

INTERNATIONAL NONPROPRIETARY NAMES FOR PHARMACEUTICAL SUBSTANCES

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 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. I.N.N.*): LIST 10²

<i>Recommended International Non-Proprietary Name (Latin, English)</i>	<i>Chemical Name or Description and Molecular Formula</i>
acedapsonum acedapsone	4', 4''-sulfonylbis[acetanilide] $C_{16}H_{15}N_2O_4S$
acequinolinum acequinoline	7-methoxy-2,4-dimethyl-3-quinolyl methyl ketone $C_{14}H_{15}NO_2$
acidum arsanilicum arsanilic acid	<i>p</i> -aminobenzenearsonic acid $C_6H_7AsNO_3$
acidum bensuldazicum bensuldazic acid	5-benzylidihydro-6-thioxo-2 <i>H</i> -1,3,5-thiadiazine-3(4 <i>H</i>)-acetic acid $C_{12}H_{14}N_2O_2S_2$
acidum difenoxilicum difenoxilic acid	1-(3-cyano-3,3-diphenylpropyl)-4-phenylisonipecotic acid $C_{26}H_{21}N_3O_2$
acidum etidronicum etidronic acid	(1-hydroxyethylidene)diphosphonic acid $C_2H_5O_7P_2$
acidum fenafticum fenaftic acid	1-(diethylcarbamoyl)-1,2,3,4,5,6,7,8-octahydro-6,6-dimethyl-8-oxo-3-phenyl-2-naphthoic acid $C_{24}H_{21}NO_4$
acidum fenclozicum fenclozic acid	2-(<i>p</i> -chlorophenyl)-4-thiazoleacetic acid $C_{11}H_8ClNO_2S$
acidum flavodicum flavodic acid	[(4-oxo-2-phenyl-4 <i>H</i> -1-benzopyran-5,7-diyl)dioxy]diacetic acid $C_{18}H_{14}O_8$
acidum gamolenicum gamolenic acid	(<i>Z,Z,Z</i>)-6,9,12-octadecatrienoic acid $C_{18}H_{30}O_2$
acidum hopantenicum hopantenic acid	D-(+)-4-(2,4-dihydroxy-3,3-dimethylbutyramido)butyric acid $C_{16}H_{25}NO_5$
acidum iocarmicum iocarmic acid	5,5'-(adipoyldiimino)bis[2,4,6-triiodo- <i>N</i> -methylisophthalamide] acid $C_{24}H_{20}I_6N_4O_4$
acidum iotrizoicum iotrizoic acid	2,4,6-triiodo-3-[2-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]-ethoxy]acetamido]benzoic acid $C_{18}H_{24}I_3NO_8$

¹ *Off. Rec. Wild 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. Wild 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

