

# 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,<sup>1</sup> 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 25<sup>2</sup>

Recommended International  
 Nonproprietary Name (Latin, English)

Chemical Name or Description and Molecular Formulae

abamectinum  
 abamectin

A mixture of components B1a and B1b

### Component B1a:

(2a*E*,4*E*,8*E*)-(5'*S*,6*S*,6'*R*,7*S*,11*R*,13*S*,15*S*,17a*R*,20*R*,20a*R*,20b*S*)-6'-[(*S*)-sec-butyl]-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-2*H*,13*H*,17*H*-furo[4,3,2-*pq*][2,6]benzodioxacyclooctadecin-13,2'-[2*H*]pyran]-7-yl 2,6-dideoxy-4-*O*-(2,6-dideoxy-3-*O*-methyl- $\alpha$ -L-arabino-hexopyranosyl)-3-*O*-methyl- $\alpha$ -L-arabino-hexopyranoside  
 $C_{48}H_{72}O_{14}$

### Component B1b:

(2a*E*,4*E*,8*E*)-(5'*S*,6*S*,6'*R*,7*S*,11*R*,13*S*,15*S*,17a*R*,20*R*,20a*R*,20b*S*)-5',6,6',7,10,11,14,15,17a,20,20a,20b-dodecahydro-20,20b-dihydroxy-6'-isopropyl-5',6,8,19-tetramethyl-17-oxospiro[11,15-methano-2*H*,13*H*,17*H*-furo[4,3,2-*pq*][2,6]benzodioxacyclooctadecin-13,2'-[2*H*]pyran]-7-yl 2,6-dideoxy-4-*O*-(2,6-dideoxy-3-*O*-methyl- $\alpha$ -L-arabino-hexopyranosyl)-3-*O*-methyl- $\alpha$ -L-arabino-hexopyranoside  
 $C_{47}H_{70}O_{14}$

abunidazolium  
 abunidazole

$\alpha$ -(5-*tert*-butyl-2-hydroxyphenyl)-1-methyl-5-nitroimidazole-2-methanol  
 $C_{15}H_{19}N_3O_4$

aceclofenacum  
 aceclofenac

glycolic acid, [o-(2,6-dichloroanilino)phenyl]acetate (ester)  
 $C_{18}H_{13}Cl_2NO_4$

acidum broxitalamicum  
 broxitalamic acid

5-acetamido-2,4,6-tribromo-*N*-(2-hydroxyethyl)isophthalamide acid  
 $C_{12}H_{11}Br_3N_2O_5$

<sup>1</sup> *Off. Rec. Wld Hlth Org.*, 1955, 60, 5 (Resolution EB15.R7); 1969, 1973, 10 (Resolution EB43.R9).

<sup>2</sup> 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, 163, 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, Vol. 37, No. 6; Vol. 38, No. 6.

*Recommended International  
Nonproprietary Name (Latin, English)*

*Chemical Name or Description and Molecular Formulae*

acidum ioxabrolicum ioxabrolic acid	<i>N</i> -(2-hydroxyethyl)-2,4,6-triiodo-5-[2-[2,4,6-tribromo-3-( <i>N</i> -methylacetamido)-5-(methylcarbamoyl)benzamido]acetamido]isophthalamic acid $C_{24}H_{21}Br_3I_3N_5O_8$
acidum isospaglumicum isospaglumic acid	<i>N</i> -( <i>N</i> -acetyl-L- $\alpha$ -aspartyl)-L-glutamic acid $C_{11}H_{18}N_2O_8$
acidum tauroselcholicum tauroselcholic acid	<i>N</i> -[[[(2 <i>S</i> )-3 <i>a</i> ,7 <i>a</i> ,12 <i>a</i> -trihydroxy-20-methyl-5 $\beta$ -pregnan-21-yl]selenyl]acetyl]taurine $C_{26}H_{45}NO_7SSe$
acidum ursulcholicum ursulcholic acid	3 <i>a</i> ,7 $\beta$ -dihydroxy-5 $\beta$ -cholan-24-oic acid bis(hydrogen sulfate) $C_{24}H_{40}O_{10}S_2$
adimololum adimolol	( $\pm$ )-1-[3-[[2-hydroxy-3-(1-naphthoxy)propyl]amino]-3-methylbutyl]-2-benzimidazolinone $C_{25}H_{29}N_3O_3$
almagodraturum almagodrate	decaaluminum pentamagnesium hexacosahydroxide pentaoxide bis(sulfate) hydrate $Al_{10}H_{26}Mg_5O_{35}S_2 \cdot nH_2O$
alpidemum alpidem	6-chloro-2-( <i>p</i> -chlorophenyl)- <i>N,N</i> -dipropylimidazo[1,2- <i>a</i> ]pyridine-3-acetamide $C_{21}H_{23}Cl_2N_3O$
alteconazolum alteconazole	<i>cis</i> -1-[2-( <i>p</i> -chlorophenyl)-3-(2,4-dichlorophenyl)-2,3-epoxypropyl]-1 <i>H</i> -1,2,4-triazole $C_{17}H_{12}Cl_3N_3O$
amlodipinum amlodipine	3-ethyl 5-methyl ( $\pm$ )-2-[(2-aminoethoxy)methyl]-4-( <i>o</i> -chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate $C_{20}H_{25}ClN_2O_5$
amonafidum amonafide	3-amino- <i>N</i> -[2-(dimethylamino)ethyl]naphthalimide $C_{16}H_{17}N_3O_2$
anaxironum anaxirone	tris(2,3-epoxypropyl)bicarbamimide $C_{11}H_{15}N_3O_5$
arclofeninum arclofenin	[[[(2-benzoyl-4-chlorophenyl)carbamoyl]methyl]imino]diacetic acid $C_{19}H_{17}ClN_2O_6$
axamozidum axamozide	( $\pm$ )-1-[1-(1,4-benzodioxan-2-yl)methyl]-4-piperidyl]-5-chloro-2-benzimidazolinone $C_{21}H_{22}ClN_3O_3$
azamulinum azamulin	[(5-amino- <i>s</i> -triazol-3-yl)thio]acetic acid, 8-ester with (3 <i>aS</i> ,4 <i>R</i> ,5 <i>S</i> ,6 <i>R</i> ,8 <i>R</i> ,9 <i>R</i> ,9 <i>aR</i> ,10 <i>R</i> )-6-ethyloctahydro-5,8-dihydroxy-4,6,9,10-tetramethyl-3 <i>a</i> ,9-propano-3 <i>aH</i> -cyclopentacycloocten-1(4 <i>H</i> )-one $C_{24}H_{38}N_4O_4S$
barucaïnidium barucaïnide	4-benzyl-1,3-dihydro-7-[4-(isopropylamino)butoxy]-6-methylfuro[3,4- <i>c</i> ]pyridine $C_{22}H_{30}N_2O_2$
benzylpenicillinum benzylpenicillin	(2 <i>S</i> ,5 <i>R</i> ,6 <i>R</i> )-3,3-dimethyl-7-oxo-6-(2-phenylacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid $C_{16}H_{18}N_2O_4S$

