaldehyde	9130
l-(2R-trans)-2-(3,4-Dihydroxyphenyl)-3,4-dihydro-2H-1-benzopyran-3,5,7-triol	8346	16α,17-dihydroxyprogesterone	4806
dihydroxyphenylethanolisopropylamine	6929, 7192	11β,17α-Dihydroxy-17-propionylandro-4-en-3-one	4878
N-(3,4-Dihydroxyphenyl)ethyl)-1-adamantane carboxamide	5475	11β,17α-Dihydroxy-17-propionylandro-4-en-3-one 17-butyrate	4879
(2S,5R,6R)-6-[(R)-2-(3,4-Dihydroxyphenyl)-2-(4-ethyl-2,3-dioxo-1-piperazinecarbox-amido)acetamido]-6-formamido-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2047	2,3-Dihydroxypropyl 2-(3-chloro-o-toluidino)nicotinate	540
7-[2-[2-(3,4-Dihydroxyphenyl)-2-hydroxyethylamino]ethyl]theophylline	4498, 6966	2,3-Dihydroxypropyl N-(7-chloro-4-quinolinyl)anthranilate	610
7-[3-[[2-(3,5-Dihydroxyphenyl)-2-hydroxyethyl]amino]propyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione	6953, 7236	7-(2,3-Dihydroxypropyl)-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione	7145
7-[3-[[2-(3,5-Dihydroxyphenyl)-2-hydroxyethyl]amino]propyl]-3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione monohydrochloride	6954, 7237	7-(2,3-Dihydroxypropyl)theophylline bis(nicotinate ester)	9246
1-(3,5-Dihydroxyphenyl)-2-isopropylamino ethanol	6936, 7202	2,3-Dihydroxypropyl N-[8-(trifluoromethyl)-4-quinolyl]anthranilate	593
1-(3,5-Dihydroxyphenyl)-2-isopropylamino ethanol sulfate (2:1)	6938, 7204	11β,17-Dihydroxy-21-mercaptopregn-4-ene-3,20-dione 17-butyrate	1745
α-(3,4-Dihydroxyphenyl)-4-(2-methoxyphenyl)-1-piperazineethanol	6505	11β,21-Dihydroxy-3,20-dioxo-pregn-4-en-18-al	8607
(-)-Threo-3-(3,4-dihydroxyphenyl)-L-serine	5477	Dihydroxyphosphinecarboxylic acid oxide trisodium salt	6598
		(5Z,11α,13E,15S)-11,15-Dihydroxy-9-oxoprost-5,13-dien-1-oic acid	5
		(R)-2,3-Dihydroxypropyl hydrogen phosphate choline hydroxide inner salt	8983
		(11β)-11,17-Dihydroxy-21-[(3-sulfobenzoyl)oxy]pregna-1,4-diene-3,20-dione mono-sodium salt	8711
		2,5-Dihydroxy-3-undecyl-2,5-cyclo-hexadiene-1,4-dione	1177
		2,5-Dihydroxy-3-undecyl-2,5-cyclo-	

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diiodobuphenine	4156, 9813	Dila-Vasal	9726
3,5-Diodo-4-hydroxy- β -phenylalanine	4458	Dilavase	9845
5,7-Diodo-8-quinolinol	1338	Dilazep	9736
diiodoricinostearolic acid	9218	Dilazep Dihydrochloride	9737
3,5-Diiodotyrosine	4458	Dilcit	9841
Diiodyl	9218	Dilcoran 80	1459, 9778
3,4-di-o-isobutyryl epinine	119, 7956	Dilevalol	4215, 7025
3,4-di-o-isobutyrylepinine	7956	Dilevalol [as (R,R)-isomer]	214
Diisopromine	6187	Dilevalol Hydrochloride	4216, 7026
Diisopromine Hydrochloride	6188	Dilevalon	4215
Diisopropylamine Dichloroacetate	9675, 9826	Dilevalon	7025
diisopropylamine dichloroethanoate	9675, 9826	Dilexpal	9841
(+)-(R)-2-[α -[2-(Diisopropylamino)ethyl] benzyl]-p-cresol	2839	Dilithium carbonate	4942, 5779
($\pm$)-cis-4-[2-(Diisopropylamino)ethyl]-4,4a,5, 6,7,8-hexahydro-1-methyl-4-phenyl-3H- pyrido[1,2-c]pyrimidin-3-one	1495	Dillar	8703
($\pm$)- α -[2-(Diisopropylamino)ethyl]- α -isobutyl- 2-pyridineacetamide	1632	Diloderm	5641
N-[2-(Diisopropylamino)ethyl]-2-oxo-1- pyrrolidineacetamide	9004	Dilor	7145
N-[2-(Diisopropylamino)ethyl]-2-oxo-1- pyrrolidineacetamide sulfate	9005	Dilor G, component of	7145, 8168
α -[2-(Diisopropylamino)ethyl]- α -phenyl-2- pyridineacetamide	1571	Dilospan S	6229
α -[2-(Diisopropylamino)ethyl]- α -phenyl-2- pyridineacetamide phosphate	1572	Dilosyn	5650
diisopropylammonium dichloroacetate	9675	Diloxanide	1330
N,N-Diisopropyl-3,3-diphenylpropylamine	6187	Dilpral	9739
N,N-Diisopropyl-3,3-diphenylpropylamine hydrochloride	6188	Dilrene	9739
2,3:4,5-Di-O-isopropylidene- β -D-fructo- pyranose sulfamate	3007	dilthium sulfate	4946
Diisopropyl Paraoxon	7600	Diltiazem	1404, 1565, 7304, 9738
2,6-Diisopropylphenol	890	Diltiazem Hydrochloride	1405, 1566, 7305
1,4-Diisothiocyanatobenzene	1163	Diltiazem Hydrochloride, d-cis form	9739
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Dilactone actinomycin D acid	5090	Dilvax	9838
Dilactone actinomycindioic D acid	5090	Dilydrin	9866
Diladel	9739	Dilzem	9739
Dilafurane	9726	Dilzene	9739
Dilanacin	7443	Dimacef	2025
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Dilatrate	9760	dimebenzcozamide	9922
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		Dimecrotic Acid	7562
		Dimecrotic Acid Magnesium Salt	7563
		Dimedione	2934
		Dimefadane	562
		Dimeflin	9243
		Dimeflin Hydrochloride	9244
		Dimegan	3902
		Dimelin	3315, 3337
		Dimelor	3315, 3337
		Dimemorfan	6395

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Dimemorfan Phosphate	6396	Dimethisterone	9082
Dimene	7556	Dimethocaine	939
Dimenformon	8118	dimethophrine	97, 4471
Dimenhydrinate	3539	dimethothiazine	4969
Dimenoxadol	345	Dimethoxanate	6397
dimepheprimine	445	Dimethoxanate Hydrochloride	6398
Dimepheptanol	346	3,4-Dimethoxybenzoic acid 4-(ethyl-	
Dimepranol	8401	[2-(4-methoxyphenyl)-1-methylethyl]	
Dimepranol Acedoben	8402	amino]butyl ester	6217
Dimer of D-Arg ⁰ -(Hyp ³ , Cys ⁶ , D-Phe ⁷ , Leu ⁸)-bradykinin joined by a bisuccinimido- hexane linker via the sulfhydryl moieties of the cysteine residues	7106	3,4-Dimethoxybenzoic acid 4-(ethyl-	
Dimercaprol	3467	[2-(4-methoxyphenyl)-1-methylethyl]	
2,3-Dimercapto-1-Propanesulfonic Acid	3468	amino]butyl ester hydrochloride	6218
2,3-Dimercapto-1-Propanesulfonic Acid Sodium salt	3469	[2S-(2 α ,5 α ,6 β)]-6-[(2,6-Dimethoxybenzoyl)	
2,3-Dimercapto-1-propanol	3467	amino]-3,3-dimethyl-7-oxo-4-thia-1-aza-	
meso-2,3-Dimercaptosuccinic acid	3489, 7539	bicyclo[3.2.0]heptane-2-carboxylic acid	
Dimercury di(acetate)	6097	monosodium salt	2067
Dimercury dichloride	6098	(2S,5R,6R)-6-(2,6-Dimethoxybenzamido)-	
Dimercury diiodide	6099	3,3-dimethyl-7-oxo-4-thia-1-azabicyclo	
Dimerin	9403	[3.2.0]heptane-2-carboxylic acid	2065
Dimesna	8784	(2S,5R,6R)-6-(2,6-Dimethoxybenzamido)-	
Dimestrol	8115	3,3-dimethyl-7-oxo-4-thia-1-	
Dimesylmannitol	5201	azabicyclo[3.2.0]heptane-2-carboxylic	
Dimetacrine	3097	acid sodium salt monohydrate	2066
Dimetacrine Hydrochloride	3098	($\pm$)-6-[3-(3,4-Dimethoxybenzylamino)-2-	
Dimetacrine Tartrate	3099	hydroxypropoxy]-2(1H)-quinolinone	7512
Dimetacrino	3097	3-[3-[[[(7S)-3,4-Dimethoxybicyclo[4.2.0]	
Dimetacrinum	3097	octa-1,3,5-trien-7-yl]methyl]methyl	
Dimetane	3863, 3902	amino]propyl]-1,3,4,5-tetrahydro-7,8-	
Dimetane Decongestant, component of	7789, 8949	dimethoxy-2H-3-benzazepin-2-one	7103
Dimetapp	3863	N-(3,4-Dimethoxycinnamoyl)anthranilic acid	1302, 1973
Dimetapp 4 Hour Tablets, component of	159	2-(3,6-Dimethoxy-2,4-dimethylbenzyl)-2-imidazole	2725
Dimetapp Allergy Sinus, component of	159, 7791	2-(3,6-Dimethoxy-2,4-dimethylbenzyl)-2-	
Dimetapp Children's Cold & Fever, component of	172	imidazoline fumarate	2726
Dimetapp Cold and Allergy, component of	159, 7791	1'- α -6,6'-Dimethoxy-2,2'-dimethyltubo-	
Dimetapp Cold and Cough, component of	159, 7791	curaran-7',12'-diol	4895
Dimetapp Decongestant Non-Drowsy, component of	172	5-[[3,5-Dimethoxy-4-(2-methoxyethoxy)	
Dimetapp DM, component of	159	phenyl]methyl]-2,4-pyrimidinediamine	1808
Dimetapp Elixir, component of	159	2,4-Dimethoxy- β -methylcinnamic acid	7562
Dimetapp Extentabs, component of	159	4,9-Dimethoxy-7-methyl-5H-furo[3,2-g][1]	
Dimetapp Liquigels, component of	159	benzopyran-5-one	9763
Dimetapp Pediatric Decongestant Drops, component of	172	3,4-Dimethoxy-17-methylmorphinan-6 β ,14-diol	6400
Dimetapp, component of	1100	5-[(4,5-Dimethoxy-2-methylphenyl)methyl]-	
Dimethacrin	3097	2,4-pyrimidinediamine	1807
Dimethadione	2927	5,6-Dimethoxy-2-methyl-3-[2-(4-phenyl-1-	
Dimethazan	3100	piperaziny]ethyl]indole	3231
Dimethibutin	347	5-[[3,5-Dimethoxy-4-(methylthio)phenyl]	
Dimethindene	3904	methyl]-2,4-pyrimidinediamine	1806
Dimethindene Maleate	3905	2,5-dimethoxynorephedrine	133
dimethiotazine	4969	(3 β ,16 β ,17 α ,18 β ,20 α)-11,17-Dimethoxy-	
Dimethisoquin	937	18-[[1-oxo-3-(3,4,5-trimethoxyphenyl)-	
Dimethisoquin Hydrochloride	938	2-propenyl]oxy-3,20-yohimban-16-	
		carboxylic acid methyl ester	4397
		dimethoxyphenecillin sodium	2067
		(-)-p-[3-[(3,4-Dimethoxyphenethyl)amino]-	
		2-hydroxypropoxy]- β -methylcinnamionitrile	7057
		(-)-(R)- α -[[[(3,4-Dimethoxyphenethyl)amino]	
		methyl]-p-hydroxybenzyl alcohol	6894, 7438
		($\pm$)-1-[(3,4-Dimethoxyphenethyl)amino]-3-	

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(m-toloxyl)-2-propanol	1380, 1523, 4146, 6992	ethylidene-β-D-glucopyranosyl)oxy]-5,8,8a,9-tetrahydro-furo[3',4':6,7]naphtho	
(±)-1-[(3,4-Dimethoxyphenethyl)amino]-3-(m-toloxyl)-2-propanol hydrochloride	1381, 1524, 4147, 6993	[2,3-d]-1,3-dioxol-6(5aH)-one	5143
m-[[[(3,4-Dimethoxyphenethyl)carbamoyl]methyl]amino]-N-methylbenzamide	8213	5,6-Dimethoxyphthalaldehydic acid isonicotinoyl hydrazone	2604
5-[(3,4-Dimethoxyphenethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-isopropyl-valeronitrile	1484, 1688, 7367	1-(6,7-Dimethoxy-1-phthalazinyl)-4-piperidyl ethylcarbamate	7430
5-[(3,4-Dimethoxyphenethyl)methylamino]-2-(3,4-dimethoxyphenyl)-2-iso-propylvaleronitrile hydrochloride	1485, 1689, 7368	N ¹ -(2,6-Dimethoxy-4-pyrimidinyl)sulfanilamide	2461
5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile	1416, 7321	N ¹ -(5,6-Dimethoxy-4-pyrimidinyl)sulfanilamide	2465
5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile hydrochloride	1417, 7322	N ¹ -(2,6-Dimethoxy-4-pyrimidinyl)sulfanilamide sodium salt	2463
2-[93,4-Dimethoxyphenethyl]imino]-1-methylpyrrolidine	9770	N ¹ -(2,6-Dimethoxypyrimidin-4-yl)sulfanilamide	6146
d-5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile hydrochloride	1418, 7303	1-[4,7-Dimethoxy-6-[2-(1-pyrrolidinyl)ethoxy]-5-benzofuranyl]-3-methylurea	1551
l-5-[(3,4-Dimethoxyphenethyl)methylamino]-2-isopropyl-2-(3,4,5-trimethoxyphenyl)valeronitrile hydrochloride	1419, 7330	2,3-Dimethoxystyrychnidine-10-one	7647
1-[[p-[3-[(3,4-Dimethoxyphenethyl)methylamino]propoxy]phenyl)sulfonyl]-2-isopropylindolizine	4235, 7313	2,3-Dimethoxystyrychnidine-10-one sulfate (2:1) heptahydrate	7648
2-[3-(3,4-Dimethoxyphenethyl)methylamino]propyl]-5,6-dimethoxyphthalimidine	1587	10,11-dimethoxystyrychnine	7647
3-[3-(3,4-Dimethoxyphenethyl)methylamino]propyl]-1,3,4,5-tetrahydro-7,8-dimethoxy-2H-3-benzazepin-2-one	7104	[S-(R*,S*)]-6,7-Dimethoxy-3-(5,6,7,8-tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-yl)-1(3H)-isobenzofuranone	6424
3-[3-(3,4-Dimethoxyphenethyl)methylamino]propyl]-1,3,4,5-tetrahydro-7,8-dimethoxy-2H-3-benzazepin-2-one hydrochloride	7105	[S-(R*,S*)]-6,7-Dimethoxy-3-(5,6,7,8-tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-yl)-1(3H)-isobenzofuranone camphorsulfonate	6425
3-[3-[(3,4-Dimethoxyphenethyl)methylamino]propyl]-1,3,4,5-tetrahydro-7,8-dimethoxy-2H-3-benzazepin-2-one	1488	[S-(R*,S*)]-6,7-Dimethoxy-3-(5,6,7,8-tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-yl)-1(3H)-isobenzofuranone hydrochloride	6426
3-[3-[(3,4-Dimethoxyphenethyl)methylamino]propyl]-1,3,4,5-tetrahydro-7,8-dimethoxy-2H-3-benzazepin-2-one hydrochloride	1489	[S-(R*,S*)]-6,7-Dimethoxy-3-(5,6,7,8-tetrahydro-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-yl)-1(3H)-isobenzofuranone	6071
1-(3,4-Dimethoxyphenyl)-5-ethyl-7,8-dimethoxy-4-methyl-5H-2,3-benzodiazepine	6809	6,7-Dimethoxy-1-(3,4,5-triethoxyphenyl)isoquinoline	6225
di-p-methoxyphenylhydroxyethylamine	619	6,7-dimethoxy-1-veratrylisoquinoline	8893, 9704
2-(3,4-Dimethoxyphenyl)-2-isopropyl-5-[(m-methoxyphenethyl)methylamino]valeronitrile	1403	6,7-Dimethoxy-1-veratrylisoquinoline hydrochloride	8894, 9705
2-(3,4-Dimethoxyphenyl)-2-isopropyl-5-[(m-methoxyphenethyl)methylamino]valeronitrile	1560	6,7-Dimethoxy-1-veratrylisoquinoline nitrite	8895
1-(2,4-Dimethoxyphenyl)-3-(4-methoxyphenyl)-2-propen-1-one	7897	dimethylpyrindene	3904
1-[(3,4-Dimethoxyphenyl)methyl]-6,7-dimethoxyisoquinoline	8893	(Dimethylamino)acetaldehyde diphenyl acetal	3181
5-[(3,4-Dimethoxyphenyl)methyl]-2;4-pyrimidinediamine	1804	(Dimethylamino)acetaldehyde diphenyl acetal fumarate	3182
[5R-[5α,5aβ,8aα,9β(R*)]]-5-[3,5-Dimethoxy-4-(phosphonoxy)phenyl]-9-[(4,6-O-		4-(Dimethylamino)benzoic Acid	9626
		4-(Dimethylamino)benzoic Acid 2-Ethylhexyl Ester	9627
		4-(Dimethylamino)benzoic Acid 3-Methylbutyl Ester	9628
		N-[(6R,9S,10R,13S,15aS,18R,22S,24aS)-22-[p-(Dimethylamino)benzyl]-6-ethyl docosahydro-10,23-dimethyl-5,8,12,15,17,21,24-heptaoxo-13-phenyl-18-[[[(3S)3-quinuclidinylthio]methyl]-12H-pyrido[2,1-f]pyrrolo[2,1-l][1,4,7,10,13,16]oxapentaazacyclononadecin-9-yl]-3-hydroxypicolinamide	2343

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3-[[[(Dimethylamino)carbonyl]oxy]-N,N,N-trimethylbenzenaminium	7612, 8740	2-(Dimethylamino)ethanol bitartrate	7662
3-[[[(Dimethylamino)carbonyl]oxy]-N,N,N-trimethylbenzenaminium bromide	7613, 8741	2-(Dimethylamino)ethanol hemisuccinate	7663
3-[[[(Dimethylamino)carbonyl]oxy]-N,N,N-trimethylbenzenaminium methyl sulfate	7614, 8742	2-[2-(Diethylamino)-ethoxy]benzanilide	759
[4R-[3(3S*,5S*),4 α ,5 β ,6 β (R*)]]-3-[[5-[(Dimethylamino)carbonyl]-3-pyrrolidinyl]-thio]-6-(1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid	2062	N-[p-[2-(Dimethylamino)ethoxy]benzyl]-3,4,5-trimethoxybenzamide	3595
[4R-[3(3S*,5S*),4 α ,5 β ,6 β (R*)]]-3-[[5-[(Dimethylamino)carbonyl]-3-pyrrolidinyl]-thio]-6-(1-hydroxyethyl)-4-methyl-7-oxo-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid trihydrate	2063	N-[p-[2-(Dimethylamino)ethoxy]benzyl]-3,4,5-trimethoxybenzamide monohydrochloride	3596
2-(Dimethylamino)-1,1-dimethylethyl benzilate	2716, 6185	N-[p-[2-(Dimethylamino)ethoxy]benzyl]veratramide	8216
2-(Dimethylamino)-1,1-dimethylethyl benzilate hydrochloride	2717, 6186	5-[2-(Dimethylamino)ethoxy]carvacryl isopropyl carbonate	9688, 9842
5-(+)-4-Dimethylamino- α ,2-dimethylphenethylamine	8749	5-[2-(Dimethylamino)ethoxy]carvacryl isopropyl carbonate hydrochloride	9689, 9843
4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one	487, 5905	2-[2-(Dimethylamino)ethoxy]ethyl 1-phenyl-cyclopentanecarboxylate	6378
4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one bicamphorate	488, 5906	2-[2-(Dimethylamino)ethoxy]ethyl 1-phenyl-cyclopentanecarboxylate citrate (1:1)	6379
4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one cyclohexylsulfamate	483, 5904	2-(2-Dimethylaminoethoxy)ethyl pheno-thiazine-10-carboxylate	6397
4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one salicylate	489, 5907	2-(2-Dimethylaminoethoxy)ethyl pheno-thiazine-10-carboxylate	6398
6-(Dimethylamino)-2-[2-(2,5-dimethyl-1-phenylpyrrol-3-yl)vinyl]-1-methyl quinolinium 4,4'-methylenebis[3-hydroxy-2-naphthoate] (2:1)	1213	2-[α [2-(Dimethylamino)ethoxy]- α -methylbenzyl]pyridine	3916, 9353
(Z)- α -[p-[2-(Dimethylamino)ethoxy]phenyl]- α' -ethyl-4'-isopropyl-4-stilbenol	5221	2-[α [2-(Dimethylamino)ethoxy]- α -methylbenzyl]pyridine succinate	3917, 9354
(-)-3-[(Dimethylamino)-m-dioxan-5-ylmethyl]pyridine	567	2-[o-[2-(Dimethylamino)ethoxy]phenyl]-4,5-diphenylimidazole	6359
(-)-3-[(Dimethylamino)-m-dioxan-5-ylmethyl]pyridine monohydrochloride	568	2'-[2-(Diethylamino)ethoxy]-3-phenyl]propylphenone	7311, 9745
(-)-6-(Dimethylamino)-4,4-diphenyl-3-heptanol	375	2'-[2-(Diethylamino)ethoxy]-3-phenyl]propylphenone monohydrochloride	7312, 9746
6-Dimethylamino-4,4-diphenyl-3-heptanol	346	2-[3-(Diethylamino)ethyl]-2H-1,3-benz-oxazine-2,4(3H)-dione	632
6-(Dimethylamino)-4,4-diphenyl-3-heptanol acetate (ester)	391	2-[3-(Diethylamino)ethyl]-2H-1,3-benz-oxazine-2,4(3H)-dione monohydrochloride	633
6-(Dimethylamino)-4,4-diphenyl-3-heptanone	389	2-[2-(Dimethylamino)ethyl]-4-benzyl-1(2H)phthalazinone	3997
6-(Dimethylamino)-4,4-diphenyl-3-heptanone hydrochloride	390	2-[2-(Dimethylamino)ethyl]-4-benzyl-1(2H)phthalazinone hydrochloride	3998
(-)-6-(Dimethylamino)-4,4-diphenyl-3-heptanol acetate (ester)	376	2-[α]2-Dimethylaminoethyl]benzyl]pyridine	3971
(-)-6-(Dimethylamino)-4,4-diphenyl-3-heptanol acetate (ester) hydrochloride	377	2-[α]2-Dimethylaminoethyl]benzyl]pyridine bimalate	3972
(-)-(R)-6-(Dimethylamino)-4,4-diphenyl-3-heptanone	374	2-Dimethylaminoethyl-4-butylaminosalicylate	961
6-Dimethylamino-4-diphenyl-3-hexanone	415	2-(Dimethylamino)ethyl p-(butylamino)benzoate	1027
6-Dimethylamino-4-diphenyl-3-hexanone hydrochloride	416	2-(Dimethylamino)ethyl p-(butylamino)benzoate hydrochloride	1028
3-Dimethylamino-1,1-di-(2'-thienyl)-1-butene	347	2-(Dimethylamino)ethyl(E)-[[p-chloro- α -methylbenzylidene)amino]oxy]acetate	4578
2-(Dimethylamino)ethanethiol hydrochloride	7803	2-(Dimethylamino)ethyl(p-chlorophenoxy)acetate	7700
2-(Dimethylamino)ethanol	7659	2-(Dimethylamino)ethyl(p-chlorophenoxy)acetate hydrochloride	7701
2-(Dimethylamino)ethanol aceglumate	7660	2-(Dimethylamino)ethylcyclohexanepropionate	7658
2-(Dimethylamino)ethanol acetamidobenzoate	7661	(+)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one	1404, 1565, 7304, 9738
		acetate (ester)	
		(+)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester)	

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(S)-malate (1:1) monohydrochloride	1406, 1567, 7306	2-[1-[2-[2-(Dimethylamino)ethyl]inden-3-yl]ethyl]pyridine	3904
(+)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester)		2-[1-[2-[2-(Dimethylamino)ethyl]inden-3-yl]ethyl]pyridine maleate	3905
(S)-malate (1:1) monohydrochloride	1567, 7306	(S)-4-[[3-[2-(Dimethylamino)ethyl]indol-5-yl]methyl]-2-oxazolidinone	4995
(+)-5-[2-(Dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) monohydrochloride	1405, 1566, 7305, 9739	1-[[[3-[2-(Dimethylamino)ethyl]indol-5-yl]methyl]sulfonyl]pyrrolidine	4948
10-[2-(Dimethylamino)ethyl]-5,10-dihydro-5-methyl-11-H-dibenzo[b,e][1,4]diazepin-11-one	3095	6-[[6-[2-(Dimethylamino)ethyl]-4-methoxy-1,3-benzodioxol-5-yl]acetyl]-2,3-dimethoxybenzoic acid	407
10-[2-(Dimethylamino)ethyl]-5,10-dihydro-5-methyl-11-H-dibenzo[b,e][1,4]diazepin-11-one monohydrochloride	3096	2-[[2-(Dimethylamino)ethyl](p-methoxybenzyl)amino]pyridine	3982
(±)-2-[2-(Dimethylamino)ethyl]-3,4-dihydro-4-methylpyrido[3,2-f]-1,4-oxazepine-5(2H)-thione	3989	2-[[2-(Dimethylamino)ethyl](p-methoxybenzyl)amino]pyridine maleate	3983
(±)-2-[2-(Dimethylamino)ethyl]-3,4-dihydro-4-methylpyrido[3,2-f]-1,4-oxazepine-5(2H)-thione monohydrochloride monohydrate	3990	2-[[2-(Dimethylamino)ethyl](p-methoxybenzyl)amino]pyrimidine	4009
5-[2-(Dimethylamino)ethyl]-2,3-dihydro-2-phenyl-1,5-benzothiazepin-4(5H)-one	3282	2-[[2-(Dimethylamino)ethyl](p-methoxybenzyl)amino]pyrimidine hydrochloride	4010
5-[2-(Dimethylamino)ethyl]-2,3-dihydro-2-phenyl-1,5-benzothiazepin-4(5H)-one monohydrochloride	3283	2-[[2-(Dimethylamino)ethyl]-(p-methoxybenzyl)amino]thiazole	1034
(+)-(S)-2-[2-(Dimethylamino)ethyl]-3,4-dihydro-2-phenyl-1(2H)-naphthalenone	3094	2-[[2-(Dimethylamino)ethyl]-(p-methoxybenzyl)amino]thiazole hydrochloride	1035
2-(Dimethylamino)-N-(1,3-diphenylpyrazol-5-yl)propionamide	559, 4586	1-[2-(Dimethylamino)ethyl]-3-(p-methoxybenzyl)-2(1H)-quinoxalinone	6179
2-Dimethylaminoethyl 1-ethoxy-1,1-diphenylacetate	345	1-[[2-(Dimethylamino)ethyl]-methylamino]-3-phenylindole	3042
5-[2-(Diethylamino)ethyl]-3-(α-ethylbenzyl)-1,2,4-oxadiazole	8905	1-[[2-(Dimethylamino)ethyl]-methylamino]-3-phenylindole hydrochloride	3043
5-[2-(Diethylamino)ethyl]-3-(α-ethylbenzyl)-1,2,4-oxadiazole citrate (1:1)	8906	3-[2-(Dimethylamino)ethyl]-N-methylindole-5-methanesulfonamide	4991, 9496
2-(Dimethylamino)ethyl (2-ethylbutoxy) diphenylacetate	549	3-[2-(Dimethylamino)ethyl]-N-methylindole-5-methanesulfonamide succinate (1:1)	4992, 9497
1-[2-(Dimethylamino)ethyl]-9-ethyl-1,2,3,9-tetrahydro-1-methylthiopyrano[3,4-b]-indole	3277	N-[2-(Dimethylamino)ethyl]-3-nitronaphthalimide	5232
1-[2-(Dimethylamino)ethyl]-9-ethyl-1,2,3,9-tetrahydro-1-methylthiopyrano[3,4-b]-indole monohydrochloride	3278	10(2-Dimethylaminoethyl)phenothiazine	3928
2-[2-(Diethylamino)ethyl]-9-hydroxy-5,11-dimethyl-6H-pyrido[4,3-b]carbazolium chloride	5091	3-[2-(Diethylamino)ethyl]-3-phenyl-2(3H)-benzofuranone	900
2-(Dimethylamino)ethyl [5-hydroxy-4-(hydroxymethyl)-6-methyl-3-pyridyl]methyl succinate	3241	3-[2-(Diethylamino)ethyl]-3-phenyl-2(3H)-benzofuranone hydrochloride	901
2-(Dimethylamino)ethyl [5-hydroxy-(hydroxymethyl)-6-methyl-3-pyridyl]methyl succinate maleate (1:2)	3242	2-Dimethylaminoethyl 1-phenylcyclopentane-1-carboxylate	6375
2-(Dimethylamino)ethyl 1-hydroxy-α-phenylcyclopentane acetate hydrochloride	2703	2-Dimethylaminoethyl 1-phenylcyclopentane-1-carboxylate ethanedisulfonate (2:1)	6376
2-(Dimethylamino)ethyl 1-hydroxy-α-phenylcyclopentaneacetate	8939	2-Dimethylaminoethyl 1-phenylcyclopentane-1-carboxylate hydrochloride	6377
2-(Dimethylamino)ethyl 1-hydroxy-α-phenylcyclopentaneacetate hydrochloride	8940	2-(Dimethylamino)ethyl 1,3,4,5-tetrahydro-thiopyrano[4,3-b]indole-8-carboxylate	9524
4'-[[1-(Dimethylamino)ethylidene]amino]-2-methoxyacetanilide	1143	2-[[2-(Dimethylamino)ethyl]-2-thenylaminopyridine	3957
		2-[[2-(Dimethylamino)ethyl]-2-thenylaminopyridine hydrochloride	3956
		2-[[2-(Dimethylamino)ethyl]-2-thenylaminopyridine hydrochloride fumarate (2:3)	3955
		2-[[2-(Dimethylamino)ethyl]-3-thenylamino]pyridine	4004
		2-[[2-(Dimethylamino)ethyl]-3-thenylamino]pyridine hydrochloride	4005
		7-(2-Dimethylaminoethyl)theophylline	3100
		7-[2-(Dimethylamino)ethyl]theophylline [(7-hydroxy-4-methyl-2-oxo-	

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2H-1-benzopyran-6-yl]oxy]acetate	9899	bismuth (3+) citrate (1:1)	7921, 8380
3-[2-(Dimethylamino)ethyl]-5-(1H-1,2,4-triazol-1-ylmethyl)indole	4986	N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethylenediamine hydrochloride	7922, 8381
3-[2-(Dimethylamino)ethyl]-5-(1H-1,2,4-triazol-1-ylmethyl)indole monobenzoate	4987	(±)-1-[α-[(Dimethylamino)methyl]-p-methoxybenzyl]cyclohexanol	3304
3-[2-(Dimethylamino)ethyl]-5-(1H-1,2,4-triazol-1-ylmethyl)indole sulfate (2:1) monohydrate	4988	8-[(Dimethylamino)methyl]-7-methoxy-3-methylflavone	9243
(-)-(1R,2R)-2-[(R)-α-(Dimethylamino)-m-hydroxy-benzyl]cyclohexanol	537	8-[(Dimethylamino)methyl]-7-methoxy-3-methylflavone hydrochloride	9244
(-)-(1R,2R)-2-[(R)-α-(Dimethylamino)-m-hydroxy-benzyl]cyclohexanol hydrochloride	538	(±)-2-[(Dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol	784
(±)-trans-4-(Dimethylamino)-1-(2-hydroxy-cyclohexyl)-2',6'-isonipectoxylidide	1687	(±)-1-[α-[(Dimethylamino)methyl]-p-methoxybenzyl]cyclohexanol hydrochloride	3305
[3-(Dimethylamino)-1-hydroxypropylidene] diphosphonic acid	5423	trans-(±)-2-[(Dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol hydrochloride	785
4-Dimethylamino-2-isopropyl-2-phenylvaleronitrile	6410	1-(Dimethylaminomethyl)-1-methylpropyl benzoate hydrochloride	902
4-Dimethylamino-2-isopropyl-2-phenylvaleronitrile citrate	6411	5-[3-(Dimethylamino)-2-methylpropyl]-10,11-dihydro-5H-dibenz[b,f]azepine	3301
4-Dimethylamino-2-isopropyl-2-phenylvaleronitrile cyclamate	6412	5-[3-(Dimethylamino)-2-methylpropyl]-10,11-dihydro-5H-dibenz[b,f]azepine maleate (1:1)	3302
(±)-2-(Dimethylamino)-1-[o-(m-methoxyphenethyl)phenoxy]ethyl hydrogen succinate	6341, 9522	5-[3-(Dimethylamino)-2-methylpropyl]-10,11-dihydro-5H-dibenz[b,f]azepine methanesulfonate	3303
(2S,3R)-(+)-4-(Dimethylamino)-3-methyl-1,2-diphenyl-2-butanol propionate (ester)	450	10[3-(Dimethylamino)-2-methylpropyl]-2-ethylphenothiazine	3926
(2S,3R)-(+)-4-(Dimethylamino)-3-methyl-1,2-diphenyl-2-butanol propionate (ester) hydrochloride	451	10[3-(Dimethylamino)-2-methylpropyl]-2-ethylphenothiazine hydrochloride	3927
6-Dimethylamino-5-methyl-4,4-diphenyl-3-hexanone	370	10-[3-(Dimethylamino)-2-methylpropyl]phenothiazine	5656
1-[2-Dimethylamino)-1-methylethyl]-2-phenylcyclohexanol acetate (ester)	684	10-[3-(Dimethylamino)-2-methylpropyl]phenothiazine-1-carbonitrile	5743
1-[2-Dimethylamino)-1-methylethyl]-2-phenylcyclohexanol acetate (ester) hydrochloride	685	10-[3-(Dimethylamino)-2-methylpropyl]phenothiazine 5,5-dioxide	3968
(S)-10-[(Dimethylamino)methyl]-4-ethyl-4,9-dihydroxy-1H-pyrano[3',4':6,7]indolizino [1,2-b]quinoline-3,14(4H,12H)-dione	5353	10-[3-(Dimethylamino)-2-methylpropyl]phenothiazinetartrate	5657
(S)-10-[(Dimethylamino)methyl]-4-ethyl-4,9-dihydroxy-1H-pyrano[3',4':6,7]indolizino [1,2-b]quinoline-3,14(4H,12H)-dione monohydrochloride	5354	5-(Dimethylamino)-9-methyl-2-propyl-1H-pyrazolo[1,2-a][1,2,4]benzotriazine-1,3(2H)-dione	501, 4532
N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-2-nitro-N'-piperonyl-1,1-ethenediamine	6494	5-(Dimethylamino)-9-methyl-2-propyl-1H-pyrazolo[1,2-a][1,2,4]benzotriazine-1,3(2H)-dione dihydrate	502, 4533
N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]nicotinamide 1-oxide	6514	10-[3-(Dimethylamino)-2-methylpropyl]-2-(trifluoromethyl)phenothiazine	6811
N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethenediamine	6515	(αS,3R)-α-[2-(Dimethylamino)-1-methyl]-α-phenylphenethyl propionate compound with 2-napthalenesulfonic acid (1:1)	453
N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethenediamine hydrochloride	6516	(αS,3R)-α-[2-(Dimethylamino)-1-methyl]-α-phenylphenethyl propionate compound with 2-napthalenesulfonic acid (1:1) monohydrate	452
N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethylene diamine	7920, 8379	N-[2-[[[2-[(Dimethylamino)methyl]-4-thiazolyl]methyl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethenediamine	6495
N-[2-[[5-[(Dimethylamino)methyl]furfuryl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethylenediamine compound with		(4S,4aS,5aS,12aS)-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-	

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pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide	2567	octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacene	2559
(4S,4aS,5aS,12aS)-4-(Dimethylamino)-1,4,4a,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide hydrochloride	2568	carboxamide dihydrate	
(4S,4aS,5aS,12aS)-4-(Dimethylamino)-1,4,4a,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide phosphate complex	2569	4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacene carboxamide monohydrochloride	2560
α-[4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarbox-amido]-4-(2-hydroxyethyl)-1-piperazine-acetic acid	2539	4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacene carboxamide monohydrochloride	5986
(4S,4aS,5aS,6S,12aS)-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide	1354, 5987	4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-N-(1-pyrrolidinylmethyl)-2-naphthacenecarboxamide	2563
(4S,4aS,5aS,6S,12aS)-4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide monohydrochloride	1355	4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-N-(1-pyrrolidinylmethyl)-2-naphthacenecarboxamide compound with chloramphenicol succinate	2564
4-Dimethylamino-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-N-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]-6-methyl-1,11-dioxo-2-naphthacenecarboxamide	2562	4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-N-(1-pyrrolidinylmethyl)-2-naphthacenecarboxamide nitrate sesquihydrate	2565
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-1,11-dioxo-2-naphthacenecarboxamide	2566	4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-N[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]-6-methyl-1,11-dioxo-2-naphthacene carboxamide salt with phenoxymethylpenicillin	2561
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-7-nitro-1,11-dioxo-2-naphthacenecarboxamide	2557	4-(Dimethylamino)-3,4,5,6,11,12,13,14-octahydro-3,5,8,10,13-pentahydroxy-11-methoxy-6,13-dimethyl 2,6-epoxy-2H-naphthaceno[1,2-b]oxocin-9,16-dione	5210
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro--3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide	2545	dimethylaminophenyldimethylpyrazone	487, 5905
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro--3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene carboxamide monohydrate	2547	11β-[p-(Dimethylamino)phenyl]-17α-hydroxy-17-[3-hydroxypropyl]-13α-estra-4,9-diene-3-one	9123
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro--3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene carboxamide monohydrochloride compound with ethyl alcohol (2:1) monohydrate	2546	11β-[p-(Dimethylamino)phenyl]-17β-hydroxy-17-(1-propynyl)estra-4,9-dien-3-one	4
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacene carboxamide	2553	11β-[p-(Dimethylamino)phenyl]-17β-hydroxy-17-[(Z)-3-hydroxypropenyl]estra-4,9-diene-3-one	3, 9101
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-2-naphthacene carboxamide hydrochloride	2554	2-(Dimethylamino)-5-phenyl-2-oxazolin-4-one	3284
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacene carboxamide	2558	(1R,2R)-2-Dimethylamino-1-phenylpropan-1-ol	7708
4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-		2-dimethylamino-1-phenylpropanol	7708
		(±)-1-(Dimethylamino)-2-propanol	8401
		(±)-1-(Dimethylamino)-2-propanol p-acetamido benzoate (salt)	8402
		2-(Dimethylamino)propiophenone	1087
		4-[3-(Dimethylamino)propoxyl]-1,2,2,6,6-pentamethylpiperidine	6431
		4-[3-(Dimethylamino)propoxyl]-1,2,2,6,6-pentamethylpiperidine dinitrate	6432
		9-[3-(Dimethylamino)propyl]amino]-1-nitroacridine dihydrochloride	5260
		5-[3-(Dimethylamino)propyl]-5H-dibenz[b,f]azepine	3089
		2-[3-(Dimethylamino)propyl]-8,8-diethyl-2-aza-8-germaspiro[4.5]decane	5322

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2-[3-(Dimethylamino)propyl]-8,8-diethyl-2-aza-8-germaspiro[4.5]decane dihydrochloride	5321	phenothiazine monohydrochloride	5845
5-[3-(Dimethylamino)propyl]-5,11-dihydro-10H-dibenz[b,f]azepin-10-one	3164	10-[3-(Dimethylamino)propyl]-10H-phenothiazin-2-yl methyl ketone	6665
5-[3-(Dimethylamino)propyl]-5,11-dihydro-10H-dibenz[b,f]azepin-10-one fumarate	3165	10-[3-(Dimethylamino)propyl]-10H-phenothiazin-2-yl methyl ketone maleate	6666
10-[3-(Dimethylamino)propyl]-9,9-dimethylacridan	3097	10-[2-(Dimethylamino)propyl]phenothiazine compound with 8-chlorotheophylline	3584, 3978
10-[3-(Dimethylamino)propyl]-9,9-dimethylacridan hydrochloride	3098	10-[2-(Dimethylamino)propyl]phenothiazine hydrochloride	3583, 3977
10-[3-(Dimethylamino)propyl]-9,9-dimethylacridan tartrate	3099	1-[10-[2-(Dimethylamino)propyl]-10H-phenothiazin-2-yl]-1-propanone	9429
10-[2-(Dimethylamino)propyl]-N,N-dimethyl phenothiazine-2-sulfonamide	4969	1-[10-[2-(Dimethylamino)propyl]-10H-phenothiazin-2-yl]-1-propanone hydrochloride	9430
10-[2-(Dimethylamino)propyl]-N,N-dimethyl phenothiazine-2-sulfonamide monomethanesulfonate	4970	α -[2-(Dimethylamino)propyl]- α -phenylbenzeneacetamide	2650
1-[3-(Dimethylamino)propyl]-3,4-diphenylpyrazole	3127	α -[2-(Dimethylamino)propyl]- α -phenylbenzeneacetamide sulfate	2651
1-[3-(Dimethylamino)propyl]-3,4-diphenylpyrazole fumarate	3128	($\pm$)-(R*)- α -[(R*)-2-(Dimethylamino)propyl]- α -phenyl-2-pyridineacetamide	2859
N-[3-(Dimethylamino)propyl]-N-[(ethylamino)carbonyl]-6-(2-propenyl)-ergoline-8 β -carboxamide	7985	11-[3-(Dimethylamino)propyl]-6-phenyl-11H-pyrido[2,3-b][1,4]benzodiazepine	3275
N-[3-(Dimethylamino)propyl]-N-[(ethylamino)carbonyl]-6-(2-propenyl)-ergoline-8 β -carboxamide diphosphate	7986	11-[3-(Dimethylamino)propyl]-6-phenyl-11H-pyrido[2,3-b][1,4]benzodiazepine fumarate (1:1)	3276
1-[3-(Dimethylamino)propyl]-1-(p-fluorophenyl)-5-phthalanarbonitrile	3061	10-(2-Dimethylaminopropyl)-10H-pyrido[3,2-b][1,4]benzothiazine	3939
1-[3-(Dimethylamino)propyl]-1-(p-fluorophenyl)-5-phthalanarbonitrile hydrobromide	3062	10-(2-Dimethylaminopropyl)-10H-pyrido[3,2-b][1,4]benzothiazine hydrochloride	3940
5-[3-Dimethylamino)propyl]-6,7,8,9,10,11-hexahydro-5H-cyclooct[b]indole	3157	10-[3-(Dimethylamino)propyl]-2-(trifluoromethyl)phenothiazine	5889
5-[3-Dimethylamino)propyl]-6,7,8,9,10,11-hexahydro-5H-cyclooct[b]indole hydrochloride	3158	10-[3-(Dimethylamino)propyl]-2-(trifluoromethyl)phenothiazine monohydrochloride	5890
11-[(Z)-3-(Dimethylamino)propylidene]-6,11-dihydrodibenz[b,e]oxepin-2-acetic acid	1279	(Dimethylamino)pyrazine	7641
11-[(Z)-3-(Dimethylamino)propylidene]-6,11-dihydrodibenz[b,e]oxepin-2-acetic acid hydrochloride	1280	(Dimethylamino)pyrazine sulfate (1:1)	7642
11-[3-(Dimethylamino)propylidene]-5,6-dihydro-5-methylmorphanthridine	2727	3-(Dimethylamino)-1,2,3,4-tetrahydrocarbazole	3072
3-O-[3-(Dimethylamino)propyl]-1,2-O-isopropylidene- α -D-glucofuranose	8393	(Dimethylamino)trimethylpyrazine	2841
3-O-[3-(Dimethylamino)propyl]-1,2-O-isopropylidene- α -D-glucofuranose hydrochloride	8394	3,5-Dimethyl-1-adamantanamine	8872
9-[3-(Dimethylamino)propyl]-2-methoxythioxanthene-9-ol	6420	3,5-Dimethyl-1-adamantanamine hydrochloride	8873
5-[3-(Dimethylamino)propyl]-6(5H)-phenanthridinone	3117	1,3-dimethylamylamine	135
5-[3-(Dimethylamino)propyl]-6(5H)-phenanthridinone monohydrochloride	3118	N- β -Dimethylbenzeneethanamine	160
5-[3-(Dimethylamino)propyl]-6(5H)-phenanthridinone monohydrochloride monohydrate	3119	N ¹ -(3,4-Dimethylbenzoyl)sulfanilamide	2500
10-[2-(Dimethylamino)propyl]phenothiazin-2-yl methyl ketone	6667	1-(p, α -Dimethylbenzyl)camphorate compound with 2,2'-iminodiethanol (1:1)	7587
10-[2-(Dimethylamino)propyl]phenothiazine	3582, 3976	4-(2,3-Dimethylbenzyl)imidazole	96
10-[3-(Dimethylamino)propyl]phenothiazine	5844	4-(2,3-Dimethylbenzyl)imidazole hydrochloride	9344
10-[3-(Dimethylamino)propyl]		N,N-Dimethylbiguanide	3385, 3386
		Dimethylbis[(phenylcarbamoyl)methyl]ammonium chloride	923
		N-(1-Dimethylcarbamoylpropyl)-N-ethyl crotonamide	546, 9241
		N-[1-(Dimethylcarbamoyl)propyl]-N-propyl crotonamide	545
		N-[1-(Dimethylcarbamoyl)propyl]-N-propyl crotonamide mixture with N-[1-(dimethylcarbamoyl)propyl]-N-ethylcrotonamide	9242
		N-[1-(Dimethylcarbonylpropyl)-N-propyl crotonamide	544, 9240
		(+)-O,O'-Dimethylchondrocurarine diiodide	8883
		N, β -Dimethylcyclohexaneethanamine hydrochloride	1059

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(-)-N,α-Dimethylcyclohexaneethylamine	127, 7779	octahydro-2(1H)-isoquinolinyl]-2-hydroxy-1-	
l-N,α-Dimethylcyclohexaneethylamine	168	(phenylmethyl)propyl]-2-[(2-quinolinyl	
l-N,α-Dimethylcyclohexaneethylamine hydrochloride	170	carbonyl)amino]butanediamide mono	
(-)-N,α-Dimethylcyclohexaneethylamine compound		methanesulfonate	6637
with 5-ethyl-5-phenylbarbituric acid (1:1)	90, 7767	[2S-[1 [1R*(R*),2S*]-2α,4α-N-[1-[[[3-[2-[[[1,1-	
(±)-N,α-Dimethylcyclohexane-		Dimethylethyl)amino]carbonyl]-4-(4-	
ethylamine	163, 166, 169, 7792	pyridinylmethoxy)-1-piperidinyl]-2-hydroxy-	
d-N,α-Dimethylcyclohexaneethylamine	164	1-(phenylmethyl)propyl]amino]carbonyl]-	
d-N,α-Dimethylcyclohexaneethylamine		2-methylpropyl]-2-quinolinecarboxamide	6625
hydrochloride	165	5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-	
(±)-N,α-Dimethylcyclohexaneethylamine		1,3-benzenediol	6964, 7252, 9599
hydrochloride	167, 7793	5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-	
N,α-Dimethylcyclopentaneethylamine	94, 7769	1,3-benzenediol sulfate (2:1) (salt)	6965, 7253, 9600
N,α-Dimethylcyclopentaneethylamine		[5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-	
hydrochloride	95, 7770	2-hydroxyphenyl]urea	6887, 7129
N,β-Dimethylcyclohexaneethanamine	1060	[5-[2-[(1,1-Dimethylethyl)amino]-1-hydroxyethyl]-	
N,N-Dimethyl-5H-dibenzo[a,d]cyclo-		2-hydroxyphenyl]urea monohydrochloride	6888, 7130
heptene-Δ ⁵ -propylamine	6706, 8831	N-(1,1-Dimethylethyl)decahydro-2-[2-hydroxy-	
N,N-Dimethyl-5H-dibenzo[a,d]cyclo		3-[(3-hydroxy-2-methylbenzoyl)amino]-	
heptene-Δ ⁵ -propylamine hydrochloride	6707, 8832	4-(phenylthio)butylisoquinoline carboxamide	6621
Dimethyl 7,12-diethenyl-3,8,13,17-		N-(1,1-Dimethylethyl)decahydro-2-[2-hydroxy-	
tetramethyl-21H,23H-porphine-2,18-		3-[(3-hydroxy-2-methylbenzoyl)amino]-	
dipropionate	8361	4-(phenylthio)butylisoquinoline c	
Dimethyl 4-[o-(difluoromethoxy)phenyl]-		arboxamide monomethanesulfonate	6622
1,4-dihydro-2,6-dimethyl-3,5-pyridine		2-[[4-(1,1-Dimethylethyl)-2,6-dimethyl	
dicarboxylate	7358	phenyl]methyl]-4,5-dihydro-1H-imidazole	7801
Dimethyl 1,4-dihydro-2,6-dimethyl-		2-[[4-(1,1-Dimethylethyl)-2,6-dimethyl	
4-(o-nitrophenyl)-3,5-pyridine		phenyl]methyl]-4,5-dihydro-1H-	
dicarboxylate	1442, 4346, 7343, 9773	imidazole monohydrochloride	7802
(-)-[(S)-2,2-Dimethyl-1,3-dioxolan-4-yl]		dimethyl ethyl carbinol	9419
methyl p-[(S)-2-hydroxy-3-[[2-(4-		α[4-(1,1-Dimethylethyl)phenyl]-4-(hydroxy	
morpholinecarboxamido)ethyl]		diphenylmethyl)-1-piperidinebutanol	4002
amino]propoxy]hydrocinnamate	7036	6-[O-(1,1-Dimethylethyl)-D-serine]-10-	
(-)-N,N-Dimethyl-1,2-diphenylethylamine	630	deglycineanideluteinizing hormone-releasing	
(-)-N,N-Dimethyl-1,2-diphenylethylamine		factor (pig)-2-(aminocarbonyl)hydrazide	8582
hydrochloride	631	6-[O-(1,1-Dimethylethyl)-D-serine]-9-(N-ethyl-	
1,4-Dimethyl-1,4-diphenyl-2-tetrazene	5316	L-prolinamide)-10-deglycinamideluteinizing	
6β,7β,15β,16β-Dimethylene-3-oxo-4-		hormone releasing factor (pig)	8220
androstene[17-β-1'-spiro-5']perhydro-		6-[O-(1,1-Dimethylethyl)-D-serine]-9-(N-ethyl-	
furan-2'-one	9083	L-prolinamide)-10-deglycinamideluteinizing	
N'-(1,6-Dimethylergolin-8α-yl)-N,N-		hormone releasing factor (pig) acetate	8221
dimethylsulfamide	9508	6-[O-(1,1-Dimethylethyl)-D-serine]-9-(N-ethyl	
[1S-[1R*(R*),2S*]]-N'-[3-[[[1,1-		prolinamide)-10-deglycinamideluteinizing	
Dimethylethyl)amino]carbonyl](2-		hormone-releasing factor (pig)	8577
methylpropyl)amino]-2-hydroxy-1-		6-[O-(1,1-Dimethylethyl)-D-serine]-9-(N-ethyl	
(phenylmethyl)propyl]-2-[(2-quinolinyl		prolinamide)-10-deglycinamideluteinizing	
carbonyl)amino]butanediamide	6646	hormone-releasing factor (pig) monoacetate	8578
5-[3-[(1,1-Dimethylethyl)amino]-2-		10-(N,N-Dimethylglycyl)phenothiazine	3898
hydroxypropyl]-3,4-dihydro-		(E)-N-(6,6-Dimethyl-2-hepten-4-ynyl)-N-methyl-1-	
2(1H)-quinolinone	1395, 1552, 3800, 4176, 7016	naphthalenemethylamine	3766
5-[3-[(1,1-Dimethylethyl)amino]-2-		7-(1,2-Dimethylheptyl)-2,2-dimethyl-4-(4-	
hydroxypropyl]-3,4-dihydro-2(1H)-quinolinone		pyridiyl)-2H-1-benzopyran-5-ol	3569
hydrochloride	1396, 1553, 3801, 4177, 7017	(±)-3-(1,1-Dimethylheptyl)-6aβ,7,8,9,10,10α-	
N'-[3-[3-[[[1,1-Dimethylethyl)amino]		hexahydro-6,6-dimethyl-6H-dibenzo	
carbonyl]octahydro-2(1H)-isoquinolinyl]-		[b,d]pyran-1,9-diol	6689
2-hydroxy-1-(phenylmethyl)propyl]-2-		(±)-3-(1,1-Dimethylheptyl)-6aβ,7,8,10,10α-	
[(2-quinolinylcarbonyl)amino]butanediamide	6636	hexahydro-1-hydroxy-6,6-dimethyl-9H-	
N'-[3-[3-[[[1,1-Dimethylethyl)amino]carbonyl]		dibenzo[b,d]pyran-9-one	3566

