

International Nonproprietary Names for Pharmaceutical Substances

In accordance with paragraph 7 of the Procedure for the Selection of Recommended International Nonproprietary Names for Pharmaceutical Sub-

stances,¹ notice 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 23²

*Recommended International
 Nonproprietary Name (Latin, English)*

Chemical Name or Description and Molecular Formulae

acefluranolum acefluranol	4,4'-[<i>(1RS,2SR)</i> -1-ethyl-2-methylethylene]bis[6-fluoropyrocatechol] tetraacetate C ₂₅ H ₁₃ F ₂ O ₈
acetyl-leucinum acetyl-leucine	<i>N</i> -acetyl-DL-leucine C ₈ H ₁₅ NO ₃
acidum fosmenicum fosmenic acid	(3-cyclohexen-1-yl)hydroxymethyl)phosphinic acid C ₇ H ₁₃ O ₃ P
acidum palmo-xiricum palmo-xiric acid	(±)-2-tetradecylglycidic acid C ₁₇ H ₃₂ O ₃
acodazololum acodazole	<i>N</i> -methyl-4'-[<i>(7-methyl-1H-imidazo[4,5-<i>f</i>]</i> quinolin-9-yl)amino]acetanilide C ₂₀ H ₁₉ N ₅ O
adafenoxatum adafenoxate	2-[<i>(1-adamantylamino)ethyl (p-chlorophenoxy)acetate</i> C ₂₀ H ₂₅ ClNO ₃
aditoprimum aditoprime	2,4-diamino-5-[4-(dimethylamino)-3,5-dimethoxybenzyl]pyrimidine C ₁₅ H ₂₁ N ₅ O ₂
alanosinum alanosine	(-)-(S)-2-amino-3-(hydroxynitrosamino)propionic acid C ₃ H ₇ N ₃ O ₄
~fuzosinum fuzosin	(±)- <i>N</i> -[3-[(4-amino-6,7-dimethoxy-2-quinazolinyl)methylamino]propyl]tetrahydro-2-furamide C ₁₉ H ₂₇ N ₅ O ₄
alpiopridum alpiopride	(±)- <i>N</i> -[(1-allyl-2-pyrrolidinyl)methyl]-4-amino-5-(methylsulfamoyl)- <i>o</i> -anisamide C ₁₇ H ₂₆ N ₄ O ₄ S

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

² Other lists of recommended international nonproprietary names can be found in *Chron. Wld Hlth 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, Supplements to *WHO Chronicle*,

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; 1980, Vol. 34, No. 10, Vol. 35, No. 5, Vol. 36, No. 6.

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anipamilum anipamil	2-[3-[(<i>m</i> -methoxyphenethyl)methylamino]propyl]-2-(<i>m</i> -methoxyphenyl)- tetradecanenitrile $C_{34}H_{52}N_2O_2$
apovincaminum apovincamine	methyl (3 α ,16 α)-eburnamenine-14-carboxylate or methyl (13a <i>S</i> ,13b <i>S</i>)-13a- ethyl-2,3,5,6,13a,13b-hexahydro-1 <i>H</i> -indolo[3,2,1- <i>de</i>]pyrido[3,2,1- <i>ij</i>][1,5]naph- thyridine-12-carboxylate $C_{21}H_{24}N_2O_2$
arotinololum arotinolol	(\pm)-5-[2-[[3-(<i>tert</i> -butylamino)-2-hydroxypropyl]thio]-4-thiazolyl]-2-thiophene- carboxamide $C_{15}H_{21}N_3O_2S_3$
aztreonamum aztreonam	(<i>Z</i>)-2-[[[[(2-amino-4-thiazolyl)[[(2 <i>S</i> ,3 <i>S</i>)-2-methyl-4-oxo-1-sulfo-3-azetidinyl]car- bamoyl]methylene]amino]oxy]-2-methylpropionic acid $C_{13}H_{17}N_5O_5S_2$
bambuterolum bambuterol	(\pm)-5-[2-(<i>tert</i> -butylamino)-1-hydroxyethyl]- <i>m</i> -phenylene bis(dimethylcarba- mate) $C_{18}H_{29}N_3O_5$
balsalazidum balsalazide	(<i>E</i>)-5-[[<i>p</i> -[(2-carboxyethyl)carbamoyl]phenyl]azo]salicylic acid $C_{17}H_{15}N_3O_6$
bendamustinum bendamustine	5-[bis(2-chloroethyl)amino]-1-methyl-2-benzimidazolebutyric acid $C_{16}H_{21}Cl_2N_3O_2$
bifepramidum bifepamide	(\pm)- <i>N</i> -[2-(diethylamino)ethyl]- α -methyl-4-biphenylacetamide $C_{21}H_{28}N_2O$
bisoprololum bisoprolol	(\pm)-1-[[α -(2-isopropoxyethoxy)- <i>p</i> -tolyl]oxy]-3-(isopropylamino)-2-propanol $C_{18}H_{27}NO_4$
bithionoloxidum bithionoloxide	2,2'-sulfinylbis[4,6-dichlorophenol] $C_{12}H_6Cl_4O_3S$
bromadolinum bromadoline	<i>trans-p</i> -bromo- <i>N</i> -[2-(dimethylamino)cyclohexyl]benzamide $C_{15}H_{21}BrN_2O$
bucladesinum bucladesine	<i>N</i> -(9- β -D-ribofuranosyl-9 <i>H</i> -purin-6-yl) butyramide cyclic 3',5'-(hydrogen phos- phate) 2'-butyrate $C_{18}H_{24}N_5O_8P$
bucromaronum bucromarone	2-[4-[3-(diethylamino)propoxy]-3,5-dimethylbenzoyl]chromone $C_{29}H_{37}NO_4$
butantronum butantrone	10-butyryl-1,8-dihydroxyanthrone $C_{18}H_{16}O_3$
carboplatinum carboplatin	<i>cis</i> -diammine(1,1-cyclobutanedicarboxylato)platinum $C_6H_{12}N_2O_4Pt$
carmellosum carmellose	polycarboxymethyl ether of cellulose