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acidum ioxitalamicum ioxitalamic acid	5-acetamido- <i>N</i> -(2-hydroxyethyl)-2,4,6-trilodoisophthamic acid $C_{12}H_{11}I_3N_2O_5$
acidum oxiniacicum oxiniac acid	nicotinic acid 1-oxide $C_6H_5NO_3$
acroninum acronine	3,12-dihydro-6-methoxy-3,3,12-trimethyl-7 <i>H</i> -pyrano[2,3- <i>c</i>]acridin-7-one $C_{26}H_{18}NO_3$
alclofenacum alclofenac	[4-(allyloxy)-3-chlorophenyl]acetic acid $C_{11}H_{11}ClO_3$
algestonum algestone	16 α ,17-dihydroxypregn-4-ene-2,3 α -dione $C_{21}H_{30}O_4$
aminoquinolum aminoquinol	7-chloro-2-(<i>o</i> -chlorostyryl)-4-[[4-(diethylamino)-1-methylbutyl]-amino]quinoline $C_{24}H_{21}Cl_2N_3$
amoproxanum amoproxan	α -(isopentylloxymethyl)-4-morpholineethanol 3,4,5-trimethoxybenzoate (ester) $C_{22}H_{29}NO_7$
bamethanum bamethan	α -(butylaminomethyl)- <i>p</i> -hydroxybenzyl alcohol $C_{12}H_{19}NO_2$
beclometasoni dipropionas beclometasone dipropionate	9-chloro-11 β ,17,21-trihydroxy-16 β -methylpregna-1,4-diene-3,20-dione, 17,21-dipropionate $C_{28}H_{37}ClO_7$
beloxamidum beloxamide	<i>N</i> -(benzyloxy)- <i>N</i> -(3-phenylpropyl)acetamide $C_{18}H_{21}NO_2$
bendazacum bendazac	[(1-benzyl-1 <i>H</i> -indazol-3-yl)oxy]acetic acid $C_{16}H_{14}N_2O_3$
benoxafosum benoxafos	<i>S</i> -[(5,7-dichlorobenzoxazol-2-yl)methyl] <i>O,O</i> -diethyl phosphorodithioate $C_{12}H_{14}Cl_2NO_3PS_2$
bevonii metilsulfas bevonium metilsulfate	2-(hydroxymethyl)-1,1-dimethylpiperidinium methyl sulfate benzilate $C_{23}H_{31}NO_7S$
biniramycinum biniramycin	an antibiotic obtained from cultures of <i>Streptomyces bikiniensis</i> variant, or the same substance produced by any other means
brinasum brinase	fibrinolytic enzyme derived from <i>Aspergillus oryzae</i>
bromazepamum bromazepam	7-bromo-1,3-dihydro-5-(2-pyridyl)-2 <i>H</i> -1,4-benzodiazepin-2-one $C_{14}H_{10}BrN_2O$
bromociclenum bromociclen	5-(bromomethyl)-1,2,3,4,7,7-hexachloro-2-norbornene $C_6H_5BrCl_5$
bucrilatum bucrilate	isobutyl 2-cyanoacrylate $C_8H_{11}NO_2$
bufeniodum bufeniodol	4-hydroxy-3,5-diiodo- α -[1-[(1-methyl-3-phenylpropyl)amino]ethyl]benzyl alcohol $C_{19}H_{23}I_2NO_2$
bunololum bunolol	\pm)-5-[3-(<i>tert</i> -butylamino)-2-hydroxypropoxy]-3,4-dihydro-1(2 <i>H</i>)-naphthalenone $C_{17}H_{23}NO_3$
calci glubionas calcium glubionate	(<i>D</i> -gluconato) (lactobionato)calcium monohydrate $C_{12}H_{21}O_{12} \cdot C_6H_{11}O_7 \cdot Ca \cdot H_2O$
calusteronum calusterone	17 β -hydroxy-7 β ,17-dimethylandroster-4-en-3-one $C_{21}H_{32}O_2$
cannabinolum cannabinol	6,6,9-trimethyl-3-pentyl-6 <i>H</i> -dibenzo[<i>b,d</i>]pyran-1-ol $C_{21}H_{28}O_2$