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besulpamidum besulpamide	1-(4-chloro-3-sulfamoylbenzamido)-2,4,6-trimethylpyridinium-hydroxide, inner salt $C_{15}H_{14}ClN_3O_3S$
biclodilum biclodil	[(2,6-dichlorophenyl)amidino]urea $C_8H_6Cl_2N_4O$
bipenamolum bipenamol	<i>o</i> -[( $\alpha$ -amino- <i>o</i> -tolyl)thio]benzyl alcohol $C_{14}H_{15}NOS$
brobactamum brobactam	(2 <i>S</i> ,5 <i>R</i> ,6 <i>R</i> )-6-bromo-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid $C_8H_{10}BrNO_3S$
buciclovirum buciclovir	( <i>R</i> )-9-(3,4-dihydroxybutyl)guanine $C_9H_{13}N_5O_3$
buquiterinum buquiterine	2-( <i>tert</i> -butylamino)-6,7-dihydro-9,10-dimethoxy-4 <i>H</i> -pyrimido[6,1- <i>a</i> ]isoquinolin-4-one $C_{18}H_{23}N_3O_3$
butinazocinum butinazocine	( $\pm$ )-3-(3-butynyl)-1,2,3,4,5,6-hexahydro-11,11-dimethyl-2,6-methano-3-benzazocine-6,8-diol $C_{18}H_{23}NO_2$
carbaldratum carbaldrate	sodium (carbonato)dihydroxyaluminate(1-) hydrate $CH_2AlNaO_3 \cdot nH_2O$
carebastinum carebastine	<i>p</i> -[4-[4-(diphenylmethoxy)piperidino]butyryl]- $\alpha$ -methylhydratropic acid $C_{32}H_{37}NO_4$
cefedrolorum cefedrolor	(6 <i>R</i> ,7 <i>R</i> )-7-[( <i>R</i> )-2-amino-2-(3-chloro-4-hydroxyphenyl)acetamido]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid $C_{18}H_{14}ClN_3O_5S$
cefivitrilum cefivitril	(6 <i>R</i> ,7 <i>R</i> )-7-[2-[[ <i>Z</i> ]-2-cyanovinyl]thio]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 $C_{15}H_{18}N_7O_4S_3$
cefiximum cefixime	(6 <i>R</i> ,7 <i>R</i> )-7-[2-(2-amino-4-thiazolyl)glyoxylamido]-8-oxo-3-vinyl-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7 <sup>2</sup> -( <i>Z</i> )-[ <i>O</i> -(carboxymethyl)oxime] $C_{18}H_{15}N_5O_7S_2$
ceftiofurum ceftiofur	(6 <i>R</i> ,7 <i>R</i> )-7-[2-(2-amino-4-thiazolyl)glyoxylamido]-3-(mercaptomethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7 <sup>2</sup> -( <i>Z</i> )-(1-methyloxime), 2-furoate (ester) $C_{19}H_{17}N_5O_7S_3$
ciamexonum ciamexon	( $\pm$ )-1-[(2-methoxy-6-methyl-3-pyridyl)methyl]-2-aziridinecarbonitrile $C_{11}H_{13}N_3O$
ciladopum ciladopa	(-)-(S)-2-[4-( $\beta$ -hydroxy-3,4-dimethoxyphenethyl)-1-piperazinyl]-2,4,6-cycloheptatrien-1-one $C_{21}H_{26}N_2O_4$
cilazaprilum cilazapril	(1 <i>S</i> ,9 <i>S</i> )-9-[[ <i>(S)</i> ]-1-carboxy-3-phenylpropyl]amino]octahydro-10-oxo-6 <i>H</i> -pyridazino[1,2- <i>a</i> ][1,2]diazepine-1-carboxylic acid, 9-ethyl ester $C_{22}H_{31}N_5O_3$

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cinaproxenum cinaproxen	<i>N</i> -acetyl-L-cysteine ( + )-( <i>S</i> )-6-methoxy- $\alpha$ -methyl-2-naphthaleneacetate (ester) $C_{18}H_{21}NO_5S$
cinflumidum cinflumide	( <i>E</i> )- <i>N</i> -cyclopropyl- <i>m</i> -fluorocinnamamide $C_{12}H_{12}FNO$
cinuperonum cinuperone	4'-fluoro-4-[4-(3-isoquinolyl)-1-piperazinyl]butyrophenone $C_{23}H_{24}FN_3O$
clidafidinum clidafidine	2-[(2,6-dichlorophenyl)imino]oxazolidine $C_9H_8Cl_2N_2O$
clomoxirum clomoxir	( $\pm$ )-2-[5-( <i>p</i> -chlorophenyl)pentyl]glycidic acid $C_{14}H_{17}ClO_3$
cloricromenum cloricromen	ethyl [[8-chloro-3-[2-(diethylamino)ethyl]-4-methyl-2-oxo-2 <i>H</i> -1-benzopyran-7-yl]oxy]acetate $C_{20}H_{28}ClNO_5$
clotcasonum cloticasone	<i>S</i> -(chloromethyl) 6 $\alpha$ ,9-difluoro-11 $\beta$ ,17-dihydroxy-16 $\alpha$ -methyl-3-oxoandrost-1,4-diene-17 $\beta$ -carbothioate $C_{22}H_{27}ClF_2O_4S$
crilanomerum crilanomer	starch polymer with acrylonitrile
dagapamilum dagapamil	2-[3-[( <i>m</i> -methoxyphenethyl)methylamino]propyl]-2-(3,4,5-trimethoxyphenyl)tetradecanenitrile $C_{38}H_{58}N_2O_4$
danosteinum danosteine	3-[(carboxymethyl)thio]propionic acid $C_5H_8O_4S$
darenzepinum darenzepine	1-( <i>E</i> )-[(5,6-dihydro-6-oxo-11-morphanthridinylidene)acetyl]-4-methylpiperazine $C_{21}H_{21}N_3O_2$
devapamilum devapamil	2-(3,4-dimethoxyphenyl)-2-isopropyl-5-[( <i>m</i> -methoxyphenethyl)methylamino]valeronitrile $C_{28}H_{38}N_2O_3$
dexsecoverinum dexsecoverine	( + )-( <i>S</i> )-1-cyclohexyl-4-[ethyl( <i>p</i> -methoxy- $\alpha$ -methylphenethyl)amino]-1-butanone $C_{22}H_{33}NO_2$
dimoxaprostum dimoxaprost	( <i>Z</i> )-7-[(1 <i>RS</i> ,2 <i>RS</i> ,3 <i>RS</i> )-2-[( <i>E</i> )-(3 <i>RS</i> )-5-ethoxy-3-hydroxy-4,4-dimethyl-1-pentenyl]-3-hydroxy-5-oxocyclopentyl]-5-heptenoic acid $C_{21}H_{34}O_5$
dioxadilolum dioxadilol	( $\pm$ )-1-(1,4-benzodioxan-2-ylmethoxy)-3-( <i>tert</i> -butylamino)-2-propanol $C_{18}H_{23}NO_4$
dirithromycinum dirithromycin	(9 <i>S</i> )-9-deoxy-11-deoxy-9,11-[imino[2-(2-methoxyethoxy)ethylidene]oxy]erythromycin $C_{42}H_{78}N_2O_{14}$
dizatrifonum dizatrifone	2-(cyclopropylmethyl)-5,6-bis( <i>p</i> -methoxyphenyl)- <i>as</i> -triazin-3(2 <i>H</i> )-one $C_{21}H_{21}N_3O_2$

