Supplement to WHO Chronicle, 1974, Vol. 28, No. 10

International Nonproprietary Names for Pharmaceutical Substances

In accordance with paragraph 7 of the Procedure for the Selection of Recommended International Nonproprietary Names for Pharmaceutical Substances, 1 no-

tice is hereby given that the following are selected as recommended international nonproprietary names.

The inclusion of a name in the

lists of recommended international nonproprietary names does not imply any recommendation for the use of the substance in medicine or pharmacy.

Recommended International Nonproprietary Names (Rec. INN): List 142

Recommended International Nonproprietary Name (Latin, English) Chemical Name or Description and Molecular Formula

acetiromatum acetiromate

acidum metenamicum

mefenamic acid

acidum tiaprofenicum tiaprofenic acid

acidum tibricum

alprazolamum alprazolam

aluminii clofibras aluminium clofibrate

amfebutamonum amfebutamone

amikacinum amikacin

amindocatum amindocate

amogastrinum amogastrin

anazocinum anazocine 4-(4-hydroxy-3-iodophenoxy)-3,5-diiodobenzoic acid acetate

N-(2,3-xylyl)anthranilic acid

C1511151402

5-benzoyl-α-methyl-2-thiopheneacetic acid C14H12O3S

0,41112000

2-chloro-5-[(cis-3,5-dimethylpiperidino)sulfonyl]benzoic acid

C14H1BCINO4S

8-chloro-1-methyl-6-phenyl-4H-s-triazolo [4,3-a] [1,4] benzodíazepine

C17H13CIN4

bis [2-(p-chlorophenoxy)-2-methylpropionato]hydroxyaluminum

C20H21AICI2O7

(±)-2-(tert-butylamino)-3'-chloropropiophenone

C13H18CINO

O-3-amino-3-deoxy- α -D-glucopyranosyl(1 \rightarrow 4)-O-[6-amino-6-deoxy- α -D-glucopyranosyl(1 \rightarrow 6)]-N³-(4-amino-L-2-hydroxybutyryl)-2-deoxy-L-

streptamine C22H43N5O13

2-(dimethylamino)ethyl 1-[2-(dimethylamino)ethyl]-2,3-dimethylindole-5-

carboxylate C19H29N3O2

N-carboxy-L-tryptophyl-L-methionyl-L-a-aspartyl-3-phenyl-L-alaninamide

N-tert-pentyl ester C35H46N6O8S

9-syn-methoxy-3-methyl-9-phenyl-3-azabicyclo [3.3.1] nonane

C16H23NO

¹ Off. Rec. Wid Hith Org., 1955, 60, 3 (Resolution EB15 R7); 1969, 173, 10 (Resolution EB43.R9).

Other lists of recommended international

nonproprietary names can be found in Chron. Wid Hith Org., 1955, 9, 185; WHO Chronicle 1959, 13, 106, 463; 1962, 16, 101; 1965, 19, 165, 206, 249; 1966, 20, 421; 1967, 21, 538; 1968,

22, 463; 1969, 23, 490; 1970, 24, 526, 1971, 25, 476; 1972, 26, 476, 1973, 27, 453,