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cefbuperazonum cefbuperazone	(6 <i>R</i> ,7 <i>S</i>)-7-[(2 <i>R</i> ,3 <i>S</i>)-2-(4-ethyl-2,3-dioxo-1-piperazinecarboxamido)-3-hydroxy-butylamido]-7-methoxy-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 C ₂₂ H ₂₉ N ₅ O ₅ S ₂
cefetametum cefetamet	(6 <i>R</i> ,7 <i>R</i>)-7-[2-(2-amino-4-thiazolyl)glyoxylamido]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 7 ² -(<i>Z</i>)-(O-methyloxime) C ₁₄ H ₁₅ N ₅ O ₅ S ₂
cefpiramidum cefpiramide	(6 <i>R</i> ,7 <i>R</i>)-7-[(<i>R</i>)-2-(4-hydroxy-6-methylnicotinamido)-2-(<i>p</i> -hydroxyphenyl)acetamido]-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 C ₂₅ H ₂₄ N ₈ O ₇ S ₂
ceftiolenum ceftiole	(6 <i>R</i> ,7 <i>R</i>)-7-[2-(2-amino-4-thiazolyl)glyoxylamido]-3-[(<i>E</i>)-2-[[4-(formylmethyl)-1,4,5,6-tetrahydro-5,6-dioxo- <i>as</i> -triazin-3-yl]thio]vinyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 7 ² -(<i>Z</i>)-(O-methyloxime) C ₂₀ H ₁₈ N ₆ O ₈ S ₃
cholini glycerophosphas choline glycerophosphate	choline hydroxide, (<i>R</i>)-2,3-dihydroxypropyl hydrogen phosphate, inner salt or <i>sn</i> -glycero(3)phosphocholine C ₈ H ₂₀ NO ₆ P
cisapridum cisapride	<i>cis</i> -4-amino-5-chloro- <i>N</i> -[1-[3-(<i>p</i> -fluorophenoxy)propyl]-3-methoxy-4-piperidyl]- <i>o</i> -anisamide C ₂₃ H ₂₉ ClFN ₃ O ₄
cicprolololum cicprolol	(±)-1-[<i>p</i> -[2-(cyclopropylmethoxy)ethoxy]phenoxy]-3-(isopropylamino)-2-propanol C ₁₈ H ₂₉ NO ₄
clorsulonum clorsulon	4-amino-6-(trichlorovinyl)- <i>m</i> -benzenedisulfonamide C ₈ H ₈ Cl ₃ N ₂ O ₄ S ₂
croscarmellosum croscarmellose	crosslinked carmellose (cellulose carboxymethyl ether)
dacemazinum dacemazine	10-(<i>N,N</i> -dimethylglycyl)phenothiazine C ₁₆ H ₁₅ N ₂ OS
dacisteinum dacisteine	<i>N</i> -acetyl-L-cysteine, acetate (ester) C ₇ H ₁₁ NO ₄ S
delmetacinum delmetacin	1-benzoyl-2-methylindole-3-acetic acid C ₁₈ H ₁₅ NO ₃
denzimolum denzimol	(±)-α-(<i>p</i> -phenethylphenyl)imidazole-1-ethanol C ₁₉ H ₂₀ N ₂ O
dexindoprofenum dexindoprofen	(+)-(S)- <i>p</i> -(1-oxo-2-isoindoliny)hydratropic acid C ₁₇ H ₁₅ NO ₃
dexlofedinum dexlofedine	(+)-(S)-2-[1-(2,6-dichlorophenoxy)ethyl]-2-imidazoline C ₁₁ H ₁₂ Cl ₂ N ₂ O
dienogestum dienogest	17-hydroxy-3-oxo-19-nor-17α-pregna-4,9-diene-21-nitrile C ₂₀ H ₂₅ NO ₂
diprafenonum diprafenone	(±)-2'-[2-hydroxy-3-(<i>tert</i> -pentylamino)propoxy]-3-phenylpropiophenone C ₂₃ H ₃₁ NO ₃