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doliracetamum doliracetam	(±)-2-oxo-3-phenyl-1-indolineacetamide $C_{16}H_{14}N_2O_2$
doxazosinum doxazosin	1-(4-amino-6,7-dimethoxy-2-quinazolinyl)-4-(1,4-benzodioxan-2-ylcarbonyl)piperazine $C_{23}H_{25}N_5O_5$
droloxifenum droloxifene	(E)-α-[p-[2-(dimethylamino)ethoxy]phenyl]-α'-ethyl-3-stilbenol $C_{26}H_{29}NO_2$
droxicamum droxicam	5-methyl-3-(2-pyridyl)-2H,5H-1,3-oxazino[5,6-c][1,2]benzothiazine-2,4(3H)-dione 6,6-dioxide $C_{18}H_{11}N_3O_5S$
ebastinum ebastine	4'-tert-butyl-4-[4-(diphenylmethoxy)piperidino]butyrophenone $C_{32}H_{35}NO_2$
edoxudinum loxudine	2'-deoxy-5-ethyluridine $C_{11}H_{18}N_2O_5$
eflornithinum eflornithine	2-(difluoromethyl)-DL-ornithine $C_6H_{12}F_2N_2O_2$
efrotomycinum efrotomycin	An antibiotic produced by <i>Streptomyces lactamdurans</i> . Efrotomycin is a complex antibiotic with three components: efrotomycin A <sub>1</sub> , efrotomycin A <sub>2</sub> and efrotomycin B empirical molecular formula $C_{58}H_{88}N_2O_{20}$

Component A<sub>1</sub>:

(αS,2R,3R,4R,6S)-4-[[6-deoxy-4-O-(6-deoxy-2,4-di-O-methyl-α-L-mannopyranosyl)-3-O-methyl-β-D-allopyranosyl]oxy]-N-[(2E,4E,6S,7R)-7-[(2S,3S,4R,5R)-5-[(1E,3E,5E)-6-(1,2-dihydro-4-hydroxy-1-methyl-2-oxonicotinoyl)-1,3,5-heptatrienyl]tetrahydro-3,4-dihydroxy-2-furyl]-6-methoxy-5-methyl-2,4-octadienyl]-α-ethyltetrahydro-2,3-dihydroxy-5,5-dimethyl-6-[(1E,3Z)-1,3-pentadienyl]-2H-pyran-2-acetamide

Component A<sub>2</sub>:

(αS,2R,3R,4R,6S)-4-[[6-deoxy-4-O-(6-deoxy-2,4-di-O-methyl-α-L-mannopyranosyl)-3-O-methyl-β-D-allopyranosyl]oxy]-N-[(2E,4E,6S,7R)-7-[(2S,3S,4R,5R)-5-[(1E,3E,5E)-7-[(E)-1,4-dihydro-1-methyl-2,4-dioxo-3(2H)-pyridylidene]-7-hydroxy-6-methyl-1,3,5-heptatrienyl]tetrahydro-3,4-dihydroxy-2-furyl]-6-methoxy-5-methyl-2,4-octadienyl]-α-ethyltetrahydro-2,3-dihydroxy-5,5-dimethyl-6-[(1E,3Z)-1,3-pentadienyl]-2H-pyran-2-acetamide

Component B:

(αS,2R,3R,4R,6S)-4-[[6-deoxy-4-O-(6-deoxy-2,4-di-O-methyl-α-L-mannopyranosyl)-3-O-methyl-β-D-allopyranosyl]oxy]-α-ethyltetrahydro-2,3-dihydroxy-N-[(2E,4E,6S,7R)-6-methoxy-5-methyl-7-[(2S,3S,4R,5R)-tetrahydro-3,4-dihydroxy-5-[(1E,3E)-4-(3,4,5,6-tetrahydro-3,6-dimethyl-4,5-dioxo-2H-pyrano[3,2-c]pyridin-2-yl)-1,3-butadienyl]-2-furyl]-2,4-octadienyl]-5,5-dimethyl-6-[(1E,3Z)-1,3-pentadienyl]-2H-pyran-2-acetamide