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carbifenum carbifene	2-ethoxy- <i>N</i> -methyl- <i>N</i> -[2-(methylphenethylamino)ethyl]-2,2-diphenyl- acetamide $C_{23}H_{31}N_2O_2$
carbofenotionum carbofenotion	5-[[<i>p</i> -chlorophenylthio]methyl] <i>O,O</i> -diethyl phosphorodithioate $C_{11}H_{15}ClO_2PS_2$
carpronil chloridum carpronium chloride	(3-carboxypropyl)trimethylammonium chloride, methyl ester $C_8H_{14}ClNO_2$
cellaburatum cellaburate	cellulose acetate butyrate
chromocarbum chromocarb	4-oxo-4 <i>H</i> -1-benzopyran-2-carboxylic acid $C_{10}H_6O_4$
cicliomenolum cicliomenol	2-cyclohexyl-4-iodo-3,5-xenol $C_{14}H_{19}IO$
cinoxatum cinoxate	2-ethoxyethyl <i>p</i> -methoxycinnamate $C_{14}H_{18}O_4$
ciproquinatum ciproquinatate	ethyl 6,7-bis(cyclopropylmethoxy)-4-hydroxy-3-quinolinecarboxylate $C_{26}H_{33}NO_5$
clemastinum clemastine	(+)-2-[2-[(<i>p</i> -chloro- α -methyl- α -phenylbenzyl)oxy]-ethyl]-1-methyl- pyrrolidine $C_{21}H_{29}ClNO$
clofenvinfosum clofenvinfos	2-chloro-1-(2,4-dichlorophenyl)vinyl diethyl phosphate $C_{12}H_{14}Cl_3O_4P$
clonazepamum clonazepam	5-(<i>o</i> -chlorophenyl)-1,3-dihydro-7-nitro-2 <i>H</i> -1,4-benzodiazepin-2-one $C_{15}H_{10}ClN_2O_3$
clonixerilum clonixeril	2,3-dihydroxypropyl 2-(3-chloro- <i>o</i> -toluidino)nicotinate $C_{18}H_{17}ClN_2O_4$
clonixinum clonixin	2-(3-chloro- <i>o</i> -toluidino)nicotinic acid $C_{15}H_{11}ClN_2O_2$
clorgilinum clorgiline	<i>N</i> -[3-(2,4-dichlorophenoxy)propyl]- <i>N</i> -methyl-2-propynylamine $C_{15}H_{15}Cl_2NO$
clorterminum clortermine	<i>o</i> -chloro- α,α -dimethylphenethylamine $C_{10}H_{14}ClN$
closiramimum closiramine	8-chloro-11-[2-(dimethylamino)ethyl]-6,11-dihydro-5 <i>H</i> -benzo[5,6]- cyclohepta[1,2- <i>b</i>]pyridine $C_{18}H_{21}ClN_2$
clostebolum clostebol	4-chloro-17 β -hydroxyandrost-4-en-3-one $C_{18}H_{27}ClO_2$
clozapinum clozapine	8-chloro-11-(4-methyl-1-piperazinyl)-5 <i>H</i> -dibenzo[<i>b,e</i>][1,4]diazepine $C_{18}H_{19}ClN_4$
cofisatinum cofisatin	3,3-bis(<i>p</i> -hydroxyphenyl)-2-Indolinone 3,7,12-trioxo-5 β -cholan-24-oic acid diester $C_{58}H_{78}NO_{11}$
colestipolum colestipol	tetraethylenepentamine polymer with 1-chloro-2,3-epoxypropane
delmadinonum delmadinone	6-chloro-17-hydroxypregna-1,4,6-triene-3,20-dione $C_{21}H_{32}ClO_2$
demoxepamum demoxepam	7-chloro-1,3-dihydro-5-phenyl-2 <i>H</i> -1,4-benzodiazepin-2-one 4-oxide $C_{19}H_{17}ClN_2O_2$
demoxytocinum demoxytocin	1-(3-mercaptopropionic acid)-oxytocin $C_{63}H_{105}N_{11}O_{12}S_2$
dexbenzetimidum dexbenzetimide	(+)-2-(1-benzyl-4-piperidyl)-2-phenylglutarimide $C_{23}H_{28}N_2O_2$