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(±)-8-(1,2-Dimethylheptyl)-1,3,4,5-tetrahydro-5,5-dimethyl-2-(2-propynyl)-2H-[1]benzopyrano[4,3-c]pyridin-10-yl α,2-dimethyl-1-piperidinebutyrate	651	N,N-Dimethyl-2-[(o-methyl-α-phenylbenzyl)oxy]ethylamine	3964, 8890
(±)-8-(1,2-Dimethylheptyl)-1,3,4,5-tetrahydro-5,5-dimethyl-2-(2-propynyl)-2H-[1]benzopyrano[4,3-c]pyridin-10-yl α,2-dimethyl-1-piperidinebutyrate dihydrochloride	652	N,N-Dimethyl-2-[(o-methyl-α-phenylbenzyl)oxy]ethylamine citrate	3965
8-(1,2-Dimethylheptyl)-1,3,4,5-tetrahydro-5,6-dimethyl-2-(2-propynyl)-2H-[1]benzopyrano[4,3-c]pyridin-10-yl 1-piperidinebutyrate	674	N,N-Dimethyl-2-[(o-methyl-α-phenylbenzyl)oxy]ethylamine citrate (1:1)	8891
8-(1,2-Dimethylheptyl)-1,3,4,5-tetrahydro-5,6-dimethyl-2-(2-propynyl)-2H-[1]benzopyrano[4,3-c]pyridin-10-yl 1-piperidinebutyrate monohydrochloride	675	N,N-Dimethyl-2-[(o-methyl-α-phenylbenzyl)oxy]ethylamine hydrochloride	3966
3-(1,2-Dimethylheptyl)-7,8,9,10-tetrahydro-6,6,9-trimethyl-6H-dibenzo[b,d]pyran-1-yl hexahydro-1H-azepine-1-butylate	2967	1,1-Dimethyl-2-[[p-methyl-α-phenylbenzyl)oxy]methyl]piperidinium bromide	3975
dimethylhexestrol	8146	[2S-(2α,5α,6β)]-3,3-Dimethyl-6-[[[(5-methyl-3-phenyl-4-isoxazoly]carbonyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2075
1,5-Dimethylhexylamine	151, 981, 7785	[2S-(2α,5α,6β)]-3,3-Dimethyl-6-[[[(5-methyl-3-phenyl-4-isoxazoly]carbonyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt monohydrate	2077
N,N-dimethyl-2-hydroxyethylamine	7659	N,N-Dimethyl-2-[(4-methylphenyl)phenylmethoxy]ethanamine	3958
6α,21-Dimethyl-17β-hydroxy-17α-pregn-4-en-20-yn-3-one	9082	N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl)propylidene]thioxanthene-2-sulfonamide	5871
1,1-Dimethyl-3-hydroxypyrrolidinium bromide	3931	N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl)propylidene]thioxanthene-2-sulfonamide dihydrochloride	5875
N,N-Dimethylimidocarbonimidic diamide	3386	N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl)propylidene]thioxanthene-2-sulfonamide dihydrochloride dihydrate	5873
N,N-Dimethylimidodicarbonimidic diamide monohydrochloride	3357	N,N-Dimethyl-10-[3-(4-methyl-1-piperazinyl)propyl]phenothiazine-2-sulfonamide	3593, 5877
N ¹ -(3,4-Dimethyl-5-isoxazoly)sulfanilamide	2520	N,N-Dimethyl-10-[3-(4-methyl-1-piperazinyl)propyl]phenothiazine-2-sulfonamide dimethanesulfonate	3594
N ¹ -(3,4-Dimethyl-5-isoxazoly)sulfanilamide diethanolamine salt	2521	N,N-Dimethyl-10-[3-(4-methyl-1-piperazinyl)propyl]phenothiazine-2-sulfonamide methanesulfonate (1:2)	5878
dimethylmeperidine	446	[2S-[2α,5α,6β(S*)]]-3,3-Dimethyl-6-[[[[[3-(methylsulfonyl)-2-oxo-1-imidazolidinyl]carbonyl]amino]phenylacetyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2068
N-(β,β-Dimethyl-m-methoxyphenethyl)-4-hydroxybutyramide	948	[2S-[2α,5α,6β(S*)]]-3,3-Dimethyl-6-[[[[[3-(methylsulfonyl)-2-oxo-1-imidazolidinyl]carbonyl]amino]phenylacetyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt	2069
(±)-1,8-Dimethyl-3-(2-methylbutyl)xanthine	1796	N,N'-Dimethyl-2-naphthaleneacetamidine monohydrochloride	3201
(±)-1,8-Dimethyl-3-(2-methylbutyl)xanthine [2S-(2α,5α,6β)]-3,3-Dimethyl-6-[[[(methylene-amino)phenylacetyl]amino]-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2064	N,N-Dimethyl-1-octadecanamine	1175
4,4-Dimethyl-1-[(3,4-methylenedioxy)phenyl]-1-penten-3-ol	2997	trans-3,7-Dimethyl-2,6-octadienyl-5,9,13-trimethyl-4,8,12-tetradecatrienoate	6482
1,4-Dimethyl-7-(1-methylethyl)azulene	6483, 7750	3,5-Dimethyl-N-(4,6,6a,7,8,9,10,10a-octahydro-4,7-dimethylindolo[4,3-fg]quinolin-9-yl)pyrazole-1-carboxamide	2776
2,6-Dimethyl-N-(5-methyl-3-isoxazoly)benzamide [R-(R*,R*)]-α,4-Dimethyl-α-(4-methyl-3-pentenyl)cyclohex-3-ene-1-methanol	4551	[2S-[2α,5α,6β(S*)]]-3,3-Dimethyl-7-oxo-6-[[[[[(2-oxo-1-imidazolidinyl)carbonyl]amino]phenyl]acetyl]amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	1898
(±)-cis-2,6-Dimethyl-4-[2-methyl-3-(p-tert-pentylphenyl)propyl]morpholine	3630		
(±)-cis-2,6-Dimethyl-4-[2-methyl-3-(p-tert-pentylphenyl)propyl]morpholine hydrochloride	3631		
(R*,R*)-(-)-α,4-Dimethyl-α-(4-methyl-3-pentenyl)cyclohex-3-ene-1-methanol	4548		
(R*,R*)-(+)-α,4-Dimethyl-α-(4-methyl-3-pentenyl)cyclohex-3-ene-1-methanol	4550		
[S-(R*,R*)]-α,4-Dimethyl-α-(4-methyl-3-pentenyl)cyclohex-3-ene-1-methanol	4549		
(R*,R*)-(±)-α,4-Dimethyl-α-(4-methyl-3-pentenyl)cyclohex-3-ene-1-methanol	4552		
(R*,R*)-α,4-Dimethyl-α-(4-methyl-3-pentenyl)cyclohex-3-ene-1-methanol	4547		

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[2S-[2 α ,5 α ,6 β (S*)]]-3,3-Dimethyl-7-oxo-6- [[[(2-oxo-1-imidazolidinyl)carbonyl]amino] phenyl]avetyl]amino]-4-thia-1-azabicyclo [3.2.0]heptane-2-carboxylic acid sodium salt	1899	N,N-Dimethyloctadecylamine	1175
[2S-[2 α ,5 α ,6 β (S*)]]-6-(2,2-Dimethyl-5-oxo-4- phenyl-1-imidazolidinyl)-3,3-dimethyl-7- oxo-4-thia-1-azabicyclo[3.2.0]heptane-2- carboxylic acid	2051	N,N-Dimethyloctadecylamine hydrochloride	1176
[2S-[2 α ,5 α ,6 β (S*)]]-6-(2,2-Dimethyl-5-oxo-4- phenyl-1-imidazolidinyl)-3,3-dimethyl-7- oxo-4-thia-1-azabicyclo[3.2.0]heptane-2- carboxylic acid potassium salt	2052	5,5-Dimethyl-2,4-oxazolidinedione	2927
(Z)-N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl) propylidene]thioxanthene-2-sulfonamide	5872, 5876	N ¹ -(4,5-Dimethyl-2-oxazolyl)amidino] sulfanilamide	2469
(Z)-N,N-Dimethyl-9-[3-(4-methyl-1-piperazinyl) propylidene]thioxanthene-2-sulfonamide dihydrochloride	5874	N ¹ -(4,5-Dimethyl-2-oxazolyl)sulfanilamide	2494
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-6-[[[(5-methyl- 3-phenyl-4-isoxazolyl)carbonyl]amino]-7- oxo-4-thia-1-azabicyclo[3.2.0]heptane-2- carboxylic acid sodium salt	2076	N ¹ -(4,5-Dimethyl-3-isoxazolyl)sulfanilamide	2517
17a,17a-Dimethyl-3 β -(1-methylpyrrolidino)- 17a-azonia-D-homoandrost-5-ene diiodide	8818	(11 β)-21-(3,3-Dimethyl-1-oxobutoxy)-11,17- dihydroxypregna-1,4-diene-3,20-dione	8709
16,16-dimethyl-trans- Δ^2 -PGE ₁ methyl ester	2,	(11 β ,16 α)-21-(3,3-Dimethyl-1-oxobutoxy)-9- fluoro-11-hydroxy-16,17-[(1-methylethylidene) bis(oxy)]pregna-1,4-diene-3,20-dione	8736
1-(3',4'-Dimethylphenyl)-1-cyclopentanecarboxylic acid 2-diethylaminoethyl ester	2766	3-[(R)-2-[(1S,3S,5S)-3,5-Dimethyl-2-oxocyclohexyl]- 2-hydroxyethyl]glutarimide	5669
1-(3',4'-Dimethylphenyl)-1-cyclopentanecarboxylic acid 2-diethylaminoethyl ester hydrochloride	2767	[2S-[2 α ,5 α ,6 β (S*)]]-3,3-Dimethyl-7-oxo-6-[[[(2- oxo-1-imidazolidinyl)carbonyl]amino]phenyl] acetyl]amino]-4-thia-1-azabicyclo[3.2.0] heptane-2-carboxylic acid	1898
5,6-Dimethyl-4-methyl-2(1H)-quinazolinone	7419, 9721	[2S-[2 α ,5 α ,6 β (S*)]]-3,3-Dimethyl-7-oxo-6-[[[(2- oxo-1-imidazolidinyl)carbonyl]amino]phenyl] acetyl]amino]-4-thia-1-azabicyclo[3.2.0] heptane-2-carboxylic acid sodium salt	1899
5,6-Dimethyl-4-methyl-2(1H)- quinazolinone monohydrochloride	7420, 9722	4-(4,4-Dimethyl-3-oxopentyl)-1,2-diphenyl-3,5- pyrazolidinedione	4792
[2S-[2 α ,5 α ,6 β (S*)]]-3,3-Dimethyl-6-[[[(3- (methylsulfonyl)-2-oxo-1-imidazolidinyl) carbonyl]amino]phenylacetyl]amino]-7- oxo-4-thia-1-azabicyclo[3.2.0]heptane-2- carboxylic acid	2068	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6- [(phenoxyacetyl)amino]-4-thia-1-azabicyclo [3.2.0]heptane-2-carboxylic acid	2099
[2S-[2 α ,5 α ,6 β (S*)]]-3,3-Dimethyl-6-[[[(3- (methylsulfonyl)-2-oxo-1-imidazolidinyl) carbonyl]amino]phenylacetyl]amino]-7- oxo-4-thia-1-azabicyclo[3.2.0]heptane-2- carboxylic acid sodium salt	2069,	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6- [(phenoxyacetyl)amino]-4-thia-1-azabicyclo [3.2.0]heptane-2-carboxylic acid compound with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1) tetrahydrate	2101
(+)-3,17-Dimethylmorphinan	6395,	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6- [(phenoxyacetyl)amino]-4-thia-1-azabicyclo [3.2.0]heptane-2-carboxylic acid mono- potassium salt	2103
(+)-3,17-Dimethylmorphinan phosphate	6396,	(2S,5R,6R)-3,3-Dimethyl-7-oxo-6-[(2S)- phenoxybutyramido]-4-thia-1-azabicyclo [3.2.0]heptane-2-carboxylic acid	2058
(+)-(S)-N,N-Dimethyl- α -[2-(1-naphthyloxy) ethyl]benzylamine	3081,	(2S,5R,6R)-3,3-Dimethyl-7-oxo-6-[(2S)- phenoxybutyramido]-4-thia-1-azabicyclo [3.2.0]heptane-2-carboxylic acid potassium salt	2059
(+)-(S)-N,N-Dimethyl- α -[2-(1-naphthyloxy) ethyl]benzylamine hydrochloride	3082,	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6- [(phenoxyphenylacetyl)amino]-4-thia-1- azabicyclo[3.2.0]heptane-2-carboxylic acid	2041
2, α -Dimethyl-5-nitroimidazole-1-ethanol	1349,	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6- [(phenoxyphenylacetyl)amino]-4-thia-1- azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt	2042
5,6-Dimethyl-2-aci-nitro-1,3-indandione	1277,	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6- [(1-oxo-2-phenoxybutyl)amino]-4-thia-1- azabicyclo[3.2.0]heptane-2-carboxylic acid	2121
5,6-Dimethyl-2-aci-nitro-1,3-indandione sodium salt monohydrate	1278	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6- [(1-oxo-2-phenoxybutyl)amino]-4-thia-1- azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt	2122
(2Z,6E)-2-[(3E),4,8-Dimethyl-3,7-nonadienyl]- 6-methyl-2,6-octadiene-1,8-diol	6508, 7755	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6- [(1-oxo-2-phenoxypropyl)amino]-4-thia-1-	
5-(3,3-Dimethyl-2-norbornylidene)-3-penten-2-one	9631		
N,N-dimethylnorephedrine	7207, 7708		
2-[2-(6,6-Dimethyl-2-norpinen-2-yl)ethoxy] triethylamine	977		
α ,2-Dimethyl-5-nitroimidazole-1-ethanol	5623		

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azabicyclo[3.2.0]heptane-2-carboxylic acid monopotassium salt	2105	amino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-N-[[4-(2-hydroxyethyl)-1-piperazinyl]methyl]-6-methyl-1,11-dioxo-2-naphthacenecarboxamide (1:1)	2104
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	1905	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monopotassium salt	2092
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (acetyloxy) methyl ester	2082	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monosodium salt	1904
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 2-(diethylamino)ethyl ester monohydriodide	2083	[2S-[2 α ,5 α ,6 β (S*)]]-6-(2,2-Dimethyl-5-oxo-4-phenyl-1-imidazolidinyl)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2051
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid aluminum salt	2084	[2S-[2 α ,5 α ,6 β (S*)]]-6-(2,2-Dimethyl-5-oxo-4-phenyl-1-imidazolidinyl)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt	2052
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid calcium salt	2089	3,3-Dimethyl-7-oxo-6-(2-phenyl-2-sulfoacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2134
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with 2-(diethylamino)ethyl 4-amino-2-chlorobenzoate (1:1)	2090	3,3-Dimethyl-7-oxo-6-(2-phenyl-2-sulfoacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid disodium salt	2135
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with 2-(diethylamino)ethyl 4-aminobenzoate (1:1)	2093	3,3-Dimethyl-7-oxo-6-[2-phenyl-D-2-(sulfoamino)acetamido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2139
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with 2-(diethylamino)ethyl 4-aminobenzoate (1:1) monohydrate	2094	3,3-Dimethyl-7-oxo-6-[2-phenyl-D-2-(sulfoamino)acetamido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt	2140
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N-(phenylmethyl)benzeneethanamine (1:1)	2085	(2S,5R,6R)-3,3-Dimethyl-7-oxo-6-[(R)-2-phenyl-2-[2-[p-(1,4,5,6-tetrahydro-2-pyrimidinyl)phenyl]acetamido]acetamido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2125
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1)	2100	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[[2-propenylthio)acetyl]amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2096
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptan-2-carboxylic acid compound with N,N'-bis(phenylmethyl)-1,2-ethanediamine	2088	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[[2-propenylthio)acetyl]amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt	2097
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N,N'-dibenzylethylenediamine (1:1)	2086	[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[[2-propenylthio)acetyl]amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt	2098
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with N,N'-dibenzylethylenediamine (1:1) tetrahydrate	2087	(11 β)-21-(2,2-Dimethyl-1-oxopropoxy)-11,17-dihydroxypregna-1,4-diene-3,20-dione	8715
[2S-(2 α ,5 α ,6 β)]-3,3-Dimethyl-7-oxo-6-[(phenylacetyl)amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid compound with [4S-(4 α ,4a α ,5a α ,6 β ,12a α)]-4-(dimethyl-		21-(2,2-Dimethyl-1-oxopropoxy)pregn-4-ene-3,20-dione	8637
		4-[(2,2-Dimethyl-1-oxopropyl)amino]butanoic acid	2986
		(11 β)-21-[(2,2-Dimethyl-1-oxopropyl)thio]-11,17-dihydroxypregna-4-ene-3,20-dione	4882
		(2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2130, 2635
		(2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4-	

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dioxide (2,2-dimethyl-1-oxopropoxy) methyl ester	2132, 2637	N,N-Dimethyl-2-(α -phenyl-o-toloxo)ethylamine	3973
(2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo [3.2.0]heptane-2-carboxylic acid compound with N,N'-dibenzylethylenediamine	2131, 2636	N,N-Dimethyl-2-(α -phenyl-o-toloxo)ethylamine citrate	3974
(2S-cis)-3,3-Dimethyl-7-oxo-4-thia-1-azabicyclo [3.2.0]heptane-2-carboxylic acid sodium salt	2133, 2638	N,N-Dimethyl-3-phenyl-3-p-tolylpropamine	4011
5,6-Dimethyloxy-3-[2-[4-(o-methoxyphenyl)- 1-piperazinyl]ethyl]-2-methylindole	5800	N,N-Dimethyl-3-phenyl-3-p-tolylpropylamine	5655
dimethyloxychinizin	496	9-[3-cis-3,5-Dimethyl-1-piperazinyl]propyl] carbazole	5853
dimethyloxyquinazine	496	9-[3-cis-3,5-Dimethyl-1-piperazinyl]propyl] carbazole dihydrochloride	5854
α,α -Dimethylphenethylamine	1098, 7713	N-[4-(2,6-Dimethylpiperidino)butyl]-2-phenoxy- 2-phenylacetamide	1627
(-)-(R)-N, α -Dimethylphenethylamine	7778	1,1-Dimethyl-2-piperidinoethyl 3-methyl- 4-oxo-2-phenyl-4H-1-benzopyran-8-carboxylate	6248
(+)-(S)-N- α -Dimethylphenethylamine	1088	2,4'-Dimethyl-3-piperidinopropiophenone	8927
α,α -Dimethylphenethylamine	1098	2,4'-Dimethyl-3-piperidinopropiophenone hydrochloride	8928
α,α -Dimethylphenethylamine hydrochloride	1099	6,17-Dimethylpregna-4,6-diene-3,20-dione	9103
(+)-(S)-N- α -Dimethylphenethylamine hydrochloride	1089	5-(2,2-Dimethylpropyl)-5-(2-propenyl)-2,4,6 (1H,3H,5H)-pyrimidinetrione	9407
α,α -Dimethylphenethylamine hydrochloride	7714	3,3-Dimethyl-1-[4-[4-(2-pyrimidinyl)-1-piperazinyl] butyl]glutarimide	6730
5'-[2-[(α,α -Dimethylphenethyl)amino]-1- hydroxyethyl]-2'-hydroxymethanesulfonanilide	7281	3,3-Dimethyl-1-[4-[4-(2-pyrimidinyl)-1-piperazinyl] butyl]glutarimide monohydrochloride	6731
5'-[2-[(α,α -Dimethylphenethyl)amino]-1- hydroxyethyl]-2'-hydroxymethane- sulfonanilide hydrochloride	7282	5-[p-[(4,6-Dimethyl-2-pyrimidinyl)sulfamoyl] phenylazo]salicylic acid	2446
3-(N, α -Dimethylphenethylaminomethyl)-4-isopropyl- 2-methyl-1-phenyl-3-pyrazolin-5-one	587	N'-[2,6-Dimethyl-4-pyrimidinyl)sulfanilamide	2519
2-[(2,3-Dimethylphenyl)amino]benzoic acid	650	1,2-Dimethyl-3-phenyl-3-pyrrolidinol propionate (ester)	731
N,N-Dimethyl-2-[[[1R,2S,4R)-2-phenyl-2- bornyl]oxy]ethylamine	6710	1,2-Dimethyl-3-phenyl-3-pyrrolidinol propionate (ester) hydrochloride	732
N,N-Dimethyl- γ -phenylcyclohexanepropylamine	3141	4-[6-(2,5-Dimethylpyrrol-1-yl)amino]-3- pyrazinyl)morpholine	4331
4,6-Dimethyl-2-[(6-phenylhexyl)amino]-5- pyrimidinol phosphate	5671	2,2-Dimethylpropanoic acid	8769
N,N-Dimethyl-3-phenyl-1-indanamine	562	($\pm$)-trans-m-(1,3-Dimethyl-4-propyl-4-piperidyl) phenol	715
N,N-Dimethyl-1-phenylindene-1-ethylamine	7696	($\pm$)-trans-m-(1,3-Dimethyl-4-propyl-4- piperidyl)phenol hydrochloride	716
N,N-Dimethyl-1-phenylindene-1-ethylamine hydrochloride	7697	(-)-(R)-N, α -Dimethyl-N,2-propynyl phenethylamine	3503, 5517, 8774
(2S,3S)-3,4-Dimethyl-2-phenylmorpholine	1096	(-)-(R)-N, α -Dimethyl-N,2-propynyl phenethylamine hydrochloride	3502, 5518, 8775
(2S,3S)-3,4-Dimethyl-2-phenylmorpholine L-(+)-tartrate (1:1)	1097	N,N-Dimethyl-10H-pyrido[3,2-b][1,4]benzothiazine- 10-propanamine	5846
1,3-Dimethyl-4-phenyl-4-piperidinol propanoate	295	N,N-Dimethyl-10H-pyrido[3,2-b][1,4]benzo- thiazine-10-propanamine monohydrochloride	5847
β -1,3-Dimethyl-4-phenyl-4-piperidinol propanoate	303	3,4-Dimethyl-N-(4-pyridylmethyl)benzamide	8006
1,3-Dimethyl-4-phenyl-4-piperidinol propanoate monohydrochloride	296	N-[4-[(2,6-Dimethyl-4-pyrimidinyl)amino]sulfonyl] phenyl]formamide	2436
($\pm$)-6-[2-[(1,1-Dimethyl-3-phenylpropyl)amino]-1- hydroxyethyl]-3,4-dihydrocarbostyrl	6999	N'-[4,6-Dimethyl-2-pyrimidinyl)sulfanilamide	2477
1,3-Dimethyl-4-phenyl-4-propionyloxyazacycloheptane	445	N'-[4,6-Dimethyl-2-pyrimidinyl)sulfanilamide sodium salt	2478
2,3-Dimethyl-1-phenyl-3-pyrazolin-5-one	496	7,8-Dimethyl-10-(D-ribo-2,3,4,5-tetrahydroxy pentyl)isoalloxazine	8094
2,3-Dimethyl-1-phenyl-3-pyrazolin-5-one acetylsalicylate	497	7,8-Dimethyl-10-(D-ribo-2,3,4,5-tetrahydroxy pentyl)isoalloxazine 2,3,4,5-tetrabutryate	8095
2,3-Dimethyl-1-phenyl-3-pyrazolin- 5-one methylethylglycolate	498	7,8-Dimethyl-10-(D-ribo-2,3,4,5-tetrahydroxy pentyl)isoalloxazine 5'-(dihydrogen phosphate)	8096, 9959
2,3-Dimethyl-1-phenyl-3-pyrazolin-5-one salicylacetate	499		
($\pm$)-cis-2,6-Dimethyl- α -phenyl- α -2-pyridyl-1- piperidinebutanol	1637		
($\pm$)-cis-2,6-Dimethyl- α -phenyl- α -2-pyridyl-1- piperidinebutanol monohydrochloride	1638		
N,2-Dimethyl-2-phenylsuccinimide	2962		

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7,8-Dimethyl-10-(D-ribo-2,3,4,5-tetrahydroxy pentyl)isoalloxazine 5'-(dihydrogen phosphate) monosodium salt	8097, 9960	Dimitron	3882, 7300, 9671, 9824
N,N-Dimethylstearylamine	1175	Dimocillin	2066, 2067
N ¹ -[3-(Dimethylsulfonio)-propyl]- bleomycinamide	5050, 5052	Dimorlin	329
Dimethyl sulfoxide	6604	Dimorlin Tartrate	330
2,7-Dimethylthianthrene	5648, 8036	Dimorpholamine	7675, 9245
N,N-Dimethylthioxanthene- $\Delta^{9,v}$ -propylamine	5848	Dimorphone	367
7 α ,17-dimethyltestosterone	248	Dimotane	3902
3,3-Dimethyl-5-(1,4,5,6-tetrahydro-6-oxo-3- pyridazinyl)-2-indolinone	7472	Dimothyn	1122
meso-4,4'-(2,3-Dimethyltetramethylene) dipyrocatechol	5203	Dimoxyline	9827
N,N-Dimethyl-N'-(α -thenyl)-N'-phenethylene- diamine	3953	DIM-SA	3489
N,N-Dimethyl-N'-(α -thenyl)-N'-phenethylene- diamine hydrochloride	3954	Dimyrl	6410
Dimethylthiambutene	347	Dinacrin	2595
5,8-dimethyltolcol	9966	Dinaline	5103
7,8-dimethyltolcol	9967	Dinaplex	3696, 7319, 9683
Dimethyltriazenoimidazolecarboxamide	5089	Dinarkon	424
(Dimethyltriazeno)imidazolecarboxamide	5089, 5110	Dindevan	2895
5-(3,3-Dimethyl-1-triazenyl)-1H-imidazole-4- carboxamide	5089, 5110	Dineval	2895
α,α -Dimethyl tricyclo[3.3.1.1 ^{3,7}]decan-1-amine	6638	Dinezin	2714, 5472
3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen- 1-yl)-2,4,6,8-nonatetraen-1-ol	9970	Diniket	9760
3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen- 1-yl)-2,4,6,8-nonatetraen-1-ol acetate	9971	Dinintel	1054
3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen- 1-yl)-2,4,6,8-nonatetraen-1-ol palmitate	9972	Diniprofylline	9246
3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen- 1-yl)-2,4,6,8-nonatetraen-1-ol	5186	dinitrochlorohydrin	9733
3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen- 1-yl)-2-cis-4-trans-6-trans-8-trans- nonatetraenoic acid	8476	dinitrogen monoxide	690, 860
[all-E]-3,7-Dimethyl-9-(2,6,6-trimethyl-1- cyclohexen-1-yl)-2,4,6,8-nonatrienoic acid	1244	dinitrogen oxide	690
(13-cis)-3,7-Dimethyl-9-(2,6,6-trimethyl-1- cyclohexen-1-yl)-2,4,6,8-nonatrienoic acid	1245	3,5-Dinitrosalicylic acid (5-nitrofurfurylidene (hydrazide)	5605
dimethyltubocurarine iodide	8883	Dinoleine	1338
N,N-Dimethyl-L-valyl-L-valyl-N-methyl-L- valyl-L-prolyl-N-benzyl-L-prolinamide	5072	Dinoprost	6, 9042, 9043
1,3-Dimethylxanthine	7260	Dinoprost Tromethamine	9159
3,7-dimethylxanthine	7254, 7511, 7929	Dinoprostone	5, 9176
dimetiotazine	4969	($\pm$)-20,21-Dinor-16 α -eburnamenine	9022
Dimetofrine	97, 4471	Dinormon	1750, 4828, 8640
Dimetofrine Hydrochloride	98, 4472	Dinovex	8111, 9081
Dimetriose	3833	Dinsidon	3225, 5816
dimetrophine	97, 4471	Dinulcid	4706
Dimetrose	3833	Diocimex	2546
Dimidin-R	2477	Diocodal	680, 4692, 5949
S-Dimidine	2477	2,2'-[[3-(Diocadecylamino)propyl]imino]bisethanol	6561
Dimipressin	3150	Diocetyl	8508
Dimiracetam	8984	Diocetyl Hydrochloride	2713
Dimitan	5207, 5246, 5247	Diocetylal	8508
Dimitone	1397, 4178, 7018	Diocurb	1063, 7669
		Diocyclin	2568
		Dioderm	8677
		Diodoquin	1338
		Diodoxylin	1338
		Diogyn	8118
		Diogyn E	7726, 8137
		Diogynets	8118
		Diolandrone	254
		Diolostene	254
		Dioloxol	8874
		Dionin	356
		Diopal	2773
		Diophyllin	7117, 8809
		Diopine	100, 3807
		Diosmil	9893
		Diosmin	9893

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Diosven	9893	Diperodon	940
Diothane hydrochloride	941	Diperodon Hydrochloride	941
Diotilan	8508	Diphacil	2643, 8801
Diovenor	9893	Diphacil hydrochloride	2644, 8802
Dioxadilol	1407, 1568, 4217	Diphacin	2879
Dioxadrol	3101, 7676	diphacinone	2879
d-dioxadrol	7665	Diphantine	3909, 3910
d-dioxadrol hydrochloride	966, 7666	Diphantoine	2984
Dioxadrol Hydrochloride	3102, 7677	Diphemanil Methylsulfate	2720
Dioxamate	1260	Diphemethoxidine	1068
10-[3-[4-(2-m-Dioxanylethyl)-1-piperazinyl] propyl]-2-(trifluoromethyl)phenothiazine	5817	Diphemin	100, 3807
10-[3-[4-(2-m-Dioxanylethyl)-1-piperazinyl] propyl]-2-(trifluoromethyl)phenothiazine disuccinate	5818	Diphenadione	2879
Dioxaphetyl Butyrate	348, 6189	Diphenane	1172
(1,4-Dioxaspiro[4.5]dec-2-ylmethyl)guanidine	4255	Diphenasone	2162, 2525, 7807
(1,4-Dioxaspiro[4.5]dec-2-ylmethyl)guanidine sulfate	4256	Diphenatil	2720
(1,3-Dioxolan-4-ylmethyl)trimethylammonium iodide	7615	Diphencyprone	1307
(±)-3,5-Dioxa-9-thia-4-phosphapentacosan- 1-aminium 4-hydroxy-7-(methoxymethyl)- N,N,N-trimethyl hydroxide inner salt 4-oxide	5171	Diphenhydramine	3906, 3907
Dioxatrine	2672	Diphenhydramine Citrate	3908
Dioxethedrin	6895, 7141	Diphenhydramine Hydrochloride	3909, 3910
Dioxethedrin Hydrochloride	6896, 7142	Diphenidol	3540
dioxethedrine	6895, 7141	Diphenidol Hydrochloride	3541
dioxethedrine hydrochloride	6896, 7142	Diphenidol Pamoate	3542
N,N'-[(3,6-Dioxo-1,4-cyclohexadiene-1,4- diyl)bis(imino-3,1-propanediyl)]bis[N,N- diethylbenzenemethanaminium]dichloride	8817	Diphenin	2984
17-[(1,3-Dioxododecyl)oxy]androst-4-en-3-one	842	Diphenoxylate	3431
(2,5-Dioxo-4-imidazolidinyl)urea	9601, 9981	Diphenoxylate Hydrochloride	3432
7-(1,3-Dioxolan-2-ylmethyl)-3,7-dihydro-1,3- dimethyl-1H-purine-2,6-dione	7144	diphenpyramide	4587
Dioxone	2926, 7670	2-(Diphenylacetyl)-1,3-indandione	2879
cis-Endo-N-(2,6-Dioxo-3-piperidyl)-2,3- norborandedicarboximide	9447	Diphenylan sodium	2984
N-(2,6-Dioxo-3-piperidyl)phthalimide	9452	(±)-1-(p,α-Diphenylbenzyl)imidazole	3637
Dioxybenzone	9636	(Z)-2-[p-(1,2-Diphenyl-1-butenyl)phenoxy]-N,N- dimethylamine	5334
Dioxyline	6010, 9827	(Z)-2-[p-(1,2-Diphenyl-1-butenyl)phenoxy]-N,N- dimethylamine citrate	5335
Dioxyline Phosphate	7444	(Z)-2-[p-(1,2-Diphenyl-1-butenyl)phenoxy]-N,N- dimethylethylamine	3617
DIPA-DCA	9675, 9826	(Z)-2-[p-(1,2-Diphenyl-1-butenyl)phenoxy]-N,N- dimethylethylamine citrate	3618
1,2-dipalmitoyl-sn-glycero(3)phospho- choline) - 2-oleoyl-1-palmitoyl-cn- glycero(3)phospho(1)-sn-glycerol mixture	9191	sym-Diphenylcarbamido-4,4-distibinic acid	5635
Dipam	6712, 8837, 9347	2,3-Diphenyl-2-cyclopropen-1-one	1307
Dipar	3336	(±)-2-(2,2-diphenylcyclopropyl)-2-imidazoline	1554
Di-paralene	3874	(±)-2-(2,2-Diphenylcyclopropyl)-4,5-dihydro-1H- imidazole	1554
Diparcol	2715, 5473	(±)-2-(2,2-Diphenylcyclopropyl)-4,5-dihydro-1H- imidazole succinate	1555
Dipasic	2596	(-)-2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine	965, 8866
Dipaxin	2879	(-)-2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine hydrochloride	966, 8867
DIPD	3150	(+)-2-(2,2-Diphenyl-1,3-dioxolan-4-yl) piperidine	555, 7665
DipegyI	8085, 9951	2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine	3101, 7676
dipenine bromide	6190	2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine hydrochloride	3102, 7677
dipenteneglycol	8175	(+)-2-(2,2-Diphenyl-1,3-dioxolan-4-yl)piperidine hydrochloride	556, 7666
Dipentum	4702, 6498	2-(1,1-Diphenylethoxy)-N,N-dimethylethylamine	3961
		[2-(1,2-Diphenylethoxy)ethyltrimethyl]ammonium	6367
		[2-(1,2-Diphenylethoxy)ethyltrimethyl]ammonium bromide	6368

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N-(1,2-Diphenylethyl)nicotinamide	2721	1-(Diphenylmethyl)-4-methylpiperazine monolactate	3538
1-[2-[3-(2,2-Diphenylethyl)-1,2,4-oxadiazol-5-yl]ethyl]piperidene	6440	1-(Diphenylmethyl)-4-[[[6-methyl-2-pyridyl)methylene]amino]piperazine	2992
1-[2-[3-(2,2-Diphenylethyl)-1,2,4-oxadiazol-5-yl]ethyl]piperidine monohydrochloride	6441	4-(Diphenylmethyl)-1-(N-octylformimidoyl)piperidine	8195
N-(1,2-Diphenylethyl)-3-pyridinecarboxamide	2721	4-(Diphenylmethyl)-1-(N-octylformimidoyl)piperidine sulfate (1:1)	8197
5,5-Diphenylhydantoin	2983	4-(Diphenylmethyl)-1-(N-octylformimidoyl)piperidine sulfate (1:1) hemihydrate	8196
5,5-Diphenylhydantoin sodium salt	2984	2-[4-(Diphenylmethyl)-1-piperazinyl]ethyl methyl (±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinecarboxylate	4307, 7335
5,5-Diphenyl-4-imidazolidinone	2929	2-[4-(Diphenylmethyl)-1-piperazinyl]ethyl methyl (±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinecarboxylate dihydrochloride	4308, 7337
2-(Diphenylmethoxy)-N,N-diethylethanamine	2734, 5482	2-[4-(Diphenylmethyl)-1-piperazinyl]ethyl-methyl-(±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate	7334
2-(Diphenylmethoxy)-N,N-diethylethanamine hydrochloride	2735, 5483	2-[4-(Diphenylmethyl)-1-piperazinyl]ethyl-methyl-(±)-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate hydrochloride	7336
2-(Diphenylmethoxy)-N,N-diethylethanamine methyl iodide	5484	1-[3-[4-(Diphenylmethyl)-1-piperazinyl]propyl]-2-benzimidazolinone	1281, 1785, 3967
2-(Diphenylmethoxy)-N,N-dimethylethylamine	3906, 3907	2-(Diphenylmethyl)-1-piperidineethanol	1068
2-(Diphenylmethoxy)-N,N-dimethylethylamine citrate	3908	1(Diphenylmethyl)-4-piperonylpiperazine	7200
2-(Diphenylmethoxy)-N,N-dimethylethylamine hydrochloride	3909, 3910	1(Diphenylmethyl)-4-piperonylpiperazine dihydrochloride	7201
2-(Diphenylmethoxy)-N,N-dimethylethylamine-N-oxide 2-oxo-10-bornanesulfonate	4122	1-(Diphenylmethyl)-4-[3-(2-phenyl-1,3-dioxolan-2-yl)propyl]piperazine	9676
(R)-3-(Diphenylmethoxy)-1-[3,4-(methylenedioxy)phenethyl]piperidine	2861	2-[(Diphenylmethyl)sulfinyl]acetamide	141, 7706
4-(Diphenylmethoxy)-1-methylpiperidine	3911	2-[(Diphenylmethyl)sulfinyl]acetohydroxamic acid	82, 3019
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3α-(Diphenylmethoxy)-1-αH,5αH-tropane methanesulfonate	2674, 5457	5,5-Diphenyl-2-[2-(1-piperidinyl)ethyl]-1,3-dioxolan-4-one hydrochloride	6233
3α-(Diphenylmethoxy)-8-ethyl-1-αH,5αH-nortropane	2733	(+)-(S)-3-(4,4-Diphenylpiperidino)propyl methyl 1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinecarboxylate	1445
3-[1-(Diphenylmethyl)-3-azetidinyll 5-isopropyl (±)-2-amino-1,4-dihydro-6-methyl-4-(m-nitrophenyl)-3,5-pyridine-dicarboxylate	4129	α,α-Diphenyl-1-piperidinebutanol	3540
3-[1-(Diphenylmethyl)-3-azetidinyll 5-isopropyl (±)-2-amino-1,4-dihydro-6-methyl-4-(m-nitrophenyl)-3,5-pyridine-dicarboxylate	7287	α,α-Diphenyl-1-piperidinebutanol compound with 4,4'-methylenebis[3-hydroxy-2-naphthoic acid] (2:1)	3542
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Etaphydel	7110	5,6-dihydro-1H,3H-pyran[3,4-c]pyran-1-one	4912
Etaphylline	7110	Ethenamide	579
Etapiam	2590	Etheophyl	7260
Etaqualone	9359	ether chloratus	949
Etarotene	8479	ether hydrochloric	949
Etazepine	2932	ether muriatic	949
Etazolate	5750	etherylate	578, 4602, 5929
Etazolate Hydrochloride	5751	Ethiazide	4231, 7868

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Ethinamate	9361	epoxy-12H-pyrano[4,3-j]-1,2-benzodioxepin	4889
Ethinyl Estradiol	7726, 8137	(±)-11-Ethoxy-5,11-dihydro-5-methyl-6H-dibenz	
17 α -Ethinyl-17 β -hydroxyestr-4-ene	9102	[b,e]azepin-6-one	2932
Ethinyl trichloride	865	(8 α ,9R)-6'-Ethoxy-10,11-dihydrocinchon-9-ol	6056
ethiofos	9602	(8 α ,9R)-6'-Ethoxy-10,11-dihydro	
Ethionamide	2591	cinchon-9-ol monohydrochloride	6057
Ethisterone	9085	2-Ethoxyethyl 5-chloro-2-benzoxazolecarboxylate	1262
ethmosine	1619	1-(2-Ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-	
Ethmozine	1619, 1620	diazepin-1-yl)benzimidazole	1263, 3922
Ethnine	6433	1-(2-Ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-	
Ethodichlorophen	5144	diazepin-1-yl)benzimidazole fumarate (1:2)	1264, 3923
Ethodryl	1169	2-Ethoxyethyl p-methoxycinnamate	9635
ethofibrate	4052	2-Ethoxyethyl [4-(3-methyl-5-isoxazolyl)-2-	
Ethoglucid	5141	thiazolyl]oxamate	8435
Ethoheptazine	352, 580	(±)-[2-[[p-(3-Ethoxy-2-hydroxypropoxy)phenyl]	
Ethoheptazine Citrate	353, 581	carbamoyl]ethyl] dimethylsulfonium	
Ethomoxane	4232	p-toluenesulfonate	1292, 1788
Ethomoxane Hydrochloride	4233	4'-ethoxylactanilide	629, 5937
Ethonam Nitrate	3679	1-(4-Ethoxy-3-methoxybenzyl)-6,7-dimethoxy-	
Ethopropazine	2731, 5480	3-methylisoquinoline	9827
Ethopropazine Hydrochloride	2732, 5841	Ethoxymethyl N-(2,6-dichloro-m-tolyl)	
Ethosuximide	2935	anthranilate	772, 4773
Ethotoin	2936	m-[[3-(Ethoxymethyl)-5-fluoro-3,6-dihydro-	
Ethoxazene	582	2,6-dioxo-1(2H)-pyrimidinyl]carbonyl]	
Ethoxazene Hydrochloride	583	benzoic acid 2-ester with 2,6-dihydroxy	
p-ethoxyacetanilide	705, 5955	nicotinonitrile benzoate	5126
2-Ethoxybenzamide	579	2-Ethoxy-N-methyl-N-[2-(methylphenethyl	
4-Ethoxybenzoic acid 2-(diethylamino)ethyl ester	985	amino)ethyl]-2,2-diphenylacetamide	529
4-Ethoxybenzoic acid 2-(diethylamino)ethyl		2-Ethoxy-N-methyl-N-[2-(methylphenethyl	
ester hydrochloride	986	amino)ethyl]-2,2-diphenylacetamide	
6-Ethoxy-2-benzothiazolesulfonamide	7405	monohydrochloride	530
6-Ethoxy-2-benzothiazolesulfonamide	7869	4-Ethoxy-2-methyl-5-(4-morpholinyl)-3(2H)-	
(±)- α -[(6-Ethoxy-2-benzothiazolyl)thio]		pyridazinone	570, 4595
hydratropic acid	4092	[2S-(2 α ,5 α ,6 β)]-6-[[[(2-Ethoxy)-1-naphthalenyl]	
N-(Ethoxycarbonyl)-3-(4-morpholinyl)sydnone imine	5243	carbonyl]amino]-3,3-dimethyl-7-oxo-4-	
N-Ethoxycarbonyl-3-morpholinylsydnoneimine	9771	thia-1-azabicyclo[3.2.0]heptane-2-	
18-[[4-[(Ethoxycarbonyl)oxy]-3,5-dimethoxy		carboxylic acid monosodium salt	2073
benzoyl]oxyl]-11,17-dimethoxyyohimban-16-		[2S-(2 α ,5 α ,6 β)]-6-[[[(2-Ethoxy)-1-naphthalenyl]	
carboxylic acid methyl ester	4414	carbonyl]amino]-3,3-dimethyl-7-oxo-4-	
(11 β ,17 α)-17-[(Ethoxycarbonyl)oxy]-11-hydroxy-		thia-1-azabicyclo[3.2.0]heptane-2-	
3-oxoandrosta-1,4-diene-17-carboxylic acid		carboxylic acid monosodium salt	2074
chloromethyl ester	4868	[2S-(2 α ,5 α ,6 β)]-6-[[[(2-Ethoxy)-1-naphthalenynyl]	
(11 β)-17-[(Ethoxycarbonyl)oxy]-11-hydroxy-21-		carbonyl]amino]-3,3-dimethyl-7-oxo-4-	
(1-oxopropoxy)pregna-1,4-diene-3,20-dione	8704	thia-1-azabicyclo[3.2.0]heptane-2-	
(S)-3-(N-[(S)-1-Ethoxycarbonyl-3-phenylpropyl]-		carboxylic acid	2072
L-alanyl)-1-methyl-2-oxoimidazoline-4-		(±)-(2R*)-2-[(α R*)- α -(o-Ethoxyphenoxy)benzyl]	
carboxylic acid	27, 4828	morpholine	3255
(S)-3-(N-[(S)-1-Ethoxycarbonyl-3-phenylpropyl]-		(±)-(R)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]	
L-alanyl)-1-methyl-2-oxoimidazoline-4-		propyl]-2-methoxybenzenesulfonamide	
carboxylic acid monohydrochloride	28, 4283	hydrochloride	224, 5552
3-(Ethoxycarbonyl)-6,7,8,9-tetrahydro-1,6-		(-)-(R)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]	
dimethyl-4-oxo-4H-pyrido[1,2-a]pyrimidinium		propyl]-2-methoxybenzenesulfonamide	223, 5551
ion	744	(-)-(R)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]	
3-(Ethoxycarbonyl)-6,7,8,9-tetrahydro-1,6-		propyl]-2-methoxybenzenesulfonamide	
dimethyl-4-oxo-4H-pyrido[1,2-a]pyrimidinium		hydrochloride	225, 5553
methyl sulfate	745	(-)-(S)-5-[2-[[2-(o-Ethoxyphenoxy)ethyl]amino]	
[3R-(3 α ,5 α ,6 β ,8 α ,9 α ,10 α ,12 β ,12 α R*)]-10-		propyl]-2-methoxybenzenesulfonamide	
Ethoxydecahydro-3,6,9-trimethyl-3,12-		hydrochloride	226

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(+)-(S)-5-[2-[(2-(o-Ethoxyphenoxy)ethyl)amino]propyl]-2-methoxybenzenesulfonamide hydrochloride	5554	α-(1-Ethylaminoethyl)protocatechuyl alcohol hydrochloride	6896, 7142
2-[(o-Ethoxyphenoxy)methyl]morpholine	3306	(±)-α-[(Ethylamino)methyl]-m-hydroxybenzyl alcohol	4478
2-[(o-Ethoxyphenoxy)methyl]morpholine hydrochloride	3307	(±)-α-[(Ethylamino)methyl]-m-hydroxybenzyl alcohol hydrochloride	4479
N-(4-Ethoxyphenyl)acetamide	705, 5955	α-[(Ethylamino)methyl]-m-hydroxybenzyl alcohol	4477
4-[(p-Ethoxyphenyl)azo]-m-phenylenediamine	582	4-[(Ethylamino)methyl]-2-methyl-5-[(methyl-thio)methyl]-3-pyridinol	9014
4-[(p-Ethoxyphenyl)azo]-m-phenylenediamine chloride	583	2-Ethylamino-4-oxo-5-phenyl-2-oxazoline	7688
3-[4-(β-Ethoxyphenylethyl)-1-piperazinyl]-2-methylpropiofenone	6401	1-[3-(Ethylamino)-2-pyridinyl]-4-[(5-methoxy-1H-indol-2-yl)carbonyl]piperazine	6559
3-[4-(β-Ethoxyphenylethyl)-1-piperazinyl]-2-methylpropiofenone dihydrochloride	6402	1-[3-(Ethylamino)-2-pyridinyl]-4-[(5-methoxy-1H-indol-2-yl)carbonyl]piperazine monomethanesulfonate	6560
N-(4-Ethoxyphenyl)-2-hydroxypropanamide	629, 5937	2-(Ethylamino)-2-(2-thienyl)cyclohexanone hydrochloride	3006
p-[(α-Ethoxy-p-phenylphenacyl)amino]benzoic acid	6659	N-Ethylamphetamine	1069, 7681
8-Ethoxy-5-quinolinesulfonic acid	9629	Ethyl apovincamin-22-oate	9715
2-Ethoxy-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-7-benzimidazolecarboxylate cyclohexyl-carbonate (ester)	4171	ethylarsinic acid	6275
2-Ethoxy-1-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-7-benzimidazolecarboxylic acid	1036, 4170	Ethylarsonic acid	6275
Ethoxzolamide	7405, 7869, 7869	α-Ethylbenzenemethanol	7564
Ethrane	851	Ethylbenzhydramine	2734, 5482
Ethril	2190	Ethylbenzhydramine Hydrochloride	2735, 5483
Ethryn	2190	Ethylbenzhydramine Methyl Iodide	5484
Ethy 11	8137	2-Ethylbenzofuranyl 4-hydroxy-3,5-diiodophenyl ketone	9726
Ethybenztropine	2733	2-Ethyl-3-benzofuranyl p-hydroxyphenylketone ethylbenzoylecgonine	9888 929
Ethyl Adrianol	4479	Ethyl-m-benzoyl-N-[(trifluoromethyl)sulfonyl]carbanilate	4793
Ethyl (3S)-3-[3-[(p-amidinophenyl)carbamoyl]propionamido]-4-pentynoate	1486	N-ethylbenztropine	2733
Ethyl (3S)-3-[3-[(p-amidinophenyl)carbamoyl]propionamido]-4-pentynoate hydrochloride	1487	α-Ethylbenzyl Alcohol	7564
Ethylamine	9267	Ethyl-N-benzylcyclopropanecarbamate	3114
Ethylamine Hydriodide	9268	3-(α-Ethylbenzyl)-4-hydroxycoumarin	2896
Ethylamine Hydrochloride	9269	(±)-α-Ethyl-4-biphenylacetic acid	4102
Ethylamine Oleate	9270	α-Ethyl-4-biphenylacetic acid compound with 2-dimethylaminoethanol (1:1)	677
Ethyl 2-amino-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridine-3-carboxylate	778, 4783, 5977	(±)-α-Ethyl-4-biphenylacetic acid compound with trans-4-phenylcyclohexylamine (1:1)	523, 4565
Ethyl 2-amino-6-benzyl-4,5,6,7-tetrahydrothieno[2,3-c]pyridine-3-carboxylate hydrochloride	779, 4784, 5978	Ethyl [bis(1-aziridinyl)phosphinyl]carbamate	5369
Ethyl (S)-5-amino-1,2-dihydro-2-methyl-3-phenylpyrido[3,4-b]pyrazine-7-carbamate mono(2-hydroxyethanesulfonate)	5241	Ethyl 5,6-bis-O-(p-chlorobenzyl)-3-O-propyl-d-glucofuranoside	9892
Ethyl p-aminobenzoate	906	Ethyl Biscoumacetate	2880
(4S,6S)-4-(Ethylamino)-5,6-dihydro-6-methyl-4H-thieno[2,3-b]thiopyran-2-sulfonamide 7,7-dioxide	3808, 7403	Ethyl [bis(2,2-dimethyl-1-aziridinyl)phosphinyl]carbamate	5219
(4S,6S)-4-(Ethylamino)-5,6-dihydro-6-methyl-4H-thieno[2,3-b]thiopyran-2-sulfonamide 7,7-dioxide hydrochloride	3809, 7404	Ethyl bis(4-hydroxy-2-oxo-2H-1-benzopyran-3-yl)acetate	2880
(R)-4-(Ethylamino)-3,4-dihydro-2-(3-methoxypropyl)-2H-thieno[3,2-e]-1,2-thiazine-6-sulfonamide 1,1-dioxide	3797	5-Ethyl-1,3-bis(methoxymethyl)-5-phenyl barbituric acid	2933
α-(1-Ethylaminoethyl)protocatechuyl alcohol	6895, 7141	Ethyl 2-[4,5-bis(p-methoxyphenyl)-2-thiazolyl]pyrrole-1-acetate	9551
		1-Ethyl-2,6-bis[2-[4-(1-pyrrolidinyl)phenyl]ethenyl]pyridinium iodide	1222
		2-Ethylbutanoic acid calcium salt	9316
		Ethyl 4-(butylamino)-1-ethyl-1H-pyrazolo[3,4-b]-pyridine-5-carboxylate	3053
		Ethyl 4-(butylamino)-1-ethyl-6-methyl-	