eltenacum eltenac	4-(2,6-dichloroanilino)-3-thiopheneacetic acid $C_{12}H_8Cl_2NO_2S$
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enilospironum enilospirone	(2R,5RS,6R)-6-(m-chlorophenoxy)-2-methyl-1-oxa-4-azaspiro-[4.5]decan-3-one $C_{15}H_{16}ClNO_3$
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enoxamastum enoxamast	[4-(1,4-benzodioxan-6-yl)-2-thiazolyl]oxamic acid $C_{13}H_{10}N_2O_5S$
enoxaparinum enoxaparin	heparin of low molecular mass presenting a 4-eno pyranosuronate-sodium structure at the non reducing end of the chain
enoximonum enoximone	4-methyl-5-[ <i>p</i> -(methylthio)benzoyl]-4-imidazolin-2-one $C_{12}H_{12}N_2O_2S$
enpirolinum enpiroline	(±)-(R*,R*)-α-[2-(trifluoromethyl)-6-( <i>a,a,a</i> -trifluoro- <i>p</i> -tolyl)-4-pyridyl]-2-piperidinemethanol $C_{19}H_{18}F_4N_2O$
epanololum epanolol	(±)- <i>N</i> -[2-[[3-( <i>o</i> -cyanophenoxy)-2-hydroxypropyl]amino]ethyl]-2-( <i>p</i> -hydroxyphenyl)acetamide $C_{20}H_{23}N_3O_4$
erythromycini acistras erythromycin acistrate	erythromycin 2'-acetate, stearate (salt) $C_{57}H_{105}NO_{16}$
eseridinum eseridine	(4 <i>a</i> S,9 <i>a</i> S)-2,3,4,4 <i>a</i> ,9,9 <i>a</i> -hexahydro-2,4 <i>a</i> ,9-trimethyl-1,2-oxazino[6,5- <i>b</i> ]indol-6-yl methylcarbamate $C_{15}H_{21}N_3O_3$
etacepridum etacepride	5-acetyl- <i>N</i> -[(1-ethyl-2-pyrrolidinyl)methyl]- <i>o</i> -anisamide $C_{17}H_{24}N_2O_3$
etanterolum etanterol	5-amino-α-[[( <i>p</i> -hydroxy- <i>a</i> -methylphenethyl)amino]methyl]- <i>m</i> -xylene- <i>a,a'</i> -diol $C_{18}H_{24}N_2O_3$
eticlopridum eticlopride	(-)-(S)-5-chloro-3-ethyl- <i>N</i> -[(1-ethyl-2-pyrrolidinyl)methyl]-6-methoxysalicylamide $C_{17}H_{26}ClN_2O_3$
etolotifenum etolotifen	4,9-dihydro-4-[1-[2-[2-(2-hydroxyethoxy)ethoxy]ethyl]-4-piperidylidene]-10 <i>H</i> -benzo[4,5]cyclohepta[1,2- <i>b</i> ]thiophen-10-one $C_{24}H_{29}NO_4S$
etomoxirum etomoxir	ethyl (±)-2-[6-( <i>p</i> -chlorophenoxy)hexyl]glycidate $C_{17}H_{23}ClO_4$
falintololum falintolol	cyclopropyl methyl ketone, (±)-(EZ)- <i>O</i> -[3-( <i>tert</i> -butylamino)-2-hydroxypropyl]oxime $C_{12}H_{24}N_2O_2$
fengabinum fengabine	(Z)-2-( <i>N</i> -butyl- <i>o</i> -chlorobenzimidoyl)-4-chlorophenol $C_{17}H_{17}Cl_2NO$
flestololum flestolol	<i>o</i> -fluorobenzoic acid, 3-ester with (±)-[2-[(2,3-dihydroxypropyl)amino]-2-methylpropyl]urea $C_{15}H_{22}FN_3O_4$
flufosalum flufosal	<i>a,a,a</i> -trifluoro-2,4-cresotic acid dihydrogen phosphate $C_8H_6F_3O_8P$
flunoprostum flunoprost	(Z)-7-[(1 <i>R</i> ,2 <i>R</i> ,3 <i>R</i> ,5 <i>R</i> )-5-fluoro-3-hydroxy-2-[( <i>E</i> )-(3 <i>R</i> )-3-hydroxy-4-phenoxy-1-butenyl]cyclopentyl]-5-heptenoic acid $C_{22}H_{29}FO_5$

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fluticasonum fluticasone	S-(fluoromethyl) 6 $\alpha$ ,9-difluoro-11 $\beta$ ,17-dihydroxy-16 $\alpha$ -methyl-3-oxoandrosta-1,4-diene-17 $\beta$ -carbothioate C <sub>22</sub> H <sub>27</sub> F <sub>3</sub> O <sub>4</sub> S
fosarilatam fosarilate	diethyl [6-(2-chloro-4-methoxyphenoxy)hexyl]phosphonate C <sub>17</sub> H <sub>28</sub> ClO <sub>5</sub> P
furegrelatum furegrelate	5-(3-pyridylmethyl)-2-benzofuranecarboxylic acid C <sub>19</sub> H <sub>11</sub> NO <sub>3</sub>
gestrinonum gestrinone	13-ethyl-17-hydroxy-18,19-dinor-17 $\alpha$ -pregna-4,9,11-trien-20-yn-3-one C <sub>21</sub> H <sub>24</sub> O <sub>2</sub>
glimepiridum glimepiride	1-[[p-[2-(3-ethyl-4-methyl-2-oxo-3-pyrroline-1-carboxamido)ethyl]phenyl]sulfonyl]-3-(4-methylcyclohexyl)urea C <sub>24</sub> H <sub>34</sub> N <sub>4</sub> O <sub>5</sub> S
histrelinum histrelin	5-oxo-L-prolyl-L-histidyl-L-tryptophyl-L-seryl-L-tyrosyl-N <sup>T</sup> -benzyl-D-histidyl-L-leucyl-L-arginyl-N-ethyl-L-prolinamide C <sub>66</sub> H <sub>86</sub> N <sub>10</sub> O <sub>12</sub>
imanixilum imanixil	4-amino-2-(4,4-dimethyl-2-oxo-1-imidazolidinyl)- $\alpha$ , $\alpha$ , $\alpha$ -trifluoro-5-pyrimidine-carboxy- <i>m</i> -toluidide C <sub>17</sub> H <sub>17</sub> F <sub>3</sub> N <sub>4</sub> O <sub>2</sub>
imiloxanum imiloxan	( $\pm$ )-2-(1,4-benzodioxan-2-ylmethyl)-1-ethylimidazole C <sub>14</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>
imoxiterolum imoxiterol	$\alpha$ -[[[3-(1-benzimidazolyl)-1-methylpropyl]amino]methyl]vanillyl alcohol C <sub>26</sub> H <sub>28</sub> N <sub>3</sub> O <sub>3</sub>
iodixanolum iodixanol	5,5'-[(2-hydroxytrimethylene)bis(acetylmino)]bis[N,N'-bis(2,3-dihydroxypropyl)-2,4,6-triiodoisophthalamide] C <sub>33</sub> H <sub>44</sub> I <sub>3</sub> N <sub>6</sub> O <sub>15</sub>
iopentolum iopentol	N,N'-bis(2,3-dihydroxypropyl)-5-[N-(2-hydroxy-3-methoxypropyl)acetamido]-2,4,6-triiodoisophthalamide C <sub>20</sub> H <sub>28</sub> I <sub>3</sub> N <sub>3</sub> O <sub>9</sub>
irloxacinum irloxacin	1-ethyl-6-fluoro-1,4-dihydro-4-oxo-7-pyrrol-1-yl-3-quinolinecarboxylic acid C <sub>16</sub> H <sub>13</sub> FN <sub>2</sub> O <sub>3</sub>
isobromindionum isobromindione	( $\pm$ )-5-bromo-2-phenyl-1,3-indandione C <sub>15</sub> H <sub>9</sub> BrO <sub>2</sub>
isosorbidi mononitras isosorbide mononitrate	1,4:3,6-dianhydro-D-glucitol 5-nitrate C <sub>6</sub> H <sub>8</sub> NO <sub>6</sub>
itrocainidum itrocainide	N-[2-(diethylamino)ethyl]-1- <i>o</i> -tolyl-4-isoquinolinecarboxamide C <sub>23</sub> H <sub>27</sub> N <sub>3</sub> O
ivoqualinum ivoqualine	6-methoxy-4-[3-[(3S,4R)-3-vinyl-4-piperidyl]propyl]quinoline C <sub>26</sub> H <sub>28</sub> N <sub>2</sub> O
lactalfatum lactalfate	lactose octakis(hydrogen sulfate), basic aluminum salt C <sub>12</sub> H <sub>24</sub> Al <sub>16</sub> O <sub>75</sub> S <sub>8</sub>

