Supplement to WHO Chronicle, 1984, Vol. 38, No. 6 (March)

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

The inclusion of a name in the

lists recommended tional nonproprietary names does not implvanyrecommendation for the use of the substance in medicine or pharmacy.

Recommended International Nonproprietary Names (Rec. INN): List 24

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

acidum acetohydroxamicum acetohydroxamic acid

acidum gadopenteticum

gadopentetic acid

acidum octanoicum octanoic acid

acifranum acifran

acrivastinum acrivastine

ademetioninum ademetionine

aganodinum aganodine

alaceprilum alacepril

alifedrinum alifedrine

...ylthiourea allylthiourea

altanserinum altanserin

ambicromilum ambicromil

1 Off. Rev. Wild Hills Org , 1955, 60, 3 (Resolution EB15.R7); 1969, 1973, 10 (Resolution EB43 R9).

2 Other lists of recommended international nonpropiletary names can be found in Chrom. Wid Hith Org., 1955. acetohydroxamic acid

C₂H₅NO₂

dihydrogen [N,N-bis[2-[bis(carboxymethyl)amino]ethyl]glycinato(5-)]gadolinate(2-)

C14H20GdN3O10

octanoic acid C_HH₁₈O₂

(±)-4,5-dihydro-5-methyl-4-oxo-5-phenyl-2-furoic acid

C₁₂H₁₀O₄

(E)-6-[(E)-3-(1-pyrrolidinyl)-1-p-tolylpropenyl]-2-pyridineacrylic acid C22H24N2O2

(S)-5'-[(3-amino-3-carboxypropyl)methylsulfonio]-5'-deoxyadenosine hydroxide, inner salt

C15H22N6O5S

(4,7-dichloro-2-isoindoliny!)guanidine

C₀H_{1n}Cl₂N₄

N-[1-[(S)-3-mercapto-2-methylpropionyl]-L-prolyl]-3-phenyl-L-alanine acetate

(ester) $C_{20}H_{25}N_{2}O_{5}S$

1-cyclohexyl-3-[[$(\alpha S, \beta R) - \beta$ -hydroxy-a-methylphenethyl]amino]-1-propanone

C₁₈H₂₇NO₂

1-allyl-2-thiourea C₄H_∎N₂S

3-[2-[4-(p-fluorobenzoyl)piperidino]ethyl]-2-thio-2,4(1H,3H)-quinazolinedione

C22H22FN3O2S

4,6-dioxo-10-propyl-4H,6H-benzo[1,2-b:5,4-b']dipyran-2,8-dicarboxylic acid C17H12Ox

9, 184. WHO Chronicle, 1959, 13, 106, 462, 1962, 16, 101; 1965, 19, 165, 206. 249: 1966, 20, 221, 1967, 21, 548, 1968, 22, 463, 1969, 23, 490, 1970, 24, 126; 1971, 25, 476; 1972, 26, 476; 1973, 27, 453 Supplements to WHO Chronich,

1974. Vol. 28. No. 10; 1975. Vol. 29, No. 10, 1976, Vol. 30, No. 10, 1977, Vol. 31, No. 10, 1978, Vol. 32, No. 10, 1979, Vol. 33, No. 10, 10, 1980, Vol. 34, No. 10, Vol. 35. No 5, Vol. 36, No 6. Vo., 37, No. 6