3-(diethylamino)propiophenone O-[(p-methoxyphenyl)carbamoyl]oxime

anidoximum

C21H27N3O3 anidoxime 2-chlorg-10-[3-(hexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl)propionyl]azaclorzinum phenothiazine azaciorzine C22H24CIN3OS 10-[3-(hexahydropyrrolo[1,2-a]pyrazin-2(1H)-yl)propionyl]azaftozinum 2-(trifluoromethyl)phenothiazine azaftozine CzaHz4FaNaOS N-acetyl-3-[(2-benzovlpropyl)thio]alanine bencisteinum C16H19NO4S hancisteine 2-(p-chlorobenzamido)acetohydroxamic acid benurestatum CallaCINaOa henurestat N-benzyl-2-nitroimidazole-1-acetamide benznidazolum C12H12N4O3 benznidazole 4.4'-(2-pyridylmethylene)diphenol diacetate bisacodylum CaaHìaNÓ4 bisacodyl 4-(p-bromophenyl)-a-methyl-2-thiazoleacetic acid brofezijum C12H10BrNO2S brofezil 6-bromo-1.4-dihydro-4.4-dimethyl-2H-3.1-benzoxazin-2-one brofoxinum C10H10BrNO2 brofovine 4'-bromo-3-tert-butyl-a',a',a'-trifluoro-5-nitro-2,6-cresoto-o-toluidide bromoxanidum C19H18BrF3N2O4 bromoxanide 3.4'-dibromo-5-chlorothiosalicylanilide acetate (ester) brotianidum brotianide C15H10Br2CINO2S 2'.4'-dibromo-a-(cyclohexylmethylamino)-o-vanillotoluidide acetate (ester) brovanexinum C24H28B12N2O4 brovanexine 5-bromo-2'-deoxyuridine broxuridinum CaH11BrN2Os broxuridine 1-(tert-butylamino)-3-[a-[(tetrahydrofurfuryl)oxy]phenoxy]-2-propanol bufetolalum. C18H29NO4 bufetolol a-[(tert-butylamino)methyl]-7-ethyl-2-benzofuranmethanol bufuralolum C16H23NO2 bufuraloi 5-butyl-2-pyridinecarboxamide bupicomidum C10H14N2O bupicomide 8-[4-[4-(2-pyrimidinyl)-1-piperazinyl]butyl]-8-azaspiro[4.5]decanebuspironum 7.9-dione buspirone C21 H31 N6O2 3a-tert-butyl-2.3.4.4a8.8.9.13ba.14-octahydro-1H-benzo [6,7]cyclohepta-

butaclamolum butaclamol

butonatum butonate

butorphanolum butorphanol

butropii bromidum butropium bromide

calcitoninum calcitonin C8H14Cl3O5P

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

[1,2,3-de] pyrido [2,1-a] isoquinolin-3-ol

C21H29NO2

C25H31NO

8-(p-butoxybenzyl)-3a-hydroxy-1aH,5aH-tropanium bromide (—)-tropate C2aH3aBrNO4

butyric acid, ester with dimethyl (2,2,2-trichloro-1-hydroxyethyl) phosphonate

a polypeptide hormone of ultimobranchial origin, extractable from the thyroid gland of mammalian species or the ultimobranchial gland of non-mammals, that lowers the calcium concentration in plasma of mammals; or the same substance obtained by synthesis. The source of the product should be indicated.