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lamotriginum lamotrigine	3,5-diamino-6-(2,3-dichlorophenyl)-as-triazine $C_8H_7Cl_2N_6$
lemidosulum lemidosul	$\alpha$ -amino-4-tert-butyl-6-(methylsulfonyl)-o-cresol $C_{12}H_{19}NO_3S$
lodinixilum lodinixil	4-chloro-2-(dimethylamino)-6-(2,3-xylydino)pyrimidine $C_{14}H_{17}ClN_4$
loflucarbanum loflucarban	3,5-dichloro-4'-fluorothiocarbanilide $C_{13}H_5Cl_2FN_2S$
lucartamidum lucartamide	( $\pm$ )-tetrahydro-N-methyl-2-(6-methyl-2-pyridyl)thio-2-thiophenecarboxamide $C_{12}H_{16}N_2S_2$
lupitidinum lupitidine	2-[[2-[[5-[(dimethylamino)methyl]furfuryl]thio]ethyl]amino]-5-[(6-methyl-3-pyridyl)methyl]-4(1H)-pyrimidinone $C_{21}H_{27}N_5O_2S$
luxabendazolum luxabendazole	methyl 5-hydroxy-2-benzimidazolecarbamate, <i>p</i> -fluorobenzenesulfonate (ester) $C_{15}H_{12}FN_3O_5S$
maduramicinum maduramicin	ammonium (2 <i>R</i> ,3 <i>S</i> ,4 <i>S</i> ,5 <i>R</i> ,6 <i>S</i> )-tetrahydro-2-hydroxy-6-[( <i>R</i> )-1-[(2 <i>S</i> ,5 <i>R</i> ,7 <i>S</i> ,8 <i>R</i> ,9 <i>S</i> )-9-hydroxy-2,8-dimethyl-2-[(2 <i>S</i> ,2' <i>R</i> ,3' <i>S</i> ,5 <i>R</i> ,5' <i>R</i> )-octahydro-2-methyl-3'-[[[(2 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,5 <i>S</i> )-tetrahydro-4,5-dimethoxy-6-methyl-2 <i>H</i> -pyran-2-yl]oxy]-5'-[(2 <i>S</i> ,3 <i>S</i> ,5 <i>R</i> ,6 <i>S</i> )-tetrahydro-6-hydroxy-3,5,6-trimethyl-2 <i>H</i> -pyran-2-yl][2,2'-bifuran]-5-yl]-1,6-dioxaspiro[4.5]dec-7-yl]ethyl]-4,5-dimethoxy-3-methyl-2 <i>H</i> -pyran-2-acetate $C_{47}H_{83}NO_{17}$
mefenidramii metilsulfas mefenidramium metilsulfate	[2-(diphenylmethoxy)ethyl]trimethylammonium methyl sulfate $C_{19}H_{27}NO_5S$
mesalazinum mesalazine	5-aminosalicylic acid $C_7H_7NO_3$
methylprednisoloni aceponas methylprednisolone aceponate	11 $\beta$ ,17,21-trihydroxy-6 $\alpha$ -methylpregna-1,4-diene-3,20-dione, 21-acetate 17-propionate $C_{27}H_{38}O_7$
metibridum metibride	2-chloro-N,N-dimethyl-5-[3-methyl-2-(phenylimino)-4-thiazolin-4-yl]benzenesulfonamide $C_{16}H_{18}ClN_3O_2S_2$
metostilenolum metostilenol	( $\pm$ )-(E)- $\alpha$ -( <i>p</i> -methoxystyryl)-4-morpholineethanol $C_{15}H_{21}NO_3$
mexiprostilum mexiprostil	methyl (1 <i>R</i> ,2 <i>R</i> ,3 <i>R</i> )-3-hydroxy-2-[(E)-(3 <i>R</i> )-3-hydroxy-4-methoxy-4-methyloctyl]-5-oxocyclopentaneheptanoate $C_{25}H_{40}O_6$
midazogrelum midazogrel	( $\pm$ )-1-[(E)-3-(benzyloxy)-1-octenyl]imidazole $C_{18}H_{24}N_2O$



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mifepristone mifepristone	11 $\beta$ -[ <i>p</i> -(dimethylamino)phenyl]-17 $\beta$ -hydroxy-17-(1-propynyl)estra-4,9-dien-3-one C <sub>29</sub> H <sub>35</sub> NO <sub>2</sub>
mindodilol mindoditol	( $\pm$ )- $\alpha$ -[(indol-4-yloxy)methyl]-4-(phenoxymethyl)-1-piperidineethanol C <sub>23</sub> H <sub>28</sub> N <sub>2</sub> O <sub>3</sub>
mopidralazinium mopidralazine	4-[6-[(2,5-dimethylpyrrol-1-yl)amino]-3-pyridazinyl]morpholine C <sub>14</sub> H <sub>18</sub> N <sub>6</sub> O
motapizonum motapizone	( $\pm$ )-4,5-dihydro-6-(4-imidazol-1-yl-2-thienyl)-5-methyl-3 (2 <i>H</i> )-pyridazinone C <sub>12</sub> H <sub>12</sub> N <sub>4</sub> OS
mupirocinum mupirocin	( <i>E</i> )-(2 <i>S</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>S</i> )-5-[(2 <i>S</i> ,3 <i>S</i> ,4 <i>S</i> ,5 <i>S</i> )-2,3-epoxy-5-hydroxy-4-methylhexyl]tetrahydro-3,4-dihydroxy- $\beta$ -methyl-2 <i>H</i> -pyran-2-crotonic acid, ester with 9-hydroxy-nonanoic acid C <sub>28</sub> H <sub>44</sub> O <sub>8</sub>
topidilum taftopidil	( $\pm$ )-4-( <i>o</i> -methoxyphenyl)- $\alpha$ -[(1-naphthyloxy)methyl]-1-piperazineethanol C <sub>24</sub> H <sub>28</sub> N <sub>2</sub> O <sub>3</sub>
naminterolum naminterol	5-amino- $\alpha$ -[( <i>p</i> -methoxy- $\alpha$ -methylphenethyl)amino]methyl]- <i>m</i> -xylene- $\alpha$ , $\alpha'$ -diol C <sub>18</sub> H <sub>26</sub> N <sub>2</sub> O <sub>3</sub>
napamezolum napamezole	2-[(3,4-dihydro-2-naphthyl)methyl]-2-imidazoline C <sub>14</sub> H <sub>16</sub> N <sub>2</sub>
nesapidilum nesapidil	( $\pm$ )-1-[4-( <i>o</i> -methoxyphenyl)-1-piperazinyl]-3-[ <i>m</i> -(5-methyl-1,3,4-oxadiazol-2-yl)phenoxy]-2-propanol C <sub>23</sub> H <sub>28</sub> N <sub>4</sub> O <sub>4</sub>
nesosteinum nesosteine	<i>o</i> -(3-thiazolidinylcarbonyl)benzoic acid C <sub>11</sub> H <sub>11</sub> NO <sub>3</sub> S
nicorandilum nicorandil	<i>N</i> -(2-hydroxyethyl)nicotinamide nitrate (ester) C <sub>8</sub> H <sub>9</sub> N <sub>3</sub> O <sub>4</sub>
nilvadipinum nilvadipine	5-isopropyl 3-methyl 2-cyano-1,4-dihydro-6-methyl-4-( <i>m</i> -nitrophenyl)-3,5-pyridinedicarboxylate C <sub>19</sub> H <sub>19</sub> N <sub>3</sub> O <sub>6</sub>
nitraquazonum nitraquazone	3-ethyl-1-( <i>m</i> -nitrophenyl)-2,4(1 <i>H</i> ,3 <i>H</i> )-quinazolin-2-one C <sub>18</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub>
ociltidum ociltide	L-tyrosyl- <i>N</i> <sup>F</sup> -formyl-D-lysylglycylphenyl- <i>N</i> -(tetrahydro-2-oxo-3-thienyl)-L-alaninamide C <sub>31</sub> H <sub>40</sub> N <sub>6</sub> O <sub>7</sub> S
octimibatium octimibate	8-[(1,4,5-triphenylimidazol-2-yl)oxy]octanoic acid C <sub>29</sub> H <sub>30</sub> N <sub>2</sub> O <sub>3</sub>
octreotidum octreotide	D-phenylalanyl-L-cysteinyl-L-phenylalanyl-D-tryptophyl-L-lysyl-L-threonyl- <i>N</i> -[(1 <i>R</i> ,2 <i>R</i> )-2-hydroxy-1-(hydroxymethyl)-propyl]-L-cysteinamide cyclic (2 $\rightarrow$ 7)-disulfide C <sub>49</sub> H <sub>66</sub> N <sub>10</sub> O <sub>10</sub> S <sub>2</sub>