4-amino-3-(a,a,a-trifluoro-m-tolyl)-5-isothiazolecarboxylic acid amflutizolum C11H7F3N2O2S amflutizole 6-fluoro-1,4-dihydro-1-(methylamino)-7-(4-methyl-1-piperazinyl)-4-oxo-3amifloxacinum quinolinecarboxylic acid amifloxacin C16H16FN4O3 (\pm) -5-[1-hydroxy-2-[[2-(o-methoxyphenoxy)ethyl]amino]ethyl]-oamosulalolum toluenesulfonamide amosulalol $C_{14}H_{24}N_2O_3S$ Arg-Pro-Asp(tentative)-Phe-HCys-Leu-Glu(tentative)-Pro-Pro-Tyr-Thr-Gly-Proaprotininum HCys-Lys-Ala-Arg-Ileu-Ileu-Arg-Tyr-Phe-Tyr-AspN-Ala-Lys-Ala-Gly-Leu-HCysaprotinin GluN-Thr-Phe-Val-Tyr-Gly-Gly-HCys-Arg-Ala-Lys-Arg-AspN-AspN-Phe-Lys-Ser-Ala-Glu-AspN-HCys-Met-Arg-Thr-HCys-Gly-Gly-Ala C₂₈₄H₄₄₀N₈₆O₇₇S₇ (tentative) (\pm) -1,3,4,14b-tetrahydro-2-methyl-2H,10H-pyrazino[1,2-a]pyrroloaptazapinum [2,1-c][1,4]benzodiazepine aptazapine C₁₅H₁₉N₃ (2S,5R,6R)-6-[(2R)-2-[(2R)-2-amino-3-(methylcarbamoyl)propionamido]-2aspoxicillinum (p-hydroxyphenyl)acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]aspoxicillin heptane-2-carboxylic acid C2, H27N5O7S benaxibinum p-(b-xylosylamino)benzoic acid benaxibine C, H, NO bencianolum (2R,3S)-3',4'-[(diphenylmethylene)dioxy]-3,5,7-flavantriol C, H, O. bencianol binedalinum 1-[[2-(dimethylamino)ethyl]methylamino]-3-phenylindole binedaline C₁H₂₃N₃ (5-benzyl-3-furyl)methyl (+)-trans-2,2-dimethyl-3-(2-methylpropenyl)bioresmethrinum bioresmethrin cyclopropanecarboxylate C22H26O3 (\pm) -4'-fluoro-4-(3,4,6,7,12,12a-hexahydropyrazino[1',2':1,6]pyrido[3,4-b]indolbiriperonum 2(1H)-vI)butyrophenone biriperone C24H24FN3O [[7-bromo-3-(a-fluorophenyl)-1,2-benzisoxazol-6-yl]oxy]acetic acid brocrinatum C,,H,BrFNO, brocrinat bromerguridum 3-(2-bromo-9,10-didehydro-6-methylergolin-8α-yl)-1,1-diethylurea bromerguride C20H25BrN4O (\pm) -3-bromo- α -[(tert-butylamino)methyl]-5-isoxazolemethanol broxaterolum broxaterol C,H,BrN,O, 9-(butylamino)-1,2,3,4-tetrahydroacridine bucricainum bucricaine C17H22N2 bunazosinum 1-(4-amino-6.7-dimethoxy-2-quinazolinyl)-4-butyrylhexahydro-1H-1,4diazepine bunazosin C14H27N5O3 buparvaquonum 2-[(4-tert-butylcyclohexyl)methyl]-3-hydroxy-1,4-naphthoquinone buparvaquone C21H26O3 butanserinum 3-[4-[4-(p-fluorobenzoyl)piperidino]butyl]-2,4(1H,3H)quinazolinedione