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1H-pyrazolo[3,4-b]pyridine-5-carboxylate	9455	methyl-1-piperazinyl)-4-oxo-3-quinoline	
(±)-Ethyl 2-[3-(tert-butylamino)-2-hydroxypropoxy]-5-(2-thienocarboxamido)benzoate	7082, 7932	carboxylic acid hydrochloride	2400
Ethyl 3,6-di-tert-butyl-naphthalenesulfonate	6403	2-Ethyl-2,3-dihydro-5-benzofuranacetic acid	4635
Ethyl carbamate	5370	(±)-2-(2-Ethyl-2,3-dihydro-2-benzofuranyl)-2-imidazoline	208
Ethyl (αR,γR,2S)-2-carboxy-α,γ-dimethyl-δ-oxo-1-indoline valerate	36, 4364	(+)-(R)-2-(2-Ethyl-2,3-dihydro-2-benzofuranyl)-2-imidazoline	205
Ethyl (S)-2-[[[(S)-1-[(carboxymethyl)-2-indanylcabamoyl]ethyl]amino]-4-phenylbutyrate	17, 4207	Ethyl 1,4-dihydro-7,8-dimethoxy-4-oxopyrimido[4,5-b]quinoline-2-carboxylate	1780
Ethyl (S)-2-[[[(S)-1-[(carboxymethyl)-2-indanylcabamoyl]ethyl]amino]-4-phenylbutyrate monohydrochloride	18, 4208	(8S)-8-Ethyl-2,3-dihydro-8-hydroxy-15-[[4-methyl-1-piperazinyl]methyl]-11H-p-dioxino[2,3-g]pyrano[3',4':6,7]indolizino[1,2-b]quinoline-9,12(8H,14H)-dione	5198
Ethyl Chloride	949	(8S)-8-Ethyl-2,3-dihydro-8-hydroxy-15-[[4-methyl-1-piperazinyl]methyl]-11H-p-dioxino[2,3-g]pyrano[3',4':6,7]indolizino[1,2-b]quinoline-9,12(8H,14H)-dione	5199
Ethyl [[8-chloro-3-[2-(diethylamino)ethyl]-4-methyl-2-oxo-2H-1-benzopyran-7-yl]oxy]acetate	6295, 9734	9-Ethyl-6,9-dihydro-4,6-dioxo-10-propyl-4H-pyrano[3,2-g]quinoline-2,8-dicarboxylic acid	1274, 1770
Ethyl [[8-chloro-3-[2-(diethylamino)ethyl]-4-methyl-2-oxo-2H-1-benzopyran-7-yl]oxy]acetate hydrochloride	6296, 9735	3-Ethyl-dihydro-4-[(1-methyl-1H-imidazol-5-yl)methyl]-2(3H)-furanone	3823, 8746
Ethyl 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-1-piperidinecarboxylate	3944	3-Ethyl-dihydro-4-[(1-methyl-1H-imidazol-5-yl)methyl]-2(3H)-furanone hydrochloride	3824, 8747
Ethyl 7-chloro-5,6-dihydro-5-methyl-6-oxo-4H-imidazo-[1,5-a][1,4]benzodiazepine-3-carboxylate	6878	3-Ethyl-6,7-dihydro-2-methyl-5-(morpholino-methyl)indol-4(5H)-one	5801
Ethyl (p-chloro-α,α-dimethylphenethyl)carbamate	1055	3-Ethyl-6,7-dihydro-2-methyl-5-(morpholino-methyl)indol-4(5H)-one monohydrochloride	5802
Ethyl 7-chloro-5-(o-fluorophenyl)-2,3-dihydro-2-oxo-1H-1,4-benzodiazepine-3-carboxylate	6718	1-Ethyl-1,4-dihydro-7-methyl-4-oxo-1,8-naphthyridine-3-carboxylic acid	2403
Ethyl-(+)-(R)-2-[6-(p-chlorophenoxy)hexyl]glycidate	7457	1-Ethyl-4,6-dihydro-3-methyl-8-phenylpyrazolo[4,3-e][1,4]diazepin-5(1H)-one	6797
Ethyl-α-p-chlorophenoxyisobutyrate	4043	4-Ethyl-1,2-dihydro-2-(1-methyl-4-piperidinyl)-5-phenyl-3H-pyrazol-3-one	721
Ethyl 2-(4-chlorophenoxy)-2-methylpropionate	4043	5-Ethyl-dihydro-5-(2-methyl-2-propenyl)-2-thioxo-4,6(1H,5H)-pyrimidinedione	3560
Ethyl (±)-2-[[α-(p-chlorophenyl)-p-tolyl]oxy]-2-methylbutyrate	4025	6-[2-[2-[5-(6-Ethyl-3,6-dihydro-5-methyl-2H-pyran-2-yl)-3-methyl-1,4-hexadienyl]-3-methylcyclopropyl]vinyl]tetrahydro-4,5-dihydroxy-2H-pyran-2-acetic acid	3629
ethyl cinepazate	1400	1-Ethyl-1,4-dihydro-4-oxo[1,3]dioxolo[4,5-g]cinnoline-3-carboxylic acid	2381
N-Ethyl-o-crotonotoluidide	8027	5-Ethyl-5,8-dihydro-8-oxo-1,3-dioxolo[4,5-g]quinoline-7-carboxylic acid	2408
cis-(2-Ethylcrotonyl)urea	9355	8-Ethyl-5,8-dihydro-5-oxo-2-(1-piperazinyl)pyrido[2,3-d]pyrimidine-6-carboxylic acid	2414
10-Ethyl-10-dezaz-aminopterin	5114	8-Ethyl-5,8-dihydro-5-oxo-2-(1-piperazinyl)pyrido[2,3-d]pyrimidine-6-carboxylic acid trihydrate	2415
Ethyl 2-cyano-3,3-diphenylacrylate	9638	Ethyl 5-[(3S,4R)-4-[(1,6-dihydro-6-oxo-3-pyridazinyl)oxy]-3-hydroxy-2,2,3-trimethyl-6-chromanyl]-1H-tetrazole-1-butylate	9060
Ethyl-1-(3-cyano-3,3-diphenylpropyl)-4-phenylisonipecotate	3431	N ¹ -(1-Ethyl-1,2-dihydro-2-oxo-4-pyrimidinyl)sulfanilamide	2456
Ethyl-1-(3-cyano-3,3-diphenylpropyl)-4-phenylisonipecotate monohydrochloride	3432	1-Ethyl-1,4-dihydro-4-oxo-7-(4-pyridyl)-3-quinolinecarboxylic acid	2418
Ethyl Dibunate	6403	8-Ethyl-5,8-dihydro-5-oxo-2-(1-pyrrolidinyl)pyrido[2,3-d]pyrimidine-6-carboxylic acid	2416
Ethyl (±)-cis-p-[[[2-(2,4-dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methyl]thio]carbanilate	5364		
Ethyl (±)-cis-p-[[[2-(2,4-dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methyl]thio]carbanilate monohydrochloride	5365		
Ethyl N-[2-(diethylamino)ethyl]-2-ethyl-2-phenylmalonamate	6199, 8842		
(±)-1-Ethyl-6,8-difluoro-1,4-dihydro-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinoline carboxylic acid	2399		
(±)-1-Ethyl-6,8-difluoro-1,4-dihydro-7-(3-			

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N-[1-[2-(4-Ethyl-4,5-dihydro-5-oxo-1H-tetrazol-1-yl)ethyl]-4-phenyl-4-piperidinyl]-N-(2-fluorophenyl)propanamide	786	tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt	1963
N-[1-[2-(4-Ethyl-4,5-dihydro-5-oxo-1H-tetrazol-1-yl)ethyl]-4-phenyl-4-piperidinyl]-N-(2-fluorophenyl)propanamide monohydrochloride	787	[2S-[2 α ,5 α ,6 β (S*)]]-6-[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino]phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2106
5-Ethyl-4,5-dihydro-5-phenyl-4,6(1H,5H)-pyrimidinedione	2988	[2S-[2 α ,5 α ,6 β (S*)]]-6-[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino]phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid monohydrate	2107
2-Ethyl-2,3-dihydro-3-[[4-[2-(1-piperidinyl)ethoxy]phenyl]amino]-1H-isoindol-1-one	2736	[2S-[2 α ,5 α ,6 β (S*)]]-6-[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino]phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt	2108
3-Ethyl-6,7-dimethoxy-1-(phenylmethyl)isoquinoline	6219	N-Ethyl-3,3'-diphenyldipropylamine	2646
3-Ethyl-6,7-dimethoxy-1-(phenylmethyl)isoquinoline hydrochloride	6220	N-Ethyl-3,3'-diphenyldipropylamine citrate	2647
Ethyl-5,6-dimethoxy-3-[2-(4-phenyl-1-piperazinyl)ethyl]indole-2-carboxylate	5692	Ethyl(3,3-diphenyl-1-methylpropyl)dimethylammonium bromide	2729
4-Ethyl-6,7-dimethoxyquinazoline	7233, 7503	2-Ethyl-3,3-diphenyl-2-propenylamine	7679
3-Ethyl-9,10-dimethoxy-1,6,7,11b-tetrahydro-2-[[1,2,3,4-tetrahydro-6,7-dimethoxy-1-isoquinolyl)methyl]-4H-benzo[a]quinolizine	1326	2-Ethyl-3,3-diphenyl-2-propenylamine hydrochloride	7680
Ethyl-6-[[6-[2-(dimethylamino)ethyl]-4-methoxy-1,3-benzodioxol-5-yl]acetyl]-2,3-dimethoxybenzoic acid hydrochloride	358	Ethylemin	2714, 5472
Ethyl N-[2-(dimethylamino)ethyl]-m-(trifluoromethyl)carbanilate	7689	Ethylene	853
Ethyl N-[2-(dimethylamino)ethyl]-m-(trifluoromethyl)carbanilate monohydrochloride	7690	4,4'-Ethylenebis[1-(hydroxymethyl)-2,6-piperazinedione] bis(isobutyl carbonate)	5317
(+)-Ethyl trans-2-(dimethylamino)-1-phenyl-3-cyclohexene-1-carboxylate	465	(+)-(S,S)-Ethylenebis[(methylimino)(2-ethylethylene)]bis(3,4,5-trimethoxybenzoate)	1544
($\pm$)-Ethyl trans-2-(dimethylamino)-1-phenyl-3-cyclohexene-1-carboxylate	463	(+)-(S,S)-Ethylenebis[(methylimino)(2-ethylethylene)]bis(3,4,5-trimethoxybenzoate) dihydrochloride	1545
($\pm$)-Ethyl trans-2-(dimethylamino)-1-phenyl-3-cyclohexene-1-carboxylate hydrochloride	464	N,N-Ethylenediarsanilic acid	1171
Ethyl 5-(N,N-dimethylglycyl)-10,11-dihydro-5H-dibenz[b,f]azepine-3-carbamate	1681	N,N-Ethylenediarsanilic acid disodium salt	1329
Ethyl dimethyl(1-methyl-3,3-diphenylpropyl)ammonium bromide	6193	(+)-2,2'-(Ethylenediimino)-di-1-butanol	2589
3-Ethyl-5,5-dimethyl-2,4-oxazolidinedione	2934	(+)-2,2'-(Ethylenediimino)-di-1-butanol dihydrochloride	2590
5-Ethyl-3,5-dimethyl-2,4-oxazolidinedione	2974	4,4'-(Ethylenedioxy)bis[N-hexyl-N-methylbenzylamine]	1351
Ethyl 6-[[4,4-dimethylthiochroman-6-yl)ethynyl]nicotinate	1246, 5684, 8487	4,4'-(Ethylenedioxy)bis[N-hexyl-N-methylbenzylamine] dihydrochloride	1352
(+)-(R)- α -Ethyl-N,N-dimethyl- α -[[[3,4,5-trimethoxybenzyl]oxy]methyl]benzylamine	8214	ethylene glycol monophenyl ether	6123
(+)-(R)- α -Ethyl-N,N-dimethyl- α -[[[3,4,5-trimethoxybenzyl]oxy]methyl]benzylamine D-(-)-tartrate	8215	ethylene glycol monosalicylate	4639
[6R-[6 α ,7 α ,7(2R*)]]-7-[[2-[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino]-3-hydroxy-1-oxobutyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1932	ethylene tetrachloride	1224
[6R-[6 α ,7 β (R*)]]-7-[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino](4-hydroxyphenyl)-acetyl]amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1962	Ethylestrenol	252
[6R-[6 α ,7 β (R*)]]-7-[[[(4-Ethyl-2,3-dioxo-1-piperazinyl)carbonyl]amino](4-hydroxyphenyl)-acetyl]amino]-3-[[[(1-methyl-1H-		Ethyl Ether	852
		3-Ethyl-2-[5-(3-ethyl-2-benzothiazolinyldiene)-1,3-pentadienyl]benzothiazolium iodide	1173
		5-Ethyl-5-(1-ethylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione	9451
		Ethyl-6-[ethyl(2-hydroxypropyl)amino]-3-pyridazinecarbazate	4169
		Ethyl 1-ethyl-4-(isopropylidenehydrazino)-1H-pyrazolo[3,4-b]pyridine-5-carboxylate	5750
		Ethyl 1-ethyl-4-(isopropylidenehydrazino)-1H-pyrazolo[3,4-b]pyridine-5-	

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carboxylate monohydrochloride	5751	lyxohexopyranosyl]oxy]-1-naphthacenyl	
Ethyl 3-ethyl-4-oxo-5-piperidino- $\Delta^{2,3}$ -thiazolidineacetate	7583	O-3,6-dideoxy- α -L-erythrohexopyranos-4-ulosyl(1-4)-O-2,6-dideoxy- α -L-lyxohexopyranosyl(1-4)-2,3,6-trideoxy-3-(dimethylamino)- α -L-lyxohexopyranoside	5308
α -Ethyl-6-[5-[2-(5-ethyltetrahydro-5-hydroxy-6-methyl-2H-pyran-2-yl)-15-hydroxy-2,10,12-trimethyl-1,6,8-trioxadispiro[4.1.5.3]pentadec-13-en-9-yl]-2-hydroxy-1,3-dimethyl-4-oxoheptyl]tetrahydro-3,5-dimethyl-2H-pyran-2-acetic acid	8247	2-Ethyl-1,2,3,4,6,11-hexahydro-2,5,7-trihydroxy-6,11-dioxo-4-[[2,3,6-trideoxy-4-O-[2,6-dideoxy-4-O[(2R-trans)-tetrahydro-6-methyl-5-oxo-2H-pyran-2-yl]- α -L-lyxohexopyranosyl]-3-(dimethylamino)- α -L-lyxohexopyranosyl]oxy]-1-naphthacene	4997
Ethyl 8-fluoro-5,6-dihydro-5-methyl-6-oxo-4H-imidazo[1,5-a][1,4]benzodiazepin-3-carboxylate	6877	carboxylic acid methyl ester	1060
1-Ethyl-6-fluoro-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid	2411	ethylhexedrine	9643
1-Ethyl-6-fluoro-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid Monomethanesulfonate	2412	2-Ethylhexyl 2-cyano-3,3-diphenylacrylate	9627
1-Ethyl-6-fluoro-1,4-dihydro-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid Monomethanesulfonate dihydrate	2413	2-Ethylhexyl p-(dimethylamino)benzoate	9313
1-Ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-1,8-naphthyridine-3-carboxylic acid	2390	N-(2-Ethylhexyl)-3-hydroxybutyramide	1026
1-Ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-1,8-naphthyridine-3-carboxylic acid sesquihydrate	2391	N-Ethyl-1-hexyl-N-methyl-4-phenylisonipecotamide	9378
1-Ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid	2405	5-Ethyl-5-hexyl-2,4,6-(1H,3H,5H)-pyrimidinetrione	6056
1-Ethyl-6-fluoro-1,4-dihydro-4-oxo-7-pyrrol-1-yl-3-quinolinecarboxylic acid	2398	sodium salt	6057
Ethyl p-fluorophenyl sulfone	600, 2939, 6725	Ethylhydrocupreine	6149
9-Ethyl-4-fluoro-7,8,9,10-tetrahydro-1-methyl-6H-pyrido[4,3-b]thieno[3,2-e]indole	3288	Ethylhydrocupreine Hydrochloride	4093
ethylformic acid	3746	Ethyl(hydrogen p-mercaptobenzenesulfonato)mercury sodium salt	4093
ethyl heptazine	352, 580	(-)-3-Ethyl hydrogen (R)-3,4-thiazolidine dicarboxylate	6343
($\pm$)-4'-[4-(Ethylheptylamino)-1-hydroxybutyl]methanesulfonanilide	1593	Ethyl (Z)-[[1-N-[(p-hydroxyamidino)benzoyl]-L-alanyl]-4-piperidyl]oxy]acetate	6058
($\pm$)-4'-[4-(Ethylheptylamino)-1-hydroxybutyl]methanesulfonanilide fumarate (2:1) (salt)	1594	Ethyl p-hydroxybenzoate	5184
Ethylhexadecyldimethylammonium ethyl sulfate	6090	(+)-7-Ethyl-10-hydroxycamptothecine 10-[1,4'-bipiperidine]-1'-carboxylate	5185
6-ethyl-1,2,3,4,5,6-hexahydro-3-[(1-hydroxycyclopropyl)methyl]-11,11-dimethyl-2,6-methano-3-benzazocin-8-ol	305	(+)-7-Ethyl-10-hydroxycamptothecine 10-[1,4'-bipiperidine]-1'-carboxylate mono-hydrochloride trihydrate	7555
Ethyl hexahydro-1-methyl-4-phenyl-1H-azepine-4-carboxylate	580	α -Ethyl-1-hydroxycyclohexaneacetic acid	8503
Ethyl hexahydro-1-methyl-4-phenyl-1H-azepine-4-carboxylate citrate (1:1)	581	13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregna-4,15-dien-20-yn-3-one	7729, 9092
Ethyl hexahydro-1-methyl-4-phenyl-1H-azepine-4-carboxylic acid	352	13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregna-4,9,11-trien-20-yn-3-one	3833, 9094
Ethyl hexahydro-1-methyl-4-phenyl-1H-azepine-4-carboxylic acid citrate (1:1)	353	($\pm$)-13-Ethyl-17 β -hydroxy-18,19-dinorpregn-4-en-3-one	270
m-(3-Ethylhexahydro-1-methyl-1H-azepin-3-yl)-phenol	386	(-)-13-Ethyl-17 α -hydroxy-18,19-dinorpregn-4-en-20-yn-3-one	9119
m-(3-Ethylhexahydro-1-methyl-1H-azepin-3-yl)-phenol hydrochloride	387	(-)-13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-en-20-yn-3-one	7741
(1S,3R,4R)-3-Ethyl-1,2,3,4,6,11-hexahydro-3,5,10,12-tetrahydroxy-6,11-dioxo-4-[[2,3,6-trideoxy-3-(dimethylamino)- α -L-		(-)-13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-ene-20-yn-3-one	9100
		($\pm$)-13-Ethyl-17 α -hydroxy-18,19-dinorpregn-4-en-20-yn-3-one	9118
		($\pm$)-13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-en-20-yn-3-one	7739
		(+)-13-Ethyl-17 α -hydroxy-18,19-dinorpregn-4-en-20-yn-3-one	9120
		(+)-13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-en-20-yn-3-one	7740
		(+)-13-Ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-en-20-yn-3-one oxime acetate	7738

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17 α -Ethyl-17 β -hydroxyestr-4-en-3-one	828	ethylisobutrazine	3926
16 β -Ethyl-17 β -hydroxyestr-4-en-3-one	5549	4-Ethyl-5-isonicotinoyl-4-imidazolin-2-one	7496
Ethyl (2-hydroxyethyl)dimethylammonium chloride succinate	8918	3-Ethyl-7-isopropyl-1-azulenesulfonic acid	6477
Ethyl(2-hydroxyethyl)dimethylammonium chloride succinate	8919	Ethyl loflazepate	6718
Ethyl 2-hydroxyethyl ether cellulose	8503	ethylmethambutene	354
(5Z,7E,20R)-20-[(4-Ethyl-4-hydroxyhexyl)oxy]-9,10-secopregna-5,7,10(19)-tiene-1 α ,3 β -diol	5673	Ethyl (m-methoxybenzyl)dimethyl ammonium p-toluenesulfonate	1579
1-Ethyl-1-(2-hydroxyethyl)pyrrolidinium p-toluenesulfonate 3,4,5-trimethoxybenzoate	7620	6-Ethyl-7-methoxy-5-methylimidazo[1,2-a]pyrimidin-2-yl phenyl ketone	6713
13-Ethyl-17-hydroxy-11-methylene-18,19-dinor-17 α -pregn-4-en-20-yn-3-one	9089	4-[Ethyl(p-methoxy- α -methylphenethyl)amino]butyl veratrate	8869
1-Ethyl-3-hydroxy-1-methylpiperidinium bromide benzilate	2797	4-[Ethyl(p-methoxy- α -methylphenethyl)amino]butyl veratrate hydrochloride	8870
2-Ethyl-2-(hydroxymethyl)-1,3-propanediol trinitrate	9708, 9786	(+)-1-[4-[Ethyl-(p-methoxy- α -methylphenethyl)amino]butyl]-N,N-dimethylisonipecotamide	2756
1-[[2-[Ethyl(2-hydroxy-2-methylpropyl)amino]ethyl]amino]-4-methyl-9H-thioxanthen-9-one	1158	Ethyl ($\pm$)-2-[(o-methoxyphenoxy)methyl]- β -oxo-3-thiazolidinepropionate	6421
1-[[2-[Ethyl(2-hydroxy-2-methylpropyl)amino]ethyl]amino]-4-methyl-9H-thioxanthen-9-one hydrochloride	1159	Ethyl [4-(p-methoxyphenyl)-2-thiazolyl]oxamate	1299
($\pm$)- α -Ethyl-1-hydroxy-4-phenylcyclohexane-acetic acid	7568	all-trans-N-Ethyl-9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatetraenamide	8480
Ethyl(m-hydroxyphenyl)dimethylammonium chloride	3471, 7602	all trans N-Ethyl-9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatetraenamide	1242
1-Ethyl-2-(p-hydroxyphenyl)-3-methylindol-5-ol diacetate (ester)	3623	Ethyl (all E)-9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatetraenoate	5672
1-Ethyl-3-hydroxypiperidinium benzilate	2796	3-Ethyl-5-methyl ($\pm$)-2-[(2-aminoethoxy)methyl]-4-(o-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate	7283
16-Ethyl-4-hydroxy-5,9,13,15-tetramethyl-2,10-dioxo-6-[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylohexopyranosyl]oxy]oxacyclohexadeca-11,3-diene-7-acetaldehyde	2206	α -[1-(Ethylmethylamino)ethyl]benzenemethanol	7162
3-Ethyl-7-hydroxy-2,8,12,16-tetramethyl-5,13-dioxo-9-[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylohexopyranosyl]oxy]-4,17-dioxabicyclo[14.1.0]heptadec-14-ene-10-acetaldehyde	2208	α -[1-(Ethylmethylamino)ethyl]benzenemethanol	6912
Ethyl all-cis-5,8,11,14,17-icosapentaenoic acid	4051	α -[1-(Ethylmethylamino)ethyl]benzenemethanol hydrochloride	6911
Ethyl Icosapentate	4051	α -[1-(Ethylmethylamino)ethyl]benzenemethanol hydrochloride	7161
3,3'-Ethylidenebis[4-hydroxy-2H-1-benzopyran-2-one]	2881	3-Ethylmethylamino-1,1-di-(2'-thienyl)-1-butene	354
Ethylidene Dicoumarol	2881	3-Ethyl-5-methyl ($\pm$)-2-[(2-aminoethoxy)methyl]-4-(o-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate	1366, 4117
ethylidene diethyl ether	9278	3-Ethyl-5-methyl ($\pm$)-2-[(2-aminoethoxy)methyl]-4-(o-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate maleate	1368, 4119, 7285
[5R-[5 α ,5 $\alpha\beta$,8 $\alpha\alpha$,9 β (R*)]]-9-[(4,6-O-Ethylidene- β -D-glucopyranosyl)oxy]-5,8,8a,9-tetrahydro-5-(4-hydroxy-3,5-dimethoxyphenyl)-furo[3',4':6,7]naphtho[2,3-d]-1,3-dioxol-6(5aH)-one	5142, 5375	3-Ethyl-5-methyl ($\pm$)-2-[(2-aminoethoxy)methyl]-4-(o-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate	1367, 4118, 7284
($\pm$)-2-[(1-Ethyl-2-imidazolyl)methyl]-1,4-benzodioxane	3147	(+)-Ethyl-1-(α -methylbenzyl)imidazole-5-carboxylate	9364
($\pm$)-2-[(1-Ethyl-2-imidazolyl)methyl]-1,4-benzodioxane hydrochloride	3148	5-Ethyl-5-(1-methyl-1-butenyl)-2,4,6(1H,3H,5H)-pyrimidinetrione	9469
Ethyl ($\pm$)-cis-p-[[[2-(imidazol-1-ylmethyl)-2-(p-methoxyphenyl)-1,3-dioxolan-4-yl]methyl]thio]carbanilate	5135	5-Ethyl-5-(1-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione	9416
1-[2-[p-[(E)- β -Ethyl- α -(p-iodophenyl)styryl]phenoxy]ethyl]pyrrolidine	5422	5-Ethyl-5-(1-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione calcium salt	9418
		5-Ethyl-5-(1-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt	9417
		5-Ethyl-5-(3-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione	9289
		5-Ethyl-5-(3-methylbutyl)-2,4,6(1H,3H,5H)-pyrimidinetrione	

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pyrimidinetrione sodium salt	9290	(-)-(R)-N-Ethyl- α -methyl-m-(trifluoromethyl)phenethylamine	1081
Ethyl methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate	1413, 4236, 7314	(+)-(S)-N-Ethyl- α -methyl-m-(trifluoromethyl)phenethylamine	1061
($\pm$) Ethyl methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate	1414, 4327, 7315	(+)-(S)-N-Ethyl- α -methyl-m-(trifluoromethyl)phenethylamine hydrochloride	1062
(($\pm$)-Ethyl methyl-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate	4350	(+)-N-Ethyl- α -methyl-m-[(trifluoromethyl)thio]phenethylamine	1106
($\pm$)-Ethyl methyl-1,4-dihydro-2,6-dimethyl-4-(m-nitrophenyl)-3,5-pyridinedicarboxylate	7348	2-Ethyl-3-methylvaleramide	6816
Ethyl methyl 1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridinedicarboxylate	7350	(2-Ethyl-3-methylvaleryl)urea	9319
13-Ethyl-11-methylene-18,19-dinor-17 α -pregn-4-en-20-yn-17-ol	7725, 9080	Ethylmorphine	355
3-Ethyl-3-methylglutarimide	7644, 9238	Ethylmorphine Hydrochloride	356
ethyl-N-methylmorphinium iodide	357	Ethylmorphine Methiodide	357
N-Ethyl- α -methylphenethylamine	1069, 7681	Ethyl 4-morpholino-2,2-diphenylbutyrate	348, 6189
α -Ethyl-p-[2-[(α -methylphenethyl)amino]ethoxy]benzyl alcohol	956, 7458	1-Ethyl-4-(2-morpholinoethyl)-3,3-diphenyl-2-pyrrolidinone	9247
α -Ethyl-p-[2-[(α -methylphenethyl)amino]ethoxy]benzyl alcohol hydrochloride	957, 7459	1-Ethyl-4-(2-morpholinoethyl)-3,3-diphenyl-2-pyrrolidinone monohydrochloride monohydrate	9248
5-Ethyl-1-methyl-5-phenylbarbituric acid	2959	Ethyl 10-(3-morpholinopropionyl)phenothiazine-2-carbamate	1619
5-Ethyl-6-methyl-4-phenyl-3-cyclohexene-1-carboxylic acid	8138	Ethyl 10-(3-morpholinopropionyl)phenothiazine-2-carbamate hydrochloride	1620
5-Ethyl-1-methyl-5-phenylhydantoin	2961	Ethylnarceine Hydrochloride	358
5-Ethyl-3-methyl-5-phenylhydantoin	2958	3-ethylnirvanol	2958
Ethyl 1-methyl-4-phenylisonipicotate	384	3-Ethyl-1-(m-nitrophenyl)-2,4[1H,3H]-quinazolidione	4700
Ethyl 1-methyl-4-phenylisonipicotate hydrochloride	385	ethylnoradrenaline	6913, 7168
trans-3-Ethyl-1-methyl-4-phenyl-4-piperidinol propanoate (ester)	302	Ethylnorepinephrine	6913, 7168
cis-3-Ethyl-1-methyl-4-phenyl-4-propionyloxy piperidine	294	Ethylnorepinephrine Hydrochloride	6914, 7169
β -3-Ethyl-1-methyl-4-phenyl-4-propionyloxy piperidine	302	ethylnorsprenin	6913, 7168
5-Ethyl-1-methyl-5-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione	9397	($\pm$)-trans-3-Ethyl-1,4s,5,6,7,8,8a,9-octahydro-2,6-dimethyl-4H-pyrrolo[2,3-g]isoquinolin-4-one	5837
3-Ethyl-2-methyl-2-phenylsuccinimide	5753	($\pm$)-trans-3-Ethyl-1,4s,5,6,7,8,8a,9-octahydro-2,6-dimethyl-4H-pyrrolo[2,3-g]isoquinolin-4-one monohydrochloride dihydrate	5838
4'-Ethyl-2-methyl-3-piperidinopropiophenone	8839	2-[2-Ethyl-8-hydroxy-3'-methyl-5'-[tetrahydro-6-hydroxy-6-(hydroxymethyl)-3,5-dimethyl-2H-pyran-2-yl][2,2'-bifuran-5-yl]]-9-hydroxy- β -methoxy- α,γ ,2,8-tetramethyl-1,6-dioxapsiro[4.5]decan-7-butanoic acid	3713
4'-Ethyl-2-methyl-3-piperidinopropiophenone hydrochloride	8840	2-[2-Ethyl-8-hydroxy-3'-methyl-5'-[tetrahydro-6-hydroxy-6-(hydroxymethyl)-3,5-dimethyl-2H-pyran-2-yl][2,2'-bifuran-5-yl]]-9-hydroxy- β -methoxy- α,γ ,2,8-tetramethyl-1,6-dioxapsiro[4.5]decan-7-butanoic acid	5598
5-Ethyl-5-(1-methylpropyl)-2,4,6(1H,3H,5H)-pyrimidinetrione	9307	ethylolamine	9265
5-Ethyl-5-(1-methylpropyl)-2,4,6(1H,3H,5H)-pyrimidinetrione sodium salt	9308	ethyl oxide	852
4'-Ethyl-2-methyl-3-(1-pyrrolidinyl)propiophenone	8857	Ethyl-[(4-oxo-2-phenyl-4H-1-benzopyran-7-yl)oxy]acetate	9743
4'-Ethyl-2-methyl-3-(1-pyrrolidinyl)propiophenone hydrochloride	8859	($\pm$)- α -Ethyl-2-oxo-1-pyrrolidineacetamide	2937
($\pm$)-4'-Ethyl-2-methyl-3-(1-pyrrolidinyl)propiophenone	8858	(S)- α -Ethyl-2-oxo-1-pyridolidineacetamide	2954
($\pm$)-4'-Ethyl-2-methyl-3-(1-pyrrolidinyl)propiophenone hydrochloride	8860	N-[1-[2-(4-Ethyl-5-oxo-2-tetrazolin-1-yl)ethyl]-4-(methoxymethyl)-4-piperidyl]propionanilide	289
2-Ethyl-2-methylsuccinimide	2935	N-[1-[2-(4-Ethyl-5-oxo-2-tetrazolin-1-yl)ethyl]-4-(methoxymethyl)-4-piperidyl]propionanilide monohydrochloride	291
Ethylmethylthiambutene	354	N-[1-[2-(4-Ethyl-5-oxo-2-tetrazolin-1-yl)ethyl]-	
Ethyl 3-methyl-2-thioimidazoline-1-carboxylate	4456		
N-Ethyl- α -methyl-m-(trifluoromethyl)phenethylamine	1072		
N-Ethyl- α -methyl-m-(trifluoromethyl)phenethylamine hydrochloride	1073		

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4-(methoxymethyl)-4-piperidyl		O-Ethyl O-(8-quinolyl)phenylphosphonothioate	1217, 8039
propionanilide monohydrochloride		1-N-ethylsomicin	1855
monohydrate	290	Ethyl(sodium o-mercaptobenzoato)mercury	6150
(±)-cis-N-[1-[2-(4-Ethyl-5-oxo-2-tetrazolin-1-yl)		Ethylstibamine	5574
ethyl]-3-methyl-4-piperidyl]-2'-fluoro-2-		p-Ethylsulfonylbenzaldehyde thiosemicarbazone	2615
methoxyacetanilide	306	1-[2-(Ethylsulfonyl)ethyl]-2-methyl-5-	
(±)-cis-N-[1-[2-(4-Ethyl-5-oxo-2-tetrazolin-1-yl)		nitroimidazole	1358, 5632
ethyl]-3-methyl-4-piperidyl]-2'-fluoro-2-		6-[(E)-p-(Ethylsulfonyl)-α-methylstyryl]-1,2,3,4-	
-methoxyacetanilide monohydrochloride	307	tetrahydronaphthalene	8479
ethylpapaverine	6194	Ethyl 1-(1,2,3,4-tetrahydro-1-naphthyl)	
Ethylparaben	6058	imidazole-5-carboxylate mononitrate	3679
Ethyl Parasept	6058	Ethyl 1,2,3,6-tetrahydro-2,6-dioxo-4-pyrimidine	
5-(1-Ethylpentyl)-3-[(trichloromethyl)thio]hydantoin	3653	carboxylate	9655
ethylphenacetamide	2978	5-Ethyl-2,3,5,8-tetrahydro-8-oxofuro[2,3-g]	
5-Ethyl-5-phenylbarbituric acid	2979	quinoline-7-carboxylic acid	2388
5-Ethyl-5-phenylbarbituric acid sodium salt	2980	N ¹ -(5-Ethyl-1,3,4-thiadiazole-2-yl)	
(+)-2-(2-Ethyl-2-phenyl-1,3-dioxolan-4-yl)piperidine	874	sulfanilamide	2467
(+)-2-(2-Ethyl-2-phenyl-1,3-dioxolan-4-yl)		(11β,17α)-17-(Ethylthio)-9-fluoro-11-hydroxy-	
piperidine hydrochloride	875	17-(methylthio)androsta-1,4-diene-3-one	8727
ethylphenylephrine	4477	2-Ethylthioisonicotinamide	2591
2-Ethyl-2-phenylglutarimide	9373	2-(Ethylthio)-10-[3-(4-methyl-1-piperazinyl)	
3-Ethyl-5-phenylimidazolidin-2,4-dione	2936	propyl]phenothiazine	3589
3-(o-Ethylphenyl)-2-methyl-4(3H)-quinoxalinone	9359	2-(Ethylthio)-10-[3-(4-methyl-1-piperazinyl)	
5-Ethyl-5-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione	9422	propyl]phenothiazine dihydrochloride	3590
5-Ethyl-5-phenyl-2,4,6(1H,3H,5H)-pyrimidinetrione		2-(Ethylthio)-10-[3-(4-methyl-1-piperazinyl)	
sodium salt	9423	propyl]phenothiazine dimaleate	3592
N-Ethyl-2-phenyl-N-(4-pyridylmethyl)		2-(Ethylthio)-10-[3-(4-methyl-1-piperazinyl)	
hydracrylamide	2856	propyl]phenothiazine malate	3591
Ethyl 3-(1-phthalazinyl)carbazate	4433	4-Ethyl-7-[(5-thio-D-xylopyranosyl)oxy]	
Ethyl 3-(1-phthalazinyl)carbazate hydrochloride	4434	coumarin	6308
2-(4-Ethyl-1-piperazinyl)-4-(p-fluorophenyl)-		Ethyl Thiurad	10001
5,6,7,8,9,10-hexahydrocycloocta[b]pyridine	5702	Ethyl 3,5,6-tri-O-benzyl-D-glucofuranoside	9276
2-Ethyl-3-(β-piperidino-p-phenetidine)phthalimidine	6196	Ethyl (2,2,2-trichloro-1-hydroxyethyl)carbamate	9320
1-Ethyl-3-piperidyl diphenylacetate		Ethyl-4-(3,4,5-trimethoxycinnamoyl)-1-	
hydrochloride	2798, 2799	piperazineacetate	1400
(±)-2-(Ethylpropylamino-2',6'-butyroxylidide	950	Ethyl-4-(3,4,5-trimethoxycinnamoyl)-1-	
(±)-2-(Ethylpropylamino-2',6'-butyroxylidide		piperazineacetate maleate	1401
hydrochloride	951	ethyl urethan	5370
2-(Ethylpropylamino)ethyl benzilate	2669	ethylxanthin disulfide	8029
2-(Ethylpropylamino)ethyl benzilate hydrochloride	2670	Ethymal	2935
(±)-p-[3-[Ethyl[3-(propylsulfinyl)propyl]amino]-2-		Ethyneron	9086
hydroxypropoxy]benzonitrile	1499	Ethynodiol	7727, 9087
(±)-5-[p-[2-[(5-Ethyl-2-pyridyl)ethoxy]benzyl]-		Ethynodiol Diacetate	7728, 9088
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Flumetholon	4854, 8671	3-Fluoro-D-alanine-2-d	2264
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Flumezapine	5756	3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)	
Fluminorex	1078	piperidino]ethyl]-2,9-dimethyl-4H-	
Flumizole	4626	pyrido[1,2-a]pyridimin-4-one	5813
flumoperone	5887	3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)	
Flumoxal	5575	piperidino]ethyl]-6,7,8,9-tetrahydro-2-methyl-	
Flumoxane	5575	4H-pyrido[1,2-a]pyridimin-4-one	5855
Flumoxonide	8660	4'-[3-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)	
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Flunarizine	7318, 9682, 9832	1-[1-[3-(6-Fluoro-1,2-benzisoxazole-3-yl)	
Flunarizine Hydrochloride	7319, 9683, 9833	propyl]-4-piperidyl]-2-benzimidazolinone	5809
Flunaril	3696, 7319, 9683	1-[1-[3-(6-Fluoro-1,2-benzisoxazole-3-yl)propyl]-	
Flunase	4858	4-piperidyl]-2-benzimidazolinone	
Flunidazole	5576	monohydrochloride	5810
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Flunisolid	1756	4'-carboxamide	5831
Flunisolid [anhydrous]	8661	1'-[3-(p-Fluorobenzoyl)propyl][1,4'-bipiperidine]-	
Flunisolid 21-Acetate	1757	4'-carboxamide dihydrochloride	5832
Flunisolid Acetate	8662	7-[2-[4-(p-Fluorobenzoyl)piperidino]ethyl]	
Flunisolid Hemihydrate	8663	theophylline	4243
Flunitrazepam	9367	($\pm$)-4-[3-[3-[4-(p-Fluorobenzoyl)piperidino]	
Flunixin	598, 4627, 5930	propoxy]-4-methoxyphenyl]-2-pyrrolidinone	3168
Flunixin Meglumine	599, 4628, 5931	3-[4-[4-(p-Fluorobenzoyl)piperidino]butyl]-	
Flunoxaprofen	4629	2,4(1H,3H)-quinazolinedione	4165
fluocinolide	4851	6-[2-[4-p-Fluorobenzoyl)piperidinyl]ethyl]-	

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2,3-dihydro-7-methyl-5H-thiazolo[3,2- α]pyrimidin-5-one	5858	carboxylic acid	2378
8-[3-(p-Fluorobenzoyl)propyl-1-(p-fluorophenyl)-1,3,8-triazaspiro[4.5]decan-4-one	5765	6-Fluoro-1,4-dihydro-1-(methylamino)-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinoline	
8-[3-(p-Fluorobenzoyl)propyl]-2-methyl-2,8-diazaspiro[4.5]decan-1,3-dione	6799	carboxylic acid monomethanesulfonate	2379
8-[3-(p-Fluorobenzoyl)propyl-1-phenyl-1,3,8-triazaspiro[4.5]decan-4-one	5859	(S)-(-)-9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid	2407
1-[1-[3-(p-Fluorobenzoyl)propyl]-1,2,3,6-tetrahydro-4-pyridyl]-2-benzimidazolinone	5749	9-Fluoro-6,7-dihydro-5-methyl-1-oxo-1H,5H-benzo[ij]quinolizine-2-carboxylic acid	2393
3-[2-[4-(p-Fluorobenzoyl)piperidino]ethyl]-2,4-(1H,3H)-quinazolidinedione	4293, 9506	9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid	2406
3-[2-[4-(p-Fluorobenzoyl)piperidino]ethyl]-2,4-(1H,3H)-quinazolidinedione tartrate	4294, 9507	9-Fluoro-2,3-dihydro-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzothiazine-6-carboxylic acid	2419
3-[2-[4-(p-Fluorobenzoyl)piperidino]ethyl]-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one	6790	9-Fluoro-2,3-dihydro-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzothiazine-6-carboxylic acid hydrochloride	2420
2-[[1-[1-(p-Fluorobenzyl-2-benzimidazolyl)-4-piperidyl]methylamino]-4(3H)-pyrimidinone	3960	(S)-6-Fluoro-2,3-dihydrospiro[4H-1-benzopyran-4,4'-imidazolidine]-2',5'-dione	67
($\pm$)-4-(p-Fluorobenzyl)-2-(hexahydro-1-phenethyl-1H-azepin-4-yl)-1(2H)-phthalazinone	1267, 1755	9-Fluoro-11 β ,17 β -dihydroxy-17-methylandroster-4-en-3-one	811
1-(p-Fluorobenzyl)-2-[[1-(p-methoxyphenethyl)-4-piperidyl]amino]benzimidazole	1252	(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregn-4-ene-3,20-dione	4856, 8673
2-[(p-Fluorobenzyl)methylamino]ethyl isopropyl ($\pm$)-1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridine-dicarboxylate	1409	(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione	8661
2-[(p-Fluorobenzyl)methylamino]ethyl isopropyl ($\pm$)-1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridine-dicarboxylate hydrochloride	1410	(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione 21-acetate	8662
2-[(p-Fluorobenzyl)methylamino]ethyl isopropyl ($\pm$)-1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridine-dicarboxylate hydrochloride	7310	(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione hemihydrate	8663
2-[(p-Fluorobenzyl)methylamino]ethyl isopropyl ($\pm$)-1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridine-dicarboxylate	7309	(11 β ,16 α)-9-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]pregna-1,4-diene-3,20-dione	8730
($\pm$)-8-Fluoro- α ,5-bis(p-fluorophenyl)-1,3,4,5-tetrahydro-2H-pyrido[4,3-b]indole-2-butanol	5767	(11 β ,16 α)-9-Fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione	8639
Fluoroblastin	5118, 5152	(6 α ,11 β)-9-Fluoro-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione	4854, 8671
5-Fluorocytosine	3686	(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione	8665
6 α -fluorodexamethazone	4847, 8657	(6 α ,11 β)-9-Fluoro-11,17-dihydroxy-6-methylpregna-1,4-diene-3,20-dione 17-acetate	4855, 8672
2-[(8-Fluorodibenz[b,f]oxepin-10-yl)thio]-N-methylethylamine	604	(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-hexanoate	8666
2-[(8-Fluorodibenz[b,f]oxepin-10-yl)thio]-N-methylethylamine hydrochloride	605	(6 α ,11 β ,16 α)-6-Fluoro-11,21-dihydroxy-16-methylpregna-1,4-diene-3,20-dione 21-pivalate	8667
(6 β ,11 β)-9-Fluoro-1',4'-dihydro-11,21-dihydroxy-2'H-naptho[2',3':16,17]pregna-1,4-diene-3,20-dione	8700	(6 α ,11 β)-6-Fluoro-11,21-dihydroxy-17-[(1-oxopentyl)oxy]pregna-1,4-diene-3,20-dione	8670
(6 β ,11 β)-9-Fluoro-1',4'-dihydro-11,21-dihydroxy-2'H-naptho[2',3':16,17]pregna-1,4-diene-3,20-dione monohydrate	8699	9-Fluoro-11 β ,17-dihydroxypregn-4-ene-3,20-dione 17-acetate	9090
($\pm$)-9-Fluoro-6,7-dihydro-8-(4-hydroxy piperidino)-5-methyl-1-oxo-1H,5H-benzo[ij]quinolizine-2-carboxylic acid	2402	(E)-4'-Fluoro-3,5-dimethyl-4-stilbenol	1753
6-Fluoro-1,4-dihydro-1-(methylamino)-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinoline		(8S)-8-Fluoroerythromycin	2191

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(endo, syn)-8-(2-Fluoroethyl)-3- [(hydroxydiphenylacetyl)oxy]-8-methyl- 8-azoniabicyclo[3.2.1]octane bromide	2741	butyrophenone monohydrochloride	5804
(8r)-8-(2-Fluoroethyl)-3 α -hydroxy-1 α H,5 α H- tropanium bromide benzilate	7177	4'-Fluoro-4-[4-hydroxy-4-(α , α , α -trifluoro-m- tolyl)piperidino]butyrophenone	5887, 5888
Fluorofen	5890	4'-Fluoro-4-[4-(3-isoquinolyl)-1-piperazinyl] butyrophenone	5723
4'-Fluoro-4-(p-fluorobenzoyl)piperidino] butyrophenone	5778	Fluoromar	854
6-Fluoro-2-(2'-fluoro-[1,1'-biphenyl]-4-yl)-3- methyl-4-quinolinecarboxylic acid	5053	Fluorometholone	4854, 8671
6-Fluoro-2-(2'-fluoro-4-biphenyl)-3- methyl-4-quinolinecarboxylic acid	8439	Fluorometholone Acetate	4855, 8672
6-Fluoro-1-(p-fluorophenyl)-1,4-dihydro-7-(4- methyl-1-piperazinyl)-4-oxo-3-quinoline carboxylic acid	2386	(-)-(S)-N-(5-Fluoro-2-methoxy- α -methyl benzyl)-2-[p-[(5-isobutyl-2-pyrimidinyl) sulfamoyl]phenyl]acetamide	3348
6-Fluoro-1-(p-fluorophenyl)-1,4-dihydro-7-(4- methyl-1-piperazinyl)-4-oxo-3-quinoline carboxylic acid hydrochloride	2387	2'-Fluoro-2-methoxy-N-[(1-phenethyl)-4-piperidyl] acetanilide monohydrochloride	420
1-[o-Fluoro- α -(p-fluorophenyl)- α -phenylbenzyl] imidazole	3687	2'-Fluoro-2-methoxy-N-[(1-phenethyl)-4-piperidyl] acetanilide	421
N-[[[(S)-3-(3-Fluoro-4-(4-glycoloyl-1-piperazinyl) phenyl]-2-oxo-5-oxazolidinyl)methyl]acetamide	2263	4'-Fluoro-4-[4-[2-[(p-methoxy- α -phenylbenzyl) oxy]ethyl]-1-piperazinyl]butyrophenone	3564
($\pm$)-10-Fluoro-1,2,3,4,4a,5-hexahydro-3-methyl- 7-(2-thienyl)pyrazino[1,2-a][1,4]benzodiazepine	5879	4'-Fluoro-4-[4(o-methoxyphenyl)-1-piperazinyl] buterophenone	5754
($\pm$)-4'-Fluoro-4-(3,4,6,7,12,12a-hexahydro pyrazino[1',2':1,6]pyrido[3,4-b]indol-2(1H)-yl) butyrophenone	5701	2-Fluoro- α -methyl[1,1'-biphenyl]-4-acetic acid	606, 4631
5-Fluoro-N-hexyl-3,4-dihydro-2,4-dioxo-1(2H)- pyrimidinecaroxamide	5066	S-Fluoromethyl 6 α ,9-difluoro-11 β ,17- dihydroxy-16 α -methyl-3-oxoandrosta-1,4- diene-17 β -carbothioate 17-propionate	4858
4'-Fluoro-4-hydroxy-3-biphenylcarboxylic acid acetate	597	S-Fluoromethyl 6 α ,9-difluoro-11 β ,17- dihydroxy-16 α -methyl-3-oxoandrosta-1,4- diene-17 β -carbothioic acid	4857
(+)-(S)-p-Fluoro-N-[2-[4-[2-(hydroxymethyl)-1,4- benzodioxan-5-yl]-1-piperazinyl]ethyl] benzamide	6722, 9488	(E)-2-(Fluoromethylene)-4-(p-fluorophenyl) butylamine	5492, 8758
(+)-(S)-p-Fluoro-N-[2-[4-[2-(hydroxymethyl)-1,4- benzodioxan-5-yl]-1-piperazinyl] ethyl]benzamide hydrochloride	6723, 9489	(E)-2-(Fluoromethylene)-4-(p-fluorophenyl) butylamine hydrochloride	5493, 8759
(6 α ,11 β ,16 α)-6-Fluoro-11-hydroxy-16-methyl- 3,20-dioxopregna-1,4-dien-21-oic acid	4852	7-Fluoro-2-methyl-4-(4-methyl-1-piperazinyl)- 10H-thieno[2,3-b][1,5]benzodiazepine	5756
(6 α ,11 β ,16 α)-6-Fluoro-11-hydroxy-16-methyl- 3,20-dioxopregna-1,4-dien-21-oic acid butyl ester	4853	cis-5-Fluoro-2-methyl-1-[(p-methylsulfanyl) phenyl]benzylidene]indene-3-acetic acid	4763
(11 β ,16 α)-9-Fluoro-11-hydroxy-16,17-[(1- methylethylidene)bis(oxy)]pregna-1,4- diene-3,20-dione	8638	7-Fluoro-1-methyl-3-(methylsulfanyl)-4(1H)- quinolone	4242
(11 β ,16 α)-9-Fluoro-11-hydroxy-16,17-[(1- methylethylidene)bis(oxy)]pregna-1,4- diene-3,20-dione 21-hemisuccinate	8731	3-Fluoro-6-(4-methyl-1-piperazinyl)morphanthridine	5760
(11 β ,16 α)-9-Fluoro-11-hydroxy-16,17-[1- methylethylidenebis(oxy)]-21-(phosphonoxy) pregna-1,4-diene-3,20-dione disodium salt	8732	4'-Fluoro-4-(4-methylpiperidino)butyrophenone	5788
(11 β ,16 β ,17 α)-9-Fluoro-11-hydroxy-16-methyl- 3-oxoandrosta-1,4-diene-17-carbothioic acid S-methyl ester	8726	4'-Fluoro-4-(4-methylpiperidino) butyrophenone monohydrochloride	5789
9 α -fluoro-16 α -hydroxyprednisolone	8730	N-[[[(S)-3-(3-Fluoro-4-morpholinophenyl)-2-oxo- 5-oxazolidinyl)methyl]acetamide	2273
4'-Fluoro-4-(4-hydroxy-4-p-tolylpiperidino) butyrophenone	5803	5-(o-Fluorophenyl)-1,3-dihydro-1-methyl-7- nitro-2H-1,4-benzodiazepin-2-one	9367
4'-Fluoro-4-(4-hydroxy-4-p-tolylpiperidino)		5-F-Anhydro-ara-C hydrochloride	5153
		Fluoromethyl-2,2,2-trifluoro-1-(trifluoromethyl) ethyl ether	863
		Fluor-Op	4854, 8671
		Fluorophene	6063
		(S)-1-[p-[2-[(p-Fluorophenethyl)oxy]ethoxy] phenoxy]-3-(isopropylamino)-2- propanol	1415, 1590, 4244
		($\pm$)-N-[[5-(o-Fluorophenyl)-2,3-dihydro-1- methyl-1H-1,4-benzodiazepin-2-yl]methyl]- 3-thiophenecarboxamide	462, 7933
		4-(o-Fluorophenyl)-6,8-dihydro-1,3,8- trimethylpyrazolo[3,4-e][1,4]diazepin- 7(1H)-one	9472