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oforninum ofornine	1-( <i>N</i> -4-pyridylanthraniloyl)piperidine C <sub>17</sub> H <sub>19</sub> N <sub>3</sub> O
olpimedonum olpimedone	(±)-2,3,6,7-tetrahydro-7-methyl-5 <i>H</i> -thiazolo[3,2- <i>a</i> ]pyrimidin-5-one C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> OS
olsalazinum olsalazine	5,5'-azodisalicylic acid or C.I. mordant yellow 5 C <sub>14</sub> H <sub>10</sub> N <sub>2</sub> O <sub>6</sub>
orgoteinum orgotein	water-soluble protein congeners derived from red blood cells, liver, and other tissues, of molecular weight about 33,000 with compact conformation maintained by about 4 gram-atoms of divalent metal. Produced from beef liver as Cu-Zn mixed chelate having superoxide dismutase activity.
ovandrotonum albuminum ovandrotone albumin	3-[(3,17-dioxoandrost-4-en-7 <i>α</i> -yl)thio]propionic acid, serum albumin conjugate
oxodipinum oxodipine	ethyl methyl 1,4-dihydro-2,6-dimethyl-4-[2,3-(methylenedioxy)phenyl]-3,5-pyridinedicarboxylate C <sub>19</sub> H <sub>21</sub> NO <sub>4</sub>
oxprenoas kalii oxprenoate potassium	potassium 17-hydroxy-3-oxo-7 <i>α</i> -propyl-17 <i>α</i> -pregn-4-ene-21-carboxylate C <sub>29</sub> H <sub>37</sub> KO <sub>4</sub>
pelrinonum pelrinone	1,4-dihydro-2-methyl-4-oxo-6-[(3-pyridylmethyl)amino]-5-pyrimidinecarbonitrile C <sub>12</sub> H <sub>11</sub> N <sub>5</sub> O
pentoprilum pentopril	ethyl ( <i>αR</i> , <i>γR</i> ,2 <i>S</i> )-2-carboxy- <i>α</i> , <i>γ</i> -dimethyl- <i>δ</i> -oxo-1-indolinevalerate C <sub>18</sub> H <sub>23</sub> NO <sub>3</sub>
peracloponum peraclophone	<i>p</i> -chlorobenzaldehyde (±)-( <i>E</i> )-O-[3-[4-( <i>o</i> -chlorophenyl)-1-piperazinyl]-2-hydroxypropyl]oxime C <sub>20</sub> H <sub>29</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub>
perindoprilum perindopril	(2 <i>S</i> ,3 <i>aS</i> ,7 <i>aS</i> )-1-[( <i>S</i> )- <i>N</i> -[( <i>S</i> )-1-carboxybutyl]alaninyl]hexahydro-2-indolinecarboxylic acid, 1-ethyl ester C <sub>19</sub> H <sub>32</sub> N <sub>2</sub> O <sub>3</sub>
permethrinum permethrin	<i>m</i> -phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate C <sub>21</sub> H <sub>20</sub> Cl <sub>2</sub> O <sub>3</sub>
phenothrinum phenothrin	<i>m</i> -phenoxybenzyl (±)- <i>cis</i> , <i>trans</i> -2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate C <sub>23</sub> H <sub>26</sub> O <sub>3</sub>
pimelauidum pimelauide	<i>erythro</i> -6-carbamoyl- <i>N</i> <sup>2</sup> -[ <i>N</i> -( <i>N</i> -lauroyl-L-alaninyl)-D- <i>γ</i> -glutamyl]- <i>N</i> <sup>6</sup> -glycyl-DL-lysine C <sub>28</sub> H <sub>52</sub> N <sub>6</sub> O <sub>9</sub>
pipequalinum pipequaline	2-phenyl-4-[2-(4-piperidyl)ethyl]quinoline C <sub>22</sub> H <sub>24</sub> N <sub>2</sub>
piquindonum piquindone	(±)- <i>trans</i> -3-ethyl-1,4 <i>a</i> ,5,6,7,8 <i>a</i> ,9-octahydro-2,6-dimethyl-4 <i>H</i> -pyrrolo[2,3- <i>g</i> ]isoquinolin-4-one C <sub>15</sub> H <sub>22</sub> N <sub>2</sub> O