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ditercalinii chloridum ditercalinium chloride	2,2'-([4,4'-bipiperidine]-1,1'-diyldiethylene)bis[10-methoxy-7 <i>H</i> -pyrido[4,3- <i>c</i>]-carbazolium] dichloride $C_{46}H_{50}Cl_2N_6O_2$
ditiomustinum ditiomustine	1,1'-(dithiodiethylene)bis[3-(2-chloroethyl)-1(or 3)-nitrosoarea] $C_{10}H_{14}Cl_2N_6O_4S_2$
doqualastum doqualast	11-oxo-11 <i>H</i> -pyrido[2,1- <i>b</i>]quinazoline-2-carboxylic acid $C_{13}H_6N_2O_3$
dribendazolum dribendazole	methyl 5-(cyclohexylthio)-2-benzimidazolecarbamate $C_{15}H_{19}N_3O_2S$
elliptinii acetat elliptinium acetate	9-hydroxy-2,5,11-trimethyl-6 <i>H</i> -pyrido[4,3- <i>b</i>]carbazolium acetate $C_{20}H_{20}N_2O_3$
elmustinum elmustine	1-(2-chloroethyl)-3-(2-hydroxyethyl)-1-nitrosoarea $C_5H_{10}ClN_3O_3$
eproxindinum eproxindine	(±)- <i>N</i> -[3-(diethylamino)-2-hydroxypropyl]-3-methoxy-1-phenylindole-2-carboxamide $C_{23}H_{29}N_3O_3$
etibendazolum etibendazole	methyl 5-[2-(<i>p</i> -fluorophenyl)-1,3-dioxolan-2-yl]-2-benzimidazolecarbamate $C_{15}H_{16}FN_3O_4$
famotidinum famotidine	[1-amino-3-[[[2-[(diaminomethylene)amino]-4-thiazolyl]methyl]thio]propylidene]-sulfamide $C_8H_{15}N_7O_2S_3$
fanetizolum fanetizole	2-(phenethylamino)-4-phenylthiazole $C_{17}H_{18}N_2S$
fenirofibratum fenirofibrate	(±)-2-[[α-(<i>p</i> -chlorophenyl)-α-hydroxy- <i>p</i> -tolyl]oxy]-2-methylpropionic acid $C_{17}H_{17}ClO_4$
fenprinastum fenprinast	4-(<i>p</i> -chlorobenzyl)-1,4,6,7-tetrahydro-6,6-dimethyl-9 <i>H</i> -imidazo[1,2- <i>a</i>]purin-9-one $C_{16}H_{18}ClN_5O$
fezolaminum fezolamine	1-[3-(dimethylamino)propyl]-3,4-diphenylpyrazole $C_{20}H_{23}N_3$
flavodilolum flavodilol	(±)-7-[2-hydroxy-3-(propylamino)propoxy]flavone $C_{27}H_{23}NO_4$
flordipinum flordipine	diethyl 1,4-dihydro-2,6-dimethyl-1-(2-morpholinoethyl)-4-(α,α,α-trifluoro- <i>o</i> -tolyl)-3,5-pyridinedicarboxylate $C_{26}H_{33}F_3N_2O_5$
flotrenizinium flotrenizine	(±)-4-[bis(<i>p</i> -fluorophenyl)methyl]-α-(<i>p</i> - <i>tert</i> -butylphenyl)-1-piperazinebutanol $C_{31}H_{38}F_2N_2O$
flufyllinum flufylline	7-[2-[4-(<i>p</i> -fluorobenzoyl)piperidino]ethyl]theophylline $C_{27}H_{24}FN_5O_3$
fiuprednidenum fiuprednidene	9-fluoro-11β,17, 21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione $C_{22}H_{27}FO_5$