C24H26FN3O3

C,,H,,FN,O,

phenylisonipecotic acid

(+)-trans-1-[cis-4-cyano-4-(p-fluorophenyl)cyclohexyl]-3-methyl-4-

butanserin cabastinum

cabastine

<u> </u>	
carumonamum carumonam	(Z)-[[[(2-amino-4-thiazolyl)[[(2S,3S)-2-(hydroxymethyl)-4-oxo-1-sulfo-3-azetidinyl]carbamoyl]methylene]amino]oxy]acetic acid, carbamate (ester) $C_{12}H_{14}N_6O_{10}S_2$
cefpimizotum cefpimizote	1-[[(6R,7R)-2-carboxy-7-[(R)-2-(5-carboxyimidazole-4-carboxyamido)-2-phenylacetamido]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-4-(2-sulfoethyl)pyridinium hydroxide, inner salt $C_{2e}H_{2e}N_{E}O_{10}S_{2}$
cefpiromum cefpirome	1-[[(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]-6,7-dihydro-5 H -1-pyrindinium hydroxide, inner salt, 7^2 -(Z)-(O -methyloxime) $C_{2z}H_{2z}N_EO_sS_2$
cetirizinum cetirizine	(\pm)-[2-[4-(ρ -chloro- α -phenylbenzyl)-1-piperazinyl]ethoxy]acetic acid $C_{2\tau}H_{2s}ClN_{z}O_{3}$
ciclosporinum ciclosporin	cyclosporin A or cyclo[[(E)-(2 S ,3 R ,4 R)-3-hydroxy-4-methyl-2-(methylamino)-6-octenoyl]- ι -2-aminobutyryl- N -methylglycyl- N -methyl- ι -leucyl- ι -valyl- N -methyl- ι -leucyl- ι -alanyl- ι -alanyl- N -methyl- ι -leucyl- N -methyl- ι -leucyl- N -methyl- ι -valyl] $C_{\mathfrak{p}_2}H_{\mathfrak{q}_1\mathfrak{q}_1}O_{\mathfrak{q}_2}$
ciclotropii bromidum ciclotropium bromide	(8r)-3α-hydroxy-8-isopropyl-1αн,5αн-tropanium bromide, α-phenylcyclopentaneacetate C ₂₄ H _{3ε} BrNO ₂
cifostodinum cifostodine	cytidine cyclic 2′,3′-(hydrogen phosphate) C ₉ H ₁₂ N ₃ O ₇ P
ciglitazonum ciglitazone	(\pm)-5-[p-[(1-methylcyclohexyl)methoxy]benzyl]-2,4-thiazolidinedione $C_{10}H_{20}NO_{3}S$
cilastatinum cilastatin	(Z)-7-[[(R)-2-amino-2-carboxyethyl]thio]-2-[(S)-2,2-dimethylcyclopropanecarboxamido]-2-heptenoic acid $C_{16}H_{26}N_{2}O_{6}S$
cimetropii bromidum cimetropium bromide	8-(cyclopropylmethyl)-6 β ,7 β -ероху-3 a -hydroху-1 a н,5 a н-tropanium bromide, (—)-(S)-tropate $C_{z_1}H_{z_2}$ BrNO $_4$
cinepaxadifum cinepaxadil	$\alpha\text{-}[[(8\text{-acetyl-1,4-benzodioxan-5-yl})\text{oxy}]\text{methyl}]\text{-}4\text{-}(3,4,5\text{-trimethoxycinnamoyl})\text{-}1\text{-piperazineethanol}\\ C_{z\bullet}H_{3\bullet}N_{2}O_{\bullet}$
ciprazafonum ciprazafone	4'-chloro-2'-(o-chorobenzoyl)-2-(cyclopropylamino)-N-methylacetanilide $C_{19}H_{18}Cl_2N_2O_2$
ciprofloxacinum profloxacin	1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecar- boxylic acid C ₁₇ H _{1e} FN ₃ O ₃
climazolamum climazolam	8-chloro-6-(o-chlorophenyl)-1-methyl-4H-ımıdazo[1,5-a][1,4]benzodiazepine $C_{1a}H_{1a}Cl_2N_3$
colforsin colforsin	$(3R,4aR,5S,6S.6aS,10S,10aR$ 10bS)-dodecahydro-5,6,10,10b-tetrahydroxy-3,4a 7,7,10a-pentamethyi-3-vinyl-1 <i>H</i> -naphtho[2,1- <i>b</i>]pyran-1-one, 5-acetate $C_{zz}H_{3x}O_{7}$
colistimethatum natricum colistimethate sodium	an antibiotic obtained from collistin sulfate by sulfomethylation with formaldehyde and sodium bisulfite
darodipinum darodipine	diethyl 4-(4-benzofurazanyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate C $_{\rm 19}\rm H_2$, $\rm N_3O_5$

dazmegrelum 3-(imidazol-1-ylmethyl)-2-methylindole-1-propionic acid dazmegrel C1.H17N3O2 4-amino-5-chloro-N-(1,2-diethyl-4-pyrazolidinyl)-o-anisamide dazopridum C₁₅H₂₅CIN₄O₂ dazopride deloxolonum 3β -hydroxyolean-9(11)-en-30-oic acid, hydrogen succinate deloxolone C34H52O6 denopaminum (-)-(R)-a-[[(3,4-dimethoxyphenethyl)amino]methyl]-p-hydroxybenzyl alcohol denopamine C18H23NO4 6-amino-1,5-dihydro-4H-imidazo[4,5-c]pyridin-4-one dezaguaninum dezaguanine C₄H₄N₄O 9,10-dihydro-4,5-dihydroxy-9,10-dioxo-2-anthroic acid, diacetate diacereinum diacerein C1.H12O. dibrospidii chloridum 3,12-bis(3-bromopropionyl)-3,12-diaza-6,9-diazoniadispiro[5.2.5.2]hexadecane dibrospidium chloride dichloride C₁H₃Br₂Cl₂N₄O₂ 1-(3,4-diethoxybenzyl)-3,4-dihydro-6,7-diisopropoxyisoquinoline diproteverinum diproteverine C₂H₃₅NO₄ dopexaminum 4-[2-[[6-(phenethylamino)hexyl]amino]ethyl]pyrocatechol dopexamine $C_{22}H_{32}N_2O_2$ dotarizinum 1-(diphenylmethyl)-4-[3-(2-phenyl-1,3-dioxolan-2-yl)propyl]piperazine dotarizine C24H34N2O2 (6aR, 10aR)-6a, 7, 8, 10a-tetrahydro-6, 6, 9-trimethyl-3-pentyl-6Hdronabinolum dronabinol dibenzo[b,d]pyran-1-ol C21H30O2 ebselenum 2-phenyl-1,2-benzisoselenazolin-3-one ebselen C₁₃H₂NOSe eldexomerum product of etherification of hydrolysed starch with epichlorhydrin in the eldexomer presence of excess alkali enalaprilatum 1-[N-[(S)-1-carboxy-3-phenylpropyl]-L-alanyl]-L-proline enalaprilat $C_{10}H_{24}N_2O_5$ enisoprostum (\pm) -methyl (Z)-7-[(1R,2R,3R)-3-hydroxy-2-[(E)-(4RS)-4-hydroxy-4-methylenisoprost 1-octenyl]-5-oxocyclopentyl]-4-heptenoate C₂₂H₃₆O₅ methyl-7-[(1R*,2R*,3R*)-3-hydroxy-2-[(E)-(3R*)-3-hydroxy-4-phenoxy-1enprostilum enprostil butenyl]-5-oxocyclopentyl]-4,5-heptadienoate C23H28O6 epostanum 4α ,5-epoxy-3,17 β -dihydroxy-4,17-dimethyl-5 α -androst-2-ene-2-carbonitrile epostane C₂₂H₃₁NO₃ ericoloium (\pm) -3-[2-[3-(tert-butylamino)-2-hydroxypropoxy]-4-chlorophenyl]-2ericoloi cyclopenten-1-one C, H, CINO, erocainidum (E)-2-(p-chlorobenzylidene)cyclohexanone (E)-Oerocainide [3-(disopropylamino)propyl]oxime C,,H,,CIN,O