camazepamum camazepam	7-chloro-1,3-dihydro-3-hydroxy-1-methyl-5-phenyl-2 <i>H</i> -1,4-benzodiazepin-2-one dimethylcarbamate (ester) C1eH1aClN3O3
carmantadinum carmantadine	1-(1-adamantyl)-2-azetidinecarboxylic acid C14H21NO2
carmetizidum carmetizide	methyl 6-chloro-3,4-dihydro-2-methyl-7-sulfamoyl-2 <i>H</i> -1,2,4-benzothiadiazine-3-carboxylate 1,1-dioxide C ₁₀ H ₁₂ ClN ₃ O ₆ S ₂
cefamandolum cefamandole	7-D-mandelamido-3-[[(1-methyl-1 <i>H</i> -tetrazol-5-yl)thio]methyl]-8-oxo- 5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid C1aH1aN6O5S2
ciclobendazolum ciclobendazole	methyl 5-(cyclopropylcarbonyl)-2-benzimidazolecarbamate C ₁₃ H ₁₃ N ₃ O ₃
ciheptolanum ciheptolane	10,11-dihydro- <i>N,N</i> -dimethylspiro [5 <i>H</i> -dibenzo [<i>a,d</i> ']cycloheptene- 5,2'- [1,3]dioxolane]-4'-methylamine C ₂₀ H ₂₃ NO ₂
cinoctramidum cinoctramide	octahydro-1-(3,4,5-trimethoxycinnamoyl) azocine C19H27NO4
cinpropazidum cinpropazide	N-isopropyl-4- (3,4,5-trimethoxycinnamoyl) -1-piperazineacetamide C₂₁ H₃₁ N₃O₅
clocoumarolum clocoumarol	$3-[p-(2-chloroethyl)-\alpha-propylbenzyl]-4-hydroxycoumarın C21 H21 ClO3$
clofeverinum clofeverine	1-[$(p$ -chlorophenoxy)methyl]-1,2,3,4-tetrahydro-6,7-isoquinolinediol C16H16ClNO3
clopiracum clopirac	1-(p-chlorophenyl)-2,5-dimethylpyrrole-3-acetic acid C14H14ClNO2
cloprednolum cloprednol	6-chloro-11β,17,21-trihydroxypregna-1,4,6,-triene-3,20-dione C ₂₁ H ₂₅ ClO ₅
cloroqualonum cloroqualone	3-(2,6-dichlorophenyl)-2-ethyl-4(3H)-quinazolinone C16H12Cl2N2O
clotiazepamum clotiazepam	5-(a-chlorophenyl)-7-ethyl-1,3-dihydro-1-methyl-2 <i>H</i> -thieno[2,3-e]- 1,4-diazepin-2-one C ₁₆ H ₁₆ ClN ₂ OS
cloxiquinum cloxiquine	5-chloro-8-quinolinol C ₈ H ₆ CINO
cortisuzolum cortisuzol	11 β ,17,21-trihydroxy-6,16 α -dimethyl-2'-phenyl-2' H -pregna-2,4,6-trieno[3,2- α]pyrazol-20-one 21-(m -sulfobenzoate) C37H40N2OeS
cuprimyxinum cuprimyxin	bis(6-methoxy-1-phenazinol 5,10-dioxidato- <i>0</i> 1, <i>0</i> 10)copper C26H18CuN4O6
danltracenum danitracen	9,10-dihydro-10-(1-methyl-4-piperidylidene)-9-anthrol C20H21NO
dexamisolum dexamisole	(+)-2,3,5,6-tetrahydro-6-phenylimidazo [2,1- b] thiazole C ₁₁ H ₁₂ N ₂ S
dexnorgestrelum dexnorgestrel	D-13-ethyl-17-hydroxy-18,19-dinor-17a-pregn-4-en-20-yn-3-one C21H28O2
dextilidinum dextilidine	(\pm)-ethyl $\it trans$ -2-(dimethylamino)-1-phenyl-3-cyclohexene-1-carboxylate C ₁₇ H ₂₃ NO ₂

dicionixinum dicionixin	2-(2,3-dichloroanilino)nicotinic acid C12HBCl2N2O2
dicloralurea dicloralurea	N,N' -bis(2,2,2-trichloro-1-hydroxyethyl)urea $C_5H_6Cl_6N_2O_3$
diflorasonum diflorasone	6α ,9-difluoro-11 β ,17,21-trihydroxy-16 β -methylpregna-1,4-diene-3,20-dione C22H28F2O5
diftalonum diftalone	phthalazino [2,3- b] phthalazine-5,12(7 H ,14 H) dione C ₁₆ H ₁₂ N ₂ O ₂
diltiazemum diltiazem	(+)-5-[2-(dimethylamino)ethyl]-cis-2,3-dihydro-3-hydroxy-2-(p-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one acetate (ester) C22H26N2O4S
dimemorfanum dimemorfan	(+)-3,17-dimethylmorphinan C ₁₈ H ₂₅ N
domazolinum domazoline	2-(3,6-dimethoxy-2,4-dimethylbenzyl)-2-imidazoline C14H20N2O2
dopamantinum dopamantine	N -(3,4-dihydroxyphenethyl)-1-adamantanecarboxamide $C_{19}H_{25}NO_3$
doxenitoinum doxenitoin	5,5-diphenyl-4-imidazolidinone C15H14N2O
dropempinum dropempine	1,2,3,6-tetrahydro-1,2,2,6,6-pentamethylpyridine C1oH19N
enprazepinum enprazepine	5-[3-(dimethylamino)propyl]-5,6-dihydro-11-methylene-11 <i>H</i> -dibenz[<i>b,e</i>]azepine C ₂₀ H ₂ 4N ₂
entsufonum entsufon	2-[2-[2-[ρ -(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethoxy]-ethanesulfonic acid C2oH34O6S
enviomycinum enviomycin	tuberactinomycin N; stereoisomer of [[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
epitiostanolum apitiostanol	$2\alpha,3\alpha$ -epithio- 5α -androstan- 17β -ol C ₁₉ H ₃₀ OS
esproquinum esproquine	2-[3-(ethylsulfinyl)propyl]-1,2,3,4-tetrahydroisoquinoline C14H21NOS
estazolamum estazolam	8-chloro-6-phenyl-4 H - s -triazolo [4,3- a] [1,4] benzodiazepine C1 $_{6}H_{12}$ ClN4
etiroxatum etiroxate	a-methyl-DL-thyroxine ethyl ester C18H17I4NO4
etofibratum etofibrate	2-hydroxyethyl nicotinate 2-(p-chiorophenoxy)-2-methylpropionate (ester) C18H18CINOs
etomidolinum etomidoline	2-ethyl-3-(β-piperidino-p-phenetidino)phthalimidine C23H29N3O2