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fluradolinum fluradoline	2-[(8-fluorodibenz[<i>b,f</i>]oxepin-10-yl)thio]- <i>N</i> -methylethylamine C ₁₇ H ₁₆ FNOS
fotretaminum fotretamine	2,2,4,4,6-pentakis(1-aziridinyl)-2,2,4,4,6,6-hexahydro-6-morpholino-1,3,5,2,4,6-triazatriphosphorine C ₁₄ H ₂₈ N ₉ OP ₃
furafyllinum furafylline	3-furfuryl-1,8-dimethylxanthine C ₁₂ H ₁₂ N ₄ O ₃
gaboxadolum gaboxadol	4,5,6,7-tetrahydroisoxazolo[5,4- <i>c</i>]pyridin-3-ol C ₆ H ₈ N ₂ O ₂
glycobiarsolum glycobiarsol	bismuthyl <i>N</i> -glycolylarsanilate C ₈ H ₉ AsBiNO ₆
hyprolosum hyprolose	cellulose 2-hydroxypropyl ether
iloprostum iloprost	(<i>E</i>)-(3 <i>aS</i> ,4 <i>R</i> ,5 <i>R</i> ,6 <i>aS</i>)-hexahydro-5-hydroxy-4-[(<i>E</i>)-(3 <i>S</i> ,4 <i>RS</i>)-2-hydroxy-4-methyl-1-octen-6-ynyl]-Δ ² (1 <i>H</i>),δ-pentalenevaleric acid C ₂₂ H ₃₂ O ₄
indecainidum indecainide	9-[3-(isopropylamino)propyl]fluorene-9-carboxamide C ₂₀ H ₂₄ N ₂ O
indopanolum indopanlol	(±)-1-[(3-chloro-2-methylindol-4-yl)oxy]-3-[(2-phenoxyethyl)amino]-2-propanol C ₂₀ H ₂₃ ClN ₂ O ₃
insulinum humanum insulin human	a protein having the normal structure of the natural antidiabetic principle produced by the human pancreas. 11061-68-0
iopromidum iopromide	<i>N,N'</i> -bis(2,3-dihydroxypropyl)-2,4,6-triiodo-5-(2-methoxyacetamido)- <i>N</i> -methylisophthalamide
ipsalazidum ipsalazide	(<i>E</i>)- <i>p</i> -[(3-carboxy-4-hydroxyphenyl)azo]hippuric acid C ₁₆ H ₁₃ N ₃ O ₆
isotiquimidum isotiquimide	(±)-5,6,7,8-tetrahydro-4-methylthio-8-quinolinecarboxamide C ₁₁ H ₁₄ N ₂ S
lamtidinum lamtidine	1-[<i>m</i> -[3-[(3-amino-1-methyl-1 <i>H</i> -1,2,4-triazol-5-yl)amino]propoxy]benzyl]piperidine C ₁₈ H ₂₈ N ₆ O
levlofexidinum levlofexidine	(-)-(<i>R</i>)-2-[1-(2,6-dichlorophenoxy)ethyl]-2-imidazoline C ₁₁ H ₁₂ Cl ₂ N ₂ O
linogiliridum linogiliride	<i>N</i> -(1-methyl-2-pyrrolidinylidene)- <i>N'</i> -phenyl-4-morpholinecarboxamidine C ₁₆ H ₂₂ N ₄ O
lomevactonum lomevactone	4-(<i>p</i> -chlorophenyl)tetrahydro-6-methyl-3-phenyl-2 <i>H</i> -pyran-2-one or <i>p</i> -chloro-β-(2-hydroxypropyl)-α-phenylhydrocinnamic acid, δ-lactone C ₁₈ H ₁₇ ClO ₂