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diamocainum diamocalne	1-(2-anilinoethyl)-4-[2-(diethylamino)ethoxy]-4-phenylpiperidine $C_{25}H_{37}N_3O$
diethadionum diethadione	5,5-diethyldihydro-2 <i>H</i> -1,3-oxazine-2,4(3 <i>H</i>)-dione $C_8H_{13}NO_3$
dietifenum dietifen	4-[2-(diethylamino)ethoxy]phenyl phenethyl ketone $C_{21}H_{27}NO_2$
dilazepum dilazep	tetrahydro-1 <i>H</i> -1,4-diazepine-1,4(5 <i>H</i>)-dipropanol 3,4,5-trimethoxy- benzoate (diester) $C_{31}H_{44}N_2O_{10}$
dinitolmidum dinitolmide	3,5-dinitro- <i>o</i> -toluamide $C_8H_7N_3O_5$
diproqualonum diproqualone	3-(2,3-dihydroxypropyl)-2-methyl-4(3 <i>H</i>)-quinazolinone $C_{12}H_{14}N_2O_3$
edogestronum edogestrone	17-hydroxy-6-methylpregn-5-ene-3,20-dione cyclic 3-(ethylene acetal) acetate $C_{30}H_{48}O_5$
enestebolum enestebol	4,17β-dihydroxy-17-methylandrosta-1,4-dien-3-one $C_{28}H_{42}O_3$
enpromatum enpromate	1,1-diphenyl-2-propynyl cyclohexanecarbamate $C_{22}H_{23}NO_2$
enramycinum enramycin	enduracidin; an antibiotic obtained from cultures of <i>Streptomyces fungicidicus</i> No. B 5477, or the same substance produced by any other means
epimestrolum epimestrol	3-methoxyestra-1,3,5(10)-triene-16α,17α-diol $C_{18}H_{26}O_3$
eprozinolum eprozinol	4-(β-methoxyphenethyl)-α-phenyl-1-piperazinepropanol $C_{22}H_{30}N_2O_2$
esculaminum esculamine	8-[[bis(2-hydroxyethyl)amino]methyl]-6,7-dihydroxy-4-methyl- coumarin $C_{15}H_{18}NO_4$
etipirii iodidum etipirium iodide	1-(2-hydroxyethyl)-1-methylpyrrolidinium iodide benzilate (ester) $C_{21}H_{28}INO_3$
etoxadrolum etoxadrol	(+)-2-(2-ethyl-2-phenyl-1,3-dioxolan-4-yl)piperidine $C_{16}H_{23}NO_2$
euprocinum euprocin	0 ⁹ -isopentylhydrocupreine $C_{24}H_{34}N_2O_2$
famotinum famotine	1-[(<i>p</i> -chlorophenoxy)methyl]-3,4-dihydroisoquinoline $C_{16}H_{14}ClNO$
fenclofosum fenclofos	<i>O,O</i> -dimethyl <i>O</i> -(2,4,5-trichlorophenyl) phosphorothioate $C_8H_8Cl_3O_3PS$
feniodii chloridum feniodium chloride	bis(2,4-dichlorophenyl)iodonium chloride $C_{12}H_8Cl_4I$
fenticlorum fenticlor	2,2'-thiobis(4-chlorophenol) $C_{12}H_8Cl_2O_2S$
fepromidum fepromide	3,4,5-trimethoxy- <i>N</i> -[1-(phoxymethyl)-2-(1-pyrrolidinyl)ethyl] benzamide $C_{23}H_{30}N_2O_5$
flucloroloni acetamidum fluclorolone acetamide	9,11β-dichloro-6α-fluoro-16α,17,21-trihydroxypregna-1,4-diene- 3,20-dione cyclic 16,17-acetal with acetone $C_{24}H_{28}Cl_2FO_5$
flucrilatum flucrilate	2,2,2-trifluoro-1-methylethyl 2-cyanoacrylate $C_7H_5F_3NO_2$