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4-(o-Fluorophenyl)-6,8-dihydro-1,3,8-trimethylpyrazolo[3,4-e][1,4]diazepin-7(1H)-one hydrochloride	9473	pyrimidinedione (2R,3R,3aS,9aR)-7-Fluoro-2,3,3a,9a-tetrahydro-3-hydroxy-6-imino-6H-furo[2',3':4,5]oxazolo[3,2-a]pyrimidine-2-methanol	5330, 5338
(βR,δR)-2-(p-Fluorophenyl)-β,δ-dihydroxy-5-isopropyl-3-phenyl-4-(phenylcarbamoyl)pyrrole-1-heptanoic acid	4022	6-Fluoro-2,3,4,5-tetrahydro-5-methyl-2-[(5-methylimidazol-4-yl)methyl]-1H-pyrido[4,3-b]indol-1-one	5153
(+)-(3R,5S,6E)-7-[4-(p-Fluorophenyl)-2,6-diisopropyl-5-(methoxymethyl)-3-pyridyl]-3,5-dihydroxy-6-heptenoic acid	4033	6-Fluoro-2,3,4,5-tetrahydro-5-methyl-2-[(5-methylimidazol-4-yl)methyl]-1H-pyrido[4,3-b]indol-1-one monomethanesulfonate	3556
3-(m-Fluorophenyl)-1,4-dimethyl-Δ ² -1,2,4-triazoline-5-thione	3271	8-Fluoro-2,3,4,5-tetrahydro-2-[3-(3-pyridyl)propyl]-1H-pyrido[4,3-b]indole	3557
p-Fluorophenyl 4-(p-fluorophenyl)-4-hydroxy-1-methyl-3-piperidyl ketone	4620	8-Fluoro-2,3,4,5-tetrahydro-2-[3-(3-pyridyl)propyl]-1H-pyrido[4,3-b]indole monohydrochloride	5768
2-(p-Fluorophenyl)-1,3-indandione	2883	(11β,16α)-9-Fluoro-11,16,17,21-tetrahydroxypregna-1,4-diene-3,20-dione	5769
(+)-(1R,3S)-1-[2-[4-[3-(p-Fluorophenyl)-1-indanyl]-1-piperazinyl]ethyl]-2-imidazolidinone	4291	(11β,16α)-9-Fluoro-11,16,17,21-tetrahydroxypregna-1,4-diene-3,20-dione with acetone 21-(2-benzofurancarboxylate)	8729
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Heferol	8280	derived from porcine intestinal mucosa	6318
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Hemineurin	2920, 9334	Heptalin	434
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		2-heptanamine	7798
		2-heptanamine sulfate (2:1)	7799
		1,7-Heptanedicarboxylic acid	1233
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Heptedrine	190, 7799	p-(Hexadecylamino)benzoic acid	4035
Heptone	434	Hexadecyl(2-hydroxycyclohexyl)dimethyl ammonium bromide	6030
2,2'-[3-[(3-Heptyl-4-methyl-2(3H)-thiazolylidene)ethylidene]-1-propene-1,3-diyl]bis[3-heptyl-4-methylthiazolium]diiodide	8420	Hexadecyl(2-hydroxycyclohexyl)dimethyl ammonium chloride	6029
Heptylon	7466	hexadecylphosphorylcholine	5220
heptylstigmine	7603	1-Hexadecylpyridinium chloride	6032
Hepzidine	2743, 3144	1-Hexadecylpyridinium chloride monohydrate	6031
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Herplex Liquifilm®	6605	Hexagastron	6529, 7760
Herzolan	9754	hexahydroadiphenine	6191
HES	9054	2,3,4,5,6,7-Hexahydro-1H-azepine-1-aceto-2',6'-xylidide	1635
6-H.E.S.	9054	N-[[[(Hexahydro-1H-azepin-1-yl)amino]carbonyl]-4-methylbenzenesulfonamide	3407, 3414
Hesofen	9395	2-(Hexahydro-1H-azepin-1-yl)ethyl α -cyclohexyl-3-thiopheneacetate	9819
Hespan	9054	2-(Hexahydro-1H-azepin-1-yl)ethyl α -cyclohexyl-3-thiopheneacetate citrate (1:1)	9820
Hespander	9054	N-[2-[4-[[[(Hexahydro-1H-azepin-1-yl)amino]carbonyl]amino]sulfonyl]phenyl]ethyl]-5-methyl-3-isoxazolecarboxamide	3354, 3403
Hestar	9054	(2S,5R,6R)-[[[(Hexahydro-1H-azepin-1-yl)methylene]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid ester with ethyl 1-hydroxyethyl carbonate	1903
Hestrium chloride	4272	[2S-(2 α ,5 α ,6 β)]-6-[[[(Hexahydro-1H-azepin-1-yl)methylene]amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	1885
Hestsol	9054	[2S-(2 α ,5 α ,6 β)]-6-[[[(Hexahydro-1H-azepin-1-yl)methylene]amino]-3,3-dimethyl-7-oxa-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (2,2-dimethyl-1-oxopropoxy)methyl ester	1886
Hetacillin	2051	[2-(Hexahydro-1(2H)-azocinyl)ethyl]guanidine	4259
Hetacillin Potassium	2052	[2-(Hexahydro-1(2H)-azocinyl)ethyl]guanidine sulfate	4260
HetacinK	2052	[2-(Hexahydro-1(2H)-azocinyl)ethyl]guanidine sulfate (2:1)	4261
Hetastarch	9054	hexahydrodesoxyephedrine	7792
Heteronium Bromide	2744	(-)-4'-(cis-1,2,3,4,4a,10b-Hexahydro-8,9-dimethoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl)-p-toluenesulfonanilide	7513
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Hetrazan	1170	(-)-(1S,6S)-2,3,4,5,6,7-Hexahydro-1,4-dimethyl-1,6-methano-1H-4-benzazonin-10-ol	351
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(2R*,6R*,11R*)-1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(3-methyl-2-butenyl)-2,6-methano-3-benzazocin-8-ol	430	methanesulfonate	3506
(2R*,6R*,11R*)-1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(3-methyl-2-butenyl)-2,6-methano-3-benzazocin-8-ol hydrochloride	431	Hexahydro-1-(5-isoquinolyl-1-sulfonyl)-1H-1,4-diazepine	9677
(2R*,6R*,11R*)-1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(3-methyl-2-butenyl)-2,6-methano-3-benzazocin-8-ol lactate (salt)	432	Hexahydro-1-(5-isoquinolyl-1-sulfonyl)-1H-1,4-diazepine monohydrochloride	9678
8,9,10,11,11a,12-Hexahydro-8,10-dimethyl-7aH-naphthol[1',2':5:6]pyranol[3,2-c]pyridin-7a-ol	5807	5,6,9,17,19,21-Hexahydroxy-23-methoxy-2,4,12,16,18,20,22-heptamethyl-2,7-(epoxypentadeca[1,11,13]trienimino)naphtho[2,1-b]furan-1,11(2H)dione 21-acetate	1881
8,9,10,11,11a,12-Hexahydro-8,10-dimethyl-7aH-naphthol[1',2':5:6]pyranol[3,2-c]pyridin-7a-ol hydrochloride	5808	5,6,9,17,19,21-Hexahydroxy-23-methoxy-2,4,12,16,18,20,22-heptamethyl-8-[N-(4-methyl-1-piperaziny)]formimidoyl]-2,7-(epoxypentadeca[1,11,13]trienimino)naphtho[2,1-b]furan-1,11(2H)dione 21-acetate	1880, 2609
(-)-1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(2-phenylethyl)-2,6-methano-3-benzazocin-8-ol Hydrobromide	437	(±)-Hexahydro-4-(5-methoxyheptyl)-2(1H)-pentalenone	1235, 1304
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1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(2-phenylethyl)-2,6-methano-3-benzazocin-8-ol Hydrobromide	438	(4aS,6R,8aS)-4a,5,9,10,11,12-Hexahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-ol hydrobromide	7629
Hexahydro-α,α-diphenylpyrolo[1,2-a]pyrazine-2(1H)-butyramide	1639	(2R*,4R*,4aS*,5R*,7S*,7aR*,8R*)-Hexahydro-4-methoxy-8-methyl-7a(piperidinomethyl)-2,5-methanocyclopenta-m-dioxin-7-ol	7366
5-[Hexahydro-5-hydroxy-4-(3-hydroxy-4-methyl-1-octen-6-ynyl)-2(1H)-pentalenylidene]pentanoic acid	9839	1,2,3,4,10,14b-Hexahydro-2-methyldibenzo[c,fl]pyrazino[1,2-a]azepine	3189
5-[Hexahydro-5-hydroxy-4-(3-hydroxy-4-methyl-1-octen-6-ynyl)-2(1H)-pentalenylidene]pentanoic acid tromethamine	9840	1,2,3,4,10,14b-Hexahydro-2-methyldibenzo[c,fl]pyrazino[1,2-a]azepine monohydrochloride	3190
(Z)-(3aR,4R,5R,6aS)-Hexahydro-5-hydroxy-4-[(E)-(3S)-3-hydroxy-1-octenyl]-2H-cyclopenta[b]furan-Δ ^{2,δ} -valeric acid	9172	(-)-N-[(S)-Hexahydro-1-methyl-2,6-dioxo-4-pyrimidinylcarbonyl]-L-histidyl-L-prolinamide tetrahydrate	9585
(E)-(3aS,4R,5R,6aS)-Hexahydro-5-hydroxy-4-[(E)-(3S,4RS)-3-hydroxy-4-methyl-1-octen-6-ynyl]-Δ ^{2(1H),δ} -pentalenevaleric acid	6309	(+)-cis-1,3,4,9,10,10a-Hexahydro-11-methyl-2H-10,4a-iminoethanophenanthren-6-ol	331
(±)-1-[(2R*,6S*,11S*)-(1,2,3,4,5,6-Hexahydro-8-hydroxy-3,6,11-trimethyl-2,6-methano-3-benzazocin-11-yl)-3-octanone	782	1,2,3,4,10,14b-Hexahydro-2-methylpyrazino[2,1-a]pyrido[2,3-c]benzazepine	3197
(±)-1-[(2R*,6S*,11S*)-(1,2,3,4,5,6-Hexahydro-8-hydroxy-3,6,11-trimethyl-2,6-methano-3-benzazocin-11-yl)-3-octanone methanesulfonate	783	(1S,7S,8S,8aR)-1,2,3,7,8,8a-Hexahydro-7-methyl-8-[2-[(2R,4R)-tetrahydro-4-hydroxy-6-oxo-2H-pyran-2-yl]ethyl]-1-naphthyl (S)-2-methylbutyrate	4070
(±)-1-[(2R*,6S*,11S*)-1,2,3,4,5,6-Hexahydro-8-hydroxy-3,6,11-trimethyl-2,6-methano-3-benzazocin-11-yl]-6-methyl-3-heptanone methanesulfonate (salt)	802	5-(Hexahydro)-2-oxo-1H-thieno[3,4-d]imidazol-4-yl-2-pentenoic acid	3704
1,2,4,6,7,11b-Hexahydro-3-isobutyl-9,10-dimethoxy-2H-benzo[a]quinolizin-2-one	5865	(3aS,4S,6aR)-Hexahydro-2-oxo-1H-thieno[3,4-d]imidazole-4-valeric acid	9910
1,2,4,6,7,11b-Hexahydro-3-isobutyl-9,10-dimethoxy-2H-benzo[a]quinolizin-2-one methanesulfonate	5866	1,2,3,6,7,8,9-Hexahydro-5-phenyl-2H-[1]-benzothieno[2,3-e]-1,4-diazepin-2-one	9298
1,3,4,6,7,11b-Hexahydro-3-isobutyl-9,10-dimethoxy-2H-benzo[a]quinolizin-2-one	3504	(+)-(4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-4-propyl-2H-naphth[1,2-b]1,4-oxazin-9-ol	5494, 8000
1,3,4,6,7,11b-Hexahydro-3-isobutyl-9,10-dimethoxy-2H-benzo[a]quinolizin-2-one hydrochloride	3505	(+)-(4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-4-propyl-2H-naphth[1,2-b]1,4-oxazin-9-ol hydrochloride	5495, 8001
1,3,4,6,7,11b-Hexahydro-3-isobutyl-9,10-dimethoxy-2H-benzo[a]quinolizin-2-one		(+)-(4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-4-propyl-2H-naphth[1,2-b]-1,4-oxazin-9-ol	7961
		(+)-(4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-4-propyl-2H-naphth[1,2-b]-1,4-oxazin-9-ol hydrochloride	7962
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3a,4,4a,6a,7,7a-Hexahydro-2-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]-4,7-etheno-1H-cyclobut[fi]isoindole-1,3(2H)-dione hydrochloride	6818	Hexamethonium Chloride	4272
hexahydropyrazine	1206	N,N,N',N',N'-Hexamethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diaminium dibromide	8854
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Hexahydro-4-[3-[2-(trifluoromethyl)phenothiazin-10-yl]propyl]-1H-1,4-diazepin-1-ethanol	9381	1,1-Hexamethylenebis[5-(p-chloropnehy)biguanide]	6033
Hexahydro-4-[3-[2-(trifluoromethyl)phenothiazin-10-yl]propyl]-1H-1,4-diazepin-1-ethanol difumarate	9382	1,1-Hexamethylenebis[5-(p-chloropnehy)biguanide] diacetate	6034
Hexahydro-4-[3-[2-(trifluoromethyl)phenothiazin-10-yl]propyl]-1H-1,4-diazepin-1-ethanol dihydrochloride	9383	1,1-Hexamethylenebis[5-(p-chloropnehy)biguanide] di-D-gluconate	6035
(4aS,9aS)-2,3,4,4a,9,9a-Hexahydro-2,4a,9-trimethyl-1,2-oxazino[6,5-b]indol-6-yl methylcarbamate	7605	1,1'-Hexamethylenebis[5-(2-ethylhexyl)biguanide] dihydrochloride	6036
(4aS,9aS)-2,3,4,4a,9,9a-Hexahydro-2,4a,9-trimethyl-1,2-oxazino[6,5-b]indol-6-yl methylcarbamate salicylate	7606	α,α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol)	6921, 9594
(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-ol methyl carbamate (ester)	7616, 8743	α,α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol) dihydrochloride	6922, 9595
(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-ol methyl carbamate (ester) salicylate	7617, 8744	α,α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol) sulfate	6923, 9596
(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-ol methyl carbamate (ester) sulfate	7618, 8745	α,α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol) dihydrochloride	7181
(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl heptyl carbamic acid ester	7603	α,α' -[Hexamethylene-bis(iminomethylene)]bis(3,4-dihydroxybenzyl alcohol) sulfate	7182
(3aS-cis)-1,2,3,3a,8,8a-Hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl heptyl carbamic acid ester tartrate (salt)	7604	Hexamethylene monohippurate	2278
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Hydrochloric acid mercury salt (1:1)	8527	Hydromedin	7867
Hydrochloric acid potassium salt (1:1)	9221	Hydromorphone	367
Hydrochloric acid sodium salt	8049, 9228	Hydromorphone Hydrochloride	368
Hydrochloric acid zinc salt (2:1)	6867	Hydromox	4392, 7919
Hydrochlorothiazide	4277, 7877	Hydronsan	2594
Hydrocil Instant	8544	hydroperoxide	6072
Hydrocodin	340	Hydropres	4277, 7877
Hydrocodone	364	Hydropres, component of	4398
Hydrocodone Bitartrate	365	Hydroquinidine	1591
Hydrocodone Bitartrate [anhydrous]	366	Hydroquinidine Hydrochloride	1592
Hydrocodone Polystirex	6409	Hydroquinine	7804
hydroconchinine	1591	Hydroquinone	7805
Hydrocort	8677	hydroquinone calcium sulfate	9894
Hydrocortamate	8675	hydroquinone glucose	7835
Hydrocortamate Hydrochloride	8676	hydroquinone monobenzyl ether	7806
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δ'-hydrocortisone	8707	hydroretrocortine	8707
Hydrocortisone 17-butyrate	8681	Hydrosarpan	4394
Hydrocortisone 21-diethylaminoacetate	8675	Hydroscine hydrobromide	3587
Hydrocortisone 21-(dihydrogen phosphate)	8683	Hydrotricine	2367
Hydrocortisone 21-disodium salt	8686	Hydroxocobalamin	9929
Hydrocortisone 21-(sodium succinate)	8687	3'-Hydroxyacetanilide	653
Hydrocortisone 17-valerate	8688	4'-Hydroxyacetanilide	471, 736, 5895, 5964
Hydrocortisone Aceponate	8678	p-hydroxyacetanilide	471, 5895
Hydrocortisone Acetate	8679	4'-Hydroxyacetanilide salicylate	472, 4515, 5896
Hydrocortisone Buteprate	8680	γ-Hydroxy-β-aminobutyric acid	4523, 6004
Hydrocortisone Butyrate	8681	Hydroxyamphetamine	117, 2750, 8946
Hydrocortisone cyclopentylpropionate	8682	Hydroxyamphetamine Hydrobromide	118, 2751, 8947
Hydrocortisone Cypionate	8682	4-Hydroxyandrost-4-ene-3,17-dione	6826
Hydrocortisone Dihydrogen Phosphate	8683	17β-Hydroxy-5α-androstan-3-one	836
Hydrocortisone Hemisuccinate	8685	17β-Hydroxyandrost-4-en-3-one	838
Hydrocortisone Hemisuccinate [anhydrous]	8684	3β-Hydroxyandrost-5-en-17-one	833
Hydrocortisone hemisuccinate sodium salt	8687	3β-Hydroxyandrost-5-en-17-one sodium sulfate	834
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Hydrocortisone Valerate	8688	p-Hydroxybenzensulfonic acid zinc salt (2:1)	6872
Hydrocortistab	8679	2-Hydroxybenzamide	752, 4751
Hydrocortisyl	8677	(5S)-(-)-[4-Hydroxy-4-(3,4-benzodioxol-5-yl)	
Hydrocortone	8677	piperidin-1-ylmethyl]-3-(4-methoxyphenyl)-	
Hydrocortone Acetate	8679	oxazolidin-2-one	5820
Hydrocortone Phosphate	8686	2-Hydroxybenzoic acid	8485
hydrocupreine ethyl ether	6056	2-Hydroxybenzoic acid bismuth (3+)	
hydrocupreine isopentyl ether	6059	salt, basic	1120, 3426, 8602

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2-Hydroxybenzoic acid 2-carboxyphenyl ester	758, 4757	L-tyrosine	9569, 9581
2-Hydroxybenzoic acid 2-hydroxyethyl ester	4639	L-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-	
2-Hydroxybenzoic acid monoammonium salt	4526, 5659	diiodo-L-tyrosine monosodium salt hydrate	9570
2-Hydroxybenzoic acid monosodium salt	761, 5973	4-Hydroxy-3,5-dimethoxy- α -[(methylamino)	
2-Hydroxybenzoic acid 1-naphthalenyl ester	6105	methyl]benzyl alcohol	97, 4471
2-Hydroxybenzoic acid 2-naphthalenyl ester	4691, 6106	4-Hydroxy-3,5-dimethoxy- α -[(methylamino)	
p-Hydroxybenzoic acid 5-nitrofurfurylidene		methyl]benzyl alcohol hydrochloride	98, 4472
hydrazide	2232	(-)-(S)-2-[4-(β -Hydroxy-3,4-dimethoxyphenethyl)-	
2-Hydroxybenzoic acid phenyl ester	712, 4724, 5961	1-piperazinyl]-2,4,6-cycloheptatrien-1-one	5468
2-Hydroxybenzoic acid zinc salt	6164	(-)-(S)-2-[4-(β -Hydroxy-3,4-dimethoxyphenethyl)-	
2-Hydroxybenzoic acid zinc salt (2:1)	6873	1-piperazinyl]-2,4,6-cycloheptatrien-1-one	
hydroxybenzopyridine	6073	hydrochloride	5469
6-Hydroxy-1,3-benzoxathiol-2-one	1249, 5996	17 β -Hydroxy-7 α ,17-dimethylandroster-4-en-3-one	248
4-(2-Hydroxybenzoyl)morpholine	7584	7-Hydroxy-3,4-dimethylcoumarin ethanesulfonate	2931
o-Hydroxybenzyl alcohol	1025	17 β -Hydroxy-7 α ,17-dimethylestr-4-en-3-one	261, 817
1-Hydroxy-[1,1'-bicyclohexyl]-2-carboxylic		($\pm$)- α -[[2-Hydroxy-1,1-dimethylethyl]amino]	
acid 2-(diethylamino)-1-methylethyl ester	6243	methyl]benzyl alcohol	4618
($\pm$)-Hydroxybis(p-isobutylhydratropato)aluminum	4645	(Z)-7-[(1R,2R,3R)-2-[(E)-(3R)-3-Hydroxy-4,4-	
(5' α)-12'-Hydroxy-2',5'-bis(1-methylethyl)		dimethyl-1-octenyl]-3-methoxy-5-oxocyclopentyl]-	
ergotaman-3',6',18-trione	4959	5-heptenoic acid	6538
endo,endo-1-[(1R)-(2-Hydroxy-3-bornyl)]-3-		(Z)-7-[(1R,2R,3R)-2-[(E)-(3R)-3-Hydroxy-4,4-	
(p-tolylsulfonyl)urea	3345, 3359	dimethyl-1-octenyl]-3-methyl-5-oxocyclopentyl]-	
3-Hydroxybutanal	9283	5-heptenoic acid	8207, 9182
3-Hydroxy-p-butyrophenetidine	518	(11 β ,16 α ,17 β)-11-Hydroxy-16,17dimethyl-17-	
3-Hydroxycamphor	5645	(1-oxopropylandrosta)-1,4-diene-3,20-dione	4880
(1S,2R)-2-[[[(Hydroxycarbamoyl)methyl]		(-)-(3S,4R)-3-Hydroxy-2,2-dimethyl-4-(2-oxo-	
methylcarbamoyl]cyclohexane		1(2H)-pyridyl]-6-chromancarbonitrile	9058
carboxylic acid	26, 4280	(3S,4R)-3-Hydroxy-2,2-dimethyl-4-(2-oxo-1-	
Hydroxychloroquine	1719, 4915, 8605	pyrrolidinyl)-6-chromancarbonitrile	1763, 4300, 9059
Hydroxychloroquine Sulfate	1720, 4916, 8606	(+)-1[(3S,4R)-3-Hydroxy-2,2-dimethyl-6-	
1 α -Hydroxycholecalciferol	9930	(phenylsulfonyl)-4-chrmany]-2-pyrrolidinone	9063
3-hydroxycinchophen	3451	4-Hydroxy-1,1-dimethylpiperidinium bromide	
17-hydroxycorticosterone	8677	benzilate	2786
2-hydroxy-p-cymene	1165	3-Hydroxy-1,1-dimethylpiperidinium bromide	
2-(10-Hydroxydecyl)-5,6-dimethoxy-3-methyl-		benzilate	2765
p-benzoquinone	8992	3-Hydroxy-1,1-dimethylpiperidinyl benzilate	2764
1-[(3R,4R)-4-Hydroxy-L-3,6-diaminohexanoic		3-Hydroxy-1,1-dimethylpyrrolidinium	
acid]viomycin	2361, 2621	bromide α -cyclopentylmandelate	2742
14-hydroxydaunomycin hydrochloride	5003, 5004	3-Hydroxy-1,2-dimethyl-4(1H)-pyridone	7522, 8318
hydroxydaunorubicin hydrochloride	5003, 5004, 5109	1-Hydroxy-4,6-dimethyl-2(1H)-pyridone	3710
hydroxydichloroquinaldinol	6040	($\pm$)-3-Hydroxy-1,1-dimethylpyrrolidinium	
14-hydroxydihydromorphinone	426	bromide α -phenyl-2-thiopheneglycolate	2744
4-Hydroxy-3,5-diiodobenzenesulfonic acid		Hydroxydione	878
mercury salt	6281	Hydroxydione Sodium Succinate	879
4-Hydroxy-3,5-diiodo- α -[1[(1-methyl-3-		endo-3-[(Hydroxydiphenylacetyl)oxy]spiro[8-	
phenylpropyl)amino]ethyl] benzyl alcohol	4156, 9813	azoniabicyclo[3.2.1]octane-8,1'-	
($\pm$)-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-		pyrrolidinium] chloride	2857
diiodotyrosine	4508	2-Hydroxy-1,2-diphenylethanone	9607
DL-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-		(1 α ,2 β ,4 β ,5 α ,7 β)-7-[(Hydroxydi-2-thienyl	
diiodotyrosine	9580	acetyl)oxy]-9,9-dimethyl-3-oxa-9-	
D-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-		azoniatricyclo[3.3.1.0 ^{2,4}]	
diiodotyrosine	4507, 9579	nonane bromide	2833, 7268, 7269
D-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-		17 β -Hydroxyestr-4-en-3-one	818
diiodotyrosine sodium salt	4510	17 β -Hydroxyestr-4-en-3-one 1-adamantane	
12-Hydroxy-9,10-diiodo-9-octadecenoic acid	9218	carboxylate	249
L-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-		17 β -Hydroxyestr-4-en-3-one	
diiodotyrosine	4509	cyclohexanecarboxylate	262, 819
L-O-(4-Hydroxy-3,5-diiodophenyl)-3,5-diiodo-		17 β -Hydroxyestr-4-en-3-one	

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cyclohexanepropionate	263, 820	[[1-(1-iminoethyl)-3-pyrrolidinyl]thio]-7-oxo-	
17β-Hydroxyestr-4-en-3-one decanoate	264, 821	1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid	2081
17β-Hydroxyestr-4-en-3-one dodecanoate	265, 822	[5R-[5α,6α(R*)]]-6-(1-Hydroxyethyl)-3-[[2-	
17β-Hydroxyestr-4-en-3-one furylpropionate	266, 823	[(iminomethyl)amino]ethyl]thio]-7-oxo-1-	
17β-Hydroxyestr-4-en-3-one hydrocinnamate	267, 824	azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid	2053
17β-Hydroxyestr-4-en-3-one		[5R-[5α,6α(R*)]]-6-(1-Hydroxyethyl)-3-[[2	
p-Hexyloxyphenylpropionate	268, 825	[(iminomethyl)amino]ethyl]thio]-7-oxo-1-	
17β-Hydroxyestr-4-en-3-one propionate	269, 826	azabicyclo[3.2.0]hept-2-ene-2-carboxylic	
16α-Hydroxyestrone diacetate	8110	acid monohydrate	2054
3-Hydroxyestra-1,3,5(10)-17-one	8132	(±)-N-(2-Hydroxyethyl)-p-isobutylhydratropamide	646
3-Hydroxyestra-1,3,5(10)-17-one acetate	8133	(±)-N-(2-Hydroxyethyl)-2-[4-(2-methylpropyl)	
3-Hydroxyestra-1,3,5(10)-17-one methyl ether	8134	phenyl]propionamide	4673
3-Hydroxyestra-1,3,5(10)-17-one propionate	8135	2-Hydroxyethyl 3-methyl-2-quinoxaline	
3-Hydroxyestra-1,3,5(10)-17-one sulfate		carboxylate 1,4-dioxide	8258
piperazine (salt)	8136	5-Hydroxyethyl-4-methylthiazole	9371
3-Hydroxyestra-1,3,5,7,9-pentaen-17-one	8116	N-(2-Hydroxyethyl)nicotinamide	
3-Hydroxyestra-1,3,5(10),7-tetraen-17-one	8117	nitrate (ester)	1441, 9061, 9772
17β-Hydroxyestra-4,9,11-trien-3-one	280	2-Hydroxyethyl nicotinate 2-(p-chlorophenoxy)-	
17β-Hydroxyestra-4,9,11-trien-3-one acetate	281	2-methylpropionate (ester)	4052
2-Hydroxyethanesulfonic acid compound		1-(2-Hydroxyethyl)-3-[[5-nitrofurfurylidene)	
with 4,4'-[1,3-propanediylbis(oxy)]bis[3-bromo		amino]-2-imidazolidinone	2224
benzenecarboximidamide] (2:1)	6052	N-(2-Hydroxyethyl)-α-(5-nitro-2-furyl)nitron	2223
2-(2-Hydroxyethoxy)ethyl-N-(α,α,α-trifluoro-m-		1-Hydroxyethyl-(1S,5S,8aS,8bR)-1,2,5,6,7,8,	
tolyl)anthranilate	585, 4604	8a,8b-octahydro-1-[(R)-1-hydroxyethyl]-5-	
4-(2-Hydroxyethoxy)-3-methoxycinnamic acid	8347	methoxy-2-oxoazeto[2,1-a]isoindole-4-	
(±)-4-(1-Hydroxyethoxy)-2-methyl-N-2-pyridyl-		carboxylic acid cyclohexyl carbonate (ester)	2128
2H-1,2-benzothiazine-3-carboxamide		(5R,6S)-6-[(1R)-1-Hydroxyethyl]-7-oxo-3-[[3(S)-	
ethyl carbonate (ester)	4527	tetrahydro-3-thienyl]thio]-4-thia-1-azabicyclo	
(±)-4-(1-Hydroxyethoxy)-2-methyl-N-2-pyridyl-		[3.2.0]hept-2-ene-2-carboxylic acid	2136
2H-1,2-benzothiazine-3-carboxamide		β-hydroxyethyl phenyl ether	6123
ethyl carbonate (ester) 1,1-dioxide	4810	(±)-1-(2-Hydroxyethyl)-2',6'-pipecoloxylidide	1576
N-(2-Hydroxyethyl)cinnamamide	8856	3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl DL-4-	
2-(Hydroxyethyl)diisopropylmethylammonium		benzamido-N,N-dipropylglutamate 1-	
bromide xanthene-9-carboxylate	2811	(p-chlorobenzoyl)-5-methoxy-2-methyl	
(2-Hydroxyethyl)dimethyl sulfonium iodide		indole-3-acetate (ester)	4737
α-phenyl cyclohexaneacetate	6210	3-[4-(2-Hydroxyethyl)-1-piperazinyl]	
(±)-1-Hydroxyethyl 2-ethoxy-1-[p-(o-1H-		propyl DL-4-benzamido-N,N-dipropyl	
tetrazol-5-ylphenyl)benzyl]-7-benz-		glutamate 1-(p-chlorobenzoyl)-5-	
imidazolecarboxylate cyclohexylcarbonate (ester)	1037	methoxy-2-methylindole-3-acetate (ester)	
β-hydroxyethylamine	9265	dimalate	4738
2-hydroxyethylamine	9265	10-[3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl]	
2-Hydroxyethyl benzylcarbamate	2914, 5707	phenothiazin-2-yl methyl ketone	5687
2-(1-Hydroxyethyl)-β-(hydroxymethyl)-3-		10-[3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl]	
methyl-5-benzofuranacrylic acid γ-lactone		phenothiazin-2-yl methyl ketone maleate (1:2)	5688
hydrogen succinate	9725	1-[10-[3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl]	
(2R,3R,4R,5S)-1-(2-Hydroxyethyl)-2-(hydroxy-		phenothiazin-2-yl)-1-propanone	5712
methyl)-3,4,5-piperidinetriol	237	1-[10-[3-[4-(2-Hydroxyethyl)-1-piperazinyl]propyl]	
(1-Hydroxyethylidene)		phenothiazin-2-yl)-1-propanone dimalate (1:2)	5713
diphosphonic acid	5420, 5441, 7095, 7379	10-[3-[4-(2-Hydroxyethyl)piperidino]propyl]-	
3-(2-Hydroxyethylidene)-7-oxo-4-oxa-1-		N,N-dimethylphenothiazine-2-sulfonamide	5834
azabicyclo[3.2.0]heptane-2-		10-[3-[4-(2-Hydroxyethyl)piperidino]propyl]-	
carboxylic acid	2028, 2633	N,N-dimethylphenothiazine-2-sulfonamide	
2,2'-[(2-Hydroxyethyl)imino]bis[N-(α,α-		palmitate (ester)	5835
dimethylphenethyl)-N-methylacetamide]	983	10-[3-[4-(2-Hydroxyethyl)piperidino]propyl]-	
2,2'-[(2-Hydroxyethyl)imino]bis[N-(α,α-		N,N-dimethylphenothiazine-2-sulfonamide undecylenate	
dimethylphenethyl)-N-methylacetamide]		(ester)	5836
hydrochloride	984	1-[10-[3-[4-(2-Hydroxyethyl)-1-piperidinyl]	
[5R-[3(S*),5α,6α(R*)]]-6-(1-Hydroxyethyl)-3		propyl]-10H-phenothiazin-2-yl]ethanone	5833

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N-Hydroxyethylpromethazine Hydrochloride	3962	sulfonanilide hydrochloride	8878, 9850
2-hydroxyethyl salicylate	4639	N-[(1S,2S)-2-Hydroxy-1-(hydroxymethyl)	
2-(Hydroxyethyl)trimethylammonium salicylate	533, 5921	heptadecyl]acetamide	5667
(2-Hydroxyethyl)trimethylammonium citrate	8595	[[5-Hydroxy-4-(hydroxymethyl)-6-methyl-3-	
N-(2-Hydroxyethyl)-N,N,α-trimethyl-10H-		pyridyl]methoxy]glycolic acid compound	
phenothiazine-10-ethanaminium chloride	3962	with [[4,5-bis(hydroxymethyl)-2-methyl-3-	
Hydroxyethyl starch	9054	pyridyl]oxy]glycolic acid (1:1)	9003
15-Hydroxyfilipin III	3688	17β-Hydroxy-2-(hydroxymethylene)-17-methyl-	
[3-(N-Hydroxyformamido)propyl]phosphonic acid	2267	5α-androstan-3-one	832
Hydroxyhexamide	3365	(E,Z)-(1R,2R,3R)-7-[3-Hydroxy-2-[(3R)-(3-	
1-[(R)-5-Hydroxyhexyl]theobromine	8414	hydroxy-3-methyl-1-octenyl]-5-	
p-Hydroxyhydrocinnamic acid trans-4-		oxocyclopentyl]-5-heptenoic acid	6461, 8191, 9150
(aminomethyl)cyclohexanecarboxylate	6468, 7748	(E)-7-[(1R,2R,3R)-3-Hydroxy-2-[(E)-(3S,5S)-3-	
p-Hydroxyhydrocinnamic acidtrans-4-		hydroxy-5-methyl-1-nonenyl]-5-oxo	
(aminomethyl)cyclohexanecarboxylate		cyclopentyl]-2-heptenoic acid	9165
hydrochloride	6469, 7749	(E)-7-[(1R,2R,3R)-3-Hydroxy-2-2[(E)(3S,5S)-3-	
(Z)-7-[(1R,2R,3R)-3-Hydroxy-2-[(E)-(3R)-3-		hydroxy-5-methyl-1-nonenyl]-5-oxo	
hydroxy-4,4-dimethyl-1-octenyl]-5-		cyclopentyl]-2-heptenoic acid	1429
methylenecyclopentyl]-5-heptenoic acid	9034, 9167	Erythro-p-hydroxy-α-[1-[(p-hydroxyphenethyl)	
(±)-p-[1-Hydroxy-4-[4-(hydroxydiphenyl		amino)ethyl]benzyl alcohol	6957, 8909, 9597
methyl]piperidino]butyl]-α-methyl		Erythro-p-hydroxy-α-[1-[(p-hydroxyphenethyl)	
hydratropic acid	3929	amino)ethyl]benzyl alcohol	
(±)-p-[1-Hydroxy-4-[4-(hydroxydiphenyl		hydrochloride	6958, 8910, 9598
methyl]piperidino]butyl]-α-methyl		[1R[1α(Z),2β(1E,3R*),3α)]-7-[3-Hydroxy-	
hydratropic acid hydrochloride	3930	2-(3-hydroxy-4-phenoxy-1-butenyl)-5-	
7-Hydroxy-2-[2-[(2-hydroxyethyl)amino]		oxocyclopentyl]-N-(methylsulfonyl)-5-	
ethyl]-5-[[2-[(2-hydroxyethyl)amino]ethyl]		heptenamide	8
amino]anthra[1,9-cd]pyrazol-6(2H)-one	5196	(±)-N-[2-[[2-Hydroxy-3-(p-hydroxyphenoxy)	
7-Hydroxy-2-[2-[(2-hydroxyethyl)amino]ethyl]-5-		propyl]amino]ethyl]-4-morpholine	
[[2-[(2-hydroxyethyl)amino]ethyl]amino]		carboxamide	6974, 7515
anthra[1,9-cd]pyrazol-6(2H)-one		(±)-N-[2-[[2-Hydroxy-3-(p-hydroxyphenoxy)	
dihydrochloride hemihydrate	5197	propyl]amino]ethyl]-4-morpholine	
7-[2-Hydroxy-3-[(2-hydroxyethyl)methylamino]		carboxamide fumarate (2:1) (salt)	6975, 7516
propyl]theophylline nicotinate	9882	6-Hydroxy-2-(p-hydroxyphenyl)benzo[b]	
(2R,3R,4R)-4-Hydroxy-2-(7-hydroxyheptyl)-3-[(E)-		thien-3-yl-p-(2-piperidinoethoxy)	
(4RS)-(4-hydroxy-4-methyl-1-octenyl)]		phenyl ketone	3615, 5426
cyclopentanone	6519, 8202	6-Hydroxy-2-(p-hydroxyphenyl)benzo[b]	
(2R,3R,4R)-4-Hydroxy-2-[(7-hydroxyheptyl)-3-		thien-3-yl-p-(2-piperidinoethoxy)phenyl	
[(E)-(4RS)-(4-hydroxy-4-methyl-1-octenyl)]		ketone hydrochloride	3616, 5427
cyclopentanone	9178	(R)-p-Hydroxy-α-[[[(R)-3-(p-hydroxyphenyl)-1-	
2'-Hydroxy-5'-[1-hydroxy-2-(isopropylamino)		methylpropyl]amino]methyl]benzyl alcohol	7428
ethyl]methanesulfonamide	6962, 7246	(E,Z)-(1R,2R,3R,5S)-7-[3-Hydroxy-2-[(3S)-(3-	
2'-Hydroxy-5'-[1-hydroxy-2-(isopropylamino)		hydroxy-1-octenyl]-5-oxocyclopentyl]-5-	
ethyl]methanesulfonamide		heptenoic acid	9042
monohydrochloride	6963, 7247	(1R,2R,3R)-3-Hydroxy-2-[(E)-(3S)-3-hydroxy-	
(±)-Erythro-8-Hydroxy-5-[1-hydroxy-2-(isopropylamino)		1-octenyl]-5-oxocyclopentane	
butyl]carbostyryl	6949, 6950, 7224, 7225	heptanoic acid	9174, 9666, 9798
(±)-2'-Hydroxy-5'-[(RS)-1-hydroxy-2-[(RS)-		(E,Z)-(1R,2R,3R)-7-[3-Hydroxy-2-[(3S)-(3-	
p-methoxy-α-methylphenyl]amino]ethyl]		hydroxy-1-octenyl]-5-oxocyclopentyl]-5-	
formanilide	6919, 7178	heptenoic acid	9175
(±)-2'-Hydroxy-5'-[(RS)-1-hydroxy-2-[(RS)-		(Z)-7-[(1R,2R,3R)-3-Hydroxy-2-[(E)-(3R)-3-	
p-methoxy-α-methylphenyl]amino]		hydroxy-4-phenoxy-1-butenyl]-5-oxocyclo-	
ethyl]formanilide fumarate dihydrate	6920, 7179	pentyl]-N-(methylsulfonyl)-5-heptenamide	9180
2'-Hydroxy-5'-[1-hydroxy-2-[(p-methoxy		5-[1-Hydroxy-2-[[2-(4-hydroxyphenyl)-1-	
phenethyl]amino]propyl]methane		methylethyl]amino]ethyl]-1,3-	
sulfonanilide	8877, 9849	benzenediol	6915, 7171, 9591
2'-Hydroxy-5'-[1-hydroxy-2-[(p-methoxy		5-[1-Hydroxy-2-[[2-(4-hydroxyphenyl)-1-	
phenethyl]amino]propyl]methane		methylethyl]amino]ethyl]-1,3-benzenediol	

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hydrobromide	6916, 7172, 9592	4'-[1-Hydroxy-2-(isopropylamino)ethyl]methane	
5-[1-Hydroxy-2-[[2-(4-hydroxyphenyl)-1-methylethyl]amino]ethyl]-1,3-benzene-diol hydrochloride	9593	sulfonanilide monohydrochloride	1471, 4408, 7074
(±)-all-rac-p-Hydroxy-α-[[[3-(p-hydroxyphenyl)-1-methylpropyl]amino]methyl]benzyl alcohol	8250	8-Hydroxy-α-[(isopropylamino)methyl]-5-quinolinemethanol	7234
(±)-all-rac-p-Hydroxy-α-[[[3-(p-hydroxyphenyl)-1-methylpropyl]amino]methyl]benzyl alcohol hydrochloride	8251	8-Hydroxy-α-[(isopropylamino)methyl]-5-quinolinemethanol sulfate (2:1)	7235
4-Hydroxy-3-[(2S)-2-[(1S,2S,6R)-2-[(1E)-3-hydroxy-2-[(2R,3R,6S)-tetrahydro-3-methyl-6-[(1E,3S)-3-[(2R,3S,5R)-tetrahydro-5-[(1S)-1-methoxyethyl]-3-methyl-2-furyl]-1-butenyl]-2H-pyran-2-yl]propenyl]-6-methylcyclohexyl]propionyl]-2(5H)-furanone	2299	4'-[2-Hydroxy-3-(isopropylamino)propoxy]acetanilide	1640, 7065
(1-Hydroxy-2-imidazol-1-ylethylidene diphosphonic acid monohydrate	5437, 5451	7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuranyl methyl ketone	3789, 6986
4'-[(2S)-2-Hydroxy-3-[[2-(p-imidazol-1-ylphenoxy)ethyl]amino]propoxy]methanesulfonanilide	1584	7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuranyl methyl ketone hydrochloride	3790, 6987
4-[3-(Hydroxyimino)cyclohexyl]-α-methylbenzeneacetic acid	4796	(R)-(+)-7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuanyl methyl ketone hydrochloride	3791, 6988
2-[(Hydroxyimino)methyl]-1-methylpyridinium chloride	7632	(S)-(-)-7-[2-Hydroxy-3-(isopropylamino)propoxy]-2-benzofuanyl methyl ketone hydrochloride	3792, 6989
2-[(Hydroxyimino)methyl]-1-methylpyridinium iodide	7633	8-[2-Hydroxy-3-(isopropylamino)propoxy]-3-chromanol	1447, 4348, 7054
2-[(Hydroxyimino)methyl]-1-methylpyridinium mesylate	7634	(±)-1-[p-[2-Hydroxy-3-(isopropylamino)propoxy]phenethyl]-3-isopropylurea	7058
6-[(Hydroxyimino)phenylmethyl]-1-[(1-methylethyl)sulfonyl]-1H-benzimidazol-2-amine	6586, 6663	2-[p-[2-Hydroxy-3-(isopropylamino)propoxy]phenyl]acetamide	1372, 1517, 4127, 6985
[4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]acetic acid	4511	3-Hydroxy-1-isopropyl-5,6-indolinedione 5-semicarbazone	4971
4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodobenzoic acid acetate	4018	3α-Hydroxy-8-isopropyl-1αH,5αH-tropanium bromide (±)-tropate	7187
L-3-[4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]alanine	4501, 9572	3α-Hydroxy-8-isopropyl-1αH,5αH-tropanium bromide (±)-tropate monohydrate	7186
L-3-[4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]alanine hydrochloride	4502	(8R)-3α-Hydroxy-8-isopropyl-1αH,5αH-tropanium bromide	1601
L-3-[4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]alanine monosodium salt	4503	(8R)-3α-Hydroxy-8-isopropyl-1αH,5αH-tropanium bromide (±)-tropate monohydrate	2757
8-Hydroxy-7-iodo-5-quinolinesulfonic Acid Hydroxyiodo[(3,4,5-trihydroxybenzoyl)oxy]bismuthine	1337	(8R)-3α-Hydroxy-8-isopropyl-1αH,5αH-tropanium bromide α-phenylcyclopentaneacetate	1878
(+)-(S)-4'-[1-hydroxy-2-(isopropylamino)ethyl]methanesulfonanilide	1563	Hydroxylapatite	9205
(+)-(S)-4'-[1-Hydroxy-2-(isopropylamino)ethyl]methanesulfonanilide monohydrochloride	1564	Hydroxylurea	5167
4'-[1-Hydroxy-2-(isopropylamino)ethyl]methane sulfonanilide	4407	hydroxymaprotiline	3228
4'-[1-Hydroxy-2-(isopropylamino)ethyl]methane sulfonanilide hydrochloride	1670	(-)-hydroxymaprotiline	3166
4'-[1-Hydroxy-2-(isopropylamino)ethyl]methane sulfonanilide	7073	17-Hydroxy-7α-mercapto-3-oxo-17α-pregn-4-ene-21-carboxylic acid γ-lactone acetate	80, 7924
4'-[1-Hydroxy-2-(isopropylamino)ethyl]methane sulfonanilide	1470	[2-Hydroxy-3-mercapto-1-propane-sulfonato(2-)-O ² ,S ³]-aurate(1-) calcium (2:1)	1704
		N-[[3-(Hydroxymercuri)-2-methoxypropyl]carbamoyl]succinamic acid compound with theophylline	7884
		3-[[3-(Hydroxymercuri)-2-methoxypropyl]carbamoyl]-1,2,2-trimethylcyclopentane carboxylic acid	7885
		hydroxymesterone	8689
		2-Hydroxy-4-methoxy-4'-methylbenzophenone	9641
		2-Hydroxy-4-methoxybenzophenone	9646
		N-(4-hydroxy-3-methoxybenzyl)-8-methylnon-trans-6-enamide	526
		1β-Hydroxy-2+[b-methoxy-18-norandrost-5,8,11,13-tetraeno[6,5,4-bc]furan-3,7,17, trione	3780