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pirmagrelum pirmagrel	imidazo[1,5-a]pyridine-5-hexanoic acid C <sub>13</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>
pivoprilum pivopril	2,2-dimethylthiopropionic acid, S-ester with (–)-(S)-N-cyclopentyl-N-(3-mercapto-2-methylpropionyl)glycine C <sub>18</sub> H <sub>27</sub> NO <sub>4</sub> S
quazinsonum quazinone	(R)-6-chloro-1,5-dihydro-3-methylimidazo[2,1-b]quinazolin-2(3H)-one C <sub>11</sub> H <sub>10</sub> ClN <sub>3</sub> O
quinpirolum quinpirole	(–)-(4aR,8aR)-4,4a,5,6,7,8,8a,9-octahydro-5-propyl-1H-pyrazolo[3,4-g]quinoline C <sub>13</sub> H <sub>21</sub> N <sub>3</sub>
raclopridum raclopride	(–)-(S)-3,5-dichloro-N-[(1-ethyl-2-pyrrolidinyl)methyl]-6-hydroxy-o-anisamide C <sub>15</sub> H <sub>20</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>3</sub>
ralitolinum ralitoline	(Z)-6'-chloro-3-methyl-4-oxo-Δ <sup>2α</sup> -thiazolidineaceto-o-toluidide C <sub>13</sub> H <sub>13</sub> ClN <sub>2</sub> O <sub>2</sub> S
ramiprilatum ramiprilat	(2S,3aS,6aS)-1-[(S)-N-[(S)-1-carboxy-3-phenylpropyl]alanyl]octahydrocyclopenta[b]pyrrole-2-carboxylic acid C <sub>21</sub> H <sub>28</sub> N <sub>2</sub> O <sub>5</sub>
ramiprilum ramipril	(2S,3aS,6aS)-1-[(S)-N-[(S)-1-carboxy-3-phenylpropyl]alanyl]-octahydrocyclopenta[b]pyrrole-2-carboxylic acid, 1-ethyl ester C <sub>23</sub> H <sub>32</sub> N <sub>2</sub> O <sub>5</sub>
razobazamum razobazam	4,8-dihydro-3,8-dimethyl-4-phenylpyrazolo[3,4-b][1,4]diazepine-5,7(1H,6H)-dione C <sub>14</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub>
reclazepamum reclazepam	2-[7-chloro-5-(o-chlorophenyl)-2,3-dihydro-1H-1,4-benzodiazepin-1-yl]-2-oxazolin-4-one C <sub>18</sub> H <sub>13</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub>
rifabutinum rifabutin	(9S,12E,14S,15R,16S,17R,18R,19R,20S,21S,22E,24Z)-6,16,18,20-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 C <sub>48</sub> H <sub>62</sub> N <sub>4</sub> O <sub>11</sub>
rilapinum rilapine	(Z)-2-chloro-10-(4-methyl-1-piperazinyl)-5H-dibenzo-[a,d]cycloheptene-Δ <sup>5,α</sup> -acetonitrile C <sub>22</sub> H <sub>26</sub> ClN <sub>3</sub>
rokitamycinum rokitamycin	[(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-ribo-hexopyranosyl)-3-(dimethylamino)-β-D-glucopyranoside 4''-butyrate 3''-propionate C <sub>42</sub> H <sub>68</sub> NO <sub>15</sub>
roquinimexum roquinimex	1,2-dihydro-4-hydroxy-N,1-dimethyl-2-oxo-3-quinolinecarboxanilide C <sub>18</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>

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sorbinilum sorbinil	(S)-6-fluorospiro[chroman-4,4'-imidazolidine]-2',5'-dione C <sub>11</sub> H <sub>9</sub> FN <sub>2</sub> O <sub>3</sub>
spiradolinum spiradoline	(±)-2-(3,4-dichlorophenyl)-N-methyl-N-[(5R*, 7S*, 8S*)-7-(1-pyrrolidinyl)-1-oxaspiro[4.5]dec-8-yl]acetamide C <sub>22</sub> H <sub>30</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
sulicrinatum sulicrinat	[2,3-dichloro-4-(4-chloro-3-sulfamoylbenzoyl)phenoxy]acetic acid C <sub>15</sub> H <sub>10</sub> Cl <sub>3</sub> NO <sub>6</sub> S
sunagrelum sunagrel	erythro-4-cinnamoyl-α-[p-(isopropylthio)phenyl]-β-methyl-1-piperazineethanol C <sub>25</sub> H <sub>32</sub> N <sub>2</sub> O <sub>2</sub> S
tazadolenum tazadolene	(±)-1-[(E)-2-benzylidenecyclohexyl]azetidene C <sub>18</sub> H <sub>21</sub> N
tazifyllinum tazifylline	7-[2-hydroxy-3-[4-[3-(phenylthio)propyl]-1-piperazinyl]propyl]theophylline C <sub>23</sub> H <sub>32</sub> N <sub>6</sub> O <sub>3</sub> S
tenilapinum tenilapine	(E)-5-(4-methyl-1-piperazinyl)-9H-dithieno[3,4-b: 3',4'-e]-azepine-Δ <sup>9,α</sup> -acetonitrile C <sub>17</sub> H <sub>16</sub> N <sub>4</sub> S <sub>2</sub>
terbinafinum terbinafine	(E)-N-(6,6-dimethyl-2-hepten-4-ynyl)-N-methyl-1-naphthalenemethylamine C <sub>21</sub> H <sub>28</sub> N
thiocolchicosidum thiocolchicoside	2,14-di(demethoxy)-2-glucosidoxy-14-methylthiocolchicine C <sub>27</sub> H <sub>33</sub> NO <sub>10</sub> S
tiacrilastum tiacrilast	(E)-6-(methylthio)-4-oxo-3(4H)-quinazolineacrylic acid C <sub>12</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub> S
tiflucarbinum tiflucarbine	9-ethyl-4-fluoro-7,8,9,10-tetrahydro-1-methyl-6H-pyrido[4,3-b]thieno[3,2-e]indole C <sub>18</sub> H <sub>17</sub> FN <sub>2</sub> S
tioxamastum tioxamast	ethyl [4-(p-methoxyphenyl)-2-thiazolyl]oxamate C <sub>14</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub> S
tolgabidum tolgabide	(E)-4-[[5-chloro-α-(p-chlorophenyl)-3-methylsalicylidene]amino]butyramide C <sub>18</sub> H <sub>18</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
toltrazurilum toltrazuril	1-methyl-3-[4-[p-[(trifluoromethyl)thio]phenoxy]-m-tolyl]-s-triazine-2,4,6(1H,3H,5H)-trione C <sub>18</sub> H <sub>14</sub> F <sub>3</sub> N <sub>3</sub> O <sub>4</sub> S
tomoxiprolum tomoxiprole	3-isopropyl-2-(p-methoxyphenyl)-3H-naphth[1,2-d]imidazole C <sub>21</sub> H <sub>20</sub> N <sub>2</sub> O
toremifenum toremifene	2-[p-[(Z)-4-chloro-1,2-diphenyl-1-butenyl]phenoxy]-N,N-dimethylethylamine C <sub>26</sub> H <sub>28</sub> ClNO