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flucytosinum flucytosine	5-fluorocytosine $C_4H_4FN_3O$
flufenisalum flufenisal	4'-fluoro-4-hydroxy-3-biphenylcarboxylic acid acetate $C_{15}H_{11}FO_4$
flunarizinum flunarizine	1-cinnamyl-4-[bis(<i>p</i> -fluorophenyl)methyl]piperazine $C_{25}H_{24}F_2N_4$
flutiazinum flutiazin	8-(trifluoromethyl)phenothiazine-1-carboxylic acid $C_{14}H_8F_3NO_2S$
ftormetazinum ftormetazine	10-[3-(4-methyl-1-piperazinyl)propionyl]-2-(trifluoromethyl)pheno- thiazine $C_{21}H_{22}F_3N_3OS$
ftorpropazinum ftorpropazine	10-[3-[4-(2-hydroxyethyl)-1-piperazinyl]propionyl]-2-(trifluoromethyl)- phenothiazine $C_{22}H_{24}F_3N_3O_2S$
gestaclonum gestaclone	17 β -acetyl-6-chloro-1 β ,1a,2 β ,8 β ,9a,10,11,12,13,14a,15,16 β ,16a,17-tetra- decahydro-10 β ,13 β -dimethyl-3 <i>H</i> -dicyclopropa[1,2:16,17]cyclopenta[a]- phenanthren-3-one $C_{23}H_{27}ClO_2$
gestadienolum gestadienol	17-hydroxy-19-norpregna-4,6-diene-3,20-dione $C_{26}H_{42}O_3$
glibornuridum glibornuride	1-(2- <i>endo</i> -hydroxy-3- <i>endo</i> -bornyl)-3-(<i>p</i> -tolylsulfonyl)urea $C_{18}H_{26}N_2O_4S$
guamecyclinum guamecycline	<i>N</i> -[[4-(amidinoamidino)-1-piperazinyl]methyl]-4-(dimethylamino)- 1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl- 1,11-dioxo-2-naphthacenecarboxamide $C_{28}H_{38}N_8O_8$
hepronicatum hepronicate	2-hexyl-2-(hydroxymethyl)-1,3-propanediol trinitotinate $C_{26}H_{31}N_3O_6$
hydrotalcitum hydrotalcite	aluminum magnesium hydroxide carbonate hydrate $Mg_6Al_2(OH)_{16}CO_3 \cdot 4H_2O$
lfosfamidum lfosfamide	3-(2-chloroethyl)-2-[(2-chloroethyl)amino]tetrahydro-2 <i>H</i> -1,3,2- oxazaphosphorin 2-oxide $C_7H_{15}Cl_2N_2O_2P$
indrillinum indriline	<i>N,N</i> -dimethyl-1-phenylindene-1-ethylamine $C_{19}H_{21}N$
joramycinum josamycin	a macrolide antibiotic obtained from cultures of <i>Streptomyces narbo-</i> <i>nensis</i> var. <i>josamyceticus</i> var. <i>nova</i> , or the same substance produced by any other means
kallidinogenasum kallidinogenase	an enzyme isolated from the pancreas or urine of mammals
ketoxalum ketoxal	3-ethoxy-1,1-dihydroxy-2-butanone $C_6H_{12}O_4$
lorazepamum lorazepam	7-chloro-5-(<i>o</i> -chlorophenyl)-1,3-dihydro-3-hydroxy-2 <i>H</i> -1,4-benzo- diazepin-2-one $C_{15}H_{10}Cl_2N_2O_2$
loxapinum loxapine	2-chloro-11-(4-methyl-1-piperazinyl)dibenz[<i>b,f</i>][1,4]oxazepine $C_{18}H_{18}ClN_3O$
mebolazinum mebolazine	17 β -hydroxy-2a,17-dimethyl-5a-androstan-3-one azine $C_{32}H_{46}N_2O_2$
mecrilatum mecrilate	methyl 2-cyanoacrylate $C_5H_5NO_2$