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lorazepam lorazepam	2-(2-aminoacetamido)-4'-chloro-2'-(<i>o</i> -chlorobenzoyl)- <i>N</i> -methylacetanilide $C_{18}H_{17}Cl_2N_3O_3$
magaldratum magaldrate	aluminium magnesium hydroxide sulfate, hydrate (anhydrous) $(Al_5Mg_{10}(OH)_{31}(SO_4)_2 \cdot xH_2O)$
mecobalaminum mecobalamin	cobinamide, <i>Co</i> -methyl deriv., hydroxide, dihydrogen phosphate (ester), inner salt, 3'-ester with 5,6-dimethyl-1- α -D-ribofuranosylbenzimidazole $C_{63}H_{91}CoN_{13}O_{14}P$
menabitanum menabitan	(\pm) -8-(1,2-dimethylheptyl)-1,3,4,5-tetrahydro-5,5-dimethyl-2-(2-propynyl)-2 <i>H</i> -[1]benzopyrano[4,3- <i>c</i>]pyridin-10-yl α ,2-dimethyl-1-piperidinebutyrate $C_{37}H_{56}N_2O_3$
mepixanoxum mepixanox	3-methoxy-4-(piperidinomethyl)xanthen-9-one $C_{20}H_{21}NO_3$
mexafyllinum mexafylline	3-(3-cyclohexen-1-ylmethyl)-1,8-dimethylxanthine $C_{14}H_{16}N_4O_2$
mifobatum mifobate	dimethyl (<i>p</i> -chloro- α -hydroxybenzyl)phosphonate, dimethyl phosphate $C_{11}H_{17}ClO_7P_2$
milacemidum milacemide	2-(pentylamino)acetamide $C_7H_{16}N_2O$
mitindomidum mitindomide	tricyclo[4.2.2.0 ^{2,5}]dec-9-ene-3,4,7,8-tetracarboxylic 3,4:7,8-diimide $C_{14}H_{12}N_2O_4$
monoxerutinum monoxerutin	3,3',4',5'-tetrahydroxy-7-(2-hydroxyethoxy)flavone 3-[6- <i>O</i> -(6-deoxy- α -L-manno-pyranosyl)- β -D-glucopyranoside] $C_{29}H_{34}O_{17}$
moxonidinum moxonidine	4-chloro-5-(2-imidazolin-2-ylamino)-6-methoxy-2-methylpyrimidine $C_9H_{12}ClN_5O$
murabutidum murabutide	2-acetamido-3- <i>O</i> -[<i>(R)</i> -1-[[<i>(S)</i> -1-[[<i>(R)</i> -3-carbamoyl-1-carboxypropyl]carbamoyl]ethyl]carbamoyl]ethyl]-2-deoxy-D-glucopyranose, butyl ester $C_{23}H_{40}N_4O_{11}$
nabazenilum nabazenil	3-(1,2-dimethylheptyl)-7,8,9,10-tetrahydro-6,6,9-trimethyl-6 <i>H</i> -dibenzo[<i>b,d'</i>]pyran-1-yl hexahydro-1 <i>H</i> -azepine-1-butylate $C_{35}H_{55}NO_3$
nacartocinum nacartocin	1-(3-mercaptopropionic acid)-2-[3-(<i>p</i> -ethylphenyl)-L-alanine]-6-(L-2-aminobutyric acid)oxytocin $C_{46}H_{71}N_{11}O_{11}S$
nafimidonum nafimidone	2-imidazol-1-yl-2'-acetophenone $C_{15}H_{12}N_2O$
nalmeffenum nalmeffene	17-(cyclopropylmethyl)-4,5 α -epoxy-6-methylenemorphinan-3,14-diol $C_{21}H_{25}NO_3$