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(±)-5-[1-Hydroxy-2-[[2-(o-methoxyphenoxy)ethyl]amino]ethyl]-o-toluene-sulfonamide	198, 4120, 6980	methylamino)propyl]pyrrolidin-3-ylthio]-6-[(R)-1-hydroxyethyl]-1-methyl-1-carbapen-	2057
(±)-5-[1-Hydroxy-2-[[2-(o-methoxyphenoxy)ethyl]amino]ethyl]-o-toluene-sulfonamide hydrochloride	199, 4121, 6981	2-em-3-carboxylic acid	814
(±)-4-[2-Hydroxy-3-(o-methoxyphenoxy)propyl]-1-piperazineaceto-2',6'-xylidide	1466	17β-Hydroxy-17α-methylandrosta-1,4-dien-3-one	239
(±)-4-[2-Hydroxy-3-(o-methoxyphenoxy)propyl]-1-piperazineaceto-2',6'-xylidide dihydrochloride	1467	17β-Hydroxy-17α-methyl-5α-androstan-3-one	813
(E)-N-[(4-Hydroxy-3-methoxyphenyl)-methyl]-8-methyl-6-nonenamide	526	17β-Hydroxy-17α-methyl-5α-androstan-3-one	812
N-[(4-Hydroxy-3-methoxyphenyl)methyl]-9-octadecenamide	696	17β-Hydroxy-17α-methyl-5α-androst-4-en-3-one	816
4-Hydroxy-α-[[[3-(p-methoxyphenyl)-1-methylpropyl]amino]methyl]-3-(methylsulfinyl)benzyl alcohol	4412, 7076	17β-Hydroxy-1-methyl-5α-androst-1-en-3-one	257
4-Hydroxy-α-[[[3-(p-methoxyphenyl)-1-methylpropyl]amino]methyl]-3-(methylsulfinyl)benzyl alcohol hydrochloride	4413, 7077	17β-Hydroxy-2-methyl-5α-androst-1-en-3-one	278
(3β,16β,17α,18β(E),20α)-18-[[[3-(4-Hydroxy-3-methoxyphenyl)-1-oxo-2-propenyl]oxy]-11,17-dimethoxyyohimban-1-6carboxylic acid methyl ester	4396	17β-Hydroxy-1-methyl-5α-androst-1-en-3-one 17-acetate	258
(±)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol	6909, 7154, 8942	17β-Hydroxy-2-methyl-5α-androst-1-en-3-one acetate	279
(±)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol hydrochloride	6910, 7157, 8943	17β-Hydroxy-1-methyl-5α-androst-1-en-3-one 17-heptanoate	259
(R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol	6905, 7153, 8941	1,8-Hydroxy-3-methyl-9-anthrone	5668
(R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol [R-(R*,R*)]-2,3-dihydroxybutanedioate (1:1) (salt)	6906, 7155, 8944	[1R-(exo,exo)]-3-Hydroxy-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic acid hydrochloride	946
(R)-4-[1-Hydroxy-2-(methylamino)ethyl]-1,2-benzenediol hydrochloride	6907, 7156, 8945	[1R*-(exo,exo)]-3-Hydroxy-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic acid	945
3'-[1-Hydroxy-2-(methylamino)ethyl]methanesulfonanilide	7765	l-[1R-(exo,exo)]-3-Hydroxy-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic acid	947
3'-[1-Hydroxy-2-(methylamino)ethyl]methanesulfonanilide monomethanesulfonate (salt)	7766	[7(5)-(1α,2β,4β,5α,7β)]-(Hydroxymethyl)benzeneacetic acid 9-methyl-3-oxa-9-azatricyclo[3.3.1.0 ^{2,4}]non-7-yl ester	3586
3'-[1-Hydroxy-2-(methylamino)ethyl]methanesulfanilamide	85	[7(S)-(1α,2β,4β,5α,7β)]-(Hydroxymethyl)benzeneacetic acid 9-methyl-3-oxa-9-azatricyclo[3.3.1.0 ^{2,4}]non-7-yl ester hydrobromide trihydrate	3587
3'-[1-Hydroxy-2-(methylamino)ethyl]methanesulfanilamide monomethanesulfonate salt	86	Hydroxymethylbenzenesulfonic acid polymer with formaldehyde	6107
(R)-3-Hydroxy-α-[(methylamino)methyl]benzenemethanol	7788, 8948	7-Hydroxy-4-methyl-2H-1-benzopyran-2-one	6213, 7571
(R)-3-Hydroxy-α-[(methylamino)methyl]benzenemethanol hydrochloride	7789, 8949	7-Hydroxy-4-methyl-2H-1-benzopyran-2-one O,O-diethyl phosphorothioate	6214, 7572
(R)-2-Hydroxy-α-[(methylamino)methyl]-1,3,2-benzodioxaborole-5-methanol	6908, 7158	4'-[[[(Hydroxymethyl)carbamoyl]sulfamoyl]phthalanilic acid	2472
(-)-m-Hydroxy-α-[(methylamino)methyl]benzyl alcohol hydrochloride	157	4'-[[[(Hydroxymethyl)carbamoyl]sulfamoyl]phthalanilic acid calcium salt (2:1)	2473
[2R-[1(S*),2R*,3S*]]-N ⁴ -Hydroxy-N ¹ -[2-(methylamino)-2-oxo-1-(phenylmethyl)ethyl]-2-(2-methylpropyl)-3-[(2-thienylthio)methyl]butanediamide	5039	3-hydroxymethylchrysazine	8492
(1R,5S,6S)-2-[(3S,5S)-5-[(R)-1-Hydroxy-3-(N-methylamino)propyl]pyrrolidin-3-ylthio]-6-[(R)-1-hydroxyethyl]-1-methyl-1-carbapen-		1-(Hydroxymethyl)cyclohexaneacetic acid	7693
		(±)-Hydroxymethyl methyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate butyrate (ester)	4198
		2-(Hydroxymethyl)-2,3-dimethylpentyl isopropylcarbamate carbamate (ester)	6771, 9409
		2-(Hydroxymethyl)-1,1-dimethylpiperidinium benzilate	7124
		2-(Hydroxymethyl)-1,1-dimethylpiperidinium methyl sulfate benzilate	2678, 6172, 7125
		2-(Hydroxymethyl)-1,1-dimethylpyrrolidine benzilate	2802
		2-(Hydroxymethyl)-1,1-dimethylpyrrolidinium methyl sulfate benzilate	2803
		3-(Hydroxymethyl)-5,5-diphenylhydantoin disodium phosphate (ester)	2943
		10-Hydroxy-2-methyl-5-(1-methylethyl)-1-	

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[2-(1-methylethyl)-4-thiazolylmethyl ester of 2,4,7,12-tetraazatridecan-13-oic acid	6634	amino]-3'-methoxypropiophenone hydrochloride	1453
(Hydroxymethylene)diphosphonic acid	7386	4-Hydroxy- α -[1-[(1-methyl-2-phenoxyethyl) amino]ethyl]benzyl alcohol	9844
(Hydroxymethylene)diphosphonic acid sodium salt	7387	4-Hydroxy- α -[1-[(1-methyl-2-phenoxyethyl) amino]ethyl]benzyl alcohol hydrochloride	9845
9-Hydroxy-2-methylellipticinium acetate	5122	4-[2-[[2-Hydroxy-3-(2-methylphenoxy)propyl] amino]ethoxy]benzamide	1476, 9790
17 α -Hydroxy-6-methyl-16-methylenepregna-4,6-diene-3,20-dione	9107	[R-(R*,R*)]-(5' α)-2,3-12'-Hydroxy-2'-methyl-5'-(phenylmethyl)ergotoman-3',6',18-trione dihydroxybutanedioate (2:1) (salt)	4965
17 α -Hydroxy-6-methyl-16-methylenepregna-4,6-diene-3,20-dione acetate	9108	2-(Hydroxymethyl)phenyl- β -D-glucopyranoside	751
17-Hydroxy-16-methylene- Δ^6 -progesterone	9096	2-(Hydroxymethyl)phenyl- β -D-glucopyranoside 6-benzoate	727
17-Hydroxy-16-methylene- Δ^6 -progesterone acetate	9097	(5' α)-12'-Hydroxy-2'-methyl-5'-(phenylmethyl) ergotoman-3',6',18-trione	4964, 9486
17 β -Hydroxy-7 α -methylestr-4-en-3-one	846	(5' α)-12'-Hydroxy-2'-methyl-5'-(phenylmethyl) ergotoman-3',6',18-trione [R-(R*,R*)]-2,3-dihydroxybutanedioate (2:1) (salt)	9487
17 β -Hydroxy-7 α -methylestr-4-en-3-one acetate	847	12'-Hydroxy-2'-methyl-5' α -(phenylmethyl) ergotaman-3',6',18-trione	575
17 β -Hydroxy-17 α -methylestra-4,9,11-trien-3-one	260	12'-Hydroxy-2'-methyl-5' α -(phenylmethyl) ergotaman-3',6',18-trione [R-(R*,R*)]-2,3-dihydroxybutanedioate (2:1) salt	577
[5' α (S)]-12'-Hydroxy-2'-(1-methylethyl)-5'-(1-methylpropyl)ergotaman-3',6',18-trione	4962	12'-Hydroxy-2'-methyl-5' α -(phenylmethyl) ergotaman-3',6',18-trione succinate	576
(5' α)-12'-Hydroxy-2'-(1-methylethyl)-5'-(2-methylpropyl)ergotaman-3',6',18-trione	4961	p-Hydroxy- α -[1-[(methyl-3-phenylpropyl) amino]ethyl]benzyl alcohol	9865
3-Hydroxy-3-methylglutaric acid	4067	p-Hydroxy- α -[1-[(methyl-3-phenylpropyl) amino]ethyl]benzyl alcohol hydrochloride	9866
3-Hydroxy-1-methyl-5,6-indolinedione semicarbazone compound with sodium salicylate	8311	5-[1-Hydroxy-2-[(1-methyl-3-phenylpropyl) amino]ethyl]salicylamide	214, 4295, 7034
4-Hydroxy-2-methyl-N-(5-methyl-3-isoxazolyl)-2H-1,2-benzothiazine-3-carboxamide	4658	(-)-5-[[1(R)-1-Hydroxy-2-[[1(R)-1-methyl-3-phenyl propyl]amino]ethyl]salicylamide	4215, 7025
2-(Hydroxymethyl)-2-methylpentyl cyclopropane carbamate carbamate (ester)	8868	5-[1-Hydroxy-2-[(1-methyl-3-phenylpropyl) amino]ethyl]salicylamide hydrochloride	215, 4296, 7035
2-(Hydroxymethyl)-2-methylpentylbutylcarbamate carbamate	6814	(-)-5-[[1(R)-1-Hydroxy-2-[[1(R)-1-methyl-3-phenylpropyl]amino]ethyl] salicylamide monohydrochloride	4216, 7026
2-(Hydroxymethyl)-1-methylpiperidinium benzilate	2677	3-Hydroxy-2-methyl-5-[(phosphonoxy)methyl]-4-pyridinecarboxaldehyde hydrate	8092
1-Hydroxymethyl-3-methyl-2-thiourea	6112	3 α -Hydroxy-3-methyl-5 α -pregnan-20-one	2946
4-Hydroxy-2-methyl-N-(5-methyl-2-thiazolyl)-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide	4677	(6 α ,11 β)-11-Hydroxy-6-methylpregna-1,4-diene-3,20-dione	4844
($\pm$)-3-Hydroxy-N-methylmorphinan	455	(6 α ,11 β)-11-Hydroxy-6-methylpregn-4-ene-3,20-dione	8689
3-(Hydroxymethyl)-1-[(5-nitrofurfurylidene) amino]hydantoin	2241	17-Hydroxy-9-norpregn-4-ene-3,20-dione hexanoate	9093
3-(Hydroxymethyl)-1-[[3-(5-nitro-2-furyl)allylidene] amino]-2-imidazolidinone	2229	17-Hydroxy-6-methylpregna-4,6-diene-3,20-dione acetate	9106
17-Hydroxy-6-methyl-19-norpregna-4,6-diene-3,20-dione	7734, 9111	17-Hydroxy-6 α -methylpregn-4-en-3,20-dione	7731
17-Hydroxy-11 β -methyl-19-norpregn-4-ene-3,20-dione acetate	9117	17-Hydroxy-6 α -methylpregn-4-en-3,20-dione acetate	7732
(1R,2S)-2-(3-Hydroxy-3-methyloctyl)-5-oxo cyclopentaneheptanoic acid	8193	17 α -Hydroxy-6 α -methylpregn-4-ene-20-one	9069
(1R*,2R*)-2-[(E)-3-Hydroxy-3-methyl-1-octyl]-5-oxocyclopentaneheptanoic acid	7143	17 α -Hydroxy-6 α -methylpregn-4-ene-20-one acetate	9070
17 β -Hydroxy-17 α -methyl-2-oxa-5 α -androstan-3-one	830	17 α -Hydroxy-6 α -methylprogesterone	9104
[R-(E,E,E)]-1-(8-Hydroxy-6-methyl-1-oxo-2,4,6-dodecatrienyl)-2-pyrrolidone	3740	17 α -Hydroxy-6 α -methylprogesterone acetate	9105
3-(hydroxymethyl)-8-oxo-7-[2-(4-pyridylthio) acetamido]-5-thia-1-azabicyclo [4.2.0]oct-2-ene 2-carboxylic acid acetate monosodium salt	2024	2-Hydroxy-2-methylpropyl 4-(4-amino-6,7,8-trimethoxy-2-quinazolinyl)-1-piperazine carboxylate	232, 4443
(DL)-3-[[[(α S, β R)- β -Hydroxy- α -methylphenethyl] amino]-3'-methoxypropiophenone	6942, 7490		
(L)-3-[[[(α S, β R)- β -Hydroxy- α -methylphenethyl] amino]-3'-methoxypropiophenone	6943, 7491		
3-[[[(α S, β R)- β -Hydroxy- α -methylphenethyl] amino]-3'-methoxypropiophenone	1452, 6941, 7489		
3-[[[(α S, β R)- β -Hydroxy- α -methylphenethyl]			

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2-Hydroxy-2-methylpropyl 4-(4-amino-6,7,8-trimethoxy-2-quinazolinyl)-1-piperazine carboxylate monohydrochloride monohydrate	233, 4444	bromide mandelate	2749
2-Hydroxy-2-methylpropyl 4-(6,7-dimethoxy-4-quinazolinyl)-1-piperazine carboxylate	7184	3 α -Hydroxy-8-methyl-1 α H,5 α H-tropanium methyl sulfate (salt) ($\pm$)-ethyl hydrogen phenylmalonate	2826
2-Hydroxy-2-methylpropyl 4-(6,7-dimethoxy-4-quinazolinyl)-1-piperazine carboxylate monohydrochloride	7185	3-Hydroxy- α -methyl-L-tyrosine	4316
2-(Hydroxymethyl)pyrazolo[1,5-c]quinazolin-5(6H)-one	1287	3-Hydroxy- α -methyl-L-tyrosine ethyl ester hydrochloride	4317
5-Hydroxy-6-methyl-3,4-pyridinedimethanol hydrochloride	3585, 8093, 9957	N-[(2R,3R)-2-Hydroxy-3-methylvaleryl]-N-methyl-L-valyl-L-phenylalanyl-N-methyl-L-phenylalanyl-L-prolyl-L-alloisoleucyl-N-methyl-L-valyl-L-leucyl-3-hydroxy-N-methyl-L-valine α_1 -lactone	3635
3-Hydroxy-1-methylpyridinium bromide dimethylcarbamate	2818	13-Hydroxy-3-oxo-13,17-secoandrosta-1,4-dien-17-oic acid δ -lactone	5345
3-Hydroxy-1-methylpyridinium bromide hexamethylenebis-(N-methylcarbamate)	7625	3 β -Hydroxy-11-oxoolean-12-en-30-oic acid hydrogen cis-1,2-cyclohexanedicarboxylate	6567
4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide	723, 4730	3 β -Hydroxy-11-oxoolean-12-en-30-oic acid hydrogen succinate	6466, 7746
4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide cinnamic acid ester	724, 4731	3 β -Hydroxy-11-oxoolean-12-en-30-oic acid hydrogen succinate disodium salt	6467, 7747
4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide compound with β -cyclodextrin	726, 4732	4-Hydroxy-2-oxo-1-pyrrolidineacetamide	9001
4-Hydroxy-2-methyl-N-2-pyridinyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide compound with 2-aminoethanol	725, 4733	(-)-3-Hydroxymorphinan	414
[6R-[6 α ,7 β (R*)]]-7-[[[(4-Hydroxy-6-methyl-3-pyridinyl)carbonyl]amino](4-hydroxyphenyl)acetyl]amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1978	hydroxymycin	1857
[6R-[6 α ,7 β (R*)]]-7-[[[(4-Hydroxy-6-methyl-3-pyridinyl)carbonyl]amino](4-hydroxyphenyl)acetyl]amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid sodium salt	1979	β -hydroxynaphthalene	1193
[6-(Hydroxymethyl)-2-pyridyl]methyl 2-(p-chlorophenoxy)-2-methylpropionate	4080	2-Hydroxy-1,4-naphthalenedione	9640
4-Hydroxy-2-methyl-N-2-pyridyl-2H-thieno[2,3-e]-1,2-thiazene-3-carboxamide 1,1-dioxide	771, 4772	2-Hydroxynaphthalenedisulfonic acid aluminum salt	6831
3-Hydroxy-1-methylquinuclidinium bromide benzilate	2699	3-Hydroxy-4-(1-naphthyloxy)butyramidoxime	1622, 7049
4-Hydroxy-2-methyl-N-2-thiazolyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide	4761	3-Hydroxy-4-(1-naphthyloxy)butyramidoxime hydrochloride	1623, 7050
5-(Hydroxymethyl)-3-m-tolyl-2-oxazolidinone	3290, 8776	($\pm$)-1-[3-[[2-Hydroxy-3-(1-naphthyloxy)propyl]amino]-3-methylbutyl]-2-benzimidazolinone	197
1-Hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)-2(1H)-pyridone	5990	[2-Hydroxy-3-(1-naphthyloxy)propyl]isopropyl dimethylammonium chloride	1643
1-Hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)-2(1H)-pyridone compound with 2-aminoethanol (1:1)	5991	[2S-[2 α ,5 α ,6 β (S*)]]-6-[[[(4-Hydroxy-1,5-naphthyridin-3-yl)carbonyl]amino]phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	1892
3 α -Hydroxy-8-methyl-1 α H,5 α H-tropanium ($\pm$)-tropate nitrate (salt)	2774	[2S-[2 α ,5 α ,6 β (S*)]]-6-[[[(4-Hydroxy-1,5-naphthyridin-3-yl)carbonyl]amino]phenylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt	1893
3 α -Hydroxy-8-methyl-1 α H,5 α H-tropanium bromide 2-propylvalerate	2656	2-Hydroxy-2',6'-nicotinoxylidide	621, 4656
3 α -Hydroxy-8-methyl-1 α H,5 α H-tropanium		4-Hydroxy-3-nitrobenzenearsonic acid	2291
		17 α -Hydroxy-19-norpregna-4,20-dien-3-one	9122
		17 α -Hydroxy-19-norpregna-5(10),20-diene-3-one	9115
		20 β -Hydroxy-19-norpregna-4-en-3-one	9124
		20 β -Hydroxy-19-norpregna-4-en-3-one hydrocinnamate	9125
		17 β -Hydroxy-19-norpregn-4-en-20-yn-3-one	9112
		17 β -Hydroxy-19-norpregn-4-en-20-yn-3-one acetate	9113
		17 α -Hydroxy-19-norpregn-5(10)-en-20-yn-3-one	9114
		17-Hydroxy-19-nor-17 α -pregn-4-en-20-yn-3-one	7735
		17-Hydroxy-19-nor-17 α -pregn-4-en-20-yn-3-one acetate	7736
		17-Hydroxy-19-nor-17 α -pregn-5(10)-en-20-yn-3-one	7737
		17-Hydroxy-19-norpregn-4-ene-3,20-dione hexanoate	5543
		17 α -Hydroxy-19-norpregna-4,9,11-trien-20-yn-3-one	9121
		2-Hydroxy-4-(octyloxy)benzophenone	9642

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(11 β ,17 α)-11-Hydroxy-3-oxoandrosta-1,4-diene-17-carboxyl	4867,	oct-2-ene-2-carboxylic acid	1960
(11 β)-11-Hydroxy-17-(1-oxobutoxy)-21-(1-oxo-propoxy)pregna-1,4-diene-3,20-dione	8680,	[6R-[6 α ,7 β (R*)]]-7-[(Hydroxyphenylacetyl)amino]-8-oxo-3-[[1-(sulfomethyl)-1H-tetrazol-5-yl]thio]methyl]-5-thia-1-azabicyclo[4.2.0]	
(3 β ,20 β)-3-Hydroxy-11-oxoolean-12-en-29-oic acid	4845,	oct-2-ene-2-carboxylic acid sodium salt	1961
endo-($\pm$)-3-(3-Hydroxy-1-oxo-2-phenylpropoxy)-8-methyl-8-(3-sulfopropyl)-8-azoniabicyclo[3.2.1]octane inner salt	6247,	3-[(Hydroxyphenylacetyl)oxy]-8-methyl-8-(2-oxo-2-phenylethyl)-8-azoniabicyclo[3.2.1]octane chloride	4367
17-Hydroxy-3-oxo-19-nor-17 α -pregna-4,9-diene-21-nitrile	9081,	2-Hydroxy-N-phenylbenzamide	3752
17-Hydroxy-3-oxo-17 α -pregn-4-ene-7,21-dicarboxylic acid γ -lactone isopropyl ester	74,	(3-endo, 6-exo)- α -Hydroxy- α -phenylbenzeneacetic acid 6-methoxy-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester	2854, 6261
17-Hydroxy-3-oxo-17 α -pregna-4,6-diene-21-carboxylic acid	72, 7848,	(3-endo, 6-exo)- α -Hydroxy- α -phenylbenzeneacetic acid 6-methoxy-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester hydrochloride	2855
17-Hydroxy-3-oxo-17 α -pregna-4,6-diene-21-carboxylic acid γ lactone	73, 7849,	α -Hydroxy- α -phenylbenzeneacetic acid 2-(1-piperidinyl)ethyl ester	6231
1-Hydroxy-5-oxo-5H-pyrido[3,2-a]phenoxazine -3-carboxylic acid	3826,	α -Hydroxy- α -phenylbenzeneacetic acid 2-(1-piperidinyl)ethyl ester hydrochloride	6232
($\pm$)-p-[2-Hydroxy-3-[[4-oxo-2-(1H-tetrazol-5-yl)-4H-1-benzopyran-5-yl]oxy]propoxy] benzonitrile monosodium salt	1746,	p-hydroxyphenylbutazone	4712
($\pm$)-3-[3-[2-Hydroxy-3-(tert-pentylamino)propoxy]4-methoxyphenyl]-4'-methylpropiophenone	1500,	($\pm$)-4-Hydroxy- α '-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-m-xylene- α , α '-diol	6960, 7243
($\pm$)-2'-[2-Hydroxy-3-(tert-pentylamino)propoxy]-3-phenylpropiophenone	1569,	($\pm$)-4-Hydroxy- α '-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-m-xylene- α , α '-diol 1-hydroxy-2-napthoate (salt)	6961, 7244
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Hydroxyphenamate	6737	(m-Hydroxyphenyl)dimethylamine dimethyl carbamate	3482
β -Hydroxyphenethyl carbamate	8914	(2S,5R,6R)-6-[(R)-[4-(p-Hydroxyphenyl)-2,2-dimethyl-5-oxo-1-imidazolidinyl]]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2078
2-[6-(β -Hydroxyphenethyl)-1-methyl-2-piperidyl]acetophenone	9252	(2S,5R,6R)-6-[(R)-[4-(p-Hydroxyphenyl)-2,2-dimethyl-5-oxo-1-imidazolidinyl]]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2078
2-[6-(β -Hydroxyphenethyl)-1-methyl-2-piperidyl]acetophenone hydrochloride	9254	2-[3-(m-Hydroxyphenyl)-2,3-dimethylpiperidino]acetophenone	673
2-[6-(β -Hydroxyphenethyl)-1-methyl-2-piperidyl]acetophenone sulfate	9255	p-hydroxyphenylethanolamine	152
($\pm$)-2-[6-(β -Hydroxyphenethyl)-1-methyl-2-piperidyl]acetophenone	9253	α -[2-(4-Hydroxyphenyl)ethyl]-4,7-dimethoxy-6-[2-(1-piperidinyl)ethoxy]-5-benzo furanmethanol	7354
3-Hydroxy-N-phenethylmorphinan	439	4-Hydroxyphenyl- β -D-glucopyranoside	7835
1-Hydroxy-2-phenoxyethane	6123	L-2-(p-Hydroxyphenyl)glycine	9702
(-)-(S)-1-(p-Hydroxyphenoxy)-3-(isopropylamino)-2-propanol	6947, 7497	(2S,5R,6R)-6-[(R)-2-(p-Hydroxyphenyl)-2-[3-[4-hydroxy-2-(p-sulfamoylanilino)-5-pyrimidinyl]ureido]acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2115
(-)-(S)-1-(p-Hydroxyphenoxy)-3-(isopropylamino)-2-propanol hydrochloride	6948, 7498	(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol	177, 4494
[6R-[6 α ,7 β (R*)]]-7-[(Hydroxyphenylacetyl)amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene 2-carboxylic acid	1921	(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol hydrochloride	178, 4495
[6R-[6 α ,7 β (R*)]]-7-[(Hydroxyphenylacetyl)amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene 2-carboxylic acid sodium salt with sodium sulfate	1922	(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol tartrate (1:1) ester	179, 4496
[6R-[6 α ,7 β (R*)]]-7-[(Hydroxyphenylacetyl)amino]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene 2-carboxylic acid sodium salt	1923	(RS)-1-(4-Hydroxyphenyl)-2-(methylamino)ethanol tartrate (2:1) salt	180, 4497
[6R-[6 α ,7 β (R*)]]-7-[(Hydroxyphenylacetyl)amino]-8-oxo-3-[[[1-(sulfomethyl)-1H-tetrazol-5-yl]thio]methyl]-5-thia-1-azabicyclo[4.2.0]		4-(m-Hydroxyphenyl)-1-methylpiperidine-4-carboxylic acid ethyl ester	369

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4-(m-Hydroxyphenyl)-1-methyl-4-propionylpiperidine	371	21-Hydroxypregn-4-ene-3,20-dione	8635
4-(m-Hydroxyphenyl)-1-methyl-4-propionylpiperidine hydrochloride	372	17-Hydroxypregn-4-ene-3,20-dione	9098
4-[2-[[[(S)-3-(p-Hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol	7479	17-Hydroxypregn-4-ene-3,20-dione caproate	9099
4-[2-[[[(S)-3-(p-Hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol lactobionate (1:1) (salt)	7480	3β-Hydroxypregn-5-en-20-one hydrogen succinate	8150, 9128
(±)-4-[2-[[[3-(p-Hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol	7445	17α-Hydroxyprogesterone	9098
(±)-4-[2-[[[3-(p-Hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol hydrochloride	7446	21-hydroxyprogesterone	8635
(±)-4-[2-[[[3-(p-Hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol lactobionate (salt)	7447	17α-Hydroxyprogesterone Caproate	9099
3α-Hydroxy-8-(p-phenylphenacyl)-1αH,5αH-tropanium bromide	2740	Hydroxy-1,2,3-propanetricarboxylic acid magnesium salt (2:3)	8520
3α-Hydroxy-8-(p-phenylphenacyl)-1αH,5αH-tropanium bromide (-)-tropate	6204	2-Hydroxy-1,2,3-propanetricarboxylic acid copper salt (1:2)	6850
2-Hydroxy-2-phenylpropionamide	2910	2-Hydroxy-1,2,3-Propanetricarboxylic Acid, Ammonium Iron (3+) Salt	8260
1-(3-Hydroxy-3-phenylpropyl)-4-phenyl-4-piperidine carboxylic acid ethyl ester hydrochloride	6122	2'-[2-Hydroxy-3-(propylamino)propoxy]-3-phenylpropiophenone	1650
1-(3-Hydroxy-3-phenylpropyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester	440	2'-[2-Hydroxy-3-(propylamino)propoxy]-3-phenylpropiophenone hydrochloride	1651
1-(3-Hydroxy-3-phenylpropyl)-4-phenylpiperidine-4-carboxylic acid ethyl ester hydrochloride	441	2-Hydroxypropanoic acid calcium salt (2:1)	9202
3-Hydroxy-2-phenyl-4-quinolinecarboxylic acid	3451, 9658	2-Hydroxypropanoic acid magnesium salt	8522
N-(4-Hydroxyphenyl)retinamide	5148	2-Hydroxypropanoic acid monoammonium salt	5636
1-[(p-Hydroxyphenyl)sulfonyl]-3-cyclohexylurea	3365	2-Hydroxypropanoic acid monosodium salt	9232
4-[3-Hydroxy-3-phenyl-3-(2-thienyl)propyl]-4-methylmorpholinium bromide	2830	2-Hydroxypropanoic acid silver salt	6138
4-[3-Hydroxy-3-phenyl-3-(2-thienyl)propyl]-4-methylmorpholinium iodide	2831, 6249	2-Hydroxypropanoic acid silver salt (1:1)	6859
(±)-7-[2-Hydroxy-3-[4-[3-(phenylthio)propyl]-1-piperazinyl]propyl]theophylline	3999	4'-Hydroxypropiophenone	3834
(±)-7-[2-Hydroxy-3-[4-[3-(phenylthio)propyl]-1-piperazinyl]propyl]theophylline dihydrochloride	4000	Hydroxypropyl Cellulose	9616
(m-Hydroxyphenyl)trimethylammonium bromide decamethylenebis[methyl carbamate] (2:1)	7598	1-(2-Hydroxypropyl)-3,7-dihydro-3,7-dimethyl-1H-purine-2,6-dione	7918
(m-Hydroxyphenyl)trimethylammonium bromide dimethylcarbamate	3483	3-Hydroxypropylene ester of 3-acetamido-4-hydroxydithiobenzenearsonous acid	1310
(m-Hydroxyphenyl)trimethylammonium methyl sulfate dimethylcarbamate	3484	3-Hydroxypropyl nicotinate 2-(p-chlorophenoxy)-2-methylpropionate (ester)	4088
10-[3-(4-Hydroxypiperidino)propyl]-phenothiazine-2-carbonitrile	5824	2'-Hydroxy-3'-propyl-4'-[4-(1H-tetrazol-5-yl)]butoxylacetophenone	8574
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(N-[2-Hydroxy-3-(1-piperidinyl) propoxy]-3-pyridine-carboximidoyl-chloride)	9889	3-Hydroxypyridine dimethylcarbamate	2817
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21-Hydroxy-5β-pregnane-3,20-dione	878	N-[[αS)-α[[[(3S)-3-hydroxy-1-pyrrolidinyl]methyl]benzyl]-N-methyl-2,2-diphenylacetamide	300
21-Hydroxy-5β-pregnane-3,20-dione sodium succinate	879	N-[[[(1S,2S)-2-Hydroxy-1-(hydroxymethyl)heptadecyl]acetamide	5667
		N-[[[(2R,3R)-2-Hydroxy-3-methylvaleryl]-N-methyl-L-valyl-L-phenylalanyl-N-methyl-L-phenylalanyl-L-prolyl-L-alloisoleucyl-N-methyl-L-valyl-L-leucyl-3-hydroxy-N-methyl-L-valine α ₁ -lactone	3635
		8-Hydroxyquinoline	6073
		8-Hydroxyquinoline Aluminum Sulfate	6075
		8-Hydroxyquinoline Sulfate	6074
		all-trans-4'-hydroxyretinanilide	5148
		5-Hydroxy-1-β-D-ribofuranosylimidazole-4-carboxamide	8458
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17β-Hydroxy-2,5-seco-A-dinorestr-9-en-5-one acetate	1240	(ester) hydrobromide	2748
Hydroxystilbamidine	5580	D-5-Hydroxytryptophan	2949
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2-Hydroxy-4,4'-stilbenedicarboxamidine	5580	DL-5-Hydroxytryptophan	2950
2-Hydroxy-4,4'-stilbenedicarboxamidine		5-Hydroxytryptophan	2948
bis((2-hydroxyethanesulfonate) (salt)	5581	5-Hydroxytryptophan D-form	2949
Hydroxytetracaine	961	5-Hydroxytryptophan DL-form	2950
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(±)-all rac-5-[p-[(6-Hydroxy-2,5,7,8-tetramethyl-2-chromanyl)methoxy]benzyl]-2,4-thiazolidinedione	3417, 8465	3-hydroxytyramine	4473
3-[[[(1R,2E,4Z)-1-[(αS)-α-Hydroxy-m-1H-tetrazol-5-ylbenzyl]-2,4-tetradecadienyl]thio]propionic acid	8573	N-Hydroxyurea	5167
1-[2-[[2-Hydroxy-3-(o-toloxyl)propyl]amino]ethyl]thymine	1461, 1645	25-hydroxy Vitamin D ₃	7369
3-Hydroxytoluene	3709	17α-Hydroxyyohimban-16α-carboxylic acid	235, 8950
17-Hydroxy-6α-(trifluoromethyl)pregn-4-en-3,20-dione	4967	Hydroxyzyne	3934, 6738
17-Hydroxy-6α-(trifluoromethyl)pregn-4-en-3,20-dione acetate	4968	Hydroxyzyne Hydrochloride	3935, 6739
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(±)-1-(4-Hydroxy-2,3,5-trimethylphenoxy)-3-(isopropylamino)-2-propanol 4-acetate hydrochloride	3821, 4320, 7041	Hygroton	4186, 7855
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3-Hydroxy-1,7,7-trimethylbicyclo[2.2.1]heptan-2-one	5645	Hylorel	4256
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β -[(p-Methanesulfonamidophenethyl)methyl amino]methanesulfono-p-phenetidide	1573	DL-Methionine	3480, 8350, 8600
Methaniazide	2597	N-L-Methionyl-colony-stimulating factor (human clone 1034)	5407
Methantheline	2768	L-Methionyl-L-glutamyl-L-histidyl-L-phenylalanyl- D-lysyl-N-(8-aminooctyl-L-phenylalaninamide S,S-dioxide	62
Methantheline Bromide	2769	N ² -L-Methionyl-1-139-interferon- γ (human lymphocyte protein moiety reduced)	5181
Methanthine bromide	2769	N ² -L-Methionyl-interleukin 1 receptor antagonist (human isoform x reduced)	4529
Methaphenilene	3953	methioturiate	9402
Methaphenilene Hydrochloride	3954	Methisazone	6619
Methapyrilene Fumarate	3955	Methisoprinol	6610, 8407
Methapyrilene Hydrochloride	3956	Methitural	9401
Methapyrilene	3957	Methitural Sodium Salt	9402
Methaqualone	9399	Methium chloride	4272
Methaqualone Hydrochloride	9400		
Metharbital	2960		
Methased	9400		

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Methixart	2772, 8881	2-Methoxy-N,N-dimethyl-10H-phenothiazine-	
Methixene	2770, 8880	10-propanamine	5794
Methixene Hydrochloride	2771, 8881	2-Methoxy-N,N-dimethyl-10H-phenothiazine-	
Methixene Hydrochloride Monohydrate	2772	10-propanamine maleate (1:1)	5795
methobenzmorphan	388	(-)-1-[2-[4-[(3R,4R)-7-Methoxy-2,2-dimethyl-3-	
Methocarbamol	8882	phenyl-4-chromanyl]phenoxy]ethyl]pyrrolidine	3609
Methocynal	7701	(trans)-1-[2-[p-(7-Methoxy-2,2-dimethyl-3-phenyl-	
Methodichlorophen	5218	4-chromanyl]phenoxy]ethyl]pyrrolidine	3601
Methofadin	2480	(trans)-1-[2-[p-(7-Methoxy-2,2-dimethyl-3-phenyl-	
Methohexital	882	4-chromanyl]phenoxy]ethyl]pyrrolidine	
Methohexital Sodium	883	hydrochloride	3602
methohexitone sodium	883	methoxydon	6760, 8876
methophenazine	5797	methoxydone	6760, 8876
Methopholine	655	3-Methoxyestra-1,3,5(10)-triene-16 α ,17 α -diol	8227
Methoplain	4316	3,3'-(2-Methoxyethylidene)bis(4-hydroxy-	
methopromazine	5794	coumarin)	2873
Methopterin	5216	1-[5'-(3-Methoxy-4-ethoxycarbonyloxyphenyl)-	
Methorate	6392	2',4'-pentadienoyl aminoethyl]-4-	
methorphan	6445	diphenylmethoxypiperidine	3943, 8565
methorphinan	455	N-[2-(2-Methoxyethoxy)ethyl]-1,4-benzo	
methorphinan (dl-form)	381	diozan-2-methylamine	8807
Methostan	254	N-[5-(2-Methoxyethoxy)-2-pyrimidinyl]	
Methotrexate	1726, 5216	benzenesulfonamide	3361
Methotrexate Disodium Salt	1727	N-[5-(2-Methoxyethoxy)-2-pyrimidinyl]	
Methotrexate Monohydrate	1728	benzenesulfonamide sodium salt	3406
Methotrimeprazine	656	1-[4-(2-Methoxyethyl)phenoxy]-3-[(1-methyl-	
Methotrimeprazine Maleate	657	ethyl)amino]-2-propanol tartate	1377
Methoxa-Dome	9048	(2R,3S)-3-Methoxy-3',4',5,7-flavanterol	6492
methoxadone	6760, 8876	Methoxyflurane	858
Methoxamine	133, 4485	4-Methoxy-7H-furo[3,2-g][1]benzopyran-7-one	5664
Methoxamine Hydrochloride	134, 4486	9-Methoxy-7H-furo[3,2-g][1]benzopyran-7-one	9048
Methoxillin-S	2035	methoxyhydrastine	6424
Methoxsalen	9048	R-(Z)- α -(Methoxyimino)-1-azabicyclo[2.2.2]	
($\pm$)-3-Methoxy-8-aza-19-nor-17 α -pregna-1,3,5		octane-3-acetonitrile	9009
(10)-trien-20-yn-17-ol hydrobromide	8126	5-Methoxy-2-methylindole-3-acetohydroxamic acid	6473
1-(p-Methoxybenzyl)-2,3-dimethylguanidine	1608	3-Methoxy-17-methyl-9 α ,13 α -morphinan	6391
1-(p-Methoxybenzyl)-2,3-dimethylguanidine sulfate	1609	3-Methoxy-17-methyl-9 α ,13 α -morphinan	
4-Methoxy-N,N'-bis(3-pyridinylmethyl)-1,3-		hydrobromide	6393
benzenedicarboxamide	2898, 6332	3-Methoxy-17-methyl-9 α ,13 α -morphinan	
4-Methoxy-N,N'-bis(3-pyridinylmethyl)-1,3-		hydrobromide monohydrate	6392
benzenedicarboxamide monohydrate	6333	5-Methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-	
(+)-(S)-N-[4-[(5-methoxy-3-chromanyl)propyl		pyridyl)methyl]sulfinyl]benzimidazole	8184, 8200
amino]butyl]-1,1-cyclopentanediacetamide	3023	5-Methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-	
(8 α ,9R)-6'-Methoxycinchonan-9-ol sulfate (2:1) (salt)	4935	pyridyl)methyl]sulfinyl]benzimidazole	
6'-Methoxy-(9S)-cinchonan-9-ol sulfate (2:1) (salt)	1659	sodium salt	8185, 8201
(8R,9S)-6'-Methoxycinchonan-9-ol	4933, 4934, 8908	5-Methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-	
(9S)-6'-Methoxycinchonan-9-ol	1657	pyridyl)methyl]sulfonyl]benzimidazole	6499
trans-4-Methoxycyclohexyl 1-isopropyl-6-methyl		5-Methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-	
ergoline-8 β -carboxylate	4989	pyridyl)methyl]sulfonyl]benzimidazole	
trans-4-Methoxycyclohexyl 1-isopropyl-6-methyl		sodium salt	6500
ergoline-8 β -carboxylate maleate (1:1)	4990	4-Methoxy-2-(5-methoxy-3-methylpyrazol-1-yl)-	
2-Methoxy-N, α -dimethylbenzeneethanamine	6939, 7205	6-methylpyrimidine	574, 4600, 5928
2-Methoxy-N, α -dimethylbenzeneethanamine		3-Methoxy-N-methyl-4,5-epoxymorphin-	
hydrochloride	6940, 7206	6-en-6-yl acetate	460
10-Methoxy-1,6-dimethylergoline-8 β -		3-Methoxy-N-methyl-4,5-epoxymorphin-	
methanol 5-bromonicotinate (ester)	220, 9700, 9860	6-en-6-yl acetate hydrochloride	461
7-Methoxy- α ,10-dimethylphenothiazine-2-		3-Methoxy-16-methyl-1,3,5(10)-estratriene-	
acetic acid	4742, 4743	16 β ,17 β -diol	8148

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Methoxymethyl (2S,5R,6R)-6-[4-(p-hydroxyphenyl)-2,2-dimethyl-5-oxo-1-imidazolidinyl]3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2129	β-Methoxy-N-methyl-m-(trifluoromethyl)phenethylamine	1077
(-)-(S)-2-[5-Methoxy-2-[3-[methyl[2-[3,4(methylenedioxy)phenoxy]ethyl]amino]propoxy]phenyl]-4-methyl-2H-1,4-benzothiazin-3(4H)-one	7329	3-(4-Methoxy-1-naphthoyl)propionic acid	7573
(+)-(R)-2-[5-Methoxy-2-[3-[methyl[2-[3,4(methylenedioxy)phenoxy]ethyl]amino]propoxy]phenyl]-4-methyl-2H-1,4-benzothiazin-3(4H)-one	4403	4-(6-Methoxy-2-naphthyl)-2-butanone	
(+)-(R)-2-[5-Methoxy-2-[3-[methyl[2-[3,4(methylenedioxy)phenoxy]ethyl]amino]propoxy]phenyl]-4-methyl-2H-1,4-benzothiazin-3(4H)-one fumarate	4404	3-(6-Methoxy-2-naphthyl)-2,2-dimethylpentanoic acid	8145
(-)-3-Methoxy-N-methylmorphinan	6414	endo-1-[[4-[2-(2-Methoxynicotinamido)ethyl]piperidino]sulfonyl]-3-(5-norbornen-2-ylmethyl)urea	3342
(±)-3-Methoxy-17-methylmorphinan	6445	p-Methoxyphenacyl 13-cis-retinoate	1241
(-)-3-Methoxy-N-methylmorphinan hydrobromide dihydrate	6415	p-Methoxyphenyl 2-methyl-1-(2-morpholinoethyl)indol-2-yl ketone	728
(-)-6-Methoxy-β-methyl-2-napthalene ethanol	683, 4695, 5952	p-Methoxyphenyl 2-methyl-1-(2-morpholinoethyl)indol-2-yl ketone maleate	729
(+)-6-Methoxy-α-methyl-2-napthalene acetate piperazine salt (2:1)	681, 4693, 5950	3-Methoxy-19-nor-17α-pregna-1,3,5(10)-trien-20-yn-17-ol	7733
(+)-6-Methoxy-α-methyl-2-napthalene acetic acid	680, 4692, 5949	11β-Methoxy-19-nor-17α-pregna-1,3,5(10)-trien-20-yne-3,17-diol	8147
5-Methoxy-2-methyl-1-nicotinoylindole-3-acetic acid	4699	3-Methoxy-19-norpregna-1,3,5(10)-trien-20-yn-17β-ol	8144
2-(Methoxymethyl)-5-nitrofuran	6102	(±)-2-Methoxy-3-(octadecyloxy)propyl hydrogen phosphate choline hydroxide inner salt	5115
α-(Methoxymethyl)-2-nitroimidazole-1-ethanol	5597	3-Methyl-1-(5-oxohexyl)-7-propylxanthine	9006
α[p-[5-(Methoxymethyl)-2-oxo-3-oxazolidinyl]phenoxy]-m-tolunitrile	3059	Methoxyphenamine	6939, 7205
α-[(p-Methoxy-α-methylphenylethylamino)methyl]-4-hydroxy-m-xylene-α,α'-diol	6959, 7242	Methoxyphenamine Hydrochloride	6940, 7206
(±)-6'-Methoxy-2-methyl-1-piperidine propiono-2',4'-xylidide	1033, 6452	4-(β-Methoxyphenethyl)-α-epin-4(iH)-one	7159
(±)-4-Methoxy-N-[2-[2-(1-methyl-2-piperidinyl)ethyl]phenyl]benzamide	1580	4-(β-Methoxyphenethyl)-α-epin-4(iH)-one dihydrochloride	7160
(±)-4-Methoxy-N-[2-[2-(1-methyl-2-piperidinyl)ethyl]phenyl]benzamide hydrochloride	1581	2-[3-[(m-Methoxyphenethyl)methylamino]propyl]-2-(m-methoxyphenyl)tetradecanenitrile	1369, 1509
2-Methoxy-2-methylpropane	7545	2-Methoxyphenol	8164
(±)-1-[(2-Methoxy-6-methyl-3-pyridyl)methyl]-2-aziridinecarbonitrile	8442	2-Methoxyphenol phenylacetate	8167
N ¹ -(6-Methoxy-2-methyl-4-pyrimidinyl)sulfanilamide	2480	4-Methoxyphenol	5211
2-[2-Methoxy-4-(methylsulfinyl)phenyl]-1H-imidazo[4,5-c]pyridine	7473	1-[3-(2-Methoxyphenothiazin-10-yl)-2-methylpropyl]-4-piperidinol	5825
2-[2-Methoxy-4-(methylsulfinyl)phenyl]-3H-imidazo[4,5-b]pyridine	7508	(-)-3-(2-Methoxyphenothiazin-10-yl)-2-methylpropyldimethylamine	656
2-[2-Methoxy-4-(methylsulfinyl)phenyl]-1H-imidazo[4,5-c]pyridine monohydrochloride	7474	(-)-3-(2-Methoxyphenothiazin-10-yl)-2-methylpropyldimethylamine maleate	657
9-[2-Methoxy-4-(methylsulfonylamino)anilino]-N,5-dimethylacridine-4-carboxamide	5032	1-[2-[2-[2-(o-methoxyphenoxy)ethoxy]ethoxy]ethyl]piperidine	6407
N-[4-(Methoxymethyl)-1-[2-(2-thienyl)ethyl]-4-piperidinyl]propionalalide	458	(±)-2-(o-Methoxyphenoxy)-2-methyl-1,3-benzodioxan-4-one	8787
N-[4-(Methoxymethyl)-1-[2-(2-thienyl)ethyl]-4-piperidinyl]propionalalide citrate (1:1)	459	(+)-trans-3-[(p-Methoxyphenoxy)methyl]-1-methyl-4-phenylpiperidine	3121, 9527
		(+)-trans-3-[(p-Methoxyphenoxy)methyl]-1-methyl-4-phenylpiperidine hydrochloride	3122, 9528
		(±)-3-(o-Methoxyphenoxy)-N-methyl-3-phenyl-propylamine	3211
		3-(2-Methoxyphenoxy)-1,2-propanediol	8168
		3-(o-Methoxyphenoxy)-1,2-propanediol 1-carbamate	8882
		2-Methoxyphenyl benzoate	8165
		2-(p-Methoxy-α-phenylbenzyloxy)-N,N-dimethylethylamine	3948
		2,3,3-Tris(p-methoxyphenyl)-N,N-dimethyl	

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allylamine	9718	2-[[[4-(3-Methoxypropoxy)-3-methyl-2-pyridyl]methyl]sulfinyl]benzimidazole	8188
N-[(4-Methoxyphenyl)methyl]-N',N'-dimethyl-N-2-thiazolyl-1,2-ethanediamine	4016	2-[[[4-(3-Methoxypropoxy)-3-methyl-2-pyridyl]methyl]sulfinyl]benzimidazole sodium salt	8189
N-[(4-Methoxyphenyl)methyl]-N',N'-dimethyl-N-2-thiazolyl-1,2-ethanediamine hydrochloride	4017	8-methoxypsoralen	9048
5-(p-Methoxyphenyl)-3H-1,2-dithiole-3-thione	7550	N ¹ -(3-Methoxypyrazinyl)sulfanilamide	2470
N-[2-(4-Methoxyphenyl)ethenyl]formamide	2306, 2624	N ¹ -(6-Methoxy-3-pyridazinyl)sulfanilamide	2483
4-(2-Methoxy-2-phenylethyl)-α-(methoxyphenylmethyl)-1-piperazineethanol	6454	N ¹ -(6-Methoxy-3-pyridazinyl)sulfanilamide acetyl	2484
4-(2-Methoxy-2-phenylethyl)-α-(methoxyphenylmethyl)-1-piperazineethanol dihydrochloride	6455	N ¹ -(6-Methoxy-3-pyridazinyl)sulfanilamide sodium salt	2485
o-methoxyphenyl glyceryl ether	8168	3-[3-[4-(5-Methoxy-4-pyrimidinyl)-1-piperazinyl]propyl]-N-methylindoile-5-methanesulfonamide	4952
2-(p-Methoxyphenyl)indane-1,3-dione	2864	3-[3-[4-(5-Methoxy-4-pyrimidinyl)-1-piperazinyl]propyl]-N-methylindoile-5-methanesulfonamide fumarate	4953
3,4-bis(p-Methoxyphenyl)-5-isoxazoleacetic acid	666, 4685	N ¹ -(5-Methoxy-2-pyrimidinyl)sulfanilamide	2476
α-[(2-Methoxyphenyl)methylene]benzene acetic acid	7575	N ¹ -(6-Methoxy-4-pyrimidinyl)sulfanilamide	2493
1-(p-Methoxyphenyl)-5-methyl-4-imidazoline-2-one	2600	4-[6-[(6-Methoxy-8-quinolyl)amino]hexyl]-α-methyl-1-piperazinepropanol	5600
(±)-4-(o-Methoxyphenyl)-α-[(1-naphthyl)oxy)methyl]-1-piperazineethanol	219, 4342	1-(6-Methoxy-4-quinolyl)-3-(3-vinyl-4-piperidyl)-1-propanone	1690, 9716
4-(o-Methoxyphenyl)-α-[(1-naphthyl)oxy)methyl]-1-piperazineethanol	217, 4340	1-(6-Methoxy-4-quinolyl)-3-(3-vinyl-4-piperidyl)-1-propanone hydrochloride	1691, 9717
4-(o-Methoxyphenyl)-α-[(1-naphthyl)oxy)methyl]-1-piperazineethanol dihydrochloride	218, 4341	N ¹ -(4-Methoxy-1,2,5-thiadiazol-3-yl)sulfanilamide	2488
1-[2-[p-[α-(p-Methoxyphenyl)-β-nitrostyryl]phenoxy]ethyl]pyrrolidine	3612	N-[[6-Methoxy-5-(trifluoromethyl)-1-naphthalenyl]thioxomethyl]-N-methylglycine	68
1-[2-[p-[α-(p-Methoxyphenyl)-β-nitrostyryl]phenoxy]ethyl]pyrrolidine citrate (1:1)	3613	5-Methoxy-4'-(trifluoromethyl)valerophenone	6728, 9531
3-(o-Methoxyphenyl)-2-phenylacrylic Acid	7575	5-Methoxy-4'-(trifluoromethyl)valerophenone (E)-O-(2-aminoethyl)oxime	3139
3-(o-Methoxyphenyl)-2-phenylacrylic Acid Magnesium Salt	7576	5-Methoxy-4'-(trifluoromethyl)valerophenone (E)-O-(2-aminoethyl)oxime maleate	3140
5-(p-Methoxyphenyl)-5-phenyl-3-[3-(4-phenylpiperidino)propyl]hydantoin	1665	5-Methoxy-4'-(trifluoromethyl)valerophenone maleate	6729, 9532
5-(p-Methoxyphenyl)-5-phenyl-3-[3-(4-phenylpiperidino)propyl]hydantoin hydrochloride	1666	2-methoxytrimeprazine	656
6-[[3-[4-(o-Methoxyphenyl)-1-piperazinyl]propyl]amino]-1,3-dimethyluracil	4449	(all E)-9-(4-Methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatrienoic acid	5658
3-(4-Methoxyphenyl)-2-propenoic acid 2-ethylhexyl ester	9645	methoxyverapamil	1416, 7321
(±)-4-(o-Methoxyphenyl)-α-[(3,4,5-trimethoxyphenoxy)methyl]-1-piperazineethanol	6715	6-Methoxy-4-[3-[(3R,4R)-3-vinyl-4-piperidyl]propyl]quinoline	3308, 9543
(±)-4-(o-Methoxyphenyl)-α-[(3,4,5-trimethoxyphenoxy)methyl]-1-piperazineethanol dihydrochloride	6716	Methral	8668
3-Methoxy-4-(piperidinomethyl)xanthen-9-one	9256	Methrazone	4619
Methoxypromazine	5794	Methscopolamine Bromide	2773
Methoxypromazine Maleate	5795	Methsuximide	2962
1-methoxypropane	859	Methyclothiazide	4313, 7894
2-Methoxy-4-(2-propenyl)phenyl	286	Methycobal	9935
6-Methoxy-N-[[1-(2-propenyl)-2-pyrrolidinyl]methyl]-1H-benzotriazole-5-carboxamide	5691	methylacetic acid	3746
17β-Methoxy-3-propoxystera-1,3,5(10)-triene	8151	p-[(2-Methylallyl)amino]hydratropic acid	476, 4520
2-[[[4-(3-Methoxypropoxy)-3-methyl-2-pyridinyl]methyl]sulfinyl]benzimidazole	6512	1-(Methylamidino)-3-(2,6-xylyl)urea	3434
2-[[[4-(3-Methoxypropoxy)-3-methyl-2-pyridinyl]methyl]sulfinyl]benzimidazole sodium salt	6513	1-(Methylamidino)-3-(2,6-xylyl)urea monohydrochloride	3435
		N-[(Methylamino)carbonyl]-N-[(methylamino)carbonyl]oxy acetamide	5062
		l-methylaminoethanolcatechol	6905, 7153, 8941
		6-(Methylamino)-4,4-diphenyl-3-heptanol acetate (ester)	411
		6-(Methylamino)-4,4-diphenyl-3-heptanol	