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meglucyclinum meglucycline	2-deoxy-2-[[[4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene-carboxamido]methyl]amino]- β -D-glucopyranose $C_{26}H_{37}N_3O_{13}$
menitrazepamum menitrazepam	5-(1-cyclohexen-1-yl)-1,3-dihydro-1-methyl-7-nitro-2 <i>H</i> -1,4-benzodiazepin-2-one $C_{16}H_{17}N_3O_3$
mepiroxolum mepiroxol	3-pyridinemethanol 1-oxide $C_5H_7NO_2$
mesna mesna	sodium 2-mercaptoethanesulfonate $C_2H_5NaO_3S_2$
metacetamololum metacetamol	3'-hydroxyacetanilide $C_9H_9NO_2$
metiapinum metiapine	2-methyl-11-(4-methyl-1-piperazinyl)dibenzo[<i>b,f</i>][1,4]thiazepine $C_{19}H_{21}N_3S$
metizolinum metizoline	2-[(2-methylbenzo[<i>b</i>]thien-3-yl)methyl]-2-imidazoline $C_{13}H_{14}N_2S$
metrifudilum metrifudil	<i>N</i> -(<i>o</i> -methylbenzyl)adenosine $C_{18}H_{21}N_5O_4$
mezepinum mezepine	5,6-dihydro-5-[3-(methylamino)propyl]-11 <i>H</i> -dibenz[<i>b,e</i>]azepine $C_{18}H_{22}N_2$
miconazolum miconazole	1-[2,4-dichloro- β -[(2,4-dichlorobenzyl)oxy]phenethyl]imidazole $C_{12}H_{11}Cl_4N_2O$
monensinum monensin	2-[5-ethyltetrahydro-5-[tetrahydro-3-methyl-5-[tetrahydro-6-hydroxy-6-(hydroxymethyl)-3,5-dimethylpyran-2-yl]-2-furyl]-2-furyl]-9-hydroxy- β -methoxy- α,γ ,2,8-tetramethyl-1,6-dioxaspiro[4,5]decane-7-butyric acid $C_{36}H_{62}O_{11}$
niceritrolum niceritrol	pentaerythritol tetranicotinate $C_{28}H_{42}N_4O_8$
nicomolum nicomol	2-hydroxy-1,1,3,3-cyclohexanetetramethanol 1,1,3,3-tetranicotinate $C_{34}H_{42}N_4O_9$
nifenalolum nifenalol	α -[(isopropylamino)methyl]- <i>p</i> -nitrobenzyl alcohol $C_{11}H_{16}N_2O_3$
nifuramazolum nifurmazole	3-(hydroxymethyl)-1-[[[3-(5-nitro-2-furyl)allylidene]amino]hydantoin $C_{11}H_{10}N_4O_6$
nifurpirinolum nifurpirinol	6-[2-(5-nitro-2-furyl)vinyl]-2-pyridinemethanol $C_{12}H_{10}N_2O_4$
norclostebolium norclostebol	4-chloro-17 β -hydroxyestr-4-en-3-one $C_{18}H_{26}ClO_2$
ocrilatolum ocrilate	octyl 2-cyanoacrylate $C_{22}H_{34}NO_2$
ornipressinum ornipressine	8-ornithinevasopressin $C_{45}H_{63}N_{13}O_{12}S_2$
oxetoronum oxetorone	<i>N,N</i> -dimethylbenzofuro[3,2- <i>c</i>][1]benzoxepin-16(12 <i>H</i>), γ -propylamine $C_{21}H_{21}NO_2$
oxibetainum oxibetaine	(carboxymethyl)dimethyl(2-hydroxyethyl)ammonium hydroxide inner salt $C_6H_{13}NO_3$
oxisuranum oxisuran	(methylsulfinyl)methyl 2-pyridyl ketone $C_8H_9NO_2S$