salicylic acid acetate, ester with β -hydroxy- ρ -acetophenetidide or

2-(p-acetamidophenoxy)ethyl salicylate, acetate (ester)

C, H, NO

etersalatum

etersalate

(\pm) - m -[(ethylamino)-1-hydroxyethyl]phenyl pivalate σ r (\pm) - α -[(ethylamino)methyl]- m -hydroxybenzyl alcohol 3-pivalate $C_{1s}H_{2s}NO_3$
(a/l-E)-9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatetraenoic acid $C_{\rm 21}H_{\rm 26}O_{\rm 3}$
6-chloro-2,3,4,5-tetrahydro-1-(p -hydroxyphenyl)-1 H -3-benzazepine-7,8-diol C _{1e} H_{1s} ClNO ₃
all -trans-4'-hydroxyretinanilide $C_{2e}H_{33}NO_2$
(\pm) - $lpha$ -[[(2-hydroxy-1,1-dimethylethyl)amino]methyl]benzyl alcohol C $_{12}$ H $_{19}$ NO $_2$
2-(1-pyrrolidinyl)ethyl N-[7-(trıfluoromethyl)-4-quinolyl]anthranilate $C_{23}H_{22}F_3N_3O_2$
7-[3-[4-(p -fluorobenzoyl)piperidino]propyl]theophylline $C_{zz}H_{ze}FN_{s}O_{3}$
(8S)-8-fluoroerythromycin C ₃₇ H _{ee} FNO ₁₃
(S)-1-[p -[2-[(p -fluorophenethyl)oxy]ethoxy]phenoxy]-3-(isopropylamino)-2-propanol $C_{zz}H_{zo}FNO_4$
(8r)-8-(2-fluoroethyl)-3a-hydroxy-1ax,5ax-tropanium bromide, benzilate $C_{24}H_{29}BrFNO_3$
N-methyl-3-[(a , a , a -trıfluoro- m -tolył)oxy}-1-azetidinecarboxamıde $C_{12}H_{13}F_3N_2O_2$
(1-methyl-4-oxo-2-imidazolidınylidene)phosphoramidic acid $C_4H_aN_3O_4P$
diethyl (ρ -2-benzothiazolylbenzyl)phosphonate $C_{1a}H_{2a}NO_{3}PS$
2-[4-(a , a , a -trifluoro- m -tolyl)-1-piperazinyl]ethyl (\pm)- p -isobutylhydratropate $C_{2e}H_{33}F_3N_2O_2$
(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 C ₂₁ H ₂₁ N ₃ O ₆ S
2-deoxy-2-nicotinamido- β -p-glucopyranose 1,3,4,6-tetranicotinate $C_{36}H_{28}N_6O_{10}$
(\pm)-2-(o-methoxyphenoxy)-2-methyl-1,3-benzodioxan-4-one $C_{1e}H_{14}O_{5}$
hyaluronoglucosaminidase or E.C. 3.21.35
(\pm) -8-[cis-4-cyano-4-(p-fluorophenyl)cyclohexyl]-1-(p-fluorophenyl)-4-oxo-1,3,8-triazaspiro[4.5]decane-3-acetamide $C_{28}H_3$, $F_2N_5O_2$
2-(10-hydroxydecyl)-5 6-dimethoxy-3-methyl- p -benzoquinone $C_{19}H_{30}O_{5}$