neptamustinum neptamustine	1-(2-chloroethyl)-3-neopentyl-1-nitroso-urea $C_8H_{16}ClN_3O_2$
nizatidinum nizatidine	<i>N</i> -[2-[[[2-[(dimethylamino)methyl]-4-thiazolyl]methyl]thio]ethyl]- <i>N'</i> -methyl-2-nitro-1,1-ethenediamine $C_{12}H_{21}N_5O_2S_2$
nomegestrolum nomegestrol	17-hydroxy-6-methyl-19-norpregna-4,6-diene-3,20-dione $C_{21}H_{28}O_3$
oxalinastum oxalinast	(±)-(6,7,8,8a-tetrahydro-2-oxo-3-acenaphthenyl)oxamic acid $C_{14}H_{13}NO_4$
panuraminum panuramine	1-benzoyl-3-[1-(2-naphthylmethyl)-4-piperidyl]urea $C_{24}H_{25}N_3O_2$
parvaquonum parvaquone	2-cyclohexyl-3-hydroxy-1,4-naphthoquinone $C_{16}H_{16}O_3$
piconolum piconol	2-pyridinemethanol C_6H_7NO
pildralazinum pildralazine	(±)-1-[(6-hydrazino-3-pyridazinyl)methylamino]-2-propanol $C_8H_{15}N_5O$
pincaimidum pincainide	2,3,4,5,6,7-hexahydro-1 <i>H</i> -azepine-1-aceto-2',6'-xylidide $C_{16}H_{24}N_2O$
piraxelatum piraxelate	3,3,5-trimethylcyclohexyl 2-oxo-1-pyrrolidineacetate $C_{15}H_{25}NO_3$
pirenoxinum pirenoxine	1-hydroxy-5-oxo-5 <i>H</i> -pyrido[3,2- <i>a</i>]phenoxazine-3-carboxylic acid $C_{16}H_8N_2O_5$
pirepololum pirepolol	(±)-6-[[2-[[3-(<i>p</i> -butoxyphenoxy)-2-hydroxypropyl]amino]ethyl]amino]-1,3-dimethyluracil $C_{21}H_{32}N_4O_5$
piroxicillinum piroxicillin	(2 <i>S</i> ,5 <i>R</i> ,6 <i>R</i>)-6-[(<i>R</i>)-2-(<i>p</i> -hydroxyphenyl)-2-[3-[4-hydroxy-2-(<i>p</i> -sulfamoylanilino)-5-pyrimidinyl]ureido]acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid $C_{27}H_{28}N_4O_9S_2$
plaunotolum plaunotol	(2 <i>Z</i> ,6 <i>E</i>)-2-[(3 <i>E</i>)-4,8-dimethyl-3,7-nonadienyl]-6-methyl-2,6-octadiene-1,8-diol $C_{26}H_{34}O_2$
propofolum propofol	2,6-diisopropylphenol $C_{12}H_{16}O$
pumitepum pumitepa	<i>P,P</i> -bis(1-aziridinyl)- <i>N</i> -[2-(dimethylamino)-7-methylpurin-6-yl]phosphinic amide $C_{12}H_{19}N_8OP$

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Chemical Name or Description and Molecular Formulae

remoxipridum remoxipride	(–)-(S)-3-bromo-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2,6-dimethoxybenzamide C ₁₆ H ₂₃ BrN ₂ O ₃
rifaximinum rifaximin	(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-octamethyl-2,7-(epoxypentadeca[1,11,13]trien-imino)benzofuro[4,5-e]pyrido[1,2-a]benzimidazole-1,15(2H)-dione, 25-acetate C ₄₃ H ₅₁ N ₃ O ₁₁
rioprostilum rioprostil	(2R,3R,4R)-4-hydroxy-2-(7-hydroxyheptyl)-3-[(E)-(4RS)-4-hydroxy-4-methyl-1-octenyl]cyclopentanone C ₂₁ H ₃₈ O ₄
rofelodinum rofelodine	(±)-2,6,7,8-tetrahydro-7-phenylpyrrolo[1,2-a]pyrimidin-4(3H)-one C ₁₃ H ₁₄ N ₂ O
rolgamidinum rolgamidine	trans-N-(diaminomethylene)-2,5-dimethyl-3-pyrroline-1-acetamide C ₉ H ₁₆ N ₄ O
rosaprostolum rosaprostol	(1RS,2SR,5RS)-2-hexyl-5-hydroxycyclopentaneheptanoic acid, mixture with (1RS,2SR,5SR)-2-hexyl-5-hydroxycyclopentaneheptanoic acid C ₁₈ H ₃₄ O ₃
satranidazolum satranidazole	1-(1-methyl-5-nitroimidazol-2-yl)-3-(methylsulfonyl)-2-imidazolidinone C ₈ H ₁₁ N ₅ O ₅ S
sertralinum sertraline	(1S,4S)-4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthylamine C ₁₇ H ₁₇ Cl ₂ N
spiroplatinum spiroplatin	cis-[1,1-cyclohexanebis(methylamine)](sulfato)platinum C ₆ H ₁₈ N ₂ O ₄ PtS
sulconazolum sulconazole	(±)-1-[2,4-dichloro-β-[(p-chlorobenzyl)thio]phenethyl]imidazole C ₁₈ H ₁₅ Cl ₃ N ₂ S
sulosemidum sulosemide	2-(furfurylamino)-4-phenoxy-5-sulfamoylbenzenesulfonic acid C ₁₇ H ₁₆ N ₂ O ₇ S ₂
sultamicillinum sultamicillin	hydroxymethyl (2S,5R,6R)-6-[(R)-(2-amino-2-phenylacetamido)]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate,(2S,5R)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate (ester), S,S-dioxide C ₂₅ H ₃₀ N ₄ O ₅ S ₂
taltrimidum taltrimide	N-isopropyl-1,3-dioxo-2-isoindolineethanesulfonamide C ₁₃ H ₁₆ N ₂ O ₄ S
taziprinonum taziprinone	(±)-N-[(4R*,4aR*,9bS*)-1,2,3,4,4a,9b-hexahydro-8,9b-dimethyl-3-oxo-4-diben-zofuranyl]-4-methyl-1-piperazinepropionamide C ₂₂ H ₃₁ N ₃ O ₃
tebuquinum tebuquine	3-[[tert-butylamino)methyl]-4'-chloro-5-[(7-chloro-4-quinolyl)amino]-2-biphenylol C ₂₅ H ₂₅ Cl ₂ N ₃ O