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penimocyclinum penimocycline	6-[2-[[[4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamido]-methyl]amino]-2-phenylacetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid $C_{38}H_{43}N_5O_{12}S$
perlapinum perlapine	6-(4-methyl-1-piperazinyl)morphanthridine $C_{19}H_{27}N_3$
pexantelum pexantel	1-(cyclohexylcarbonyl)-4-methylpiperazine $C_{12}H_{22}N_2O$
piclopastinum piclopastine	2-[2-[4-(<i>p</i> -chloro- α -2-pyridylbenzyl)-1-piperazinyl]ethoxy]ethanol $C_{26}H_{28}ClN_2O_2$
piperamidum piperamide	4'-[4-[3-(dimethylamino)propyl]-1-piperazinyl]acetanilide $C_{17}H_{28}N_4O$
piribedilum piribedil	2-(4-piperonyl-1-piperazinyl)pyrimidine $C_{16}H_{18}N_4O_2$
pivampicillinum pivampicillin	D-6-(2-amino-2-phenylacetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid hydroxymethyl ester, pivalate (ester) $C_{22}H_{28}N_2O_6S$
pizotifenum pizotifen	4-(9,10-dihydro-4 <i>H</i> -benzo[4,5]cyclohepta[1,2- <i>b</i>]thien-4-ylidene)-1-methylpiperidine $C_{16}H_{21}NS$
podilfenum podilfen	1-[α -methyl-3,4-(methylenedioxy)phenethyl]-4-(4-methyl-2-thiazolyl)-piperazine $C_{18}H_{23}N_3O_2S$
poligeenanum poligeenan	sulfated polyholoside obtained by limited hydrolysis of carragheenan from red algae
prajmalii bitartras prajmalium bitartrate	<i>N</i> -propylajmalinium hydrogen tartrate $C_{17}H_{25}N_2O_4$
prazosinum prazosin	1-(4-amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furoyl)piperazine $C_{18}H_{21}N_5O_4$
prednazolinum prednazoline	11 β ,17,21-trihydroxypregna-1,4-diene-3,20-dione 21-(di- <i>H</i> phosphate) compound with 2-[(2-isopropylphenoxy)methyl]-2-imidazoline $C_{21}H_{28}O_4P \cdot C_{15}H_{18}N_2O$
prospidii chloridum prospidium chloride	3,12-bis(3-chloro-2-hydroxypropyl)-3,12-diaza-6,9-diazoniadispiro-[5.2.5.2]hexadecane dichloride $C_{18}H_{34}Cl_4N_4O_2$
resorantelum resorantel	4'-bromo- γ -resorcylanilide $C_{13}H_{10}BrNO_2$
ritodrinum ritodrine	<i>p</i> -hydroxy- α -[1-[(<i>p</i> -hydroxyphenethyl)amino]ethyl]benzyl alcohol $C_{17}H_{21}NO_3$
rizolipasum rizolipase	lipase of <i>Rhizopus arrhizus</i> var. Delemar
salazodinum salazodine	5-[[<i>p</i> -[(6-methoxy-3-pyridazinyl)sulfamoyl]phenyl]azo]salicylic acid $C_{18}H_{15}N_5O_6S$
salmefamolum salmefamol	α -[<i>p</i> -methoxy- α -methylphenethylamino)methyl]-4-hydroxy- <i>m</i> -xylene- α , α' -diol $C_{18}H_{23}NO_4$
simfibratum simfibrate	2-(<i>p</i> -chlorophenoxy)-2-methylpropionic acid trimethylene ester $C_{23}H_{26}Cl_2O_6$
sucralfatum sucralfate	sucrose hydrogen sulfate basic aluminum salt