imidazoli salicylas salicyclic acid, compound with imidazole (1:1) imidazole salicylate C10H10N2O3 imipenemum (5R,6S)-3-[[2-(formimidoylamino)ethyl]thio]-6-[(R)-1-hydroxyethyl]-7-oxo-1imipenem azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid C12H17N3O4S indanidinum 4-(2-imidazolin-2-ylamino)-2-methyl-2H-indazole indanidine C₁₁H₁₃N₅ indolaprilum (2S,3aS,7aS)-1-[(S)-N-[(S)-1-carboxy-3-phenylpropyl]alanyl]hexahydro-2indolapril indolinecarboxylic acid, 1-ethyl ester C,4H,4N,O, 5,5'-[malonylbis[(2-hydroxyethyl)|mino]]bis[N,N'-bis[2-hydroxy-1-(hydroxymeiodecimolum iodecimol thyl)ethyl]-2,4,6-triiodoisophthalamide] C35H44I5N5O15 iofetaminum (123|) (\pm) -p-iodo-¹²³l-N-isopropyl-a-methylphenethylamine iofetamine (123|) C12H13 123IN iosimidum N,N,N',N',N'',N''-hexakis(2-hydroxyethyl)-2,4,6-triiodo-1,3,5iosimide benzenetricarboxamide C21H30I3N3O iotrolanum 5,5'-[malonylbis(methylimino)]bis[N,N'-bis[2,3-dihydroxy-1-(hydroxymeiotrolan thyl)propyl]-2,4,6-triiodoisophthalamide] C37 H48 I6N6O18 ipramidilum N₁N-diisopropyl-3,4-furazandicarboxamide 2-oxide ipramidil C₁₀H₁₆N₄O₄ ıproplatinum ab-dichloro-ce-dihydroxy-df-bis(isopropylamine)platinum proplatin C_EH₂₀Cl₂N₂O₂Pt itraconazolum (\pm) -1-sec-butyl-4-[p-[4-[p-[(2R*,4S*)-2-(2,4-dichlorophenyl)-2-(1H-1,2,4itraconazole triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]-1piperazinyl]phenyl]-Δ2-1,2,4-triazolin-5-one C35H38Cl2N4O4 ketorfanolum 17-(cyclopropylmethyl)-4-hydroxymorphinan-6-one ketorfanol C₂₀H₂₅NO₂ ketorolacum (\pm) -5-benzoyl-2,3-dihydro-1*H*-pyrrolizine-1-carboxylic acid ketorolac C₁₅H₁₃NO₃ ketotrexatum N-[p-[[2-(2-amino-1.4,5,6,7,8-hexahydro-5-methyl-4-oxo-6ketotrexate pteridinyl)ethyl]amino]benzoyl]-L-glutamic acid C21H27N7O8 Jaurixamınum 3-(dodecyloxy)propylamine laurixamine C₁₅H₂₃NO laurocapramum 1-dodecylhexahydro-2H-azepin-2-one laurocapram C, H₃₅NÓ lenampicillinum. 2,3-dihydroxy-2-butenyl (2S.5R,6R)-6-[(R)-2-amino-2-phenylacetamido]-3,3lenampic: Ilin dimethyl-7-oxo-4-thia-1-azabicyclo[3.2 0]heptane-2-carboxylate, cyclic carbonate C21H23N3O7S

(-)-trans-1-[cis-4-cyano-4-(p-fluorophenyl)cyclohexyl]-3-methyl-4-

phenylisonipecotic acid

C, H, FN, O,

levocabastinum

levocabastine

lisinoprilum $1-[N^2-[(S)-1-carboxy-3-phenylpropyl]-L-lysyl]-L-proline$ lisinopril C21H31N3O5

losulazinum 1-[(p-fluorophenyl)sulfonyl]-4-[p-[[7-(trifluoromethyl)-4losulazine

quinolyl]amino]benzoyl]piperazine

C27H22F4N4O3S

loxoprofenum (\pm) -p-[(2-oxocyclopentyl)methyl]hydratropic acid loxoprofen

C₁₅H₁₈O₃

lufuradomum (\pm)-N-[(8-fluoro-2,3-dihydro-1-methyl-5-phenyl-1H-1 4-benzodiazepin-2-

lufuradom yl)methyl]-3-furamide

C₂₂H₂₀FN₃O₂

lutrelinum 5-oxo-L-prolyi-L-histidyl-L-tryptophyl-L-seryl-L-tyrosyl-p-tryptophyl-N-methyl-Llutrelin

leucyl-L-arginyl-N-ethyl-L-prolinamide

C45H45N17O12

mafosfamidum (\pm) -2-[[2-[bis(2-chloroethyl)amino]tetrahydro-2H-1,3,2-oxazaphosphorin-4mafosfamide