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acetate (ester) hydrochloride	412	DL-Threo-2-(methylamino)-1-phenylpropan-1-ol	7229
α -[1-(Methylamino)ethyl]benzenemethanol	6899	L-Erythro-2-(methylamino)-1-phenylpropan-1-ol	6902, 7148
($\pm$)- α -[1-(Methylamino)ethyl]benzenemethanol	101	L-Erythro-2-(methylamino)-1-phenylpropan-1-ol	
l- α -[1-(Methylamino)ethyl]benzenemethanol	103	hydrochloride	6903, 7150
α -[1-(Methylamino)ethyl]benzenemethanol	7147	D-Erythro-2-(methylamino)-1-phenyl	
d- α -[1-(Methylamino)ethyl]benzenemethanol	171	propan-1-ol hydrochloride	7772
[S-(R*,R*)]- α -[1-(methylamino)ethyl]benzene		L-Erythro-2-(methylamino)-1-phenylpropan-1-ol	
methanol	7230	sulfate (2:1) salt	6904, 7152
α -[1-(Methylamino)ethyl]benzenemethanol		D-Erythro-2-(methylamino)-1-phenylpropan-1-ol	
hydrochloride	6900	sulfate (2:1) salt	7773
d- α -[1-(Methylamino)ethyl]benzenemethanol		9-(3-Methylaminopropylidene)-10,10-dimethyl-	
hydrochloride	172	9,10-dihydroanthracene	3170
l- α -[1-(Methylamino)ethyl]benzenemethanol		p-(2-Methylaminopropyl)phenol	161
hydrochloride	104	p-(2-Methylaminopropyl)phenol sulfate (2:1) salt	162
α -[1-(Methylamino)ethyl]benzenemethanol		Methylaminopterin	5216
hydrochloride	7149	1-Methylandrosta-1,4-diene-3,17-dione	6821
($\pm$)- α -[1-(Methylamino)ethyl]benzenemethanol		6-Methyleneandrosta-1,4-diene-3,17-dione	6822
hydrochloride salt	102, 109, 110, 3813, 3814	methylandrostenediol	254
[S-(R*,R*)]- α -[1-(methylamino)ethyl]benzene		17 α -Methylandrosta-5-ene-3 β ,17 β -diacetate	255
methanol hydrochloride	7231	17 α -Methylandrosta-5-ene-3 β ,17 β -diol	254
[S-(R*,R*)]- α -[1-(Methylamino)ethyl]benzene		17 α -Methylandrosta-5-ene-3 β ,17 β -dipropionate	256
methanol sulfate	7232	17-Methyl-2'-H-5 α -androsta-2-eno[3,2-c]pyrazol-	
α -[1-(Methylamino)ethyl]benzenemethanol sulfate	6901	17 β -ol	837
($\pm$)- α -[1-(Methylamino)ethyl]benzenemethanol		methylarecaidin	1152
sulfate salt (2:1)	108, 3812	3-Methylarsacetin	4920
d- α -[1-(Methylamino)ethyl]benzenemethanol		[2S-(2 α ,5 α ,6 β)]-N-Methyl-D-asparaginyl-N-	
sulfate (2:1) salt	173	(2-carboxy-3,3-dimethyl-7-oxo-4-thia-1-	
l- α -[1-(Methylamino)ethyl]benzenemethanol		azabicyclo[3.2.0]hept-6-yl)-D-2-(4-hydroxy	
sulfate salt (2:1)	105	phenyl)glycinamide	1894
α -[1-(Methylamino)ethyl]benzenemethanol sulfate	7151	Methylatropine Nitrate	2774
4-[2-(Methylamino)ethyl]-o-phenylene		(1R)-8-Methyl-8-azabicyclo[3.2.1]oct-2-ene-2-	
diisobutyrate	119, 6924, 7468,	carboxylic acid	944
7994		Methylbenactyzium Bromide	2775, 3040, 3186
4-[2-(Methylamino)ethyl]-o-phenylene		6'-N-methylbentamicin C _{1a} hemipentasulfate	
diisobutyrate hydrochloride	120, 6925, 7469, 7995	[sulfate (C ₄₀ H ₉₂ N ₁₀ O ₃₄ S)]	1847
4-[2-(Methylamino)ethyl]-1,2-phenylene ester	7956	Methylbenzethonium Chloride	6103
4-[2-(Methylamino)ethyl]-1,2-phenylene ester		13-Methyl-[1,3]benzodioxolo[5,6-c]-1,3-	
hydrochloride	7957	dioxolo[4,5-l]phenthridinium chloride	3753
4-[2-(Methylamino)propyl]phenol	4492	α -Methyl-5H-[1]benzopyrano[2,3-b]pyridine-7-	
4-[2-(Methylamino)propyl]phenol sulfate	4493	acetic acid	4735
2-[2-(Methylamino)ethyl]pyridine	9805	3-Methyl-4H-1-benzopyran-4-one	6257
2-[2-(Methylamino)ethyl]pyridine dihydrochloride	9806	2-[(2-Methylbenzo[b]thien-3-yl)methyl]-2-	
2-[2-(Methylamino)ethyl]pyridine maleate (1:1)	9807	imidazoline	136, 7780
		2-[2-Methylbenzo[b]thien-3-yl)methyl]-2-	
Methyl 3-amino-4-hydroxybenzoate	982	imidazoline monohydrochloride	7781
Methyl α -amino- β -mercaptopropionate		2-[(2-Methylbenzo[b]thien-3-yl)methyl]-2-	
hydrochloride	8791	imidazoline hydrochloride	137
(-)-(R) α -[(Methylamino)methyl]-9,10-ethano		Methyl 5-benzoyl-2-benzimidazolecarbamate	1191
anthracene-9(10H)-ethanol	3166	N ¹ -[3-[(S)-(α -Methylbenzyl)]amino]propyl]	
($\pm$)- α -[(Methylamino)-methyl]-9,10-ethano		bleomycinamide	5279
anthracene-9(10H)-ethanol	3228	N ¹ -[3-[(S)-(α -Methylbenzyl)]amino]propyl]	
($\pm$)- α -[(Methylamino)-methyl]-9,10-ethano		bleomycinamide sulfate (1:1) (salt)	5280
anthracene-9(10H)-ethanol hydrochloride	3229	N-(α -Methylbenzyl)linoleamide	4068
6-Methylamino-2-methylheptene	124	[1S-[1 α (R*),3 α ,7 β ,8 β (2S*,4S*),8 α]]-2-Methyl	
6-Methylamino-2-methylheptene hydrochloride	125	butanoic acid 1,2,3,7,8,8a-hexahydro-3,7-	
6-(Methylamino)-4-oxo-10-propyl-4H-pyrano		dimethyl-8-[2-(tetrahydro-4-hydroxy-6-oxo-	
[3,2-g]quinoline-2,8-dicarboxylic acid	1273	2H-pyran-2-yl)ethyl]-1-naphthalenyl	
D-Erythro-2-(methylamino)-1-phenylpropan-1-ol	7771	ester	4065, 4069, 4071

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(1 α ,2 β ,5 α)-3-Methylbutanoic acid 5-methyl-2-(1-methylethyl)cyclohexyl ester	9394	4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctopyranoside palmitate	2172
2-Methyl-2-butanol	9419	Methyl 7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctopyranoside	2173
2-Methyl-2-butenic acid [1 α ,3 α (E),5 α]-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester	6250	palmitate hydrochloride	2173
N-(3-Methyl-2-butenyl)adenosine	5306	Methyl 7-chloro-6,7,8-trideoxy-6-(cis-4-pentyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galacto-octapyranoside mixture with methyl 7-chloro-6,7,8-trideoxy-6-(trans-4-pentyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galacto-octapyranoside	4921
4-(3-Methyl-2-butenyl)-1,2-diphenyl-3,5-pyrazolidinedione	4619	Methyl 7-chloro-6,7,8-trideoxy-6-(cis-4-pentyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galacto-octapyranoside, monohydrochloride, mixture with methyl 7-chloro-6,7,8-trideoxy-6-(trans-4-pentyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galacto-octa-pyranoside monhydrochloride	4922
[5-[(3-Methyl-2-butenyl)oxy]-2-[p-[(3-methyl-2-butenyl)oxy]cinnamoyl]phenoxy]acetic acid	6526, 7758	Methyl 7-chloro-6,7,8-trideoxy-6-cis-4-ethyl-L-pipecolamido)-1-thio-L-threo- α -D-galacto octopyranoside	2284
3-Methylbutyl p-(dimethylamino)benzoate	9628	Methyl 7-chloro-6,7,8-trideoxy-6-cis-4-ethyl-L-pipecolamido)-1-thio-L-threo- α -D-galactooctopyranoside monohydrochloride	2285
Methyl tert-Butyl Ether	7545	3-Methyl-4(H)-chromen-4-one	9792
($\pm$)-Methyl (Z)-7-[(1R,2R,3R)-2-[(E)-(4RS)-4-butyl-4-hydroxy-1,5-hexadienyl]-3-hydroxy-5-oxocyclopentyl]-5-heptenoate	9881	methylchromone	9792
5-(1-Methylbutyl)-5-[2-(methylthio)ethyl]-2-thiobarbituric acid	9401	Methylcobaz	9935
5-(1-Methylbutyl)-5-vinyl-2,4,6(1H,3H,5H)-pyrimidinetrione	9470	methylcoffanolamine	7768
1-(Methylcarbamoyl)-3-[[3-(5-nitro-2-furyl)allylidene]amino]2-imidazolidinone	2228	β -Methylcyclohexaneacrylic acid	7553
methylcatechol	8164	p-(trans-2-Methylcyclohexyl)hydratropic acid	660
methyl CCNU	5314	($\pm$)-5-[p-[(1-Methylcyclohexyl)methoxy]benzyl]-2,4-thiazolidinedione	3327
trans-Methyl-CCNU	5314	($\pm$)-Methyl-(Z)-7-[(1R,2R,3R)-2-[(1E,5E)-(4RS)-6-(1-cyclopenten-1-yl)-4-hydroxy-4-methyl-1,5-hexadienyl]-3-hydroxy-5-oxocyclopentyl]-5-heptenoate	6518
Methyl Chloride	976	Methyl 5-(cyclopropylcarbonyl)-2-benzimidazole carbamate	1166
Methyl (3R,5S,7R,9S)-9-[3'-(2-chloroethyl)-6,7-didehydro-4 β -hydroxy-16-methoxy-1-methyl-2',4'-dioxo-2 β ,3 β ,5 α ,12 β ,19 α -spiro[aspidospermidine-3,5'-oxazolidin]-15-yl]-5-ethyl-1,4,5,6,7,8,9,10-octahydro-5-hydroxy-2H-3,7-methanoazacyclo-undecino[5,4-b]indole-9-carboxylate	5398	6-Methyl- Δ^6 -deoxymorphine	392
-4'-acetate (ester) sulfate (1:1) (salt)	5398	Methyl-6-deoxy-6-[(2R,3R,4R,5S)-3,4,5-trihydroxy-2-(hydroxymethyl)piperidino]- α -D-glucopyranoside sesquihydrate	3324
Methyl 3-[3-(2-chloroethyl)-3-nitrosoureido]-2,3-dideoxy- α -D-arabinohexapyranoside	5112	Methyl-desorphine	392
Methyl 2-[(1-chloro-2-naphthyl)oxy]propionate	639, 4664	N-Methyl-5H-dibenzo[a,d]cycloheptene-5-propylamine	3250
Methyl 5-chlorooxazolo[4,5-h]quionline-2-carboxylate	1782	N-Methyl-5H-dibenzo[a,d]cycloheptene-5-propylamine hydrochloride	3251
3-methyl-4-chlorophenol	6038	Methyl-2,10-dichloro-12H-dibenzo[d,g][1,3]dioxocin-6-carboxylate	4100
Methyl (+)-(S)- α -(o-chlorophenyl)-6,7-dihydrothieno[3,2-c]pyridine-5(4H)-acetate	6293	Methyl 6,8-dideoxy-6-trans-(1-methyl-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-D-erythro- α -D-galactooctopyranoside	2175
Methyl (+)-(S)- α -(o-chlorophenyl)-6,7-dihydrothieno[3,2-c]pyridine-5(4H)-acetate sulfate (1:1)	6294	Methyl 6,8-dideoxy-6-trans-(1-methyl-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-D-erythro- α -D-galactooctopyranoside	2176
Methyl 7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctopyranoside	2170	Methyl 2-[2-(diethylamino)acetamido]-m-toluate	1029
Methyl 7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctopyranoside 2-(dihydrogen phosphate)	2174	Methyl 2-[2-(diethylamino)acetamido]-m-toluate	
Methyl 7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-4-propyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo- α -D-galactooctopyranoside	2171		
Methyl 7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-			

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hydrochloride	1030	4,4'-(1-Methyl-1,2-ethanediy)bis-2,6-piperazinedione	5099, 5302
Methyl 1-[2-(diethylamino)ethyl]-18β-hydroxy-11,17α-dimethoxy-3β,20α-yohimban-16β-carboxylate	4148	1,1'-[(Methylethanediy)liden]dinitrilo	5228
Methyl 1-[2-(diethylamino)ethyl]-18β-hydroxy-11,17α-dimethoxy-3β,20α-yohimban-16β-carboxylate bitartrate (salt)	4149	N-Methyl-9,10-ethanoanthracene-9(10H)-methylamine	8815, 9299
Methyl 7-(diethylamino)-4-hydroxy-6-propyl-3-quinolinecarboxylate	4888	N-Methyl-9,10-ethanoanthracene-9(10H)-methylamine hydrochloride	8816, 9300
Methyldihydromorphine	393	N-Methyl-9,10-ethanoanthracene-9(10H)-propylamine	3177
methyldihydromorphinone	394	N-Methyl-9,10-ethanoanthracene-9(10H)-propylamine hydrochloride	3178
methyldihydromorphinone hydrochloride	395	N-Methyl-9,10-ethanoanthracene-9(10H)-methylamine	6680
Methyl (E,Z)-(1R,2R,3R,5S)-7-[3,5-dihydroxy-2-[(3S)-(3-hydroxy-3-methyl-1-octenyl)]cyclopentyl]-5-heptenoate	9027	N-Methyl-9,10-ethanoanthracene-9(10H)-methylamine hydrochloride	6681
Methyl (E,Z)-(1R,2R,3R,5S)-7-[3,5-dihydroxy-2-[(3S)-(3-hydroxy-3-methyl-1-octenyl)]cyclopentyl]-5-heptenoate	9155	(±)-α-[[[(1-Methylethyl)amino]methyl]-4-nitrobenzene methanol	1443
(±)-Methyl 7-[(1R*,2R*,3R*,5S*)-3,5-dihydroxy-2-[(E)-3-hydroxy-3-methyl-1-octenyl]cyclopentyl]-4,5-heptadienoate	9177	(±)-α-[[[(1-Methylethyl)amino]methyl]-4-nitrobenzene methanol hydrochloride	1444
N-Methyldiphenethylamine	7140	1-[3-[(1-Methylethyl)amino]-2-pyridinyl]-4-[5-[(methylsulfonyl)amino]-1H-indol-2-yl]carbonyl piperazine	6575
α-methyldiphenhydramine	3961	1-[3-[(1-Methylethyl)amino]-2-pyridinyl]-4-[5-[(methylsulfonyl)amino]-1H-indol-2-yl]carbonyl piperazine monomethanesulfonate	6576
p-Methyldiphenhydramine	3958	N-(1-Methylethyl)-4,4-diphenylcyclohexanamine	6235
α-methyldopa	4316	N-(1-Methylethyl)-4,4-diphenylcyclohexanamine hydrochloride	6236
Methyldopa	4316	1-(1-Methylethyl)-4,4-diphenylpiperidine	8770
Methyldopa Ethyl Ester Hydrochloride	4317	1-(1-Methylethyl)-4,4-diphenylpiperidine hydrochloride	8771
methyldopate hydrochloride	4317	[2-(1-Methylethyl)-1H-indol-3-yl]-3-pyridinyl methanone	6328
Methyl(3α,16α)-eburnamenine-14-carboxylate	7418	N-(1-Methylethyl)-4-[(2-methylhydrazino) methyl]benzamide monohydrochloride	5204
endo-α-Methylenebenzeneacetic acid		N-(1-Methylethyl)-4-[(2-methylhydrazino) methyl]benzamide monohydrochloride	5253
8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester	6170	N-(1-Methylethyl)-4-[(2-methylhydrazino) methyl]benzamide	5294
2,2'-Methylenebis(4-chlorophenol)	1168	N-(1-Methylethyl)-4-[(2-methylhydrazino) methyl]benzamide monohydrochloride	5295
4,4'-Methylenebis(cyclohexyltrimethylammonium) diiodide	8871	O-Methyl [2-(2-ethyl-5-nitroimidazol-1-yl)ethyl]thiocarbamate	5629
5,5'-Methylenebis[4,6-dihydroxy-2-methoxy-3-methylisobutyrophenone]	1186	1-[(1-Methylethyl)sulfonyl]-6-(1-phenyl-1-propenyl)-1H-benzimidazol-2-amine	6585
3,3'-Methylenebis[4-hydroxycoumarin]	2878	(±)-Methyl-3-ethyl-2,3,3a,4-tetrahydro-1H-indolo[3,2,1-de][1,5]naphthyridine-6-carboxylate	9020
4,4'-Methylenebis(tetrahydro-1,2,4-thiadiazine 1,1-dioxide)	2298	(±)-Methyl-3-ethyl-2,3,3a,4-tetrahydro-1H-indolo[3,2,1-de][1,5]naphthyridine-6-carboxylate hydrochloride	9021
2,2'-Methylenebis[3,4,6-trichlorophenol]	6069	4-(1-Methylethyl)-2-[3-(trifluoromethyl)phenyl]-morpholine	3226
5,5'-Methylenebis[2,4,6-trihydroxy-3-methyl isobutyrophenone] 4'-methyl ether	1187	4-(1-Methylethyl)-2-[3-(trifluoromethyl)phenyl]-morpholine monohydrochloride	3227
Methylene Blue	3481, 4947	α-Methylfluorene-2-acetic acid	4570
1-[(E)-3,4-(Methylenedioxy)cinnamoyl]piperidine	2952	Methyl 5-(p-fluorobenzoyl)-2-benzimidazole carbamate	5575
3,4-(Methylenedioxy)mandelamide	4351		
Methyleneditannin	6862		
Methylephedrine	7207		
N-Methylephedrine	7207, 7708		
methylergobasine	9035		
Methylergobrevin	9036		
methylergol carbamide	4972, 7997, 9143		
2-Methyl-α-ergocryptine	7960		
methylergometrine	9035		
Methylergonovine	9035		
Methylergonovine Maleate	9036		
Methylergonovine Tartrate	9037		
1-Methylergotamine	654, 4976		
6-O-Methylerythromycin	2181		

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methylflurether	851	Methyl 7-[(1R*,2R*,3R*)-3-hydroxy-2-	
9-methylfolic acid	5258	[(E)-(3R*)-3-hydroxy-4-phenoxy-1-butenyl]-	
Methyl 6-formyl-4,7,9-trihydroxy-1-phenazine		5-oxocyclopentyl]-4,5-heptadienoate	6479, 9160
carboxylate	3702	Methyl (1R,2R,3R)-3-hydroxy-2-[(1E,4R)-	
3-(5-Methylfurfuryl)-2-(4-piperidiylamino)-3H-		4-hydroxy-4-(1-propylcyclobutyl)-1-	
imidazo[4,5-b]pyridine	3963	butenyl]-5-oxocyclopentaneheptanoate	7128
N-Methylglucamine Antimonate	5609	(±)-Methyl p-[2-hydroxy-3-(isopropylamino)	
N-[1-[N-[N-[N-[N-[N ² (N-Methylglycyl-L-		propoxy]hydrocinnamate	1585, 7028
arginyll]-L-valyl]-L-tyrosyl]-L-valyl]-L-histidyl]-		(±)-Methyl p-[2-hydroxy-3-(isopropylamino)	
L-prolyl]-L-alanine	4401	propoxy]hydrocinnamate hydrochloride	1586, 7029
N-[1-[N-[N-[N-[N-[N ² (N-Methylglycyl-L-		Methyl 18β-hydroxy-17α-methoxy-3β,20α-	
arginyll]-L-valyl]-L-tyrosyl]-L-valyl]-L-histidyl]-		yohimban-16β-carboxylate 3,4,5-	
L-prolyl]-L-alanine acetate (salt) hydrate	4402	trimethoxybenzoate (ester)	4209
N-Methylglycyl-N-[3-[[[(1,1-dimethylethyl)amino]		Methyl 18β-hydroxy-17α-methoxy-3β,20α-	
carbonyl](3-methylbutyl)amino]-2-hydroxy-1-		yohimban-16β-carboxylate 3,4,5-	
(phenylmethyl)propyl]-3-methyl-L-valinamide	6582	trimethoxybenzoate (ester) hydrochloride (1:1)	4210
N-Methylglycyl-N-[3-[[[(1,1-dimethylethyl)amino]		7-Methyl-17-hydroxy-3-oxo-17α-pregn-4-ene-	
carbonyl](3-methylbutyl)amino]-2-hydroxy-1-		7α,21-dicarboxylic acid	78
(phenylmethyl)propyl]-3-methyl-L-		2-Methyl-3β-hydroxy-1αH,5αH-tropane-	
valinamide monohydrochloride	6583	2β-carboxylate benzoate (ester)	930
(1-Methylheptyl)hydrazine	3220, 8760	2-Methyl-3β-hydroxy-1αH,5αH-tropane-	
(1-Methylheptyl)hydrazine sulfate	3221, 8761	2β-carboxylate benzoate (ester) hydrochloride	931
methylhexabarbital	876	1-Methylimidazole-2-thiol	4460
4-Methyl-2-hexanamine	135	Methyl (±)-m-(α-imidazol-1-ylbenzyl)hydratropate	693
Methylhexaneamine	135	2-[[2-[[[(5-Methylimidazol-4-yl)methyl]thio]	
Methyl (±)-4-[[[(3aR*,4R*,5R*,6aS*)-3,3a,4,5,6,6a-		ethyl]amino]-5-piperonyl-4-(1H)-	
hexahydro-5-hydroxy-4-[(E)-(3S*)-3-hydroxy-1-		pyrimidinone	7903, 8388
octenyl]cyclopenta[b]pyrrol-2-yl]thio]butyrate	9181	2-[[2-[[[(5-Methylimidazol-4-yl)methyl]thio]	
1-Methylhexylamine	189, 7798	ethyl]amino]-5-piperonyl-4-(1H)-	
1-Methylhexylamine sulfate (2:1)	190	pyrimidinone dihydrochloride	7904, 8389
Methyl 18β-hydroxy-11,17α-dimethoxy-		2-[[2-[[[(5-methylimidazol-4-yl)methyl]thio]	
3β,20α-yohimban-16β carboxylate		ethyl]amino]-5-piperonyl-4-(1H)-	
3,4,5-trimethoxybenzoate (ester)	4398	pyrimidinone dimethanesulfonate	7905, 8390
17α-Methyl-17β-hydroxyestr-4-en-3-one	829	[4-(2-Methylimidazol-5-yl)-2-thiazolyl]	
Methyl (E)-7-[(1R,2R,3R)-3-hydroxy-2-		guanidine dihydrochloride	7944, 8385
[(E)-(3R)-3-hydroxy-4,4-dimethyl-1-		[(Methylimino)diethylene]bis(ethyl	
octenyl]-5-oxocyclopentyl]-2-heptenoate	2	dimethylammonium bromide)	4128
Methyl (E)-7-[(1R,2R,3R)-3-hydroxy-2-		(-)-(R)-Methylindol-3-yl-4,5,6,7-tetrahydro-5-	
[(E)-(3R)-3-hydroxy-4,4-dimethyl-1-		benzimidazolyl ketone	9519
octenyl]-5-oxocyclopentyl]-2-heptenoate	9163	N-methylisatin 3-thiosemicarbazone	6619
Methyl (E)-7-[(1R,2R,3R,-)-3-hydroxy-2-		Methylisomin	1089
[(E)-(3R)-3-hydroxy-4,4-dimethyl-1-		N ¹ -(3-Methyl-5-isothiazolyl)sulfanilamide	2510
octenyl]-5-oxocyclopentyl]-2-heptenoate	9033	5-Methyl-3-isoxazolecarboxylic acid 2-	
(±)-Methyl(1R,2R,3R)-3-hydroxy-2-[(E)-		benzylhydrazide	3162, 8754
(4RS)-4-hydroxy-4-methyl-1-octenyl]-		N ¹ -(5-Methyl-3-isoxazolyl)sulfanilamide	2481, 5540
5-oxocyclopentaneheptanoate	6493	methylmelubrin	564, 5925
Methyl (-)-(1R,2R,3R)-3-hydroxy-2-[(E)-(3S,5S)-3-		methylmercadone	2222, 3720, 5602
hydroxy-5-methyl-1-nonenyl]-ε,5-dioxo		methylmethioninesulfonium chloride	9978
cyclopentaneheptanoate	6501	N-Methyl-β-methoxy-m-(trifluoromethyl)	
Methyl (-)-(1R,2R,3R)-3-hydroxy-2-[(e)-		phenethylamine	3548
(3S,5S)-3-hydroxy-5-methyl-1-nonenyl]-ε,5-		3-Methyl-3-[3-(methylamino)propyl]-1-phenyl-	
dioxocyclopentaneheptenoate	9171	2-indolinone	3024
(±)-Methyl (1R,2R,3R)-3-hydroxy-2-[(E)-(4RS)-4-		3-Methyl-3-[3-(methylamino)propyl]-1-phenyl-	
hydroxy-4-methyl-1-octenyl]-5-oxocyclo-		2-indolinone monohydrochloride	3025
pentaneheptanoate	9168	3-Methyl-3-[3-(methylamino)propyl]-1-	
(±)-Methyl(Z)-7-[(1R,2R,3R)-3-hydroxy-2-[(E)-		phenylindoline	3078
(4RS)-4-hydroxy-4-methyl-1-octenyl]-5-		3-Methyl-3-[3-(methylamino)propyl]-1-	
oxocyclopentyl]-4-heptenoate	6478	phenylindoline mono-p-toluenesulfonate	3079

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1-Methyl-N-(9-methyl-endo-9-azabicyclo[3.3.1]non-3-yl)-1H-imidazole-3-carboxamide	3552, 9504	2-Methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine	5814
1-Methyl-N-(9-methyl-endo-9-azabicyclo[3.3.1]non-3-yl)-1H-imidazole-3-carboxamide hydrochloride	3553, 9505	2-Methyl-5-(4-methyl-1-piperazinyl)-11H-s-triazolo[1,5-c]benzodiazepine	5695
4'-[[4-Methyl-6-(1-methyl-2-benzimidazolyl)-2-propyl-1-benzimidazolyl]methyl]-2-biphenyl carboxylic acid	1043	2-Methyl-5-(4-methyl-1-piperazinyl)-11H-s-triazolo[1,5-c]benzodiazepine maleate (1:1)	5696
6-Methyl-N-(3-methylbutyl)-2-heptanamine	6224	N-Methyl-3-(1-methyl-4-piperidinyl)indole-5-ethanesulfonamide	4979
1-Methyl-3-[p-[[3-(4-methylcyclohexyl)ureido]sulfonyl]phenethyl]-1-(2-pyridyl)urea	3352	N-Methyl-3-(1-methyl-4-piperidinyl)indole-5-ethanesulfonamide monohydrochloride	4980
(±)-α-Methyl-3,4-(methylenedioxy)phenethylamine	7724	D-(+)-1-Methyl-1-(1-methyl-2-piperidyl)ethyl diphenylacetate	991
5-Methyl-2-(1-methylethyl)cyclohexanol	5647	1-[m-[3-[[1-Methyl-3-[(methylsulfonyl)methyl]-1H-1,2,4-triazol-5-yl]amino]propoxy]benzyl]piperidine	7926, 8382
3-Methyl-5-(1-methylethyl)-2-cyclohexen-1-one	7694	4-Methyl-5-[p-(methylthio)benzoyl]-4-imidazolin-2-one	7455
1-Methyl-4-(1-methylethyl)-2,3-dioxabicyclo[2.2.2]oct-5-ene	1155	1-Methyl-2-[[p-(methylthio)phenoxy]methyl]-5-nitroimidazole	1180
2-Methyl-5-(1-methylethyl)phenol	1165, 6027	Methylmitomycin	5292, 5303
5-Methyl-2-(1-methylethyl)phenol	1227	Methyl mitomycin C	5292, 5303
1-Methyl-5-(1-methylethyl)-5-(2-propenyl)-2,4,6-(1H,3H,5H)-pyrimidinetrione	9356	N-Methylmitomycin C	5292, 5303
1-Methyl-5-(1-methylethyl)-5-(2-propenyl)-2,4,6-(1H,3H,5H)-pyrimidinetrione sodium	9357	d-3-methyl-N-morphinan	6395
(±)-Erythro-α-methyl-β-[3,4-(methylenedioxy)phenyl]-4-morpholineethanol	592	17-Methyl-9α,13α,14α-morphinan-3-ol hydrochloride	332
(endo,syn)-8-Methyl-8-(1-methylethyl)-3-[(1-oxo-2-propylpentyl)oxy]-8-azoniabicyclo[3.2.1]octane bromide	6244	17-Methylmorphinan-3-ol	379
1-Methyl-3-[2-[[5-methylimidazol-4-yl)methyl]thio]ethyl]-2-thiourea	7895, 8387	17-Methylmorphinan-3-ol tartrate (1:1) (salt) dihydrate	380, 381
N-Methyl-N-[4-[(7-methyl-1H-imidazo[4,5-f]quinolin-9-yl)amino]phenyl]acetamide	4998	Methylmorphine	316
N-Methyl-N-[4-[(7-methyl-1H-imidazo[4,5-f]quinolin-9-yl)amino]phenyl]acetamide mono hydrochloride	4999	α-Methyl-1-naphthaleneacetic acid 1,4-piperazinediyl-di-2,1-ethanediyl ester	6222
Methyl 6-methyl-2-[[3-methyl-2-pyridyl)methyl]sulfinyl]-5-benzimidazolecarboxylate	6503, 7754	2-Methyl-1,4-naphthalenediol	9936
O-Methyl [2-(2-methyl-5-nitroimidazol-1-yl)ethyl]thiocarbamate	5568	2-Methyl-1,4-naphthalenediol bis(dihydrogen phosphate) tetrasodium salt hexahydrate	9939
1-Methyl-1-[1-methyl-2-oxo-2-(10H-phenothiazin-10-yl)ethyl]pyrrolidinium bromide	6238	2-Methyl-1,4-naphthalenediol diacetate	9937
(+)-N-Methyl-N-(α-methylphenethyl)furfurylamine	1064	2-Methyl-1,4-naphthalenediol dibutyrate	9938
(±)-N-Methyl-N-(α-methylphenethyl)furfurylamine	1079	(S)-N-Methyl-γ-(1-naphthalenyloxy)-2-thiophene propanamine	3110
(±)-N-Methyl-N-(α-methylphenethyl)furfurylamine cyclohexylsulfamate	1080	(S)-N-Methyl-γ-(1-naphthalenyloxy)-2-thiophene propanamine monohydrochloride	3111
(+)-N-Methyl-N-(α-methylphenethyl)furfurylamine cyclohexylsulfamate	1065	2-Methyl-1,4-naphthoquinone	9940
(-)-Methyl cis-3-methyl-1-phenethyl-4-(N-phenyl propionamido)isonipicotate	382	2-Methyl-1,4-naphthoquinone dimethylpyrimidinol bisulfite	9941
(-)-Methyl cis-3-methyl-1-phenethyl-4-(N-phenyl propionamido)isonipicotate oxalate (1:1)	383	3-Methyl-1-[2-(2-naphthyloxy)ethyl]-2-pyrazolin-5-one	6325
(±)-α-Methyl-N-(1-methyl-2-phenoxyethyl)benzeneethanamine	6242	5-Methyl-1,6-naphthyridin-2(1H)-one	7482
N-Methyl-2-[(o-methyl-α-phenylbenzyl)oxy]ethylamine	2837	4-Methyl-4'-(p-nitroanilino)thio-1-piperazine carboxanilide	1144
N-Methyl-2-[(o-methyl-α-phenylbenzyl)oxy]ethylamine hydrochloride	2838	(±)-4-Methyl-1-[[5-nitrofurfurylidene]amino]-2-imidazolidinone	2227
2-Methyl-11-(4-methyl-1-piperazinyl)dibenzo[b,f][1,4]thiazepine	5796	2-Methyl-6-[2-(5-nitro-2-furyl)vinyl]-4-pyrimidinol	2242
		2-Methyl-5-nitroimidazole-1-ethanol	5594, 5595
		2-Methyl-5-nitroimidazole-1-ethanol carbamate	5566
		2-Methyl-5-nitroimidazole-1-ethanol dihydrogen phosphate (ester)	5596
		4-[2-(2-Methyl-5-nitroimidazole-1-yl)ethyl]pyridine	1340
		1-Methyl-7-nitroimidazole-2-methanol carbamate ester	5622

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1-(1-Methyl-5-nitroimidazol-2-yl)-3-(methyl sulfonyl)-2-imidazolidinone	1348, 2292	Methylol Riboflavin	8083
3-[[[(1-Methyl-5-nitroimidazol-2-yl)methylene] amino]-5-(morpholinomethyl)-2-oxazolidinone	5601	Methyloxan	2772, 8881
6-[(1-Methyl-4-nitroimidazol-5-yl)thio]purine	1701, 8437	(-)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)butyl]morpholine	378
6-[(1-Methyl-4-nitroimidazol-5-yl)thio]purine sodium salt	1702, 8438	(6R,7R)-3-Methyl-8-oxo-[2-[p-(1,4,5,6-tetrahydro-2-pyrimidinyl)phenyl]acetamido]-5-thia-1-aza bicyclo[4.2.0]oct-2-ene-2-carboxylic acid	1987
2-Methyl-4-nitro-1-(4-nitrophenyl)-1H-imidazole	10003	Methyl Palmoxirate	3387
5-Methyl-2-nitro-7-oxa-8-mercurabicyclo[4.2.0]octa-1,3,5-triene	6111	methylparafynol	9395
N-Methyl-2-(m-nitrophenyl)-N-[(1S,2S)-2-(1-pyrrolidinyl)-1-indanyl]acetamide	7901	methylpartricin	3705, 5544, 5591
7-O-Methylnogarol	5210	3-Methyl-2,4-pentanedioildicarbamate	6785
7(R)-O-Methylnogarol	5210	3-Methyl-3-pentanol carbamate	6714
11β-Methyl-19-nor-17α-pregn-4-ene-20-yne 3β,17-diol	9109	4-Methyl-3-penten-2-one (1-phthalazinyl) hydrazone	91, 4155
11β-Methyl-19-nor-17α-pregn-4-ene-20-yne 3β,17-diol diacetate	9110	methylpentynol	9395
2-Methyl-7-oxa-8-mercurabicyclo[4.2.0]octa-1,3,5-triene	6084	3-Methyl-1-pentyn-3-ol	9395
4-Methyl-7-oxa-8-mercurabicyclo[4.2.0]octa-1,3,5-triene	6085	3-Methyl-1-pentyn-3-ol carbamate	9396
1-(4-Methyl-3-oxo-4-aza-5α-androstane-17β-carbonyl)-1,3-diisopropylurea	5366	methylperone	5788
(±)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)butyl]morpholine	454	5-Methyl-5-(3-phenanthryl)hydantoin	2964
(+)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)butyl]morphine	329	5-Methyl-5-(3-phenanthryl)hydantoin Sodium Salt	2965
(+)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)butyl]morphine bitartrate	330	5-Methyl-5-(3-phenanthrenyl)-2,4-imidazolidinedione	2964
(+)-4-[2-Methyl-4-oxo-3,3-diphenyl-4-(1-pyrrolidinyl)butyl]morpholine bitartrate	5746	5-Methyl-5-(3-phenanthrenyl)-2,4-imidazolidinedione sodium salt	2965
3,3-Methyl-7-oxo-6-[2-(phenylthio)acetamido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid	2148	(±)-α-Methylphenethylamine	1048, 7639
3,3-Methyl-7-oxo-6-[2-(phenylthio)acetamido]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid potassium salt	2149	(+)-α-Methylphenethylamine	7667
(Z)-3-Methyl-4-oxo-5-(1-piperidino-Δ ^{2,α} thiazolidine acetic acid	7907	(+)-α-Methylphenethylamine phosphate	7668
[3-Methyl-4-oxo-5-(1-piperidinyl)-2-thiazolidinylidene] acetic acid ethyl ester	7870	(+)-α-Methylphenethylamine sulfate	1063
17β-Methyl-17-(1-oxopropyl)estra-4,9-dien-3-one	9131	(+)-α-Methylphenethylamine sulfate	7669
N-[[[(3R,6R)-6-Methyl-5-oxo-3-thiomorpholinyl] carbonyl]-L-histidyl-L-prolinamide	9583	7-[2-[(α-Methylphenethyl)amino]methyl] theophylline	7686
[2S-(2α,3β,5β)]-3-Methyl-7-oxo-3-(1H-1,2,3-triazol-1-ylmethyl)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4 dioxide	2144, 2641	7-[2-[(α-Methylphenethyl)amino]methyl] theophylline monohydrochloride	7687
[2S-(2α,3β,5β)]-3-Methyl-7-oxo-3-(1H-1,2,3-triazol-1-ylmethyl)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4 dioxide sodium salt	2145, 2642	(±)-3-[(α-Methylphenethyl)amino]propionitrile	1075
(2-Methyl-2-nonyl-1,3-dioxolan-4-yl)methyl carbamate	1260	(±)-3-[(α-Methylphenethyl)amino]propionitrile hydrochloride	1076
17α-Methyl-19-nor-Δ ^{4,9} -pregnadiene-3,20-dione	9079	(±)-2-[3-(Methylphenethylamino)propyl]-2-phenyltetradecanenitrile	7359
methylnortestosterone	829	N-[2-(Methylphenethylamino)propyl]propionanilide	337
methylol (1 - 3 methylol groups) derivatives of riboflavin, mixture of	8083	(±)-(1-Methyl-2-phenylethyl)hydrazine	4369
		(1-Methyl-2-phenylethyl)hydrazine	4368
		(±)-(1-Methyl-2-phenylethyl)hydrazine hydrochloride	4370
		3-(α-Methylphenethyl)-N-(phenylcarbamoyl) sydnone imine	7703,
		N-(α-Methylphenethyl)-2-phenylglycinonitrile	7640,
		Methyl 1-phenethyl-4-(N-phenylpropionamido) isonipecotate	312,
		Methyl 1-phenethyl-4-(N-phenylpropionamido) isonipecotate citrate (1:1)	313,
		(5)-1-(α-Methylphenethyl)-3-(p-tolylsulfonyl)urea	1479,
		Methylphenidate	7704,
		Methylphenidate Hydrochloride	7705,
		3-methylphenol	3709,
		10-Methylphenothiazine-2-acetic acid	4682,
		1-Methyl-1-(1-phenothiazin-10-ylcarbonylethyl) pyrrolidinium bromide	2816,
		(±)-1-Methyl-3-(phenothiazin-10-ylmethyl) quinuclidinium iodide	1272, 3949,

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2-[2-[4-[2-Methyl-3-(10H-phenothiazin-10-yl)propyl]-1-piperazinyl]ethoxy]ethanol	5748,	benzodiazepine-2,4(3H,5H)-dione	6810
1-(Methyl-2-phenoxyethyl)hydrazine	3236,	4-[5-(4-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl] benzenesulfonamide	1705
1-(Methyl-2-phenoxyethyl)hydrazine maleate (1:1)	3237,	4-[5-(4-Methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl] benzenesulfonamide	4569
(1-Methyl-2-phenoxy)hydrazine	8766,	(±)-N-Methyl-3-phenyl-3-[(α,α,α-trifluoro-p-tolyl)oxy]propylamine	9529
(1-Methyl-2-phenoxy)hydrazine maleate	8767,	(±)-N-Methyl-3-phenyl-3-[(α,α,α-trifluoro-p-tolyl)oxy]propylamine hydrochloride	9530
5-[(o-Methylphenoxy)methyl]-2-oxazolidinone	6760, 8876	(±)-N-Methyl-3-phenyl-3-[(α,la,α-trifluoro-p-tolyl)oxy]propylamine	3135
3-(o-Methylphenoxy)-1,2-propanediol	8874	(±)-N-Methyl-3-phenyl-3-[(α,la,α-trifluoro-p-tolyl)oxy]propylamine hydrochloride	3136
3-(o-Methylphenoxy)-1,2-propanediol carbamate	8875	3-Methyl-2-phenylvaleric acid 1-methyl-4-piperidyl ester methosulfate	2788
N-Methyl-D-phenylalanyl-N-[(1S)-1-formyl-4-guanidinobutyl]-L-prolinamide	6303	1-Methyl-2',6'-pipecoloxylidide	970
N-Methyl-D-phenylalanyl-N-[(1S)-1-formyl-4-guanidinobutyl]-L-prolinamide sulfate (1:1)	6304	1-Methyl-2',6'-pipecoloxylidide hydrochloride	971
3-Methyl-5-Phenylhydantoin	2963	4-Methyl-1-piperazineacetic acid (5-nitrofurfurylidene)hydrazide	2234
5-Methyl-2-phenylimidazole-4-acetonitrile	9692	4-Methyl-1-piperazinecarboxylic acid 7-ester with (-)-N-[1S,2R,3E,5E,7S,9E,11E,13S,15R,19R]-7,13-dihydroxy-1,4,10,19-tetramethyl-17,18-dioxo-16-oxabicyclo[13.2.2]nonadeca-3,5,9,11-tetraen-2-yl]pyruvamide	2147
5-Methyl-2-phenylimidazole-4-acetonitrile fumarate (1:1)	9693	4-Methyl-1-piperazinecarboxylic acid ester with 6-(5-chloro-2-pyridyl)-6,7-dihydro-7-hydroxy-5H-pyrrolo[3,4-b]pyrazin-5-one	9476
3-Methyl-5-phenyl-2,4-imidazolidinedione methyl-β-phenylisopropylamine	1088	4-Methylpiperazine-1-carboxylic acid ester with (±)-6-(7-chloro-1,8-naphthyridin-2-yl)-2,3,6,7-tetrahydro-7-hydroxy-5H-p-dithiino[2,3-c]pyrrol-5-one	6803
2-(3-Methyl-2-phenylmorpholino)ethyl 2-phenyl butyrate	1070	(E)-5-(4-Methyl-1-piperazinyl)-9H-dithieno[3,4-b:3',4'-3]-azepine-Δ ^{9α} -acetonitrile	5864
2-(3-Methyl-2-phenylmorpholino)ethyl 2-phenyl butyrate hydrochloride	1071	5-(4-Methyl-1-piperazinyl)imidazo[2,1-b][1,3,5]benzothiadiazepine maleate (1:1)	5822
(±)-5-[p-[3-(5-Methyl-2-phenyl-4-oxazolyl)propionyl]benzyl]-2,4-thiazolidinedione sodium salt	3331	6-(4-Methyl-1-piperazinyl)morphanthridine	9420
(±)-5-[p-[3-(5-Methyl-2-phenyl-4-oxazolyl)propionyl]benzyl]-2,4-thiazolidinedione	3330	10-[3-(4-Methyl-1-piperazinyl)propyl]-10H-phenothiazine	5823
(±)-N-Methyl-2-phenylsuccinimide	2981	1-[10-[3-(4-Methyl-1-piperazinyl)propyl]phenothiazin-2-yl]-1-butanone	5710
Methyl α-phenyl-2-piperidine acetate	7704	1-[10-[3-(4-Methyl-1-piperazinyl)propyl]phenothiazin-2-yl]-1-butanone dimaleate (1:2)	5711
Methyl α-phenyl-2-piperidine acetate hydrochloride	7705	10-[3-(4-Methyl-1-piperazinyl)propyl]-2-(trifluoromethyl)phenothiazine	5885, 9463
1-Methyl-4-phenylpiperidine-4-carboxylic acid isopropyl ester	447	10-[3-(4-Methyl-1-piperazinyl)propyl]-2-(trifluoromethyl)phenothiazine dihydrochloride	5886, 9464
3-Methyl-2-phenylmorpholine	7711	Methyl o-[p-(2-piperidinoethoxy)benzoyl] benzoate	6234
3-Methyl-2-phenylmorpholine hydrochloride	7712	N-(1-Methyl-2-piperidinoethyl)-N-2-pyridinyl propionamide	448
4-[(3-Methyl-2-phenyl-4-morpholino)methyl]antipyrene	668, 4686, 5945	N-(1-Methyl-2-piperidinoethyl)-N-2-pyridinyl propionamide fumarate (1:1)	449
4-[(3-Methyl-2-phenyl-4-morpholino)methyl]antipyrene monohydrochloride	669, 4687, 5946	N-(1-Methyl-2-piperidinoethyl)propionanilide	435
5-Methyl-6-phenyl-3-morpholinone	3125	3-(2-Methylpiperidino)propyl benzoate	992
1-Methyl-4-phenyl-3-(2-propenyl)-4-piperidinol propanoate	293	3-(2-Methylpiperidino)propyl benzoate hydrochloride	993
(E,E)-5-(2-Methyl-3-phenyl-2-propenylidene)-4-oxo-2-thioxo-3-thiazolidineacetic acid	65	3-(2-Methylpiperidino)propyl p-(cyclohexyloxy) benzoate	932
N ¹ -(3-Methyl-1-phenylpyrazol-5-yl)sulfanilamide	2511, 2518		
4-[2-[(4-Methyl-6-phenyl-3-pyridazinyl)amino]ethyl]morpholine	3195		
4-[2-[(4-Methyl-6-phenyl-3-pyridazinyl)amino]ethyl]morpholine dihydrochloride	3196		
5-Methyl-5-phenyl-2,4,6(1H,3H,5H)-pyrimidine trione	2982, 9424		
Methylphenylpyrazolone	5113		
5-Methyl-1-phenyl-2(1H)pyridone	722, 4729, 5963		
N-Methyl-4-[(α-phenyl-o-tolyl)oxy]butylamine	8981		
N-Methyl-4-[(α-phenyl-o-tolyl)oxy]butylamine hydrochloride	8982		
1-Methyl-5-phenyl-7-(trifluoromethyl)-1H-1,5-			

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3-(2-Methylpiperidino)propyl p-(cyclohexyloxy) benzoate hydrochloride	933	Methylprednisolone Suleptanate	4873, 8698
2-Methyl-3-piperidinopyrazine	3199	methylpromazine	5656
2-Methyl-3-piperidinopyrazine sulfate (1:1)	3200	2-[(2-Methylpropyl)amino]ethanol 4-aminobenzoate	919
1-Methyl-5-[[3-[(α -piperidino-m-tolyl)oxy]propyl]amino]-1H-1,2,4-triazole-3-methanol	6488	2-[(2-Methylpropyl)amino]ethanol 4-aminobenzoate hydrochloride	920
1-Methyl-5-[[3-[(α -piperidino-m-tolyl)oxy]propyl]amino]-1H-1,2,4-triazole-3-methanol succinate (salt) (2:1)	6489	2-Methyl-2-(propylamino)-1-propanol benzoate (ester)	972
8-Methyl-6-piperidino-s-triazolo[4,3-b]pyridazine	7280	2-Methyl-2-(propylamino)-1-propanol benzoate (ester) hydrochloride	973
10-[2-(1-Methyl-2-piperidinyl)ethyl]-2-methyl sulfonylphenothiazine	5860	4-Methyl-3-[2-(propylamino)propionamido]-2-thiophenecarboxylic acid methyl ester	924
1-Methyl-4-piperidyl diphenylpropoxyacetate	2814	4-Methyl-3-[2-(propylamino)propionamido]-2-thiophenecarboxylic acid methyl ester hydrochloride	925
1-Methyl-4-piperidyl diphenylpropoxyacetate hydrochloride	2815	2-Methyl-2-(propylamino)-o-propionotoluidide	1019
10-[2-(1-Methyl-2-piperidyl)ethyl]-2-(methylthio) phenothiazine	9453	4-(2-Methylpropyl)benzeneacetic acid	612, 4642
10-[2-(1-Methyl-2-piperidyl)ethyl]-2-(methylthio) phenothiazine monohydrochloride	9454	α -(1-Methylpropyl)benzeneacetic acid 1-methyl-4-piperidinyl ester	6226
10-[2-(1-Methyl-2-piperidyl)ethyl]-2-methylsulfinyl-phenothiazine	5792	α -(1-Methylpropyl)benzeneacetic acid 1-methyl-4-piperidinyl ester methyl sulfate	6227
10-[2-(1-Methyl-2-piperidyl)ethyl]-2-methylsulfinyl-phenothiazine monobenzenesulfonate	5793	Methyl Propyl Ether	859
10-[2-(1-Methyl-2-piperidyl)ethyl]-2-(methylthio) phenothiazine	5869	Methyl n-propyl ether	859
10-[2-(1-Methyl-2-piperidyl)ethyl]-2-(methylthio) phenothiazine monohydrochloride	5870	2-Methyl-2-propyl-1,3-propanediol dicarbamate	6763, 9398
($\pm$)-2'-[2-(1-Methyl-2-piperidyl)ethyl]vanillinilide	1616	2-Methyl-2-propyl-1,3-propanediol carbamate isopropylcarbamate	8819
1-Methyl-4-piperidyl glyoxylate 2-[bis(p-chloro phenyl)acetal]	4063	m-(1-Methyl-3-propyl-3-pyrrolidinyl)phenol	734
5-(1-Methyl-4-piperidylidene)-5H-[1]benzo pyrano[2,3-b]pyridine	7118	m-(1-Methyl-3-propyl-3-pyrrolidinyl)phenol hydrochloride	735
5-(1-Methyl-4-piperidylidene)-5H-[1]benzo pyrano[2,3-b]pyridine maleate (1:1)	7119	Methyl 5-(propylsulfinyl)-2-benzimidazolecarbamate	1142
1-Methyl-4-piperidyl 3-methyl-2-phenylvalerate ester	2787	N-Methyl-N,2-propynylbenzylamine	4355
10-[1-(Methyl-3-piperidyl)methyl]phenothiazine	5790	N-Methyl-N,2-propynylbenzylamine hydrochloride	4356
10-[1-(Methyl-3-piperidyl)methyl]phenothiazine acetate (1:1)	5791	N-Methyl-N-2-propynylbenzylamine	8762
(+)-1-Methyl-3-piperidyl ($\pm$)- α -phenylcyclohexane glycolate	2812	N-Methyl-N-2-propynylbenzylamine hydrochloride	8763
(+)-1-Methyl-3-piperidyl ($\pm$)- α -phenylcyclohexane glycolate hydrochloride	2813	15-methylprostaglandin E ₂	8191, 9150
7-Methyl-21-potassium-17-hydroxy-3-oxo-17 α -pregn-4-ene-7 α ,21-dicarboxylate dihydrate	77	(15R)-15-methylprostaglandin E ₂	6461
3-Methyl-2-quinoxalinemethanol 1,4-dioxide	2275	(15S)-15-methylprostaglandin F _{2α}	9026
2-Methyl-3-all-trans-polyprenol 1,4-naphthoquinones	9948	(15S)-15-methylprostaglandin F _{2α}	9154
Methylprednisolone	8691	5-Methylpyrazinecarboxylic acid 4-oxide	4020
16 α -methylprednisolone	8702	4-Methyl-5-(pyrazinyl)-3H-1,2-dithiole-3-thione	1199, 5266
16 β -methylprednisone	8690	4-Methylpyrazole	3475
16-methylprednisolone	8720	4-Methyl-2-pyridamine	7414
methylprednisolone 21-(hydrogen succinate)	8695	4-Methyl-2-pyridamine camphorsulfonate	7415
methylprednisolone 21-acetate	8693	4-Methyl-2-pyridamine monohydrochloride	7416
Methylprednisolone Aceponate	8692	4-[2-[1-(6-Methyl-3-pyridazinyl)-4-piperidinyl]ethoxy]benzoic acid ethyl ester	6627
Methylprednisolone Acetate	8693	4-Methyl-2-pyridinamine	484
Methylprednisolone Dihydrogen Phosphate	8694	4-Methyl-2-pyridinamine camphorsulfonate	485
Methylprednisolone Hemisuccinate	8695	1-Methyl-5-(3-pyridinyl)-2-pyrrolidinone	3070
Methylprednisolone Sodium Phosphate	8696	(-)-1-Methyl-5-(3-pyridinyl)-2-pyrrolidinone fumarate (2:1)	3071
Methylprednisolone Sodium Succinate	8697	Methyl 4-Pyridyl Ketone Thiosemicarbazone	4314
		Methyl 4-Pyridyl Ketone Thiosemicarbazone Hydrochloride	4315
		5-Methyl-3-(2-pyridyl)-2H,5H-1,3-oxazino[5,6-c][1,2]benzothiazine-2,4(3H)-dione 6,6-dioxide	4593
		5-[[p-[(3-Methyl-2-pyridyl)sulfamoyl]phenyl]ethynyl]salicylic acid	8426
		N ¹ -(4-Methyl-2-pyrimidinyl)sulfanilamide	2474