<i>Recommended international Nonproprietary Name (Latin, English)</i>	<i>Chemical Name or Description and Molecular Formulae</i>
trandolaprilum trandolapril	(2 <i>S</i> ,3 <i>aR</i> ,7 <i>aS</i> )-1-[( <i>S</i> )- <i>N</i> -[( <i>S</i> )-1-carboxy-3-phenylpropyl]alanyl]hexahydro-2-indolinecarboxylic acid, 1-ethyl ester C <sub>24</sub> H <sub>34</sub> N <sub>2</sub> O <sub>5</sub>
trecadrinum trecadrine	(1 <i>R</i> ,2 <i>S</i> )- $\alpha$ -[1-[[2-(10,11-dihydro-5 <i>H</i> -dibenzo[ <i>a,d</i> ]cyclohepten-5-ylidene)ethyl]-methylamino]ethyl]benzyl alcohol C <sub>27</sub> H <sub>29</sub> NO
trifenagrelum trifenagrel	2-[ <i>o</i> -[2-(dimethylamino)ethoxy]phenyl]-4,5-diphenylimidazole C <sub>25</sub> H <sub>25</sub> N <sub>3</sub> O
trospetomycinum trospetomycin	(2 <i>R</i> ,4 <i>aR</i> ,5 <i>aR</i> ,6 <i>S</i> ,7 <i>S</i> ,8 <i>R</i> ,9 <i>S</i> ,9 <i>aR</i> ,10 <i>aS</i> )-2-butyldecahydro-4 <i>a</i> ,7,9-trihydroxy-6,8-bis(methylamino)-4 <i>H</i> -pyrano[2,3- <i>b</i> ][1,4]benzodioxin-4-one C <sub>17</sub> H <sub>30</sub> N <sub>2</sub> O <sub>7</sub>
tubulozolum tubulozole	ethyl (±)- <i>cis-p</i> -[[[2-(2,4-dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methyl]thio]carbanilate C <sub>23</sub> H <sub>23</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>4</sub> S
vigabatrinum vigabatrin	4-amino-5-hexenoic acid C <sub>6</sub> H <sub>11</sub> NO <sub>2</sub>
viprostolum viprostol	(±)-methyl (Z)-7-[(1 <i>R</i> ,2 <i>R</i> ,3 <i>R</i> )-2-[( <i>E</i> )-(4 <i>RS</i> )-4-butyl-4-hydroxy-1,5-hexadienyl]-3-hydroxy-5-oxocyclopentyl]-5-heptenoate C <sub>23</sub> H <sub>38</sub> O <sub>5</sub>
zimidobenum zimidoben	2-imidazol-1-ylethyl benzoate or imidazole-1-ethanol benzoate (ester) C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>
zolpidemum zolpidem	<i>N,N</i> ,6-trimethyl-2- <i>p</i> -tolylimidazo[1,2- <i>a</i> ]pyridine-3-acetamide C <sub>18</sub> H <sub>21</sub> N <sub>3</sub> O
zonisamidum zonisamide	1,2-benzisoxazole-3-methanesulfonamide C <sub>8</sub> H <sub>5</sub> N <sub>2</sub> O <sub>3</sub> S

## AMENDMENTS TO PREVIOUS LISTS

Vol. 19, Nos 4, 5, 6

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

#### *delete*

- p. 10    interferonum                      a protein formed by the interaction of animal cells with viruses capable of  
          interferon                        conferring on animal cells resistance to virus infection

#### *insert*

interferonum alfa  
interferon alfa

**Interferon alfa:** A secreted protein, known previously as leucocyte interferon or lymphoblastoid interferon, that is produced according to the information coded by a species of interferon gene and that exerts non-specific antiviral activity at least in homologous cells through cellular metabolic processes involving synthesis of both ribonucleic acid and protein. Sub-species of the human alfa gene produce protein variants designated by the hyphenated addition of a number, e.g., interferon alfa-2, or in the case of a mixture of proteins, by an alphanumeric designation e.g., N1, N2 etc. The numbers conform with the recommendations of the Interferon Nomenclature Committee; the alphanumeric designations will be assigned by the World Health Organization on request.

In the case of interferon alfa-2 it is necessary to qualify the number by a letter depending on the amino-acid group occupying positions 23 and 34 respectively in the peptide chain:

	Positions	
	23	34
alfa-2a	Lys	His
alfa-2b	Arg	His
alfa-2c	Arg	Arg

Further assignments will be made by the World Health Organisation on request.

interferonum beta  
interferon beta

**Interferon beta:** A secreted protein, known previously as fibroblast interferon, that is produced according to the information coded by a species of interferon gene and that exerts non-specific antiviral activity at least in homologous cells through cellular metabolic processes involving synthesis of both ribonucleic acid and protein.

interferonum gamma  
interferon gamma

**Interferon gamma:** A secreted protein, known previously as immune interferon, that is produced according to the information coded by a species of interferon gene and that exerts non-specific antiviral activity at least in homologous cells through cellular metabolic processes involving synthesis of both ribonucleic acid and protein.

# AMENDMENTS TO PREVIOUS LISTS

Vol. 21, N° 12

## Recommended International Nonproprietary Names (Rec. INN): List 7

- |        |                                 |   |
|--------|---------------------------------|---|
| p. 541 | colestyraminum<br>colestyramine | <i>replace definition by:</i><br>A styrene-divinylbenzene copolymer containing quaternary ammonium groups. Each colestyramine name is followed by a number e.g. colestyramine 20, 25 etc. The number divided by 10 indicates the approximative percentage of divinylbenzene |
|--------|---------------------------------|---|

Supplement to Vol. 36, N° 6

## Recommended International Nonproprietary Names (Rec. INN): List 22

- |      |                             |   |
|------|-----------------------------|---|
| p. 4 | lortalaminum<br>lortalamine | <i>replace chemical name by:</i><br>$(\pm)$ -(4a <i>R</i> *,10 <i>R</i> *,10a <i>S</i> *)-8-chloro-1,2,3,4,10,10a-hexahydro-2-methyl-4a,10-(iminoethano)-4- <i>aH</i> -[1]benzopyrano[3,2- <i>c</i> ]pyridin-12-one |
|------|-----------------------------|---|

Supplement to Vol. 38, N° 6

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

- |       |                               |  |
|-------|-------------------------------|--|
| p. 8  | oxacillinum<br>oxacillin      | <i>insert the following chemical name:</i><br>(2 <i>S</i> ,5 <i>R</i> ,6 <i>R</i> )-3,3-dimethyl-6-(5-methyl-3-phenyl-2-isoxazoline-4-carboxamido)-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid |
|       | <i>delete</i>                 | <i>insert</i>  |
| p. 10 | trazolopridum<br>trazalopride | trazolopridum<br>trazolopride  |