p-glycolophenetidide C10H13NO3

C16H14O3

3-(4-biphenylylcarbonyl)propionic acid

fenacetinolum

fenacetinol

fenbufenum fenbufen

Nonproprietary Name (Latin,	English)
fencibutirolum fencibutirol	α-ethγl-1-hγdroxy-4-phenγlcyclohexaneacetic acid C16H22O3
fenciofenacum fenciofenac	[a-(2,4-dichlorophenoxy)phenyl]acetic acid C14H1oCl2O3
fenetradilum fenetradil	1-(isobutoxymethyl)-2-(4-methyl-1-piperazinyl)ethyl 2-phenylbutyrate C22H36N2O3
fenpipalonum fenpipalone	5-[2-(3,6-d]hydro-4-phenyl-1(2H)-pyridyl)ethyl]-3-methyl-2-oxazolidinone C17H22N2O2
fenquizonum fenquizone	7-chloro-1,2,3,4-tetrahydro-4-oxo-2-phenyl-6-quinazolinesulfonamide C14H12ClN3O3S
feprazonum feprazone	4-(3-methyl-2-butenyl)-1,2-diphenyl-3,5-pyrazolidinedione C2oH2oN2O2
fibracillinum fibracillin	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 C26H28ClN3O6S
fietazepamum fletazepam	7-chloro-5-(o-fluorophenyl)-2,3-dihydro-1-(2,2,2-trifluoroethyl)- 1 <i>H-</i> 1,4-benzodiazepine C17H13ClF4N2
flucetorexum flucetorex	α -[[α -methyl- m -(trifluoromethyl)phenethyl]carbamoyl]- p -acetanisidide C20H21F3N2O3
fluciprazinum fluciprazine	α -[[(1-ethynylcyclohexyl)oxy]methyl]-4-(p -fluorophenyl)-1-piperazineethanol C21H29FN2O2
flunaminum flunamine	2-[bis(p -fluorophenyl)methoxy]ethylamine C1sH15F2NO
flunixinum flunixin	2-(a³,a³,a³-trifluoro-2,3-xylidino) nicotinic acid C14H11F3N2O2
fluocortinum fluocortin	6α-fluoro-11β-hydroxy-16α-methyl-3,20-dioxopregna-1,4-dien-21-oic acid C22H27FO5
flutonidinum flutonidine	2-(5-fluoro-o-toluidino)-2-ımidazoline CıoHı₂FN₃
formebolonum formebolone	11 α,17β-dihydroxy-17-methyl-3-oxoandrosta-1,4-diene- 2-carboxaldehyde C21 H2eO4
furbucillinum furbucillin	6- $[(R)$ -2-hydroxy-4-methylvaleramido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 2-furoate (ester) C19H24N2O7S
furobufenum furobufen	γ-oxo-2-dibenzofuranbutyric acid C16H12O4
glibutiminum glibutimine	N-[p-[[3-(3-cyclohexen-1-yl)-2-imino-1-imidazolidinyl]-sulfonyl]phenethyl]butyramide C21 H30N4O3S
guanoxabenzum guanoxabenz	$1-[(2,6-dichlorobenzylidene)amino]-3-hydroxyguanidine C_BH_0Cl_2N_4O$
halocortolonum halocortolone	9-chloro-6a,11 β -difluoro-21-hydroxy-16a-methylpregna-1,4-diene-3,20-dione C22H27ClF2O3
halonaminum halonamine	2- $[[p-chloro-\alpha-(p-fluorophenyl]benzyl]oxy]ethylamine C1sH1sClFNO$