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N ¹ -(4-Methyl-2-pyrimidinyl)sulfanilamide sodium salt	2475	pyridine	6541, 7764
N ¹ -(5-Methyl-2-pyrimidinyl)sulfanilamide	2502	4-[4-(Methylsulfonyl)phenyl]-3-phenyl-2(5H)-	
5-Methylpyrrole-2-carboxylic acid 3,3' diester		furanone	4745
with 3,3'-(3-methylpyrrole-2,4-diyl)		17-Methyltestosterone	816
bis(carbonylimino)]bis[7-(5,5-di-C-methyl-		17 α -Methyltestosterone 3-cyclopentyl enol ether	815
4-O-methyl- α -L-lyxopyranosyl)oxy]-4-		Methyl 1,2,3,6-tetrahydro-2,6-dioxo-4-pyrimidine	
hydroxy-8-methylcoumarin sodium salt (5:7)	2259	carboxylate	9656
5-Methylpyrrole-2-carboxylic acid diester		($\pm$)-Methyl tetrahydrofurfuryl-1,4-dihydro-2,6-	
with 3,3'-(3-methylpyrrole-2,4-diyl)		dimethyl-4-(o-nitrophenyl)-3,5-pyridine	
bis(carbonylimino)]bis[4-hydroxy-8-methyl-		dicarboxylate	4248, 7320
7-[(tetrahydro-3,4-dihydroxy-5-methoxy-		($\pm$) Methyl 1,3,4,16b-tetrahydro-2-methyl-2H,10H-	
6,6-dimethylpyran-2-yl)oxy]coumarin	2258	indolo[2,1-c]pyrazino[1.2-a][1,4]benzodiazepin-	
2-Methyl-1-pyrrolidineaceto-o-toluidide	903	16-carboxylate	6800
N-Methyl-N-[(5R,7S,8S)-7-(1-pyrrolidinyl-1-		($\pm$) Methyl 1,3,4,16b-tetrahydro-2-methyl-2H,10H-	
oxaspiro[4.5]-dec-8yl]-4-benzofuranacetamide	571	indolo[2,1-c]pyrazino[1.2-a][1,4]benzodiazepin-	
N-Methyl-N-[(5R,7S,8S)-7-(1-pyrrolidinyl-1-oxa-		16-carboxylate monohydrochloride	6801
spiro[4.5]-dec-8yl]-4-benzofuranacetamide		(2R,4R)-4-Methyl-1-[N ² -[(1,2,3,4-tetrahydro-3-	
chloride	572	methyl-8-quinolyl)sulfonyl]-L-arginyl]	
N-(1-Methyl-2-pyrrolidinylidene)-N'-phenyl-1-		pipecolic acid	2867, 6288
pyrrolidinecarboxamidine	3399	(2R,4R)-4-Methyl-1-[N ² -[(1,2,3,4-tetrahydro-3-	
N-(1-Methyl-2-pyrrolidinylidene)-N'-phenyl-1-		methyl-8-quinolyl)sulfonyl]-L-arginyl]	
pyrrolidinecarboxamidine L-(+)-tartrate(1:1)	3400	pipecolic acid monohydrate	2868, 6289
N-(1-Methyl-2-pyrrolidinylidene)-N'-phenyl-4-		(E,E,E)-2-Methyl-3-(3,7,11,15-tetramethyl-2,6,10,14-	
morpholinecarboxamidine	3380	hexadecatetraenyl)-1,4-naphthalenedione	9945
N-(1-Methyl-2-pyrrolidinylidene)-N'-phenyl-4-		[R-[R*,R*-(E)]]-2-Methyl-3-(3,7,11,15-tetramethyl-	
morpholinecarboxamidine fumarate	3381	2-hexadecenyl)-1,4-naphthalenedione	9955
1-(1-Methyl-2-pyrrolidinylidene)-3-(2,6-xylyl)urea	8931	[R-[R*,R*-(E)]]-2-Methyl-3-(3,7,11,15-tetramethyl-	
10[(1-Methyl-3-pyrrolidinyl)methyl]phenothiazine	5649	2-hexadecenyl)-1,4-naphthalenedione 2,3-	
3-[[[(R)-1-Methyl-2-pyrrolidinyl)methyl]-5-[2-		epoxide	9956
(phenylsulfonyl)ethyl]indole	4958	2-Methyl-2-[4-(1,2,3,4-tetrahydro-1-naphthyl)	
10[(1-Methyl-3-pyrrolidinyl)methyl]		phenoxy]propionic acid	4072
phenothiazine hydrochloride	5650	9-Methyl-3-(1H-tetrazol-5-yl)-4H-pyrido[1,2-a]	
(-)-(R)-2-Methyl-3-(1-pyrrolidinyl)-4'-(trifluoromethyl)		pyrimidin-4-one	1282
propiophenone	8863	9-Methyl-3-(1H-tetrazol-5-yl)-4H-pyrido[1,2-a]	
4'-Methyl-2-(1-pyrrolidinyl)valerophenone	7720	pyrimidin-4-one potassium salt	1283
4'-Methyl-2-(1-pyrrolidinyl)valerophenone		(6R,7R)-3-[[[(1-Methyl-1H-tetrazol-5-yl)thio]methyl]-	
hydrochloride	7721	8-oxo-7-[2-[(trifluoromethyl)thio]acetamido]-5-	
($\pm$)-1-[1-[(4-Methyl-4H,6Hpyrrolo[1,2- α][4,1]		thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic	
benzoxazepin-4-ylmethyl]-4-piperidyl]-2-		acid	1926
benzimidazolinone	3443	1-Methyl-4-N-2-thenylanilinopiperidine	4003, 5654
($\pm$)-1-[1-[(4-Methyl-4H,6Hpyrrolo[1,2- α][4,1]		methyltheobromine	7649, 7650
benzoxazepin-4-ylmethyl]-4-piperidyl]-2-		N ¹ -(5-Methyl-1,3,4-thiadiazol-2-yl)	
benzimidazolinone maleate	3444	sulfanilamide	2479
5-Methyl-8-quinolinol	2302	(6R-trans)-3-[[[(5-Methyl-1,3,4-thiadiazol-2-yl)thio]	
Methyl 3-(2-quinoxaliny)methylene)		methyl]-8-oxo-7-[(1H-tetrazol-1-ylacetyl)	
carbazate N ¹ ,N ⁴ -dioxide	2254	amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene	
methylrosaniline chloride	1181	2-carboxylic acid	1930
4'-(Methylsulfamoyl)sulfanilamide	2442	(6R-trans)-3-[[[(5-Methyl-1,3,4-thiadiazol-2-yl)thio]	
N-(4-Methyl-2-sulfamoyl- Δ^2 -1,3,4-thiadiazolin-5-		methyl]-8-oxo-7-[(1H-tetrazol-1-ylacetyl)amino]-	
ylidene)acetamide	3819, 7407, 7893	5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic	
N ¹ -Methyl-N ⁴ -sulfanilylsulfanilamide	2442	acid sodium salt	1931
2-[(methylsulfinyl)acetyl]pyridine	5270	4-Methyl-2-thiazolamine	4454
(Methylsulfinyl)methyl-2-pyridiyl ketone	5270	4-Methyl-5-thiazoleethanol	9371
7-(Methylsulfinyl)-9-oxoxanthene-2-carboxylic acid	1301	N ¹ -(4-Methyl-2-thiazolyl)sulfanilamide	2486
methylsulfonyl	9443	N ¹ -(4-Methyl-2-thiazolyl)sulfanilamide	
1-[3-[2-(Methylsulfonyl-10H-phenothiazin-10-yl)]		sodium salt	2487
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8β-[(Methylthio)methyl]-6-propyl-ergoline monomethanesulfonate	5499, 7964, 8005	(±)-α-Methyl-L-tyrosine	5529,
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2-Phenyl-cyclopentylamine	3073	phenylmercuric borate	6125
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1-Phenylethanone	9279	prolinamide)-10-deglycineamide-	
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3-Phenyl-N-ethyl-2-norbornanamine		3-(4-Phenyl-1-piperazinyl)-1,2-propanediol	6399
hydrochloride	7685	(-)-(S)-3-(4-Phenyl-1-piperazinyl)-1,2-propanediol	6413
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(±)-(3R*)-3-Phenyl-1-[[[(6R*)-6,7,8,9-tetrahydro naphtho[1,2-d]-1,3-dioxol-6-yl] methyl]pyrrolidine methanesulfonate	3205	Phosphonoacetic acid disodium salt	6599
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PMB-4000, component of	8130	Polyethylene glycol monododecyl ether (average n = 9)	9273
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Pobilukast	8569	polymanoacetate	6545, 8392
Pobilukast Edamine	8570	Polymer of formaldehyde with 4-hydroxy-benzenearsonic acid	1344
podofilox	5081	Polymer of urea and polypeptides derived from denatured gelatin.	9055
Podofilox	6628	Polymox	1887, 1888
Podophyllic acid 2-ethylhydrazide	5233, 5296	Polymyxin	2335
Podophyllotoxin	5081, 6628	Polymyxin B	2336
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Polamin	3879	Polymyxin B ₁	2338
Polaprezinc	6509, 7756	Polymyxin B ₂	2339
Polaramine	3879	Polymyxin D ₁	2340
Polaramine Expectorant, component of	173	Polymyxin D ₂	2341
Polaronil	3879	Polymyxin E	2318
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Poldine Methylsulfate	2803	polynoxylene	2287
Poleon	2403	polyoxyaluminum acetylsalicylate	477
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Polidexide Sulfate	4085	Polyphloglin	534
Polidocanol	995, 5652, 9273, 9994, 9991	Poly-Pred, component of	8708
Polimod	8418	Polypeptide from <i>Streptomyces griseovorticillatus</i>	2620
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Ponstyl	649, 650	Potassium 6,7-dihydro-17-hydroxy-3-oxo-	
Pontal	649, 650	3'H-cyclopropa[6,7]-17 α -pregna-4,6-diene-	
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purple foxglove	7441	3-Pyridinecarboxylic acid	8084, 9950
Purpurea glycoside C	7439	4-Pyridine carboxylic acid hydrazide	
Purpurid	7442	hydrazone with O-2-deoxy-2-(methylamino)-	
PV Tussin Syrup	3970, 3983	α -L-glucopyranosyl-(1 $\rightarrow$ 2)-O-5-deoxy-3-C-	
PV Tussin Syrup, component of	157, 365, 7789, 8949	formyl- α -L-lyxofuranosyl-(1 $\rightarrow$ 4)-N,N'-bis	
PV Tussin Tablet	3970	(aminoiminomethyl)-D-streptamine sulfate	
PV Tussin Tablet, component of	365, 8168	(2:3) (salt)	5326
PVK	2103	4-Pyridinecarboxylic acid hydrazide hydrazone	
PVP-I	6132	with O-2-deoxy-2-(methylamino)-	
PVP-Iodine	6132	α -L-glucopyranosyl-(1 $\rightarrow$ 2)-O-5-deoxy-3-C-	
PY-108-068	7139	formyl- α -L-lyxofuranosyl-(1 $\rightarrow$ 4)-N,N'-bis	
Pyknolepsinum	2935	(aminoiminomethyl)-D-streptamine sulfate	
Pylapron	1465, 1653, 4387, 7070	(2:3) (salt)	1866
Pylcardin	7117	4-Pyridinecarboxylic acid hydrazide hydrazone	
Pylorid	7921, 8380	with O-2-deoxy-2-(methylamino)- α -L-	
Pymafed	3983	glucopyranosyl-(1 $\rightarrow$ 2)-O-5-deoxy-3-C-	
Pynastin	1460, 1636, 3825	α -L-lyxofuranosyl-(1 $\rightarrow$ 4)-N,N'-bis	
	4378, 7063, 9707, 9869	(aminoiminomethyl)-D-streptamine sulfate	
		(2:3) (salt)	2614
Pynosect	8038	4-Pyridinecarboxylic acid	
Pyocefal	1990	[(3-sulfophenyl)methylene]hydrazide	2616
Pyocianil	1908	3-Pyridinecarboxylic acid	
Pyoktanin	1181	2,2-bis[[(3-pyridinylcarbonyl)oxy]methyl]-	
Pyopen	1908	1,3-propanediyl ester	4074
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Pyramal	3983	trimethoxybenzoate)	4083
Pyramidon	5905	N-Pyridin-2-yl[1,1'-biphenyl]-4-acetamide	4587
Pyramidon bicamphorate	488, 5906	[2-(2-Pyridinyl)ethylidene]bisphosphonic acid	7389
Pyramidon salicylate	489, 5907	[2-(2-Pyridinyl)ethylidene]bisphosphonic acid	
pyranisamine	3982	monosodium salt	7390
Pyrantel	1210	2-[1-(4-Pyridinyl)ethylidene]hydrazine-	
Pyrantel Pamoate	1211	carbothioamide	4314
Pyrantel Tartrate	1212	2-[1-(4-Pyridinyl)ethylidene]hydrazine-	
Pyrathyn	3957	carbothioamide hydrochloride	4315
pyrazidole	3243, 8768	3-Pyridylmethyl 2-(p-chlorophenoxy))-2-methyl-	
Pyrazinamide	2607	propionate	4075
Pyrazinecarboxamide	2607	3-Pyridylmethyl ($\pm$)-2-[[α -(p-chlorophenyl)-	
Pyrazofurin	5300	p-tolyl]oxy]-2-methylbutyrate	4050
1H-Pyrazole-5-carboxamide, 4-hydroxy-3- β -		2-[(3-Pyridinylmethyl)thio]pyrimidine	8798
D-ribofuranosyl-	5300	Pyridipca	3585, 8093, 9957
1H-Pyrazolo[3,4-d]pyrimidine-4,6-diol	3840	Pyridium	707
1H-Pyrazolo[3,4-d]pyrimidin-4-ol	3836	Pyridium Plus, component of	9307
Pyrazomycin	5300	4-[3-(10H-Pyrido[3,2-b][1,4]benzothiazin-10-yl)-	
β -Pyrazomycin	5300	propyl]piperazin-1-ylethanol	3572
Pyribenine	2673	4-[3-(10H-Pyrido[3,2-b][1,4]benzothiazin-10-yl)-	
Pyrcon	1213	propyl]piperazin-1-ylethanol dihydrochloride	3573
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theophylline hydrogen sulfate ester	9261	2,4,6(1H,3H,5H)-Pyrimidinetrione	9297
Pyridoxol salt of 7-(2-hydroxyethyl)		2,4,6(1H,3H,5H)-Pyrimidine	
theophylline hydrogen sulfate ester	9787	trione, 5-(1-cyclohexen-1-yl)-1,5-dimethyl-,	
α-[(2-Pyridylamino)methyl]benzyl alcohol	8897	sodium salt	2745
α-[(2-Pyridylamino)methyl]benzyl alcohol	713	N-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-	
α-[(2-Pyridylamino)methyl]benzyl alcohol		1,1-cyclopentanediacetamide	
monohydrochloride	714	hydrochloride	6686, 6687
α-[(2-Pyridylamino)methyl]benzyl alcohol		N-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-1,1-	
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7-[2-[(3-Pyridylmethyl)amino]ethyl]theophylline	9782	N-[2-[4-(2-Pyrimidinyl)-1-piperazinyl]ethyl]-1-	
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1-[2-[N-(2-Pyridylmethyl)anilino]ethyl]		N-[2-[4-(2-Pyrimidinyl)-1-piperazinyl]ethyl]-1-	
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1-[2-[N-(2-Pyridylmethyl)anilino]ethyl]		(1R*,2S*,3R*,4S*)-N-[4-[4-(2-Pyrimidinyl)-1-	
piperidine tripalmitate	6436	piperazinyl]butyl]-2,3-norbornane	
4,4'-(2-Pyridylmethylene)diphenol diacetate	8494	dicarboximide	3279
4,4'-(2-Pyridylmethylene)diphenol diacetate		(1R*,2S*,3R*,4S*)-N-[4-[4-(2-Pyrimidinyl)-1-	
(ester) complex with tannic acid	8495	piperazinyl]butyl]-2,3-norbornane	
4,4'-(2-Pyridylmethylene)diphenolbis(hydrogen		dicarboximide citrate (1:1)	3280
sulfate) disodium salt	8535	Pyrinistab	3957
2-Pyridylmethyl (±)-p-isobutylhydratropate	4648	Pyrinistol	3957
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α-[(2-Pyrimidinylamino)methyl]benzyl		Pyrogallol	5678
alcohol	8843	Pyrogallol Monoacetate	5679
α-[(2-Pyrimidinylamino)methyl]benzyl alcohol		Pyrogallol Triacetate	5680
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monohydrochloride	9491	pyroxylin in EtOH/Et ₂ O	9613
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N ¹ -2-Pyrimidinylsulfanilamide monosodium salt	2459	Pyrrobutamine	3986
N ¹ -2-Pyrimidinylsulfanilamide monosilver(1+)		Pyrrobutamine Phosphate	3987
salt	2458, 6141	Pyrrocaine	1017
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Pyril	5925	Pyrrocycline-N	2565
Pyrimine	3982	1-Pyrrolidinoaceto-2',6'-xylidide	1017
Pyrimine Maleate	3983	1-Pyrrolidinoaceto-2',6'-xylidide hydrochloride	1018
Pyrilax	8494	(±)-trans-2-(1-Pyrrolidinyl)cyclohexyl	

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Septopal	1836	L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl- L-methionyl-L-histidyl-L-asparaginy-L-leucyl glycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L- L-seryl-L-methionyl-L- α -glutaminy-L-arginyl- L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L- arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L- phenylalanine	5445
Septoplix	2496	L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl- L-methionyl-L-histidyl-L-asparaginy-L-leucyl glycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L- L-seryl-L-methionyl-L- α -glutaminy-L-arginyl- L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L- arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L- phenylalanine	5445
Septotan	6070	L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl- L-methionyl-L-histidyl-L-asparaginy-L-leucyl glycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L- L-seryl-L-methionyl-L- α -glutaminy-L-arginyl- L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L- arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L- phenylalanine	5445
Septura	2482	L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl- L-methionyl-L-histidyl-L-asparaginy-L-leucyl glycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L- L-seryl-L-methionyl-L- α -glutaminy-L-arginyl- L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L- arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L- phenylalanine	5445
Septura, component of	2481, 5540	L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl- L-methionyl-L-histidyl-L-asparaginy-L-leucyl glycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L- L-seryl-L-methionyl-L- α -glutaminy-L-arginyl- L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L- arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L- phenylalanine	5445
Seprin	2482	L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl- L-methionyl-L-histidyl-L-asparaginy-L-leucyl glycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L- L-seryl-L-methionyl-L- α -glutaminy-L-arginyl- L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L- arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L- phenylalanine	5445
Septural	2416	L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl- L-methionyl-L-histidyl-L-asparaginy-L-leucyl glycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L- L-seryl-L-methionyl-L- α -glutaminy-L-arginyl- L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L- arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L- phenylalanine	5445
Sequamycin	2210	L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl- L-methionyl-L-histidyl-L-asparaginy-L-leucyl glycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L- L-seryl-L-methionyl-L- α -glutaminy-L-arginyl- L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L- arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L- phenylalanine	5445
Sequens, component of	9071	L-Seryl-L-valyl-L-seryl-L- α -glutamyl-L-isoleucyl- L-methionyl-L-histidyl-L-asparaginy-L-leucyl glycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginy-L- L-seryl-L-methionyl-L- α -glutaminy-L-arginyl- L-valyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L- arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminy-L- α -aspartyl-L-valyl-L-histidyl-L-asparaginy-L- phenylalanine	5445
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Sodium [2-amino-3-(p-bromobenzoyl) phenyl]acetate sesquihydrate	51S, 4SSS	Sodium [2,3-dichloro-4-(2-methylenebutyryl) phenoxy]acetate	7866
Sodium 4-amino-2-hydroxybenzoate dihydrate	2S73	Sodium (dichloromethylene)- diphosphonate	S419, 7094, 7376
sodium anilarsonate	6279	sodium dicloxacillin	2038
Sodium Antimonylgluconate	1219, S62S	sodium dicloxacillin monohydrate	2039
sodium antimonyl tartrate	1149	Sodium 7,12-diethenyl-3,8,13,17-tetramethyl- 21H,23H-porphine-2,18-dipropanoate	8362
Sodium (antipyrinylmethylamino) methanesulfonate	565, 5926	Sodium 9-ethyl-6,9-dihydro-4,6-dioxo-10-propyl- 4H-pyrano[3,2-g]quinoline-2,8- dicarboxylate	1276, 1772
Sodium (antipyrinylmethylamino) methanesulfonate magnesium salt (2:1)	S66, S927	Sodium diethyldithiocarbamate	3470, 7526, 8403
Sodium (antipyrinylmethylamino) methanesulfonate monohydrate	S64, S925	Sodium 5,6-diethoxybenzo[b]thiophene- 2-carboxylate	1792, 7267
sodium apolate	2890	Sodium 5,6-dihydro-1-methyl-5,6-dioxo- 3-indoline-S-semicarbazone sulfonate	8312
Sodium Arsanilate	6279	Sodium (±)-(zZ)-7-[(1R*,2R*,3R*,SS*)- 3,S-dihydroxy-2-[(E)-(3R*)-3-hydroxy- 4-[(α,α,α-trifluoro-m-tolyl)oxy]-1- butenyl]cyclopentyl]-S-heptenoate	9162
Sodium Arsenate Dibasic	4939	Sodium 1,2-dithiolane-3-pentanoate	8372
Sodium Arsphenamine	6280	Sodium 2,3-dithiolpropanesulfonate	3469
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Sodium aurotiosulfate	1718	Sodium ethenosulfonate polymer	2890
sodium azodisalicylate	4702	Sodium 8-ethoxy-S-quinolinesulfonate	9630
sodium benzenesulfochloramine	2433	Sodium ethylarsonate	6276
Sodium 4-(benzoylamino)-2-hydroxybenzoate	2576	Sodium 1-ethyl-1,4-dihydro-7-methyl-4-oxo-1,8- naphthyridine-3-carboxylate	2404
sodium benzylpenicillinate	1904	Sodium [(ethylenedinitrilo)tetraacetato]ferrate(1-)	8272
Sodium Bicarbonate	1140	Sodium α-ethyl-1-hydroxycyclohexaneacetate	7SS6
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Sodium bismuth tartrate	6271	Sodium S-ethyl-S-(1-methylbutyl)-2- thiobarbiturate	897, 3003
sodium bismuthyl tartrate	6271	Sodium 7-ethyl-2-methyl-4-undecanol hydrogen sulfate	927S
Sodium Borate	6142	Sodium 2-[2-ethyloctahydro-3'-methyl-S'- [tetrahydro-6-hydroxy-6-(hydroxymethyl)- 3,S-dimethyl-2H-pyran-2-yl][2,2'-bifuran- S-yl]]-9-hydroxy-β-methoxy-α,γ,2,8-tetra- methyl-1,6-dioxapsiro[4.S]decan-7-	
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Sodium 3-(tert-butylthio)-1-(p-chlorobenzyl)- α,α-dimethyl-S-(2-quinolylmethoxy)indole- 2-propionate	1784		
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Sodium Chloride	8049, 9228		
Sodium 1-(p-chlorobenzoyl)-S-methoxy- 2-methylindol-3-acetic acid trihydrate	61S, 46S2, 593S		
Sodium 7-[(3-Chloro-6,11-dihydro-6- methylidibenzo[c,f][1,2]thiazepin-11-yl) amino]heptanoate S,S-dioxide	3286		
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Sodium 5-ethyl-2,3,5,8-tetrahydro-8-oxofuro[2,3-g]quinoline-7-carboxylate	2389	Sodium 7-[p-(methylthio)benzoyl]-5-benzofuranacetate hydrate	777
sodium etoquinol	9630	Sodium (E)-6-(methylthio)-4-oxo-3(4H)-quinazolineacrylate	1298
Sodium Fluoride	5430	Sodium 1-methyl-5-p-toluoylpyrrole-2-acetic acid	4789
Sodium 6-fluoro-2-(2'-fluoro-4-biphenyl)-3-methyl-4-quinolinecarboxylate	8440	Sodium 1-methyl-5-p-toluoylpyrrole-2-acetic acid dihydrate	4790
(+)-Sodium (3R,5S,6E)-7-[4-(p-fluorophenyl)-2,6-diisopropyl-5-(methoxymethyl)-3-pyridyl]-3,5-dihydroxy-6-heptenoate	4034	sodium nitroferrocyanide	9875
Sodium (±)-(3R*,5S*,6E)-7-(3-p-fluorophenyl)-1-isopropylindol-2-yl]-3,5-dihydroxy-6-heptenoate	4055	Sodium Nitrite	3487, 9874
Sodium Folate	9962	sodium nitroprussiate	4405, 9875
sodium folvite	9962	Sodium Nitroprusside	4405, 9875
Sodium Formate	6860	Sodium Nitroprusside Dihydrate	4406
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Sodium Gluconate	9229	Sodium Oxybate	891
Sodium Glycerophosphate	9230	sodium γ-oxybutyrate	891
Sodium Gualenate	4760	sodium penicillin G	1904
Sodium heparinate	2886	sodium penicillin II	1904
Sodium (p-hexadecylamino)benzoate	4036	sodium pentosan polysulfate	2894, 4719
Sodium (Z)-(3aR,4R,5R,6aS)-hexahydro-5-hydroxy-4-[(E)-(3S)-3-hydroxy-1-octenyl]-2H-cyclopenta[b]furan-Δ ^{2,6} -valerate	9173	Sodium o-[[[1S,2R,3S,4R)-3-[4-(pentylcarbamoyl)-2-oxazolyl]-7-oxabicyclo[2.2.1]hept-2-yl]methyl]hydrocinnamate	6307
Sodium o-[3-(hexyloxy)-2-hydroxypropoxy]benzoate	7566	Sodium Perchlorate	4463
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Sodium 4-(hydroxymercuri)-2-nitrophenolate	6096	Sodium polyhydroxyaluminum monocarbonate hexitol complex	1107
Sodium 1-(hydroxymethyl)cyclohexanecarboxylate	7692	Sodium polymannuronate	8304
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Sodium Lactate	9232	Sodium salt of depolymerized heparin obtained by nitrous acid degradation of heparin.	2875
sodium meralein	6091	Sodium salt of depolymerized heparin; molecular weight between 3500 and 5500	6305
Sodium 2-mercaptoethanesulfonate	8792	Sodium salt of heparin depolymerized by heparinase degradation; molecular weight between 1500 and 10000.	6352
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(4R,5R)-1,4,5,6-Tetrahydro-5-hydroxy-4-[(E)(3S)-3-hydroxy-1-octenyl]-1-phenyl-cyclopenta[b]pyrrole-2-valeric acid	1778	2,3,6,7-Tetrahydro-2-(mesitylimino)-9,10-dimethoxy-3-methyl-4H-pyrimido[6,1-a]isoquinoline-4-one	6357
6,7,8,9-Tetrahydro-5-hydroxy-4-oxo-10-propyl-4H-naphtho[2.3-b]pyran-2-carboxylic acid	1289	5,6,6a,7-Tetrahydro-10-methoxy-6-methyl-4H-dibenzo[de,g]quinolin-11-ol	8043
(2R,3R,3aS,9aR)-2,3,3a,9a-Tetrahydro-3-hydroxy-6-imino-6H-furo[2',3';4,5]oxazol[3,2-a]pyrimidine-2-methanol	5026	5,6,6a,7-Tetrahydro-10-methoxy-6-methyl-4H-dibenzo[de,g]quinolin-11-ol hydrochloride	8044
(±)-1,2,3,4-Tetrahydro-8-[2-hydroxy-3-(isopropylamino)propoxy]-1-nicotinoylquinoline	1624	5,6,7,8-Tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-ol	8314
3,3a,5,11b-Tetrahydro-7-hydroxy-5-methyl-2H-furo[3,2-b]naphtho[2,3-d]pyran-2,6,11-trione	3698	5,6,7,8-Tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-ol hydrochloride	8316
(R)-1,2,3,4-Tetrahydro-2-(3-hydroxypropyl)-6,7-dimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium chloride	8884	5,6,7,8-Tetrahydro-4-methoxy-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-ol phthalate	8317
[2S-(2α,4β,5α)]-Tetrahydro-4-hydroxy-N,N,5-tetramethyl-2-furanmethanaminium	7611	2,4,5,6-Tetrahydro-9-methoxy-4-methyl-1H-3,4,6a-triazafluoranthene	3187
(1R,2S;1S,2R)-1,2,3,4-Tetrahydro-2-(3-hydroxypropyl)-6,7,8-trimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium chloride succinate mixture with		2,4,5,6-Tetrahydro-9-methoxy-4-methyl-1H-3,4,6a-triazafluoranthene hydrochloride	3188
(±)-(1R*,2S*;1S*,2R*)-1,2,3,4-tetrahydro-2-(3-hydroxypropyl)-6,7,8-trimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium chloride succinate (2:1)	8838	(±)-cis-2,3,4,5-Tetrahydro-3-(methylamino)-1-benzoxepin-5-ol	3547
[5R-(5α,5aβ,8aα,9α)]-5,8,8a,9-Tetrahydro-9-hydroxy-5-(3,4,5-trimethoxyphenyl)-furo[3',4':6,7]naphtho[2,3-d]-1,3-dioxol-6(5aH)-one	5081, 6628	2,3,7,8-Tetrahydro-3-(methylamino)-1H-quinol[1,8-ab][1]benzazepine	3056
(+)-1,2,4,5-Tetrahydro-2-(2-imidazolin-2-yl)-2-propylpyrrolo[3,2,1-hi]imidazole	3332	1,2,3,4-Tetrahydro-2-methyl-1H-dibenzo[3,4:6,7]cyclohepta[1,2-c]pyridine	3266
(±)-5,6,7,8-Tetrahydro-6-(imidazol-1-ylmethyl)-2-naphthoic acid	1769	5,6,6a,7-Tetrahydro-6-methyl-4H-dibenzo[de,g]quinolin-10,11-diol	8045
p-(5,6,7,8-Tetrahydroimidazo[1,5-a]pyridin-5-yl)benzonitrile	6823	5,6,6a,7-Tetrahydro-6-methyl-4H-dibenzo[de,g]quinoline-10,11-diol hydrochloride	8046
p-(5,6,7,8-Tetrahydroimidazo[1,5-a]pyridin-5-yl)benzonitrile hydrochloride	6824	2,3,4,5-Tetrahydro-3-methyl-1H-dibenz[2,3:6,7]oxepino[4,5-d]azepine	3180
(±)-p-(5,6,7,8-Tetrahydroimidazo[1,5-a]pyridin-5-yl)benzonitrile	5145	5,6,7,8-Tetrahydro-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-ol	7467
(±)-p-(5,6,7,8-Tetrahydroimidazo[1,5-a]pyridin-5-yl)benzonitrile hydrochloride	5146, 6825	4,5,6,7-Tetrahydro-2-methyl-3-(methylamino)-2H-indazol	775, 5976
5,6,7,8-Tetrahydro-α-[[[(1-isopropyl)amino]methyl]-2-naphthalenemethanol		1,2,3,4-Tetrahydro-2-[[[(1-methylethyl)amino]methyl]-7-nitro-6-quinolinemethanol	1200
		(-)-(R)-5,6,9,10-Tetrahydro-10-[[[(2-methylimidazol-1-yl)methyl]-4H-pyrido[3,2,1-jk]carbazol-11-(8H)-one	3531
		2,3,4,5-Tetrahydro-5-methyl-2-[(5-methylimidazol-4-yl)methyl]-1H-pyrido[4,3-b]indol-1-one	3516
		2,3,4,5-Tetrahydro-5-methyl-2-[(5-methylimidazol-4-yl)methyl]-1H-pyrido[4,3-b]indol-1-one monohydrochloride	3517
		3,4,5,6-Tetrahydro-5-methyl-2-phenyl-1H-2,5-benzoxazocine	3208
		3,4,5,6-Tetrahydro-5-methyl-2-phenyl-1H-2,5-benzoxazocine hydrochloride	3209
		2,3,4,9-Tetrahydro-2-methyl-9-phenyl-1H-indeno[2,1-c]pyridine	3969
		2,3,4,9-Tetrahydro-2-methyl-9-phenyl-1H-	

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indeno[2,1-c]pyridine tartrate	3970	imidazoline hydrochloride	184
(1R,4S)-1,2,3,4-Tetrahydro-N-methyl-4-phenyl-1-naphthylamine	3273	2-(1,2,3,4-Tetrahydro-1-naphthyl)-2-imidazoline	7794
(1R,4S)-1,2,3,4-Tetrahydro-N-methyl-4-phenyl-1-naphthylamine hydrochloride	3274	2-(1,2,3,4-Tetrahydro-1-naphthyl)-2-imidazoline monohydrochloride	7795
(±)-1,3,4,14b-Tetrahydro-2-methyl-2H,10H-pyrazino[1,2-a]pyrrolo[2,1-c][1,4]benzodiazepine	3030	Tetrahydro-2H-1,4-oxazine	670, 5947
(±)-1,3,4,14b-Tetrahydro-2-methyl-2H,10H-pyrazino[1,2-a]pyrrolo[2,1-c][1,4]benzodiazepine maleate (1:1)	3031	Tetrahydro-2H-1,4-oxazine salicylate	671, 4689, 5948
N-[2-[(4,5,8a-Tetrahydro-7-methyl-4-oxo cyclopropa[c]pyrrolo[3,2-e]indol-2(1h)-yl) carbonyl]-1H-indol-5-yl]benzofurancarboxamide	5002	(4,5,6,7-Tetrahydro-7-oxobenzo[b]thien-4-yl)urea	8257
1,4,5,6-Tetrahydro-1-methyl-6-oxo-3-pyridazine carboxamide	6419	1-(1,2,3,4-Tetrahydro-2-oxo-6-quinolyl)-4-veratroyl piperazine	7514
7-(1,4,5,6-Tetrahydro-4-methyl-6-oxo-3-pyridazinyl)-2H-1,4-benzoxazin-3-(4H)-one	7421	(±)-[[[(Tetrahydro-2-oxo-3-thienyl)carbamoyl] methyl]thio]acetic acid	8786
(-)-(1R,2R)-Tetrahydro-N-methyl-2-(3-pyridyl) thio-2H-thiopyran-2-carboxamide 1-oxide	9057	tetrahydrophenobarbital	9338
(±)-(R,S)-[[4-(1,4,5,6-Tetrahydro-4-methyl-6-oxo-3-pyridazinyl)phenyl]hydrazone	7395	Tetrahydro-6-(phenoxy-methyl)-2H-1,3-oxazine-2-thione	3287
1,2,5,6-Tetrahydro-1-methyl-3-pyridinecarboxylic acid methyl ester	1152	(+)-2,3,5,6-Tetrahydro-5-(or 3)-phenyl-1H-imidazo[2,1a]imidazole	3093
1,2,5,6-Tetrahydro-1-methyl-3-pyridinecarboxylic acid methyl ester compound with stibobenzoic acid	1154	2,3,5,6-Tetrahydro-5-(or 3)-phenyl-1H-imidazo[1,2a]imidazole	3145
1,2,5,6-Tetrahydro-1-methyl-3-pyridinecarboxylic acid methyl ester hydrobromide	1153	2,3,5,6-Tetrahydro-5-(or 3)-phenyl-1H-imidazo[1,2a]imidazole monohydrochloride	3146
(1,4,5,6-Tetrahydro-1-methyl-2-pyrimidinyl) methyl α-phenylcyclohexaneglycolate	2783	(-)-2,3,5,6-Tetrahydro-6-phenylimidazo[2,1b]thiazole	8412, 1188
(1,4,5,6-Tetrahydro-1-methyl-2-pyrimidinyl) methyl α-phenylcyclohexaneglycolate monohydrochloride	2784	(+)-2,3,5,6-Tetrahydro-6-phenylimidazo[2,1b]thiazole	3092
(E)-m-[2-(1,4,5,6-Tetrahydro-1-methyl-2-pyrimidinyl)vinyl]phenol	1201	(-)-2,3,5,6-Tetrahydro-6-phenylimidazo[2,1b]thiazole monohydrochloride	8413, 1189
(E)-m-[2-(1,4,5,6-Tetrahydro-1-methyl-2-pyrimidinyl)vinyl]phenol 4,4'-methylenebis[3-hydroxy-2-naphthoate] (1:1) (salt)	1202	1,3,4,9-Tetrahydro-1-propylpyrano[3,4-b]indole-1-acetic acid	733
(E)-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2-thienyl)vinyl]pyrimidine	1210	Tetrahydro-1H-pyrrolizine-7a(5H)-aceto-2',6'-xylylide	1633
(E)-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2-thienyl)vinyl]pyrimidine compound with 4,4'-methylenebis[3-hydroxy-2-naphthoate]	1211	Tetrahydro-1H-pyrrolizine-7a(5H)-aceto-2',6'-xylylide hydrochloride	1634
(E)-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2-thienyl)vinyl]pyrimidine tartrate (1:1)	1212	2,4,5,6-Tetrahydro-2-[(3S)-3-quinuclidinyl]-1H-benz[de]isoquinolin-1-one	3574
(±)-5,6,7,8-Tetrahydro-4-methylthio-8-quinoline carboxamide	6486	2,4,5,6-Tetrahydro-2-[(3S)-3-quinuclidinyl]-1H-benz[de]isoquinolin-1-one hydrochloride	3575
5,6,7,8-Tetrahydro-3-methylthio-8-quinoline carboxamide	2834	tetrahydroserpentine	4394
5,6,7,8-Tetrahydro-3-methylthio-8-quinoline carboxamide monohydrochloride	2835	3,4,4a,10b-Tetrahydro-3,4,8,10-tetrahydroxy-2-(hydroxymethyl)-9-methoxypyran[3,2-c][2]benzopyran-6H-one	6464
2-[(5,6,7,8-Tetrahydro-1-naphthyl)amino]-2-imidazoline	187	(+)-(6S,7S, 8R)-5,6,7,8-Tetrahydro-1,2,3,13-tetramethoxy-6,7-dimethylbenzo[3,4]cyclo-octa[1,2-f][1,3]benzodioxol-6-ol	5043
2-[(5,6,7,8-Tetrahydro-1-naphthyl)amino]-2-imidazoline monohydrochloride	188	(±)-7,8,9,10-Tetrahydro-3,6,6,9-tetramethyl-6H-dibenzo[b,d]pyran-1-ol acetate	3828
2-(1,2,3,4-Tetrahydro-1-naphthyl)-2-imidazoline	183	[N-(5,6,7,9-Tetrahydro-1,2,3,10-tetramethoxy-9-oxobenzo[a]heptalen-7-yl)acetamide	3839
2-(1,2,3,4-Tetrahydro-1-naphthyl)-2-		7,8,9,10-Tetrahydro-3,6,6,9-tetramethyl-6H-dibenzo[b,d]pyran-1-ol acetate	3827
		1,2,3,4-Tetrahydro-1,1,4,4-tetramethyl-6-[(E)-α-methyl-p-(methylsulfonyl)styryl]naphthalene	8486
		1,2,3,4-Tetrahydro-1,1,4,4-tetramethyl-6-[(E)-α-methylstyryl]naphthalene	1247, 8427
		6,7,8,9-Tetrahydro-5H-tetrazolo[1,5-a]azepine	7710
		p-(Tetrahydro-2H-1,2-thiazin-2-yl)benzene-sulfonamide	3000
		5,6,7,8-Tetrahydro-3-[2-(4-o-tolyl-1-piperazinyl)]	

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ethyl]-s-triazolo[4,3-a]pyridine	203, 3803	tetrallobarbitol	9309
5,6,7,8-Tetrahydro-3-[2-(4-o-tolyl)-1-piperazinyl]		Tetralution	1355, 2568
ethyl]-s-triazolo[4,3-a]pyridine hydrochloride	204, 3804	Tetralysal	2550
[3S-(3 α ,3 α ,5 α ,9 β)]-3a,5,5a,9b-Tetrahydro-		Tetramavan	1355, 2568
3,5a,9-trimethylnaphtho[1,2-b]furan-2,8		Tetramel	2560, 5986
(3H,4H)dione	1218	Tetrameprozine	6168
(6aR,10aR)-6a,7,8,10a-Tetrahydro-6,6,9-trimethyl-		(1 β)-6,6',7,12-Tetramethoxy-2,2'-dimethyl	
3-pentyl-6H-dibenzo[b,d]pyran-1-ol	3546	berbaman	773
1,2,3,4-Tetrahydro-1-(3,4,5-trimethoxybenzy)-		6',7',10,11-Tetramethoxyemetan	1331
6,7-isoquinolinediol	6968, 7270	6',7',10,11-Tetramethoxyemetan dihydrochloride	1332
($\pm$)-1,2,3,4-Tetrahydro-1-(3,4,5-trimethoxy		N,N,10,10-Tetramethyl- δ ^{9(10H)} -anthracene-	
benzyl)-6,7-isoquinolinediol	6358, 6969, 7271	propylamine	3183
1,3,4,9-Tetrahydro-N,N,1-trimethylindeno		N,N,10,10-Tetramethyl- δ ^{9(10H)} -anthracene-	
[2,1-c]pyran-1-ethylamine	3239	propylamine hydrochloride	3184
1,3,4,9-Tetrahydro-N,N,1-trimethylindeno		N,N,N',N'-Tetramethyl-N,N'-bis[1-methyl-3-	
[2,1-c]pyran-1-ethylamine hydrochloride	3240	(2,2,6-trimethylcyclohexyl)propyl]-1,6-	
($\pm$)-7,8,9,10-Tetrahydro-6,6,9-trimethyl-3-(1-		hexanediaminium dichloride	6157
methyloctyl))-6H-dibenzo[b,d]		p-(1,1,3,3-Tetramethylbutyl)phenol polymer	
pyran-1-yl 4-(diethylamino)butyrate		with ethylene oxide and formaldehyde	8800, 9192
hydrochloride	3822, 3568	2,2,9,9-Tetramethyl-1,10-decanediol	4057
($\pm$)-7,8,9,10-Tetrahydro-6,6,9-trimethyl-3-		(β)-6,6',7,12-Tetramethoxy-2,2'-dimethyl-	
(1-methyloctyl)6H-dibenzo[b,d]		berbaman	5975
pyran-1-yl 4-(diethylamino)butyrate	3567	N,N,N',N'-Tetramethyl-1,6-hexanediamine	
L-1,2,3,4-Tetrahydro-1-(3,4,5-trimethoxybenzy)-		polymer with 1,3-dibromopropane	2887
6,7-isoquinolinediol monohydrochloride	6970, 7272	6,10,14,18-Tetramethyl-5,9,13,17-nonadeca	
2,3,7,8-Tetrahydroxy[1]benzopyrano[5,4,3-cde]-		tetraene-2-one, mixture of (5E,9E,13E) and	
[1]benzopyran-5,10-dione	8319	(5Z,9E,13E) isomers	6535, 7762
Tetrahydroxy-p-benzoquinone	1248	N,2,3,3-Tetramethyl-2-norbornamine	4310
2,3,5,6-Tetrahydroxy-2,5-cyclohexadien-1,4-dione	8488	N,2,3,3-Tetramethyl-2-norbornamine	
(9S,12E,14S,15R,16S,17R,18R,19R,20S,21S,22E,		hydrochloride	4311
24Z06,16,18,20-Tetrahydroxy-1'-isobutyl-14-		(all E)-1,1'-(3,7,12,16-Tetramethyl-	
methoxy-7,9,15,17,19,21,25-heptamethyl		1,3,5,7,9,11,13,15,17-octadecanonaene-	
spiro[9,4-(epoxypentadeca[1,11,13]		1,18-diyl)bis[2,6,6-trimethylcyclohexene]	9634, 9918
trienimino-2H-furo[2',3':7,8]naphth[1,2-d]		1,2,2,6-Tetramethyl-4-piperidyl mandelate	2737
imidazole-2,4'-piperidine]-5,10,26		1,2,2,6-Tetramethyl-4-piperidyl mandelate	
(3H,9H)-trione 16-acetate	2608	hydrochloride	2738
(R,S)-11 β ,16 α ,17,21-Tetrahydroxypregna-1,4-		tetramethylthionine chloride	4947
diene-3,20-dione cyclic 16,17-acetal with		2,2,5,5-Tetramethyl- α -[(o-tolyloxy)methyl]-1-	
butyraldehyde	1743, 4814	pyrrolidineethanol	969
11 β ,16 α (R),17,21-Tetrahydroxypregna-1,4-		α , α , α' , α' -Tetramethyl-5-(1H-1,2,4-triazol-1-yl	
diene-3,20-dione cyclic 16,17-acetal with		methyl)-1,3-benzenediacetonitrile	5024, 6820
butyraldehyde	4815	1,3,8,8-Tetramethyl-3-[3-(trimethylammonio)	
11 β ,16 α (S),17,21-Tetrahydroxypregna-1,4-diene-		propyl]-3-azoniabicyclo[3.2.1]octane bis	
3,20-dione cyclic 16,17-acetal with		(methyl sulfate)	4446
butyraldehyde	4816	2,5,7,8-Tetramethyl-2-(4,8,12-trimethyltridecyl)-	
11 β ,17,21-Trihydroxypregna-1,4-diene-		6-chromanyl 2-(p-chlorophenoxy)-2-methyl	
3,20-dione 21-(di-hydrogen phosphate)		propionate	4099
compound with 2-[(2-isopropylphenoxy)		($\pm$)-(2R*)-2,5,7,8-Tetramethyl-2-[(4R*,8R*)-	
methyl]-2-imidazoline	4877	4,8,12-trimethyltridecyl]-6-chromanyl	
11 β ,17,21-Trihydroxypregna-1,4-diene-		retinoate	9988
3,20-dione 21-(hydrogen succinate)		Tetramide	3190
compound with 4-[3-(2-chlorophenothiazin-		Tetramycin	1355, 2568
10-yl)propyl]-1-piperazineethanol (1:1)	4876	Tetran	2560, 5986
Tetrahydrozoline	183, 7794	Tetrandrine	773, 5975
Tetrahydrozoline Hydrochloride	184, 7795	tetranitrin	9744, 9864
3,5,3',5'-tetraiodothyronine	4506, 9578	tetranitrol	9744, 9684
Tetrakap	1355, 2568	Tetrantoin	3002
Tetralisal	2550	(+)-(3,5,3',5'-tetraoxo)-1,2-dipiperazinopropane	1402

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(±)-(3,5,3',5'-tetraoxo)-1,2-dipiperazinopropane	5302	Δ ⁹ -THC	3546
tetraplatin	5268	Theal ampules	7145
tetrasodium edetate	7529	Thean	7228
Tetrasodium(ethylenedinitrilo)tetraacetate	7529	Thebacon	342, 460
TetraSURE	1355, 2568	Thebacon Hydrochloride	461
Tetra-Tabilinen	2560, 5986	Thecodine	424
Tetraverin	2563	Theelin	8132
Tetrazepam	8920	Theelol	8127
Tetrazolast	1294	Thefulan	7145
Tetrazolast Meglumine	1295, 1789	thein	7649, 7650
4,4'-Di-1H-tetrazol-5-ylbenzanilide	1737	theine	7649, 7650
3'-(1H-Tetrazol-5-yl)oxanilic acid	1250	Thekodin	424
N-[p-(o-1H-Tetrazol-5-ylphenyl)benzyl]-N-valeryl-L-valine	1044, 4450	Thelestrin	8132
4-(1H-Tetrazol-5-yl)tetrazolo[1,5-a]quinoline	1294	Thelmesan	1176
4-(1H-Tetrazol-5-yl)tetrazolo[1,5-a]quinoline compound with 1-deoxy-1-(methylamino)-D-glucitol (1:1)	1295, 1789	thelykinin	8132
Tetrex	2569	Themalon	339
Tetrex BidCaps	2569	Themisone	2910
Tetridin	9432	Thenaldine	4003, 5654
Tetrim	2565	thenalidine	4003
Tetrine	7529	thenardite	7396
Tetripofen	774, 4776	Thenfadil	4004
Tetriv	2565	thenitrazole	3765
Tetronasin 5930	2299	2-Thenoylhydratropic acid	764, 4764
Tetropil	1224	Thenyldiamine	4004
Tetroquinone	1248, 8488	Thenyldiamine Hydrochloride	4005
Tetrosol	1355, 2568	Thenylene	3957
Tetroxoprim	1808	Theo-24	7260
Tetroxoprim Mixture with Sulfadiazine	1809	Theobid	7260
Tetrydamine	775, 5976	Theobid Duracap	7260
tetryzoline	183, 7794	Theobromine	7254, 7511, 7929
Tetucur	8284	1-Theobromineacetic Acid	7258
Teverelix	8589	1-Theobromineacetic Acid Sodium Salt	7259
Texacort	8677	Theobromine Calcium Salicylate	7255
Texmeten	4841, 8653	Theobromine compound with calcium salicylate	7930
TG	5348	Theobromine Sodium Acetate	7256
TG-51	6522	Theobromine Sodium Salicylate	7257
TGB	3004	Theocalcin	7255, 7930
αTGI	5344	Theochron	7260
TH-1064	7675, 9245	Theocin	7265
TH-1165	7171, 6915, 9591	Theoclear	7260
TH-1165a	6916, 7172, 9592	Theodrenaline	4498, 6996
TH-1321	2606	Theodrox	7117, 8809
TH-152	6938, 7204	Theo-Du	7260
TH-2180	889	Theofibrate	4095
TH-2602	5743	Theograd	7260
Th-494	1671	Theolair	7260
THA	3491, 9013, 9254	Theolair Plus, component of	7260, 8168
Thacapzol	4460	Theolamine	7117, 8809
Thalamonal, component of	5749	Theomin	7117, 8809
Thalamyd	2444	Theon	7228, 7260
Thalazole	2445	Theo-Organidin	7260
Thalidomide	9452	Theophyl	7260
Thalitone	4186, 7855	Theophyldine	7117, 8809
THAM	9044	theophyllamine	7117, 8809
Δ ¹ -THC	3546	Theophylline	7260
		7-theophylline acetic acid	7109, 7408, 7820
		theophylline 2-aminoethanol	7261
		theophylline choline	7131

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Theophylline compound with 2-amino-2-methyl-1-propanol (1:1)	7116	Thiamine Hydrochloride	8103, 9964
Theophylline compound with 3-(o-methoxy-phenoxy)-1,2-propanediol	7180	Thiamine Mononitrate	8104, 9965
Theophylline compound with ethylenediamine (2:1)	7117	thiaminium chloride	8100
Theophylline Ethanolamine	7261	Thiamiprine	5347
theophylline ethylenediamine	7117	Thiamphenicol	1876
Theophylline Isopropanolamine	7262	Thiamylal	893
Theophylline Lysine Salt	7263	Thiamylal Sodium	894
Theophylline Monohydrate	7264	Thianeuron	8073
theophylline olamine	7261	Thiantan	2715, 5473
Theophylline Sodium Acetate	7265	Thiantoin Sodium	2985
Theophylline Sodium Glycinate	7266, 8921	Thiaton	2836, 6251
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(E)-2-[2-[p-(3,3,3-Trifluoro-1,2-diphenylpropenyl)phenoxy]ethyl]amino]ethanol	3614	α -triglycidyl isocyanurate	5344
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6-(Trifluoromethyl)-2H-1,24-benzothiadiazine-7-sulfonamide 1,1-dioxide	7406	Trihexyphenidyl	2848, 5525
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2-Trifluoromethyl-9-[3-[4-(2-hydroxyethyl)piperazin-1-yl]propylidene]thioxanthene	5757	4',5,7-Trihydroxyflavone	5029
2-Trifluoromethyl-9-[3-[4-(2-hydroxyethyl)piperazin-1-yl]propylidene]thioxanthene decanoate	5758	3,4,5-Trihydroxybenzoic acid	6854
2-Trifluoromethyl-9-[3-[4-(2-hydroxyethyl)piperazin-1-yl]propylidene]thioxanthene dihydrochloride	5759	3 α ,7 α ,12 α -Trihydroxy-5 β -cholan-24-oic acid	7552
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8-(Trifluoromethyl)phenothiazine-1-carboxylic acid	4633	trihydroxyestrin	8127
4-[3-[2-(Trifluoromethyl)-10H-phenothiazin-10-yl]propyl]-1-piperazineethanol decanoate	5762	5,7,4'-Trihydroxyflavone	5029
4-[3-[2-(Trifluoromethyl)-10H-phenothiazin-10-yl]propyl]-1-piperazineethanol dihydrochloride	5764	3-(Trihydroxygermany)propionic acid polymer	8423
2-[4-[3-[2-(Trifluoromethyl)phenothiazin-10-yl]propyl]-1-piperazinyl]ethyl heptanoate	5763	1,3,8-Trihydroxy-6-methyl-9,10-anthracenedione	8509
($\pm$)-(R*,R*)- α -[2-(trifluoromethyl)-6-(α,α,α -trifluoro-p-tolyl)-4-pyridyl]-2-piperidine methanol phosphate (1:1) (salt)	4911	1,3,8-Trihydroxy-6-methylanthraquinone-1-rhamnoside	8511
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6,6,9-Trifluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione	4823	(6 α ,11 β)-11,17,21-Trihydroxy-6-methylpregna-1,4-diene-3,20-dione	8691
6,6,9-Trifluoro-11 β ,17,21-trihydroxy-16 α -methylpregna-1,4-diene-3,20-dione 21-acetone	4824	(6 α ,11 β)-11,17,21-Trihydroxy-6-methylpregna-1,4-diene-3,20-dione 21-acetate 17-propionate	8692
4-(α,α,α -Trifluoro-m-toluidino)nicotinic acid	7939	(11 β)-11,17,21-Trihydroxy-6-methylpregna-1,4-diene-3,20-dione 21-N,N-diethyl glycine ester	8705, 8706
N-(α,α,α -Trifluoro-m-tolyl)anthranilate	594, 4623	3 β ,5,14-Trihydroxy-19-oxo-5 β -bufa-20,22-dienolide 3-(3-methylcrotonate)	7411
N-(α,α,α -Trifluoro-m-tolyl)anthranilate aluminum salt (3:1)	595, 4624	5,6,7-Trihydroxy-2-phenyl-4H-1-benzopyran-4-one	6844
N-(α,α,α -Trifluoro-m-tolyl)anthranilate butyl ester	596, 4625	1-(2,3,4-Trihydroxyphenyl)ethanone	6066
6-(α,α,α -Trifluoro-p-tolyl)-3-morpholinone	8850	1-(2,4,6-Trihydroxyphenyl)-1-propanone	6208
1-[2-[4-(α,α,α -Trifluoro-m-tolyl)-1-piperazinyl]ethyl]-2-benzimidazolinone	3130	(11 β)-11,17,21-Trihydroxypregna-1,4-diene-3,20-dione	8677, 8707
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[2-[4-(α,α,α -Trifluoro-m-tolyl)-1-piperazinyl]ethyl]urea	9479	(11 β)-11,17,21-Trihydroxypregna-1,4-diene-3,20-dione 21-acetate 17-propionate	8678
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Trilafon	5827	ethyl ester	1507
Trilan	3270, 3588	3,4,5-Trimethoxybenzoic acid	
Trilene	865	1-[(isopentyloxy)methyl]-2-	
Trileptal	2973	morpholino ethyl ester hydrochloride	1508
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Trillium	3440	7',10,11-Trimethoxyemetan-6'-ol	1315, 8047
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Trilostane	59	(±)-(3,4,5-Trimethoxy-N-3-piperidyl	
Triludan	4002	benzamide	6540, 7763
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Trimar	865	2',4',6'-Trimethoxy-4-(1-pyrrolidinyl)	
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Trimedat	2851, 6260	isoxazol-17β-ol	8436
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Trimeprazine Tartrate	5657	1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl	
trimeprimine	3301	(1R, endo)-3-methylbutanoate	9301
trimeproprimine	3301	(±)-(cis or trans)-N,N,2-Trimethyl-3-chromanamine	3299
Trimesulf	2482	(±)-(cis or trans)-N,N,2-Trimethyl-3-chromanamine	
Trimetazidine	1480, 9793	hydrochloride	3300
Trimetazidine Dihydrochloride	1481, 9794	3,3,5-Trimethylcyclohexanol-α-phenyl-α-	
Trimethadione	3009	hydroxyacetate	9674, 9825
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bis(methylimino)]di-1-propanol	9758	trimethylene	849
3,4,5-Trimethoxybenzoic acid diester with		N,N'-Trimethylenebis[actobionamide]	
3,3'-[ethylenebis(methylimino)]di-1-propanol	9757	hexadecakis(sodium sulfate) (ester)	2865
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1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane	6404	Triovex	8127
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American Home Products

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Amersham Corp.