Recommended International
Nonproprietary Name (Latin, English)

Chemical Name or Description and Molecular Formulae

tefludazinum tefludazine	<i>trans</i> -4-[3-(<i>p</i> -fluorophenyl)-6-(trifluoromethyl)-1-indanyl]-1-piperazineethanol C ₂₂ H ₂₄ F ₄ N ₂ O
teicoplaninum teicoplanin	an antibiotic obtained from cultures of <i>Actinoplanes teichomyceticus</i> , or the same substance produced by any other means C ₄₁₋₄₃ H ₅₁₋₅₃ ClN ₄ O ₁₇
temocillinum temocillin	<i>N</i> -[(2 <i>S</i> ,5 <i>R</i> ,6 <i>S</i>)-2-carboxy-6-methoxy-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]hept-6-yl]-3-thiophenemalonamic acid C ₁₆ H ₁₈ N ₂ O ₇ S ₂
tertatololum tertatolol	(±)-1-(<i>tert</i> -butylamino)-3-(thiochroman-8-yloxy)-2-propanol C ₁₆ H ₂₆ NO ₂ S
thymopentinum thymopentin	<i>N</i> -[<i>N</i> -(<i>N</i> ² -L-arginyl-L-lysyl)-L-α-aspartyl]-L-valyl]-L-tyrosine C ₃₀ H ₄₉ N ₉ O ₉
tiazofurinum tiazofurine	2-β-D-ribofuranosyl-4-thiazolecarboxamide C ₉ H ₁₂ N ₂ O ₅ S
tibalosinum tibalosin	(±)- <i>erythro</i> -2,3-dihydro-α-[1-[(4-phenylbutyl)amino]ethyl]benzo[<i>b</i>]thiophene-5-methanol C ₂₁ H ₂₇ NOS
tinabinolum tinabinol	8-(1,2-dimethylheptyl)-1,2,3,5-tetrahydro-5,5-dimethylthiopyrano[2,3- <i>c</i>][1]benzopyran-10-ol C ₂₃ H ₃₄ O ₂ S
ticabesonum ticabesone	<i>S</i> -methyl 6α,9-difluoro-11β,17-dihydroxy-16α-methyl-3-oxoandrosta-1,4-diene-17β-carbothioate C ₂₂ H ₂₈ F ₂ O ₄ S
tifluadomum tifluadom	(±)- <i>N</i> -[[5-(<i>o</i> -fluorophenyl)-2,3-dihydro-1-methyl-1 <i>H</i> -1,4-benzodiazepin-2-yl]methyl]-3-thiophenecarboxamide C ₂₂ H ₂₀ FN ₃ OS
tiprostanidum tiprostanide	(1 <i>S</i> ,2 <i>R</i> ,3 <i>R</i>)-3-hydroxy-2-[(2-hydroxy-2-methylheptyl)thio]-5-oxocyclopentaneheptanoic acid, ester with 4'-hydroxybenzanilide <i>or p</i> -benzamidophenyl (1 <i>S</i> ,2 <i>R</i> ,3 <i>R</i>)-3-hydroxy-2-[(2-hydroxy-2-methylheptyl)thio]-5-oxocyclopentaneheptanoate C ₃₃ H ₄₅ NO ₆ S
tivanidazolum tivanidazole	(<i>E</i>)-2-ethyl-5-[1-methyl-2-(1-methyl-5-nitroimidazol-2-yl)vinyl]-1,3,4-thiadiazole C ₁₁ H ₁₃ N ₅ O ₂ S
tizabrinum tizabrin	(1 <i>R</i> ,3 <i>S</i> ,5 <i>R</i>)-2,2,5-trimethyl-3-thiomorpholinecarboxylic acid, 1-oxide C ₈ H ₁₅ NO ₃ S
tolpadolum tolpado	<i>N,N'</i> -(1,2-di-4-pyridylethylene)bis[<i>o</i> -toluamide] C ₂₈ H ₂₆ N ₄ O ₂
trenizinium trenizine	(±)-α-(<i>p</i> - <i>tert</i> -butylphenyl)-4-(diphenylmethyl)-1-piperazinebutanol C ₃₁ H ₄₀ N ₂ O