hexaprofenum	p-cyclohexylhydratropic acid
hexaprofen	C15H2oO2
ibuterolum	5-[2-(<i>tert</i> -butylamino)-1-hydroxyethyl]- <i>m</i> -phenylene diisobutyrate
ibuterol	C₂oH₃₁NO₅
idrocilamidum	N-(2-hydroxyethyl)cinnamamide
idrocilamide	C11H13NO2
idropranololum	1-[(5,6-dihydro-1-naphthyl)оху]-3-(isopropylamino)-2-propaлоl
idropranolol	С16Н23NO2
ındanorexum	2-(1-aminopropyl)-2-indanol
indanorex	C ₁₂ H ₁₂ NO
indocatum indocate	2-(dimethylamino)ethyl 1-benzyl-2,3-dimethylindole-5-carboxylate C22H26N2O2
lpriflavonum	7-isopropoxyisoflavone
lpriflavone	C1aH16O3
isoconazolum isoconazole	1-[2,4-dichloro- β -[(2,6-dichlorobenzyl) α xy]phenethyl]imidazole C18H14Cl4N2O
isoxicamum isoxicam	4-hydroxy-2-methyl- N -(5-methyl-3-isoxazolyl)-2 H -1,2-benzothiazine-3-carboxamide 1,1-dioxide $C_14H_13N_3O_5S$
keracyaninum keracyanin	3-[[6- O -(6-deoxy- α -L-mannopyranosyl)- β -D-glucopyranosyl]oxy]-3',4',5,7-tetrahydroxyflavylium chloride C27H31ClO15
lasalocidum lasalocid	6- $[7(R)-[5(S)-ethyl-5-(5(R)-ethyltetrahydro-5-hydroxy-6(S)-methyl-2H-pyran-2(R)-yl)tetrahydro-3(S)-methyl-2(S)-furyl}-4(S)-hydroxy-3(R),5(S)-dimethyl-6-oxononyl]-2,3-cresotic acid C34H54O8$
lefetaminum	(-)-N,N-dimethyl-1,2-diphenylethylamine
lefetamine	C16H19N
lifibratum lifibrate	1-methyl-4-piperidyl glyoxylate 2-[bis(p-chlorophenyl) acetal] C20H21Cl2NO4
magnesii clofibras	bis [2-(p-chlorophenoxy)-2-methylpropionato]magnesium
magnesium clofibrate	C2oH2oCl2MgO6
mecinaronum	1-[6-[2-(dimethylamino)ethoxy]-4,7-dimethoxy-5-benzofuranyl]-3-(p-methoxyphenyl)-2-propen-1-one
mecinarone	C24H27NO6
meptazinolum	m-(3-ethylhexahydro-1-methyl-1 <i>H</i> -azepın-3-yl)phenoł
meptazinol	C15H23NO
metanixinum	2-(2,6-xylidino)nicotinic acid
metanixin	C14H14N2O2
metiamidum	1-methyl-3-[2-[[(5-methylimidazol-4-yl)methyl]thio]ethyl]-2-thiourea
metiamide	C9H16N4S2
metoprolalum metoprolal	(\pm)-1-(isopropylamino)-3-[p -(2-methoxyethyl)phenoxy]-2-propanol C1sH2sNO3
midecamycinum midecamycin	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- a -L- $ribo$ -hexopyranosyl)-3-(dimethylamino)- β -D-glucopyranoside 4',4"-dipropionate (ester) C41H67NO15