yl]thio]ethanesulfonic acid P-cis-oxide

C.H., CI, N,O,PS,

mecetronii etilsulfas ethylhexadecyldimethylammonium ethyl sulfate mecetronium etilsulfate C, H, NO,S

meciadanolum (2R,3S)-3-methoxy-3',4',5,7-flavantetrol

meciadanol C16H16O

menogarilum (2R*,3S*,4R*,5R*,6R*,11R*,13R*)-4-(dimethylamino)-3,4,5,6,11,12,13,14-octamenogaril

hydro-3,5,8,10,13-pentahydroxy-11-methoxy-6,13-dimethyl-2,6-epoxy-2H-

naphthaceno[1,2-b]oxocin-9,16-dione

C24H31NO10

mespirenonum 15a, 16a-dihydro-17-hydroxy-7a-mercapto-3-oxo-3'H-cyclopropa[15, 16]-17amespirenone

pregna-1,4,15-triene-21-carboxylic acid, y-lactone, acetate

C25H30O4S

2-amino-1-(2,5-dimethoxyphenyl)propan-1-ol or α-(1-aminoethyl)-2,5-dimemethoxaminum methoxamine

thoxybenzyl alcohol

C₁₁H₁₇NO₃

mifentidinum N-(p-imidazol-4-ylphenyl)-N'-isopropylformamidine mifentidine

C₁₃H₁₆N₄

milrinonum 1,6-dihydro-2-methyl-6-oxo[3,4'-bipyridine]-5-carbonitrile milrinone

C12H, N3O

mioflazinum (\pm) -4-[4,4-bis(p-fluorophenyl)butyl]-3-carbamoyl-2',6'-dichloro-1-

mioflazine piperazineacetanilide

C29H30CI2F2N2O2

mioimazolum 1-isopropyl-2-imidazolidinethione

imazole C₆H₁₂N₂S

mitozolomidum 3-(2-chloroethyl)-3,4-dihydro-4-oxolmidazo[5 1-d]-as-tetrazine-8-carboxamide mitozolomide

C,H,CIN,O,

naflocortum 9-fluoro-1',4'-dihydro-11β,21-dihydroxy-2'βH-naphtho[2',3':16,17]pregna-1,4naflocort

diene-3.20-dione

C29H33FO4

nedocromitum 9-ethyl-6,9-dihydro-4,6-dioxo-10-propyl-4H-pyrano[3,2-g]qu:nol:ne-2,8nedocromil

dicarboxylic acid

C19H17NO7

nefazodonum 1-[3-[4-(m-chlorophenyl)-1-piperazinyl]propyl]-3-ethyl-4-(2-phenoxyethyl)nefazodone

 Δ^2 -1,2,4-triazolin-5-one

C₂₅H₃₂CIN₅O₃

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nıpradilolum nipradilol	8-[2-hydroxy-3-(isopropylamino)propoxy]-3-chromanol, 3-nitrate C ₁₅ H ₂₂ N ₂ O ₆
nocloprostum nocloprost	(Z)-7-[(1R,2R,3R,5R)-5-chloro-3-hydroxy-2-[(E)-(3R)-3-hydroxy-4,4-dimethyl-1-octenyl]cyclopentyl]-5-heptenoic acid $\rm C_{22}H_{37}CIO_4$
ofloxacinum ofloxacin	(\pm)-9-fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7 <i>H</i> -pyrido[1,2,3- <i>de</i>]-1,4-benzoxazıne-6-carboxylic acıd $C_{1a}H_{2o}FN_3O_4$
otimeratum natricum otimerate sodium	ethyl(hydrogen 2-mercapto-5-benzoxazolecarboxylato)mercury, sodium salt $C_{1o}H_{\bullet}HgNNaO_{\sigma}S$
oxacillinum oxacillin	$C_{19}H_{19}N_2O_5S$
picartamidum picartamide	(\pm) -tetrahydro-N-methyl-2-(2-pyridyl)thio-2-thiophenecarboxamide $C_{\tau_1}H_{\tau_4}N_2S_2$
piriprostum piriprost	$(4R,5R)$ -1,4,5,6-tetrahydro-5-hydroxy-4-[(E)-(3S)-3-hydroxy-1-octenyl]-1-phenylcyclopenta[b]pyrrole-2-valeric acid $C_{26}H_{36}NO_4$
plicamycinum plicamycin	an antibiotic substance obtained from cultures of Streptomyces tanashiensis, or the same substance produced by any other means
proterguridum proterguride	1,1-diethyl-3-(6-propylergolin-8α-yl)urea C₂₂H₃₂N₄O
quinacainolum quinacainol	(\pm) -2-tert-butyl- α -[2-(4-piperidyl)ethyl]-4-quinolinemethanol $C_{21}N_2O$
quisultazinum quisultazine	N , N -dimethyl-10-(3-quinuclidinyl)phenothiazine-2-sulfonamide C_2 , H_2 s $N_3O_2S_2$
ramifenazonum ramifenazone	4-(isopropylamino)-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one $\rm C_{14}H_{18}N_3O$
revenastum revenast	2,3-diphenyl-1-[3-{4-(2-pyridyl)-1-piperazinyl]propyl]-3-pyrazolin-5-one $C_{\rm 27}N_{\rm 28}N_{\rm 6}O$
ridazololum ridazolol	(\pm) -4-chloro-5-[[2-[[3-(o-chlorophenoxy)-2-hydroxypropyl]amino]-ethyl]amino]-3(2H)-pyridazinone $C_{15}N_4O_3$
ristianolum ristianol	2-[(4-pyridylmethyl)thio]ethanol C _e H ₁₁ NOS
ritanserinum ritanserin	6-[2-[4-[bis(p-fluorophenyl)methylene]piperidino]ethyl]-7-methyl-5H-thiazolo[3,2-a]pyrimidin-5-one $C_{zz}H_{zs}F_zN_3OS$
ronipamilum ronipamil	(±)-2-[3-(methylphenethylamino)propyl]-2-phenyltetradecanenitrile $C_{3z}N_{40}N_{2}$
ropivacainum ropivacaine	(–)-1-propyl-2′,6′-pìpecoloxylidide $C_{17}H_{26}N_2O$
setoperonum setoperone	6-[2-[4-(p -fluorobenzoyl)piperidino]ethyl]-2,3-dihydro-7-methyl-5H-thiazolo[3,2-a]pyrimidin-5-one $C_{21}H_{24}FN_3O_2S$