<i>Recommended International Non-Proprietary Name (Latin, English)</i>	<i>Chemical Name or Description and Molecular Formula</i>
sulfaguanolum sulfaguanole	<i>N'</i> -(4,5-dimethyl-2-oxazolyl)amidino)sulfanilamide C ₁₂ H ₁₅ N ₅ O ₂ S
temazepamum temazepam	7-chloro-1,3-dihydro-3-hydroxy-1-methyl-5-phenyl-2 <i>H</i> -1,4-benzodiazepin-2-one C ₁₆ H ₁₃ ClN ₂ O ₂
terbutalinum terbutaline	α -[(<i>tert</i> -butylamino)methyl]-3,5-dihydroxybenzyl alcohol C ₁₂ H ₁₉ NO ₃
tesimidum tesimide	4-benzylidene-5,6,7,8-tetrahydro-1,3(2 <i>H</i> ,4 <i>H</i>)-isoquinolinedione C ₁₆ H ₁₅ NO ₂
tetramisolum tetramisole	(\pm)-2,3,5,6-tetrahydro-6-phenylimidazo[2,1- <i>b</i>]thiazole C ₁₁ H ₁₂ N ₂ S
tibolonum tibolone	17-hydroxy-7 α -methyl-19-nor-17 α -pregn-5(10)-en-20-yn-3-one or 17 α -ethynyl-17-hydroxy-7 α -methyl-5(10)-estren-3-one C ₂₁ H ₃₂ O ₂
ticitatonum ticitatone	6-chloro-1,2-benzisothiazolin-3-one C ₇ H ₄ ClNOS
tiforminum tiformin	4-guanidinobutyramide C ₆ H ₁₂ N ₄ O
tiletaminum tiletamine	2-(ethylamino)-2-(2-thienyl)cyclohexanone C ₁₂ H ₁₇ NOS
tiprenololum tiprenolol	1-(isopropylamino)-3-[<i>o</i> -(methylthio)phenoxy]-2-propanol C ₁₃ H ₂₁ NO ₂ S
tolmetinum tolmetin	1-methyl-5- <i>p</i> -toluoylpyrrole-2-acetic acid C ₁₅ H ₁₅ NO ₃
trazodonum trazodone	2-[3-[4-(<i>m</i> -chlorophenyl)-1-piperazinyl]propyl]- <i>s</i> -triazolo[4,3- <i>a</i>]- pyridin-3(2 <i>H</i>)-one C ₁₈ H ₂₂ ClN ₅ O
trengestonum trengestone	6-chloro-9 β ,10 α -pregna-1,4,6-triene-3,20-dione C ₂₁ H ₃₂ ClO ₂
triclofyllinum triclofylline	7-[2-(2,2,2-trichloro-1-hydroxyethoxy)ethyl]theophylline C ₁₁ H ₁₃ Cl ₃ N ₄ O ₄
trimebutinum trimebutine	β -(dimethylamino)- β -ethylphenethyl alcohol 3,4,5-trimethoxybenzoate (ester) C ₂₂ H ₂₉ NO ₅
trofosamidum trofosamide	3-(2-chloroethyl)-2-[bis(2-chloroethyl)amino]tetrahydro-2 <i>H</i> -1,3,2- oxazaphosphorin 2-oxide C ₆ H ₁₀ Cl ₂ N ₂ O ₂ P
truxicuriu <i>i</i> iodidum truxicurium iodide	diethyl(3-hydroxypropyl)methylammonium iodide α -2,4-diphenyl- 1,3-cyclobutanedicarboxylate C ₃₄ H ₃₂ I ₂ N ₂ O ₄
truxipicuriu <i>i</i> iodidum truxipicurium iodide	1-ethyl-1-(3-hydroxypropyl)piperidinium iodide α -2,4-diphenyl- 1,3-cyclobutanedicarboxylate C ₃₃ H ₃₀ I ₂ N ₂ O ₄
vidarabinum vidarabine	9- β -D-arabinofuranosyladenine C ₂₅ H ₁₉ N ₅ O ₄
vincaminum vincamine	an alkaloid obtained from <i>Vinca minor</i> C ₂₁ H ₂₃ N ₃ O ₂
xibornolum xibornol	6-isobornyl-3,4-xlenol C ₁₅ H ₂₅ O

*Recommended International
Non-Proprietary Name
(Latin, English)*

*Chemical Name or Description
and Molecular Formula*

xipamidum	4-chloro-5-sulfamoyl-2',6'-salicyloxyldide
xipamide	$C_{15}H_{15}ClN_2O_4S$
xipranololum	1-(di-2,6-xylylmethoxy)-3-(isopropylamino)-2-propanol
xipranolol	$C_{23}H_{33}NO_2$

AMENDMENTS TO PREVIOUS LISTS

Vol. 9, No. 6

RECOMMENDED INTERNATIONAL NONPROPRIETARY NAMES (*Rec. I.N.N.*): LIST 1

p. 187:	<i>delete</i>	<i>insert</i>
	diaphenylsulfonum	dapsonum
	diaphenylsulfone	dapsone
p. 192:	<i>delete</i>	
	phenododecinium	dodecyldimethyl-2-phenoxyethylammonium
	phenododecinium	
	<i>insert</i>	
	domipheni bromidum	dodecyldimethyl(2-phenoxyethyl)ammonium bromide
	domiphen bromide	

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RECOMMENDED INTERNATIONAL NONPROPRIETARY NAMES (*Rec. I.N.N.*): LIST 3

p. 468:	<i>delete</i>	
	leucovorinum	5-formyl-5,6,7,8-tetrahydropteroylglutamic acid
	leucovorin	
	<i>insert</i>	
	calcii folinas	calcium <i>N</i> -[p-[[[(2-amino-5-formyl-5,6,7,8-tetrahydro-4-hydroxy-6-pteridiny)]methyl]amino]benzoyl]glutamate
	calcium folinate	