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mirincamycinum mirincamycin	methyl 7-chloro-6,7,8-trideoxy-6-(cis-4-pentyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo-a-D-galacto-octopyranoside mixture with methyl 7-chloro-6,7,8-trideoxy-6-(trans-4-pentyl-L-2-pyrrolidinecarboxamido)-1-thio-L-threo-a-D-galacto-octopyranoside C19H35CIN2O5S
motrazepamum motrazepam	1,3-dihydro-1-(methoxymethyl)-7-nitro-5-phenyl-2 <i>H</i> -1,4-benzo- diezepin-2-one C17H15N3O4
naftoxatum naftoxate	2-benzoxazolyl N-methyldithio-1-naphthalenecarbamate C19H14N2OS2
nicofibratum nicofibrate	3-pyridylmethyl 2-(p-chlorophenoxy)-2-methylpropionate C16H16CINO3
olaquindoxum olaquindox	N-(2-hydroxyethyl)-3-methyl-2-quinoxalinecarboxamide 1,4-dioxide C12H13N3O4
omidolinum omidoline	2-methyl-3- $(\beta$ -piperidino- ρ -phenetidino)phthalimidine C22H27N3O2
ontianilum ontianil	4'-chloro-2,6-dioxocyclohexanecarbothioanilide C13H12CINO2S
oxantelum oxantel	(E)- m -[2-(1,4,5,6-tetrahydro-1-methyl-2-pyrimidinyl)vinyl]phenol C13H16N2O
oxaprozinum oxaprozin	4,5-diphenyl-2-oxazolepropionic acid C ₁₈ H ₁₅ NO ₃
oxibendazolum oxibendazole	methyl 5-propoxy-2-benzimidazolecarbamate C12H15N3O3
oxilorphanum oxilorphan	(–)-17-(cyclopropylmethyl)morphinan-3,14-diol C₂oN₂₂NO₂
oxiperomidum oxiperomide	1-[1-(2-phenoxyethyl)-4-piperidyl]-2-benzimidazolinone CzoHz3N3O2
pazoxidum pazoxide	6,7-dichloro-3-(3-cyclopenten-1-yl)-2 <i>H</i> -1,2,4-benzothiadiazine 1,1-dioxide C12H10Cl2N2O2S
pegoteratum pegoterate	condensation polymer between terephthalic acid and ethylene glycol as microcrystals of colloidal dimensions; poly(oxyethyleneoxyterephthaloyl) (C10HsO4) _a where n = 20 to 100. Average molecular weight: 5000, with a molecular weight range from 3000 to 7000
piprofurolum piprofurol	a-(p-hydroxyphenethyl)-4,7-dimethoxy-6-(2-piperidinoethoxy)- 5-benzofuranmethanol C26H33NO6
pirazofurinum pirazofurin	4-hydroxy-5-β-D-ribofuranosyl-1 <i>H</i> -pyrazole-3-carboxamide C∎H13N3Os
pirbuterolum pirbuterol	a^{e} -[(tert-butylamino)methyl]-3-hydroxy-2,6-pyridinedimethanol C12H2oN2O3
pirenzepinum pirenzepine	5,11-dihydro-11-[(4-methyl-1-piperazinyl)acetyl]-6 <i>H</i> -pyrido[2,3- <i>b</i>]-[1,4]benzodiazepin-6-one C1sH21N5O2
policapramum policapram	poly(iminocarbonylpentamethylene); approximate molecular weight = 5668 C300HsszNscOs1 (approximate)