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Chemical Name or Description and Molecular Formulae

trimoprostilum trimoprostil	(<i>Z</i>)-7-[(1 <i>R</i> ,2 <i>R</i> ,3 <i>R</i>)-2-[(<i>E</i>)-(3 <i>R</i>)-3-hydroxy-4,4-dimethyl-1-octenyl]-3-methyl-5-oxocyclopentyl]-5-heptenoic acid <chem>C23H38O4</chem>
tropapridum tropapride	<i>N</i> -(8-benzyl-1 α H,5 α H-nortropan-3 β -yl)- <i>o</i> -veratramide <chem>C23H28N2O3</chem>
ubidecarenonum ubidecarenone	2-{3,7,11,15,19,23,27,31,35,39-decamethyl-2,6,10,14,18,22,26,30,34,38-tetracontadecaenyl}-5,6-dimethoxy-3-methyl- <i>p</i> -benzoquinone <chem>C58H90O4</chem>
vaneprium vaneprim	(\pm)- α -[[4-amino-5-(3,4,5-trimethoxybenzyl)-2-pyrimidinyl]amino]-3-ethoxy-4-hydroxy- α -toluenesulfonic acid <chem>C23H28N4O6S</chem>
vindeburnolum vindeburnol	(\pm)-20,21-dinor-16 α -eburnamine <i>or</i> (\pm)-(12 <i>R</i> *,13 <i>aR</i> *,13 <i>bS</i> *)-2,3,5,6,12,13,13 <i>a</i> ,13 <i>b</i> -octahydro-1 <i>H</i> -indolo[3,2,1- <i>de</i>]pyr- rido[3,2,1- <i>ij</i>][1,5]naphthyridin-12-ol <chem>C17H20N2O</chem>
xamoterolum xamoterol	(\pm)- <i>N</i> -[2-[[2-hydroxy-3-(<i>p</i> -hydroxyphenoxy)propyl]amino]ethyl]-4-morpholine- carboxamide <chem>C18H25N3O5</chem>
xibenololum xibenolol	(\pm)-1-(<i>tert</i> -butylamino)-3-(2,3-xylyloxy)-2-propanol <chem>C15H25NO2</chem>
xorphanolum xorphanol	17-(cyclobutylmethyl)-8 β -methyl-6-methylenemorphinan-3-ol <chem>C23H31NO</chem>
zolenzepinum zolenzepine	4,9-dihydro-1,3-dimethyl-4-[(4-methyl-1-piperazinyl)acetyl]pyrazolo[4,3- <i>b</i>][1,5]benzodiazepin-10(1 <i>H</i>)-one <chem>C18H24N6O2</chem>
zomebazamum zomebazam	4,8-dihydro-1,3,8-trimethyl-4-phenylpyrazolo[3,4- <i>b</i>][1,4]diazepine-5,7(1 <i>H</i> ,6 <i>H</i>)- dione <chem>C15H18N4O2</chem>

AMENDMENTS TO PREVIOUS LISTS

Vol. 20, No. 11

International Nonproprietary Names (Rec. INN): List 6

p. 434	xantofyli palmitas xantofyl palmitate	<i>replace chemical name by (3R,3'R,6'R)-β,ϵ-carotene-3,3'-diol dipalmitate</i>
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Vol. 21, No. 12

International Nonproprietary Names (Rec. INN): List 7

p. 549	urokinasum urokinase	<i>replace definition by a plasminogen activator isolated from human sources</i>
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Supplement to Vol. 31, No. 10

International Nonproprietary Names (Rec. INN): List 17

p. 10	<i>delete</i>	<i>insert</i>
	zimelidinum zimelidine	zimeldinum zimeldine

Supplement to Vol. 35, No. 5

International Nonproprietary Names (Rec. INN): List 21

p. 3	cefotetanum cefotetan	<i>replace chemical name by</i> <i>(6R,7S)-4-[[[2-carboxy-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-7-yl]carbamo- moyl]-1,3-dithietane-$\Delta^{2\alpha}$-malonamic acid</i>
p. 4	corbadrinum corbadrine	<i>in the chemical name replace aminomethyl by aminoethyl</i>
p. 8	norepinephrinum norepinephrine	<i>in the chemical name replace aminoethyl by aminomethyl</i>

Supplement to Vol. 36, No. 6

International Nonproprietary Names (Rec. INN): List 22

6	<i>delete</i>	<i>insert</i>
	pidorubicinum pidorubicin	epirubicinum epirubicin