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Manufacturers and Suppliers Directory

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Amgen Center
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Ascher, B.F. & Co.
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Address Unknown

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www.bms.com

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**Brocades-Stheeman &
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% 3M Pharmaceuticals
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Carbide & Carbon Chem.
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Carlo Erba Reagenti
Strada Rivoltana KM. 6/7
20090 Rodano (Mi)
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www.carloerbareagent

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Chantal Pharmaceutical Corp.
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Chanterreau
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Chem.-Pharm. Fabrik
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Chemiewerk Homburg
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Chemoterapico
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Colgate-Palmolive
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Consiglio Nazionale delle Ricerche
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Kodak Co.

Cooper Vision, Inc.
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Fairport, NY 14450
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Corbiere
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Cortech, Inc.
376 Main St.
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Council of Scientific and Industrial Research, New Delhi
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Fax: +39 (02) 64432305
www.itfsp.com

Janssen Pharmaceutical, Inc.
1125 Trenton-Harbourton Rd.
P.O. Box 200
Titusville, NJ 08560
USA
Tel: +1 (609) 730-2000
www.us-janssen.com

Janssen Pharmaceutical, Ltd.
Grove
Wantage, Oxon. OX12 0DQ
England
Tel: +44 (01235) 777333
www.us-janssen.com

Johnson & Johnson Medical Inc.
One Johnson & Johnson Plaza
New Brunswick, NJ 08933
USA
Tel: +1 (732) 524-0400
www.jnj.com

Johnson & Johnson-Merck Consumer Pharmaceuticals
Camp Hill Rd.
Fort Washington, PA 19034
USA

Jouveinal
1, rue des Moissons - BP 100
94265 Fresnes Cedex
France
Tel: +33 (1) 40 96 74 00
Fax: +33 (1) 46 68 16 44

Julian
Address Unknown

Juvantia Pharma Ltd.
Tykistokatu 6A
FIN--20520 Turku
Finland
Tel: +358 2 333 7684
Fax: +358 2 333 7680

Kabi Pharmacia Diagnostics
800 Centennial Ave.
Piscataway, NJ 08540
USA

KabiVitrum AB
Direct Inquiries to Pharmacia
& Upjohn
www.pnu.com

Kaken Pharmaceutical Co., Ltd.
1 Hinode
Urayasu-shi, Chiba 279
Japan
Tel: +81 (473) 90-6140
Fax: +81 (473) 90-6161

Kakenyaku Kako
Address Unknown

Kali-Chemie
Hans-Bockler-Allee 20
D-30173 Hannover
Germany
Tel: +49 511 8571
Fax: +49 511 282126

Kalle BV
Wetering 20
NL-6002 SM Weert
The Netherlands
Tel: +31 (495) 45 84 58
Fax: +31 (495) 45 87 44

Kanebo Cosmetics Ltd.
Bone Lane
Newbury, Berks. RG14 5TD
England
Tel: +44 (01635) 46362
www.kanebo.co.jp/english

Kanebo Pharmaceuticals Ltd.
1-3-12, Motoakasaka
Minato-ku, Tokyo 107
Japan
Tel: +81 (3) 5411-3530
Fax: +81 (3) 5411-3568
www.kanebo.co.jp/english

Kefalas A/S
Address Unknown

Kendall McGaw Inc.
2525 McGaw Ave.
Irvine, CA 92614
USA
Tel: +1 (949) 660-2000

Key Pharmaceuticals
Direct Inquiries to
Schering-Plough

Keystone Chemurgic
Address Unknown

Kissei
Address Unknown

Klinge Pharma GmbH
Berg-am-Laim Str. 129
81673 Munich
Germany
Tel: +49 69 4544-01
Fax: +49 69 4544-1329
www.klinge.com

Knoll Ltd.
Fleming House
71 King St.
Maidenhead, Berks. SL6 1DU
England
Tel: +44 (01628) 776360
www.knoll.pharma.com

Knoll Pharmaceutical Co.
3000 Continental Dr., North
Mt. Olive, NJ 07828-1234
USA
Tel: +1 (800) 524-2474
www.knoll.pharma.com

Kobayashi Pharmaceutical Co., Ltd.
2-7-16, Shoji-higashi
Ikuno-ku, Osaka 544
Japan
Tel: +81 (6) 6754-9522

Kowa Chemical Industries Co., Ltd.
6-1-1, Heiwajima
Ohta-ku, Tokyo 143
Japan
Tel: +81 (3) 3767-3561
Fax: +81 (3) 3767-3917

Kreussler, Chemische-Fabrik
Rheingaustr. 87-93
D-65203 Wiesbaden
Germany
Tel: +49 611 92710
Fax: +49 611 9271-111
www.kreussler.de

KV Pharmaceutical
2503 S Hanley Rd.
Saint Louis, MO 63144-2555
USA
Tel: +1 (314) 645-6600

Kyorin Pharmaceutical Co., Ltd.
2-5, Kanda Surugadai
Chiyoda-ku, Tokyo 101
Japan
Tel: +81 (3) 3293-3411
Fax: +81 (3) 3293-6588

Kyowa Hakko Kogyo Co., Ltd.
Ohtemachi Bldg.
1-6-1 Ohte-machi
Chiyoda-ku, Tokyo 100
Japan
Tel: +81 (3) 3282-0007
Fax: +81 (3) 3284-1968

L. Merckle GmbH
Graf-Arco-Str. 3
89079 Ulm (Donau)
Germany
Tel: +49 731 402-01
Fax: +49 731 402-7832
www.merckle.de

Lab Cassenne Marion
Tour Roussel-Hoechst
1, terrasse Bellini
92910 Paris La Defense
Cedex
France
Tel: +33 (1) 40 81 55 00
Fax: +33 (1) 40 81 40 82

Lab. Albert Rolland
France Evry - Tour Lorraine
BP 203
91007 Evry Cedex
France
Tel: +33 (1) 64 97 20 30
Fax: +33 (1) 64 97 05 84

Lab. Bouchara
66, rue Marjolin
92300 Levallois Perret
France
Tel: +33 (1) 45 19 10 00
Fax: +33 (1) 45 46 82 95

Lab. Dausse
Address Unknown

Lab. Franc. Chimiother.
Address Unknown

Lab. Houdé
Tour Roussel-Hoechst
1, terrasse Bellini
92910 Paris La Defense
Cedex
France
Tel: +33 (1) 40 81 42 00
Fax: +33 (1) 40 81 51 43

Lab. Jacques Logeais
71, avenue du General de
Gaulle
92137 Issy Les Moulineaux
Cedex
France
Tel: +33 (1) 46 45 21 99

Lab. Laborec.
Address Unknown

Lab. Lafon, France
20, rue Charles Martigny
BP22
94701 Maisons Alfort
France
Tel: +33 (1) 49 81 81 00
Fax: +33 (1) 48 98 13 72

Lab. Mauricio Villela S.A.
Address Unknown

Lab. Meram
Avenue de la Liberation
77020 Melun Cedex
France
Tel: +33 (1) 64 87 20 50
Fax: +33 (1) 64 87 20 78

Manufacturers and Suppliers Directory

Lab. Prod. Biol. Braglia
Address Unknown

Lab. ProTer
Address Unknown

Labaz (Labs.)
1, rue de la Viegre
33003 Bordeaux Cedex
France
Tel: +33 (56) 90 91 93

Labaz S.A.
9, rue du President Allende
94258 Gentilly Cedex
France
Tel: +33 (1) 40 73 63 00
Fax: +33 (1) 40 73 48 57

Laboratoire UPSA
128, rue Danton BP 325
92506 Rueil Malmaison
Cedex
France
Tel: +33 (1) 47 16 87 72
Fax: +33 (1) 47 16 87 78

Laboratoires Biocodex
19, rue Barbes
92126 Montrouge Cedex
France
Tel: +33 (1) 46 56 67 89
Fax: +33 (1) 40 92 17 61

Laboratorio Bago, S.A.
Address Unknown

Labs. Fher S.A.
Address Unknown

Labs. Franca Inc.
Address Unknown

Labs. O.M.
Address Unknown

Labs. Sapos
Address Unknown

Lakeside BioTechnology
Address Unknown

Langley Smith Ltd.
Address Unknown

Lark, S.p.A.
Address Unknown

Laroche-Navarron
Address Unknown

Lederle Labs.
Direct Inquiries to
Wyeth-Ayerst

Lee Laboratories
1475 Athens Highway
Grayson, GA 30221
USA
Tel: +1 (770) 972-4450
Fax: +1 (770) 979-9570

Lemmon Co.
Direct Inquiries to Teva
Pharmaceutical

Lentia
Address Unknown

Leo AB
55 Industriparken
Ballerup
DK-2750 Copenhagen
Denmark
Tel: +45 44 923 800
Fax: +45 44 943 040

Lever Brothers
Direct Inquiries to Unilever

Licencia Budapest
Address Unknown

Lion Dentrifice
Address Unknown

Lipha Pharmaceuticals, Inc.
1114 Ave. of the Americas
41st Floor
New York, NY 10036
USA
Tel: +1 (212) 398-4602
Fax: +1 (212) 398-5021

Lipha Pharmaceuticals Ltd.
Harrier House
High St., Yiewsley
West Drayton
Middx. UB7 7QG
England
Tel: +44 (01895) 452200
Fax: +44 (01895) 420605
www.merck.de

Lloyd, Hamol Ltd.
Direct Inquiries to Reckitt &
Colman

Lombart Lenses Ltd., Inc.
1215 Boissevain Ave.
P.O. Box 1693
Norfolk, VA 23501
USA
Tel: +1 (757) 625-7866

Lorus Therapeutics, Inc.
7100 Woodbine Ave.
Ste. 215
Markham, ON L3R 5J2
Canada
Tel: +1 (905) 305-1100
Fax: +1 (905) 305-1584
www.lorusthera.com

Lovens Komiske Fabrik AS
Ramstadsletta 15
1322 Hovik
Norway
Tel: +47 (67) 12 30 03
Fax: +47 (67) 12 30 33

Lundbeck
37, ave. Pierre 1er de Serbie
75008 Paris
France
Tel: +33 (1) 53 67 42 00
www.lundbeck.de

Lundbeck GmbH & Co.
www.lundbeck.de

Lusofarmico
Address Unknown

Madan
Address Unknown

Maggioni Farmaceutici S.p.A.
Address Unknown

Mallinckrodt, Inc.
7733 Forsyth Blvd.
St. Louis, MO 63105-1820
USA
Tel: +1 (314) 654-2000
Fax: +1 (314) 654-6510
www.mallinckrodt.com

Maltbie Chem.
Address Unknown

Marion Merrell Dow Inc.
Direct Inquires to Hoechst
Marion Roussel Inc.

Mar-Pha Soc. Etud. Exploit.
Marques
Address Unknown

Martin Dennis
Address Unknown

Mar o Seiyaku
Address Unknown

Matieres Colorantes
255, rue de Paris
93100 Montreuil
France
Tel: +33 (1) 42 87 29 45
Fax: +33 (1) 42 87 10 39

Mauvernay
Address Unknown

May & Baker Ltd.
Address Unknown

McNeil Consumer Products Co.
7050 Camp Hill Rd
Fort Washington, PA 19034
USA
Tel: +1 (215) 233 7000
www.jnj.com

McNeil Pharmaceutical
McKean and Welsh Rds.
P.O. Box 13886
Spring House, PA 19477
USA
www.jnj.com

Mead Johnson Labs.
Direct Inquiries to Bristol
Myers Squibb Co.
www.meadjohnson.com

Mead Johnson Nutritional
Direct Inquiries to Bristol
Myers Squibb Co.
www.meadjohnson.com

Medco Research Inc.
85 T Alexander Dr.
P.O. Box 13886
Res. Triangle Pk., NC 27709
USA
Tel: +1 (919) 549-8117
Fax: +1 (919) 549-7515
www.medcores.com

Medical Market Specialties, Inc.
Address Unknown

Medicis Pharmaceutical Corp.
4343 E. Camelback Rd
Phoenix, AZ 85018
USA
Tel: +1 (602) 808-8800
Fax: +1 (602) 808-0822

Mediolanum Farmaceutici S.p.A.
Via S.G. Cottolengo, 15
20143 Milan
Italy
Tel: +39 (02) 8912-2232
Fax: +39 (02) 8913-2375
www.mediolanum-farma.com

Medi-Physics, Inc.
2320 W. Peoria Ave
Ste. B-140-A
Phoenix, AZ 85029
USA
Tel: +1 (602) 371-8021

Medi-Physics, Inc.
1341 Gene Autry Way
Anaheim, CA 92805
USA
Tel: +1 (714) 634-9633

Manufacturers and Suppliers Directory

Meiji Milk Products Co., Ltd.
2-3-6, Kyobashi
Chuo-ku, Tokyo 104
Japan
Tel: +81 (3) 3281-6118
Fax: +81 (3) 3281-4717

Meiji Seika Kaisha, Ltd.
2-4-16, Kyobashi
Chuo-ku, Tokyo 104
Japan
Tel: +81 (3) 3272-6511
Fax: +81 (3) 3271-5792

**Menley & James
Laboratories, Inc.**
100 Tournament Dr.
Horsham, PA 19044
USA
Tel: +1 (215) 441-6500
Fax: +1 (215) 441-6576

Merck & Co. Inc.
One Merck Dr.
P.O. Box 100
Whitehouse Sta., NJ 08889
USA
Tel: +1 (908) 423-1000
Fax: +1 (908) 594-4662
www.merck.com

Merck KGaA
Frankfurter Str. 250
D-64293 Darmstadt
Germany
Tel: +49 61 51-72-0
Fax: +49 61 51-72-2000
www.merck.de

Merck Ltd.
Merck House
Poole, Dorset BH15 1TD
England
Tel: +44 (01202) 669700
www.merck.de

Merck Pharmaceuticals Ltd.
Harrier House
High St.
West Drayton, Middx. UB7
7QC
England
Tel: +44 (01895) 452200
Fax: +44 (01895) 420605
www.merck.de

**Merck Sharpe & Dohme
Research Labs**
Hillsborough Rd.
Three Bridges, NJ 08887
USA
Tel: +1 (908) 369-4900
www.merck.com

**Merrell Dow Pharmaceuticals
Inc.**
P.O.Box 9627
Kansas City, MO 64134
USA
www.hmri.com

Merrell Pharmaceuticals Inc.
Address Unknown

Microbiochem. Res. Found.
Address Unknown

Miles Inc.
One Mellon Center
500 Grant St.
Pittsburgh, PA 15219-2502
USA
Tel: +1 (412) 394-5500
Fax: +1 (412) 394-5579
www.bayer.com

Mission Pharmacal Co.
1325 East Durango Blvd.
San Antonio, TX 78210-1771
USA
Tel: +1 (210) 553-7118

Mitsubishi Chemical Corp.
Mitsubishi Bldg.
5-2 Marunouchi 2-chome
Chiyoda-ku, Tokyo 100
Japan
Tel: +81 (3) 3283-6254
Fax: +81 (3) 3283-6287

Mitsubishi Kasei
Address Unknown

Mitsui Pharmaceuticals, Inc.
3-12-2, Nihonbashi
Chuo-ku, Tokyo 103
Japan
Tel: +81 (3) 3274-4711
Fax: +81 (3) 3281-4670

Mitsui Toatsu
Address Unknown

Mizzy
Address Unknown

Mobay
Direct Inquiries to Monsanto

Mondi
Address Unknown

Monsanto Co.
800 North Lindbergh Blvd.
St. Louis, MO 63167
USA
Tel: +1 (314) 694-1000
www.monsanto.com

Mundipharma AG
Mundipharma Str. 6
65549 Limburg (Lahn)
Germany
www.mundipharm.de

Muro Pharmaceuticals, Inc.
890 East St.
Tewksbury, MA 01876-1496
USA
Tel: +1 (978) 851-5981
Fax: +1 (978) 851-7346
www.muropharm.com

N. Am. Philips
Address Unknown

**N.V. Nederlandsche Comb.
Chem. Ind.**
Address Unknown

**N.V. Amsterdamsche
Chininefabriek**
Address Unknown

N.V. Philips
Address Unknown

National Cancer Institute
Bethesda, MD 20892
www.nci.nih.gov

National Drug Co.
Address Unknown

**National Foundation for
Cancer Research**
Address Unknown

National Research Dev. Corp.
Address Unknown

Natterman
Address Unknown

Naugatuck
Address Unknown

Newport
Address Unknown

Nicholas Labs. Ltd.
Address Unknown

Nihon Nohyaku Co., Ltd.
Eitaro Bldg.
1-2-5 Nihonbashi
Chuo-ku, Tokyo 103
Japan
Tel: +81 (3) 3278-0461
Fax: +81 (3) 3281-5462

Nippon Chemiphar.
2-2-3, Iwamoto-cho
Chiyoda-ku, Tokyo 101
Japan
Tel: +81 (3) 3863-1211
Fax: +81 (3) 3864-5940

Nippon Kayaku Co., Ltd.
Tokyo Fujimi Bldg.
1-11-2 Fujimi
Chiyoda-ku, Tokyo 102
Japan
Tel: +81 (3) 3237-5111
Fax: +81 (3) 3237-5091

Nippon Shinyaku, Japan
Hachijo Sagaru, Nishiohji
Minami-ku, Kyoto 601
Japan
Tel: +81 (75) 321-9105
Fax: +81 (75) 321-0400

Nissan Kenzai Co., Ltd.
C/O Nissan Chemical
Industries, Toyama Factory
635, Sakakura, Fuchu-machi
Nei-gun, Toyama 939-27
Japan
Tel: +81 (764) 65-6300
Fax: +81 (764) 65-6303

Nisshin Denka K.K.
2-2-1, Ohama
Sakata-shi, Yamagata 998
Japan
Tel: +81 (0234) 33-2121

Nisshin Kasei Co., Ltd.
11-5, Senju Kawara-machi
Adachi-ku, Tokyo 120
Japan
Tel: +81 (3) 3888-1181
Fax: +81 (3) 3870-2121

Nopco
Address Unknown

Nordmark
Address Unknown

Norton, H.N.
Gemini House
Flex Meadows
Harlow, Essex CM19 5TJ
England
Tel: +44 (01279) 426666

Norwich
Direct Inquiries to Procter &
Gamble

Norwich Eaton
Direct Inquiries to Procter &
Gamble

**Novartis Pharmaceuticals,
Corp.**
59 Route 10
East Hanover, NJ
07936-1011 USA
Tel: +1 (908) 503-7500
www.novartis.com

Novo Nordisk Biotech, Inc.
1445 Drew Ave.
Davis, CA 95616
USA

Manufacturers and Suppliers Directory

Novo Nordisk Pharmaceuticals Inc.
100 Overlook Center #2
Princeton, NJ 08540-7814
USA
Tel: +1 (609) 987-5800
www.novo.dk

Novocol Chem.
Address Unknown

Novopharm Biotech, Inc.
147 Hamelin Street
Winnipeg, MB R3T 3Z1
Canada
Tel: +1 (204) 478-1023
Fax: +1 (204) 452-7721

Occidental Chemical Corp.
Occidental Tower
5005 LBJ Freeway
Dallas, TX 75244
USA
Tel: +1 (972) 404 3800
www.oxychem.com

Oclassen Pharmaceuticals Inc.
100 Pelican Way
San Rafael, CA 94901
USA
Tel: +1 (415) 258-4500
Fax: +1 (415) 258-4550

Octel Chemicals Ltd.
P.O. Box 17, Oil Sites Road
Ellesmere Port
South Wirral, L65 4HF
England
Tel: +44 (0151) 3553611

Oesterreiche Stickstoffwerke
Address Unknown

Ohio State University
Address Unknown

Olin Mathieson
Address Unknown

Olin Research Ctr.
350 Knotter Dr.
P.O. Box 586
Cheshire, CT 06410
USA
Tel: +1 (203) 271-4316
Fax: +1 (203) 271-4060
www.OlinBriocides.com

Omnium Chim.
Address Unknown

O'Neal, Jones & Feldman Pharmaceuticals
Address Unknown

Ono Pharmaceutical
2-1-5, Dosho-machi
Chuo-ku, Osaka 541
Japan
Tel: +81 (6) 6222-5551
Fax: +81 (6) 6222-5706

Optacryl, Inc.
2890 S. Tejon St.
Englewood, CO 80110-0120
USA
Tel: +1 (303) 789-0933

Optech, Inc.
6341 Troy Circle
Englewood, CO 80111-0641
USA
Tel: +1 (303) 708-1390

Orgamol, S.A.
Address Unknown

Organon Inc.
375 Mount Pleasant Ave
West Orange, NJ 07052
USA
Tel: +1 (201) 325-4500

Organon Laboratories Ltd.
Science Park
Milton Rd.
Cambridge, Cambs. CB4 4FL
England
Tel: +44 (01223) 423445

Orion Pharma
Orionintie 1
P.O. Box 65
FIN-02101 Espoo
Finland
Tel: +358 9 4291
Fax: +358 9 4293815
www.orion.fi

Orsymonde
Address Unknown

Ortho Biotech Inc.
P.O.Box 670
700 US Highway 202 South
Raritan, NJ 08869-0670
USA
Tel: +1 (908) 704-5000
www.inj.com

Ortho Diagnostic Systems Inc.
US Route 202
Raritan, NJ 08869
USA
Tel: +1 (908) 218-8000
www.inj.com

Ortho Pharmaceutical Corp.
Route 202 South
Raritan, NJ 08869
USA
Tel: +1 (908) 704-1500
Fax: +1 (908) 526-4997
www.inj.com

OSI Pharmaceuticals
106 Charles Lindbergh Blvd.
Uniondale, NY 11553-3649
USA
Tel: +1 (516) 222-0023
Fax: +1 (516) 222-0114
www.osip.com

OSSW
Address Unknown

Otsuka America Pharmaceutical
2440 Research Blvd. Ste. 500
Rockville, MD 20850
USA
Tel: +1 (301) 990-0030
www.otsuka-america.com

Otsuka Pharmaceuticals Co. Ltd.
2-9, Kanda Tsukasa-cho
Chiyoda-ku, Tokyo 101-8535
Japan
Tel: +81 (3) 3292-0021
www.otsuka-america.com

OXIS International, Inc.
6040 NorthCutter Circle
Ste. 317
Portland, OR 97217
USA
Tel: +1 (503) 283-3911
Fax: +1 (503) 283-4058
www.oxis.com

Paines & Byrne Ltd.
Address Unknown

Paragon Vision Sciences
947 Elm Avenue
Mesa, AZ 85204
USA
Tel: +1 (480) 892 7602
www.paragonvision.com

Parke Davis & Co. Ltd.
Lambert Court
Chestnut Ave.
Eastleigh, Hamps. SO5 3ZQ
England
Tel: +44 (01703) 620500

Parke-Davis
2800 Plymouth Rd.
Ann Arbor, MI 48105
USA
Tel: +1 (734) 622-7000
Fax: +1 (734) 622-5229
www.parke-davis.com

Patchem, AG
Address Unknown

PCAS
Address Unknown

Penederm Inc.
320 Lakeside Dr., Ste. A
FosterCity, CA 94404
USA
Tel: +1 (415) 358-0100
Fax: +1 (415) 358-0101
www.penederm.com

Penick
Address Unknown

Penta Mfg.
P.O. Box 1448
Fairfield, NJ 07007
USA
Tel: +1 (201) 740-2300
Fax: +1 (201) 740-1839

Pentapharm
Engelgasse 109
CH-4002 Basel
Switzerland
Tel: +41 (61) 706-9848
Fax: +41 (61) 319-9619
www.pentapharm.ch

PerImmune, Inc.
1330 Piccard Dr.
Rockville, MD 20850-4396
USA
Tel: +1 (301) 258-5200
www.perimmune.com

Permeable Technologies, Inc.
712 Ginesi Dr.
Morganville, NJ 07751
USA

Person & Covey, Inc.
616 Allen Ave
Glendale, CA 91201-0201
USA
Tel: +1 (818) 240-1030

Perstorp AB
SE-28 4 80 Perstorp
Sweden
Tel: +46 (0) 435 3800
Fax: +46 (0) 435 3810
www.perstorp.se

Pfalz & Bauer
172 E. Aurora St.
Waterbury, CT 06708
USA
Tel: +1 (203) 574-0075
Fax: +1 (203) 574-3181
www.pfaltzandbauer.com

Pfanzstiehl Laboratories Inc.
1219 Glen Rock Ave.
Waukegan, IL 60085
USA
Tel: +1 (847) 623-0370
Fax: +1 (847) 623-9173

Manufacturers and Suppliers Directory

Pfizer Group Ltd.
P.O.Box 2
Ramsgate Rd.
Sandwich, Kent CT13 9NJ
England
Tel: +44 (01304) 616161

Pfizer Inc.
Central Research
Eastern Point Rd.
Groton, CT 06340
USA
Tel: +1 (860) 441-4100
www.pfizer.com

Pfizer International
235 E. 42nd St.
New York, NY 10017-5755
USA
www.pfizer.com

Pfleger (Dr. R. Pfleger)
96045 Bamberg
Germany
Tel: +49 951 60430
Fax: +49 951 604329

Pharm. Res. Products
Address Unknown

Pharmachemie
Swensweg 5
P.O. Box 552
2003 RN Haarlem
The Netherlands
Tel: +31 23 524 77 90
Fax: +31 23 514 77 74
www.pharmachemie.nl

Pharmacia
Direct Inquiries to Pharmacia
& Upjohn

Pharmacia & Upjohn
95 Corporate Dr.
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Fax: +1 (908) 306-4433
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Pharmacia & Upjohn AB
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Tel: +46 (08) 695 8000
Fax: +46 (08) 618 8607
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Pharmacia & Upjohn, Inc.
301 Henrietta St.
Kalamazoo, MI 49001
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Tel: +1 (616) 323-4000
Fax: +1 (616) 323-4077
www.pharmacia.se

Pharmacia Hepar Inc.
150 Industrial Dr.
Franklin, OH 45005
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Tel: +1 (513) 746-3603

Pharmos Corp.
Two Innovation Dr.
Alachua, FL 32615
USA
Tel: +1 (904) 462-1210
Fax: +1 (904) 762-5401
www.pharmos.de

Philips-Duphar B.V.
Address Unknown

Phillips
Specialty Chemicals
874 Adams Bldg.
Bartlesville, OK 74004
USA
Tel: +1 (918) 661-9092
Fax: +1 (918) 661-8379
www.phillipsspecialtychem.com

Perre Fabre
5, ave. Napoleon III - BP 497
74164 St. Julien en Genevois
Cedex
France
Tel: +33 (4) 50 35 35 55
Fax: +33 (4) 50 35 35 90
www.dermaweb.com

Pierre Fabre
45, place Abel-Gance
92654 Boulogne Cedex
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Tel: +33 (1) 49 10 80 00
Fax: +33 (5) 61 39 15 98
www.dermaweb.com

Pierrel S.p.A.
Address Unknown

Pilkington Barnes Hind
810 Kifer Rd
Sunnyvale, CA 94086
USA
Tel: +1 (858) 614-7600
www.allergan.com

Pineapple Research Inst.
Address Unknown

Pitman Moore Europe Ltd.
Breakspear Road South
Harefield
Uxbridge, Middx. UB9 6LS
England
Tel: +44 (01895) 626000

Pitman-Moore, Inc.
1201 Douglas Ave
Kansas City, KS 66103-0140
USA
Tel: +1 (913) 321-1070

Polaroid
Address Unknown

Polfal
Address Unknown

Polichimica S.p.A.
Address Unknown

Poythress
Address Unknown

Pratt Pharmaceuticals
% Pfizer Inc
235 E. 42nd St.
New York, NY 10017-5755
USA

**Procter & Gamble
Pharmaceuticals, Inc.**
11810 East Miami River Rd.
Ross, OH 45061
USA
Tel: +1 (513) 983-1100
www.pg.com

ProCyte Corp.
12040 115th Ave. NorthEast
Ste. 210
Kirkland, WA 98034-6900
USA
Tel: +1 (206) 820-4548
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Promonta
Direct Inquiries to Lunbeck
GmbH
www.promonta-lundbeck.de

Provesan S.A.
Address Unknown

Purdue Pharma L.P.
100 Connecticut Ave
Norwalk, CT 06856
USA
Tel: +1 (203) 853-0123
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Quimicobiol
Address Unknown

Quinoderm Ltd.
Address Unknown

**R.W. Johnson Pharmaceutical
Research Institute**
Route 202 South
P.O. Box 300
Raritan, NJ 08869-0602
USA
Tel: +1 (908) 704-4000

Raschig GmbH
Ludwigshafen
Germany
www.rachig.de

Ravensberg
Address Unknown

Ravizza
Address Unknown

Recherche et Ind. Therap.
Address Unknown

Reckitt & Colman Europe
One Burlington Lane
London, W4 2RW
England
Tel: +44 (0181) 994-6464
Fax: +44 (0181) 944-8940
www.rickitt.com

Reckitt & Colman Inc.
1655 Valley Rd.
Wayne, NJ 07470
USA
Tel: +1 (973) 633-3600
Fax: +1 (973) 633-3633
www.rickitt.com

Rcordati Corp.
110 Commerce Dr.
Allendale, NJ 07401
USA
Tel: +1 (212) 236-3669
Fax: +1 (212) 236-9404
www.recordati.it

**Recordati Industria Chimica E
Farmaceutica S.p.A.**
Via M Civitali, 1
I-20148 Milano
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Tel: +39 (02) 487 87536
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www.recordati.it

Reed & Carnrick
65 Horse Hill Rd
Cedar Knolls, NJ 07927
USA
Tel: +1 (973) 267-2670

Refarmed
Address Unknown

Res. Inst. Pharm. Chem.
Address Unknown

Research Corp.
Address Unknown

Resfar S.R.L.
Address Unknown

Rexall Sundown, Inc.
6111 Broken Sound Parkway
Boca Raton, FL 33487
USA
Tel: +1 (561) 241-9400
Fax: +1 (561) 995-0197
www.rexallsundown.com

Rhinepreussen AG
Address Unknown

Manufacturers and Suppliers Directory

Rhône Poulenc Rorer

20, avenue Raymond Aron
92165 Antony Cedex
France
Tel: +33 (1) 55 71 71 71
www.rp-roorer.com

Rhône Poulenc Rorer Holdings Ltd.

St Leonards House
52 St Leonard Rd.
Eastbourne, Suss. BN21 3YG
England
Tel: +44 (01323) 721422
www.rp-roorer.com

Rhône-Poulenc

Direct Inquiries to
Rhône-Poulenc Rorer

Rhône-Poulenc Rorer Pharmaceuticals Inc.

P.O.Box 1200
Collegeville, PA 19426-0107
USA
www.rp-roorer.com

Richardson-Merrell

Direct Inquiries to Hoechst
Marion Roussel

Richardson-Vicks Inc.

Direct Inquiries to Hoechst
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Riedel de Haen (Chinosolfabrik)

Wunstorfer Str. 40
30926 Seeize
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Riker Labs.

Direct Inquiries to 3M
Pharmaceuticals

Robert et Carriere

Address Unknown

Roberts Pharmaceutical Corp.

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USA
Tel: +1 (732) 676-1200
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www.robertspharm.com

Roche Laboratories

340 Kingsland St.
Nutley, NJ 07110-1199
USA
Tel: +1 (973) 235-5000
www.roche.com

Roche Products Ltd.

40 Broadwater Road
Welwyn Garden City
Herts. AL7 3AY
England
Tel: +44 (01707) 328128
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Roche Puerto Rico

Direct Inquires to ICN
Pharmaceuticals
www.roche.com

Roerig Div., Pfizer Pharmaceuticals

235 E. 42nd St.
New York, NY 10017-2399
USA
www.pfizer.com

Rohm and Haas Co.

100 Independence Mall West
Philadelphia, PA 19106-2399
USA
Tel: +1 (215) 785-8000
www.rohmhaas.com

Rorer

Direct Inquiries to
Rhône-Poulenc Rorer

Ross Products

U.S. Highway 29 North
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Altavista, VA 24517
USA
Tel: +1 (804) 369-3100
www.abbott.com

Roswell Park Memorial Inst.

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Rotta Pharm

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Roussel Laboratories Ltd.

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Roussel-UCLAF

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Marion Roussel

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Rowa-Wagner

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Rybar Labs. Ltd.

Address Unknown

Rystan Co., Inc.

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S.I.F.A.

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Salix Pharmaceuticals, Inc.

3600 W. Bayshore Rd.
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San NopCo. Ltd.

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Sandoz Pharmaceuticals Corp.

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Pharmaceuticals

Sankyo Co., Ltd.

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Japan
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www.sankyopharma.ch

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USA
Tel: +1 (215) 321-7560

Sanofi Winthrop France

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France
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Fax: +33 (1) 41 24 63 00

Santen Pharmaceutical Co., Ltd.

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Fax: +81 (6) 6325-8209

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www.savagelabs.com

Schein Pharmaceutical, Inc.

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Phoenix, AZ 85043-4705
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Fax: +1 (602) 447-3385
www.schein.rx.com

Schenley

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Schering Health Care Ltd.

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Tel: +44 (01444) 232323
www.schering.de

Schering Plough Ltd.

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Schering-Plough HealthCare Products

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Schering-Plough Pharmaceuticals

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Schiapparelli

Direct Inquiries to Alfa
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Schwartz's Essencefabriken

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Schwarz Arztnelmittelfabrik
Address Unknown

Schwarz Pharma Kremers Urban Co.
6140 Est Executive Dr.
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USA
www.-hc-ac-ca.com

Schwarz Pharma Ltd.
Schwarz House
East St.
Chesham, Bucks. HP5 1DG
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Sci. Union et Cie, France
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SciClone Pharmaceuticals, Inc.
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www.scicloneinternational.com

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Sunnyvale, CA 94086
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Fax: +1 (408) 481-9188
www.sciosinc.com

Scotia Pharmaceuticals, Ltd.
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SCS Pharmaceuticals
Address Unknown

Searle Ltd.
P.O.Box 53
Lane End Rd. High Wycombe,
Bucks. HP12 4HL
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Fax: +44 (01494) 447872
www.searlehealthnet.

Searle, G.D., & Co.
5200 Old Orchard Rd.
Skokie, IL 60077
USA
Tel: +1 (847) 982-7000
Fax: +1 (847) 470-1480
www.searlehealthnet.

Seceph
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Selvi
Address Unknown

Serono Laboratories Ltd.
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Serono Laboratories, Inc.
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Norwell, MA 02061-0163
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Shell
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Houston, TX 77252-2463
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Fax: +1 (713) 241-4043
www.shell.com

Shionogi & Co., Ltd.
3-1-8, Dosho-machi
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Siegfried AG
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Fax: +1 (301) 948-3194
www.sigmatau.com

Sigma-Tau S.p.A.
Industrie farmaceutiche riunite
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00144 Rome
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www.sigma-tau.it

Simes S.p.A.
Address Unknown

Smith, T&H
Address Unknown

SmithKline Beecham Animal Health
Direct Inquiries to Pfizer, Inc.

SmithKline Beecham Pharmaceuticals
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Fax: +1 (215) 751-7655
www.sb.com

Snow Brand Milk Products Co., Ltd.
44 Montgomery St.
San Francisco, CA 94104
USA
Tel: +1 (415) 677-0914
www.sb.com

Soc. Belge Azote Prod. Chim. Marly
Address Unknown

Soc. Belge des Labs. Labaz
Address Unknown

Soc. Chim. des Usines du Rhône
Address Unknown

Soc. Chim. Org. Biol.
Address Unknown

Soc. Etudes Sci. Ind. L'Île de France
Address Unknown

Soc. Farmaceutici Italia
Address Unknown

Soc. Franc. Recherches Biochim.
Address Unknown

Soc. Ind. Fabric. Antibioit.
Address Unknown

Soc. Italo-Brit. L. Manetti
Address Unknown

Soc. Italo-Brit. L. Manetti-H. Roberts
Address Unknown

Societa Prodiotti Antibiotici, Italy
Address Unknown

Societe Belge de l'azote
Address Unknown
Societe Berri-Balzac
Address Unknown

Sogeras
Address Unknown

Sola/Barnes-Hind
Direct Inquiries to Allergan Inc.

Solvay America, Inc.
3333 Richmond Ave.
Houston, TX 77098-3009
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Fax: +1 (713) 525-7887
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Solvay Animal Health, Inc.
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Mendota Heights, MN 55120
USA
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Fax: +1 (651) 681-9425
www.solvay.com

Solvay Deutschland GmbH
Hans-Bockler-Allee 20
D-30173 Hannover
Germany
Tel: +49 511-85-70
Fax: +49 511-28-21-26
www.solvay.com

Solvay Duphar Laboratories Ltd.
Duphar House, Gaters Hill
West End, Southampton,
Hamps. SO3 3JD
England
Tel: +44 (0170) 4722
www.solvay.com

Solvay Pharmaceuticals SA
33, rue du Prince Albert
B-1050 Brussels
Belgium
Tel: +32 (2) 509 6111
Fax: +32 (2) 509 6304
www.solvay.com

Solvay Pharmaceuticals, Inc.
901 Sawyer Rd.
Marietta, GA 30062
USA
Tel: +1 (770) 578-9000
www.solvay.com

Solvay Holding Co. Ltd.
Grovelands Business Centre
Boundary Way
GB Hemel Hempstead
Herts. HP2 7TE
England
Tel: +44 (01442) 236555
Fax: +44 (01442) 238770
www.solvay.com

Somerset Pharmaceuticals Inc.
5215 W Laurel St.
Tampa, FL 33607-0172
USA
Tel: +1 (813) 288-0040
www.somersetpharm.com

Sonus Pharmaceuticals, Inc.
22026 20th Ave. SE
Bothell, WA 98021-4405
USA
Tel: +1 (206) 487-9500
www.sonuspharm.com

SPA
Address Unknown

Manufacturers and Suppliers Directory

Sphinx Pharmaceutical Corp.
20 T. W. Alexander Dr.
Res. Triangle PK, NC 27709
USA
Tel: +1 (919) 314-4000
Fax: +1 (919) 314-4350
www.sphinxpharm.com

SPOFA
Husinecka Ila
130 00 Praha 3
Czech Republic
Tel: +42 (2) 6278502
Fax: +42 (2) 6278320
www.infopharm.cz

Spojene
Direct Inquires to SPOFA

Squibb, E.R. & Sons
Direct Inquiries to
Bristol-Myers Squibb Co.

Standard Oil Co., Indiana
Division of AMOCO Oil
Hc 331 Box S
Bremen, IN 46506
Tel: +1 (219) 546-4342

**State of Michigan
Department of Public Health.**
Address Unknown

Stauffer Chemical Co.
Address Unknown

Stem Corporation
Woodrolfe Road
Tollesbury, Essex CM9 8SJ
England
Tel: +44 (01621) 868685
Fax: +44 (01621) 868445
www.stemcorp.com

Sterling Health U.S.A.
Direct Inquiries to Sanofi
Winthrop

Sterling Research Labs.
Direct Inquiries to Sanofi
Winthrop

Sterling Winthrop, Inc.
Direct Inquiries to Sanofi
Winthrop

Stiefel France
ZI du Petit Nantere
15, rue des Grands Pres
92007 Nanterre Cedex
France
Tel: +33 (1) 46 49 80 50
Fax: +33 (1) 47 82 99 72
www.stiefel.com

Stiefel Laboratories, Inc.
255 Alhambra Circle
Coral Gables, FL 33134
USA
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Fax: +1 (305) 443-3467
www.stiefel.com

Stokely-Van Camp
Oakland, CA 94601
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Stuart
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**Sumitomo Pharmaceuticals
Co., Ltd.**
2-2-8, Dosho-machi
Chuo-ku, Osaka 541
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www.sumitomopharm.com

Sun Pharmaceuticals Corp.
1345 Pine Ave.
Orlando, FL 32824-7942
USA
Tel: +1 (407) 859-3162

SunPharm Corp.
4651 Salisbury Rd. Ste. 205
Jacksonville, FL 32256
USA
Tel: +1 (904) 296-3320

Suntory Ltd.
2-1-40, Dojimahama
Kita-ku, Osaka 530
Japan
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Fax: +81 (6) 6345-1169
www.suntory.com

**Synaptic Pharmaceutical
Corp.**
215 College Rd.
Paramus, NJ 07652
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Synergen, Inc.
1885 33rd St
Boulder, CO 80301-2505
USA

Tel: +1 (303) 938-6200
Fax: +1 (303) 441-5535

Syntex International, Ltd.
Direct Inquiries to Hoffman
LaRoche

Syntex Labs. Inc.
Boulder, CO
USA
www.boulder.syntex.com

Syntex Pharmaceuticals, Ltd.
Syntex House
St Ives Rd.
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Synthelabo Pharmacie
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Taisho
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**Takeda Chemical Industries,
Ltd.**
4-1-1, Dosho-machi
Chuo-ku, Osaka 541
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Fax: +81 (6) 6204-2880
www.takeda.co.jp

**Tanabe Research
Laboratories, USA, Inc.**
4540 Towne Centre Ct.
San Diego, CA 92121
USA
Tel: +1 (619) 558-9211
www.trlusa.com

Tanabe Seiyaku
Address Unknown

TAP Pharmaceuticals, Inc.
Bannockburn Lake Office Plaza
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Deerfield, IL 60015
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TCI America
9211 North Harborgate St.
Portland, OR 97203
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www.tciamerica.com

TechAmerica
Address Unknown

Teijin Ltd.
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www.teijinkasei.com

**Teikoku Hormone Mfg. Co.,
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Telios Pharmaceuticals, Inc.
4757 Nexus Centre Dr.
San Diego, CA 92121
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Tel: +1 (619) 622-2600
www.integra-ls.com

Teva Pharmaceuticals (USA)
650 Cathill Rd.
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Sellersville, PA 18960
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www.tevapharmusa.com

The Boots Company
1 Thane Road West
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www.boots.co

The Cooper Companies, Inc.
10 Faraday
Irvine, CA 92618-1850
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www.coopercos.com

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Pharmaceutical Research
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**The Wellcome Foundation
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Manufacturers and Suppliers Directory

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Thomae GmbH, Dr. Karl

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Tillots Pharma

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Torii Pharmaceutical Co., Ltd.

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Toyo Jozo

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Chemical

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Trega Biosciences, Inc.

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Triple Crown America, Inc.

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Perkasie, PA 18944
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www.triplecrownamerica.com

Troponwerke Dinklage

Address Unknown

U. S. Vitamin

Address Unknown

U.S. Bioscience Corp.

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W. Conshohocken, PA
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www.usbio.com

U.S. Ethicals, Inc.

Address Unknown

U.S. Government

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UCB Pharma

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UCB Pharma oy Finland

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Ucyclyd Pharma, Inc.

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www.unimed.com

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United Catalysts Inc.

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Fax: +1 (502) 637-3132
www.unitedcatalysts.com

University of California

Address Unknown

University of Michigan

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Upjohn Ltd.

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Uriach

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Usines de Melle

Direct Inquiries to Rhône
Poulenc

Valeas

via Vallisneri, 10
20133 Milano
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DRUGS

SYNONYMS & PROPERTIES

EDITED BY G W A MILNE

Drugs: Synonyms and Properties provides comprehensive coverage of the 10,000 drugs currently in common use worldwide. Its overall organization and inclusion of detailed chemical information fills an important gap in drug information. This reference, edited by a world-renowned authority in drug design and chemical information, sets a new standard in drug information and is destined to become one of the bibles of pharmaceutical research and application.

This book organizes the 10,000 drugs currently in use by therapeutic category. Therefore all tranquilizers, all antidepressants, or all anorexic agents, for example, are grouped together. In all, 201 categories are represented. Finally, all drugs in a given category can be reviewed very easily and their relative properties compared quickly.

A key strength of this reference is the extensive coverage of synonyms. The book includes an index of 60,000 drug synonyms and trade names with a cross-reference to their main entry. This extraordinarily comprehensive view of trade names and generic synonyms makes *Drugs: Synonyms and Properties* one of the world's most exhaustive references in its field.

For each main entry, the following information is provided: chemical name and a list of trade names and synonyms; the Chemical Abstracts Service (CAS) Registry Number; the European Inventory of Existing commercial Chemical Substances (EINECS) Number; the Merck Index (Twelfth Edition) Number; the physical properties of each compound; and the known biological activity and indicated applications. Indexes, including a master index of names and synonyms, are appended.

This reference will be invaluable to research chemists, biologists, and physicians and to anyone interested in drugs who, starting with a single synonym for a drug, will be able to quickly find a thumbnail sketch of the essential information concerning the agent.

The Editor

G W A Milne was a Senior Researcher at the National Institutes of Health in Bethesda, MD, USA where he worked on the use of spectroscopy for structure determination of organic compounds, and on molecular modeling in the design of drugs for the treatment of cancer and AIDS. He has been active for many years in the fields of chemical information and chemical computation and is the Editor of the American Chemical Society's *Journal of Chemical Information and Computer Sciences*. In 1999, jointly with Stephen Heller, Dr Milne was awarded the Skolnik Award of the Chemical Information Division of the American Chemical Society.

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