prazocillinum prazocillin	6-[1-(2,6-dichlorophenyl)-4-methylpyrazole-5-carboxamido]-3,3- dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acıd C19H1eCl2N4O4S
prednimustinum prednimustine	11 8,17,21-trihydroxypregna-1,4-diene-3,20-dione 21-[4-[p-[bis- (2-chloroethyl)amino]phenyl]butyrate] C35H45Cl2NO6
proflazepamum proflazepam	7-chloro-1-(2,3-dihydroxypropyl)-5-(<i>o</i> -fluorophenyl) 1,3-dihydro-2 <i>H</i> -1,4-benzodiazepin-2-one C₁ _B H₁ ₆ ClFN₂O ₃
promestrienum promestriene	17β -methoxy-3-propoxyestra-1,3,5(10)-triene C ₂₂ H ₃₂ O ₂
protirelinum protirelin	5-oxo-L-prolyl-L-histidyl-L-prolinamide C16H22N6O4
quincarbatum quincarbate	ethyl 10-chloro-3-(ethoxymethyl)-2,3,6,9-tetrahydro-9-oxo- p-dioxino[2,3-g]quinoline-8-carboxylate C1zH1eCINOs
reproterolum reproterol	7-[3-[(β ,3,5-trihydroxyphenethyl)amino]propyl]theophylline C18H23NsOs
romifenonum romifenone	2'-hydroxy-3-morpholinopropiophenone C13H17NO3
salprotosidum salprotoside	ethyl 3- <i>O</i> -propyl-D-glucofuranoside 5,6-disalicylate C25H3oO1o
salverinum salverine	2-[2-(diethylamino)ethoxy]benzanilide C19H24N2O2
saralasinum saralasin	$N-[1-[N-[N-[N-[N-[N^2-(N-methylglycyl)-L-arginyl]-L-valyl]-L-tyrosyl]-L-valyl]-L-histidyl]-L-prolyl]-L-alanine C42H65N13O10$
secnidazolum secnidazole	α ,2-dimethyl-5-nitroimidazole-1-ethanol C7H11N3O3
seractidum seractide	25-L-aspartic acid-26-L-alanine-27-glycine-30-L-glutamine-31-L-serine- a1-39-corticotropin (pig) or H-L-Ser-L-Tyr-L-Ser-L-Met-L-Glu-L-His-L- Phe-L-Arg-L-Trp-Gly-L-Lys-L-Pro-L-Val-Gly-L-Lys-L-Lys-L-Arg-L-Arg-L- Pro-L-Val-L-Lys-L-Val-L-Tyr-L-Pro-L-Asp-L-Ala-Gly-L-Glu-L-Asp-L-Gln-L Ser-L-Ala-L-Glu-L-Ala-L-Phe-L-Pro-L-Leu-L-Glu-L-Phe-OH C207H308Ns6Os8S
serrapeptasum serrapeptase	a proteolytic enzyme derived from Serratia sp.E15
siccaninum siccanin	(13aS)-1,2,3,4,4a β ,5,6,6a,11b β ,13b β -decahydro-4,4,6a β ,9-tetramethyl-13 H -benzo[a]furo[2,3,4- mn] xanthen-11-ol C22H3oO3
subendazolum subendazole	4,5,7-trichloro-2-[[3-(methylthio)-1,2,4-thiadiazol-5-yl]-thio]benzimidazo C10HsCl3N4S3
sulfacecolum sulfacecole	2-ethoxy-4'-[(5-methyl-3-isoxazolyl)sulfamoyl]acetanilide $C_{14}H_{17}N_3O_5S$
sulfametrolum sulfametrole	N^1 -(4-methoxy-1,2,5-thiadiazol-3-yl)sulfanilamide $C_9H_{10}N_4O_3S_2$
sulfonterolum sulfonterol	a-[(<i>tert</i> -butylamino)methyl]-4-hydroxy-3-[(methylsulfonyl)methyl]benzyl alcohol C14H23NO4S
suloctidilum suloctidil	p-(isopropylthio)- a -[1-(octylamino)ethyl]benzyl alcohol C20H35NOS