tolufazepam

a,a-dimethyl-1-adamantaneethylamine somantadinum C,4H,N somantadine tauromustinum 1-(2-chloroethyl)-3-[2-(dimethylsulfamoyl)ethyl]-1-nitrosourea C,H,CIN,O,S tauromustine (\pm) - α -[(6-ethoxy-2-benzothiazolyl)thio]hydratropic acid tazasubratum tazasubrate C18H17NO3S2 (\pm) -a-methyl-2-phenyl-6-benzothiazoleacetic acid tazeprofenum C₁₆H₁₃NO₂S tazeprofen 4.9-dihydro-3-methyl-4-[(4-methyl-1-piperazinyl)acetyl]-10H-thienotelenzepinum [3,4-b][1,5]benzodiazepin-10-one telenzepine C19H22N4O2S tenilsetamum (\pm) -3-(2-thienyl)-2-piperazinone C.H, N,OS tenilsetam teprenonum 6,10,14,18-tetramethyl-5,9,13,17-nonadecatetraen-2-one, mixture of (5E,9E,13E) and (5Z,9E,13E) isomers teprenone C₂₃H₃₅O 1,1-diethyl-3-(6-methylergolin-8a-yl)urea :erguridum C₂₀H₂₀N₄O terauride teriparatidum L-seryl-L-valyl-L-seryl-L-glutamyl-L-isoleucyl-L-glutaminyl-L-leucyl-L-methionylteriparatide L-histidyl-L-asparaginyl-L-leucylglycyl-L-lysyl-L-histidyl-L-leucyl-L-asparaginyl-L-seryl-L-methionyl-L-glutamyl-L-arginyl-L-valyl-L-glutamyl-L-tryptophyl-L-leucyl-L-arginyl-L-lysyl-L-lysyl-L-leucyl-L-glutaminyl-L-aspartyl-L-valyl-L-histidyl-L-asparaginylphenyl-L-alanine C, 1, H, 1, N, O, S, tetramethrinum 2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylic acid, ester with N-(hydroxymethyl)-1-cyclohexene-1,2-dicarboximide or 1-cyclohexene-1,2tetramethrin dicarboximidomethyl 2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate C.H.NO. tilactasum β -p-glactosidase or E.C. 3.2.1.23 tilactase methyl (\pm) -4-[[(3aR*,4R*,5R*,6aS*)-3,3a,4,5,6,6a-hexahydro-5-hydroxy-4-[(E)tilsuprostum (3S*)-3-hydroxy-1-octenyl]cyclopenta[b]pyrrol-2-yl]thio]butyrate tilsuprost C₂₀H₃₃NO₄S 4,9-dimethoxy-7-[(methylthio)methyl]-5H-furo[3,2-g][1]benzopyran-5-one timefuronum C15H14O5S timefurone S-methyl 9-fluoro-11β,17-dihydroxy-16β-methyl-3-oxoandrosta-1,4-diene-17βtimnbesonum. carbothioate besone C,,H,,FO,S 3,4-dihydro-6-isobutyl-5-methyl-4-oxothieno[2,3-d]pyrimidine-2-carboxylic tiprinastum acid tiprinast C12H14N2O3S tolnapersinum 5,6,7,8-tetrahydro-6-(4-o-tolyl-1-piperazinyl)-2-naphthol tolnapersine C21H26N2O tolrestatum N-[6-methoxythio-5-(trifluoromethyl)-1-naphthoyl]sarcosine tolrestat C, H, F, NO, S tolufazepamum 7-chloro-5-(o-chlorophenyl)-1,3-dihydro-1-[2-(p-tolylsulfonyl)ethyl]-2H-1,4-