xenbucinum

xenbucin

N-12-(diethylamino)ethyl]-S.S-diphenylsulfoximide sulovifenum suloxifen talampicIllinum D-(-)-6-(2-amino-2-phenylacetamido)-3.3-dimethyl-7-oxo-4-thiatalampicillin 1-azabicyclo[3,2,0]heptane-2-carboxylic acid ester with 3-hydroxyphthalide C24H23N3O6S O.O'-(thiodi-p-phenylene) O.O.O'.O'-tetramethyl bis-. temefosum (phosphorothipate) temefos C16H20O6P2S3 terbuficinum bis (3,5-di-tert-butyl-4-hydroxyphenyl) acetic acid terbuficin C30H44O4 tianetacum 5-chloro-3-methylbenzo[b]thiophene-2-acetic acid C11H9ClO2S tianafac tiazurilum 2-[4-[(p-chlorophenyl)thio]-3.5-xvlv[]-as-triazine-3.5(2H4H)-dione tiazuril C17H14CIN3O2S tibenzatum S-benzyl thiobenzoate tibenzate C14H12OS tinclomarolum 3-[5-chloro-α-(p-chloro-β-hydroxyphenethyl)-2-thenyl]tioclomarol 4-hydroxycoumarin C22H16Cl2O4S tioproninum N-(2-mercaptopropionyl)glycine tiopronin CaHaNOaS to!oxatonum 5-(hydroxymethyl)-3-m-tolyl-2-oxazolidinone toloxatone C11H13NO3 tramadolum (+)-trans-2-[(dimethylamino)methyl]-1-(m-methoxyphenyl)cyclohexanol tramadol C16H25NO2 triazolamum 8-chloro-6-(o-chlorophenyl)-1-methyl-4H-s-triazolo[4.3-a]triazolam [1.4] benzodiazepine C17H12Cl2N4 triclopidum 9,11 \(\beta \),21-trichloro-6\(\alpha \)-fluoro-16\(\alpha \),17-dihydroxypregna-1,4-diene-3,20-dione triclonide cyclic acetal with acetone C24H28Cl3FO4 trimazosinum 2-hydroxy-2-methylpropyl 4-(4-aming-6.7.8-trimethoxy-2trimazosin quinazolinyl)-1-piperazinecarboxylate C20H29N5O6 trixolanum 4-[[2-methyl-2-(3,4,5-trimethoxyphenyl)-1,3-dioxolan-4-yl]methyl]trixotane morpholine C18H27NOs uldazepamum 2-[(allyloxy)amino]-7-chloro-5-(o-chlorophenyl)-3H-1,4-benzodiazepine uldazepam C18H15Cl2N3O viloxazinum 2-[(a-ethoxyphenoxy)methyl]morpholine viloxazine C13H19NO3 warfarinum 3-(a-acetonylbenzyl)-4-hydroxycoumarin wartarin C19H16O4 xantifibratum 7-[2-hydroxy-3-[(2-hydroxyethyl)methylamino]propyl]theophylline xantifibrate compound with 2-(p-chlorophenoxy)-2-methylpropionic acid (1:1) C13H21N6O4 · C10H11ClO3 or C23H32ClN5O7

a-ethyl-4-biphenylacetic acid

C16H16O2

AMENDMENTS TO PREVIOUS LISTS

Vol. 16, No. 3

Recommended International Nonproprietary Names (Rec. INN): List 4

p 108 paromomycinum

replace the present definition by the following: 0-2,6-diamino-2,6-dideoxy- β -L-idopyranosyl- $(1\rightarrow 3)$ -0- β -D-ribofuranosyl- $(1\rightarrow 5)$ -0-[2-amino-2-deoxy- α -D-glucopyranosyl- $(1\rightarrow 4)$]-2-deoxystreptamine

C23H45N5O14

Vol. 19, No. 4

Recommended International Nonproprietary Names (Rec. INN): List 5

p. 168 butopiprinum butopiprine replace chemical name by the following : 2-butoxyethyl α-phenyl-1-piperidineacetate

Vol. 27, No. 10

Recommended International Nonproprietary Names (Rec. INN): List 13

p. 453 acidum cicloxilicum cicloxilic acid

replace chemical name by the following:

cis-2-hydroxy-2-phenylcyclohexanecarboxylic acid

p. 457 ipratropii bromidum ipratropium bromide

replace chemical name by the following:

(8r)-3α-hydroxy-8-isopropyl-1αH,5αH-tropanium bromide (±)-tropate

p. 459 timololum timolol replace molecular formula by the following:

C13H24N4O3S