benzodiazepin-2-one C₂₄H₂₀Cl₂N₂O₃S Recommended international Nonproprietary Name (Latin, English) Chemical Name or Description and Molecular Formulae

tosulurum 2-methoxyethyl (p-tolylsulfonyl)carbamate tosulur

C,H,NO,S

transcainidum (±)-trans-4-(dimethylamino)-1-(2-hydroxycyclohexyl)-2',6'-isonipecotoxylidide transcainide

C22H35N3O2

N-(1-benzyl-4-piperidyl)-6-methoxy-1H-benzotriazole-5-carboxamide trazolopridum trazalopride

 $C_{20}H_{23}N_5O_2$

triletidum N-[N-(N-acetyl-3-phenyl-L-alanyl)-3-phenyl-L-alanyl]-L-histidine, methyl ester triletide

C27H31N5O5

troxipidum (\pm) -3,4,5-trimethoxy-N-3-piperidylbenzamide troxipide

C15H22N2O4

butyl N-(a,a,a-trıfluoro-m-tolyl)anthranilate C_{1} H, $_1$ F $_3$ NO $_2$ ufenamatum

ufenamate

valdetamidum 2.2-diethyl-4-pentenamide

valdetamide C_pH₁₇NO

valproatum seminatricum

zinoconazole

valproatum pivoxilum hydroxymethyl 2-propylvalerate, pivalate valproate pivoxil

C₁₄H₂₅O₄

sodium hydrogen bis(2-propylvalerate) valproate semisodium C₁₆H₃,NaO₄

vinepidinum (4'S)-4'-deoxyleurocristine

vinepidine C44H36N4O

vintriptolum [23(S)]-4-deacetyl-3-[(1-carboxy-2-indol-3-ylethyl)carbamoyl]-3-

vintriptol de(methoxycarbonyl)vincaleukoblastine, ethyl ester

C₅ H₆ N₆O

zidapamidum 4-chloro-N-(1-methyl-2-isoindolinyl)-3-sulfamoylbenzamide

zidapamide C1.H1.CIN,O3S

zincı acetas basicum hexakis(μ -acetato)- μ 4-oxotetrazinc

zinc acetate, basic C12H18O13Zn4

zinoconazolum 5-chloro-2-thienyl imidazol-1-vlmethyl ketone.

(E)-(2,6-dichlorophenyl)hydrazone

C₁₅H₁₁Cl₃N₄S

zofenoprilum (4S)-N-[(S)-3-mercapto-2-methylpropionyl]-4-(phenylthio)-L-proline zofenopril

benzoate (ester)

C22H23NO1S2

zuclopenthixolum (Z)-4-[3-(2-chlorothioxanthen-9-ylidene)propyl]-1-piperazineethanol

zuclopenthixol C,,H,,CIN,OS

AMENDMENTS TO PREVIOUS LISTS

Vol. 21, N. 12

International Nonproprietary Names (Rec. INN): List 7

p. 542 difemerinum difemerine

replace chemical name by the following: 2-(dimethylamino)-1,1-dimethylethyl

benzilate

Supplement to Vol. 29, N. 10

International Nonproprietary Names (Rec. INN): List 15

p. 8 stilonii iodidum stilonium iodide complete chemical name with (E), e.g.: triethyl[2-[(E)-

Supplement to Vol. 35, N. 5

International Nonproprietary Names (Rec. INN): List 21

delete

insert

p. 1 acidum indacrinicum indacrinic acid

indacrinonum indacrinone

Supplement to Vol. 37, N. 6

International Nonproprietary Names (Rec. INN): List 23

p. 9 teicoplaninum teicoplanin

delete molecular formula

p. 11 corbadrinum corbadrine

the amendment in List 23 rec. is superseded and the chemical name should be replaced by: erythro-(-)-a-(1-aminoethyl)-3,4-dihydroxybenzyl alcohol