



**World Health
Organization**

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***Pre-stems:
Suffixes used in the selection of INN
and their published INN
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Programme on International Nonproprietary Names (INN)

***Technologies Standards and Norms (TSN)
Regulation of Medicines and other health technologies (RHT)***

***World Health Organization,
Geneva***

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stem

definition

-*suffix*

-*infix*-

In bold: new pre-stems selected during the last Consultation.

-*adenant*

adenosine receptors antagonists

ciforadenant (118)

preladenant (99)(60)

tozadenant (106)(68)

vipadenant (103)(65)

-*algron*

α_1 -adrenoreceptor agonists

dabuzalgron (89)(51)

-*ampator*

α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor modulators

farampator (92)(54)

mibampator (103)(65)

tulrampator (116)(78)

-*axomab*

see *mab*

-*becestat*

see *stat*

-*berel*

beta estrogen receptor agonists

erteberel (104)(66)

prinaberel (95)(57)

-*bresib*

inhibitors of the bromodomain and extra-terminal motif (BET) family of bromodomain (BRD) proteins, antineoplastics

alobresib (117)(79)

birabresib (115)(77)

mivebresib (115)(77)

molibresib (116)(78)

-*caftor*

cystic fibrosis transmembrane regulator (CFTR) protein modulators

deutivacaftor (118)

10837 *galicaftor* (for 119)

ivacaftor (104)(66)

lumacaftor (105)(67)

10886 *olacaftor* (for 119)

tezacaftor (114)(76)

- <i>calcet/-calcet-</i>	calcium-sensing receptors (CaSR) agonists <i>cinacalcet</i> (88)(50) <i>etelcalcetide</i> (112)(74) <i>evocalcet</i> (113)(75) <i>tecalcet</i> (87)(49) <i>upacalcet</i> (118)
- <i>camra</i>	intracellular adhesion molecule (ICAM-1) derivatives <i>tremacamra</i> (78)(40)
- <i>casan</i>	caspase inhibitors <i>emricasan</i> (98)(60) <i>belnacasan</i> (108)(70) <i>nivocasan</i> (105)(67) <i>pralnacasan</i> (97)(47)
- <i>caserin</i>	serotonin receptor agonists (mostly 5-HT ₂) <i>lorcaserin</i> (95)(57) <i>vabicaserin</i> (95)(57)
- <i>catib</i>	cathepsin inhibitors <i>balicatib</i> (92)(54) <i>dutacatib</i> (94)(56) <i>odanacatib</i> (98)(60) <i>petesicatib</i> (117)(79) <i>relacatib</i> (95)(56)
- <i>cerfont</i>	corticotropin-releasing factor type-1 (CRF1) receptor antagonists <i>emicerfont</i> (102)(64) <i>pexacerfont</i> (97)(59) 10884 <i>tildacerfont</i> (for 119) <i>verucerfont</i> (102)(64)
- <i>closporin</i>	ciclosporin derivatives <i>ciclosporin</i> (47)(!) <i>geclosporin</i> (70)(34) <i>oxeclosporin</i> (70)(34) <i>ruclosporin</i> (114)(76) <i>voclosporin</i> (97)(59)
- <i>codar</i>	see <i>dar</i>
- <i>corat</i>	glucocorticoid receptor agonists <i>dagrocorat</i> (111)(73) <i>fosdagrocorat</i> (111)(73) <i>mapracorat</i> (102)(64) <i>tomicorat</i> (108)(70)
- <i>cridar</i>	see <i>dar</i>

- <i>dacin</i>	antibiotics, DNA gyrase and topoisomerase IV inhibitors <i>ardacin</i> (57)(!) <i>gepotidacin</i> (113)(74) <i>viqidacin</i> (98)(60) <i>zoliflodacin</i> (114)(76)
<i>dar</i>	<i>drugs used in multidrug resistance</i>
- <i>cridar</i>	acridinecarboxamide derivatives <i>elacridar</i> (76)(38)
- <i>codar</i>	pipecolinate derivatives <i>biricodar</i> (79)(40) <i>timcodar</i> (80)(42)
- <i>spodar</i>	ciclosporin D derivatives <i>valspodar</i> (76)(38)
- <i>depsin</i>	depsipeptide derivatives <i>elisodepsin</i> (101)(63) <i>plitidepsin</i> (93)(55) <i>romidepsin</i> (94)(56)
- <i>dil</i>	<i>vasodilators</i>
- <i>sudil</i>	Rho protein kinase inhibitors <i>fasudil</i> (64)(31) <i>netarsudi l</i> (113)(75) <i>ripasudil</i> (109)(71) <i>verosudil</i> (112)(74)
- <i>domide</i>	antineoplastics, thalidomide derivatives <i>avadomide</i> (117)(79) <i>endomide</i> (40)(!) <i>iberdomide</i> (117)(79) <i>lenalidomide</i> (91)(53) <i>mitindomide</i> (70)(34) <i>pomalidomide</i> (97)(59) <i>thalidomide</i> (08)(04)
- <i>dustat</i>	see <i>stat</i>
- <i>ectedin</i>	ecteinascidin derivatives <i>lurbnectedin</i> (105)(67) <i>trabectedin</i> (86)(48)
- <i>ertinib</i>	see -<i>tinib</i>
- <i>espib</i>	heat shock protein (HSP) 90 inhibitors (other than – <i>mycin</i>), antineoplastics <i>ganetespib</i> (105)(67) <i>luminespib</i> (108)(70) <i>onalespib</i> (112)(74)

- <i>estrant</i>	estrogen antagonists <i>brilanestrant</i> (115)(77) <i>elacestrant</i> (115)(77) <i>fulvestrant</i> (79)(40)
- <i>fadine</i>	monoamine transport inhibitors <i>amitifadine</i> (106)(68) <i>bicifadine</i> (43)(43) <i>centanafadine</i> (112)(74)
- <i>farnib</i>	farnesyl transferase inhibitors <i>lonafarnib</i> (86)(48) <i>tipifarnib</i> (86)(48)
- <i>fexor</i>	farnesoid X receptor agonists <i>cilofexor</i> (118) <i>nidufexor</i> (118) <i>turofexorate isopropyl</i> (103)(64) <i>tropifexor</i> (116)(78)
- <i>fibatide</i>	see <i>tide</i>
- <i>fulven</i>	antineoplastic, acylfulvene derivatives <i>irolfulven</i> (85)(45)
- <i>gacestat</i>	see <i>-stat</i>
- <i>ganan</i>	antimicrobial, bactericidal permeability increasing polypeptides <i>iseganan</i> (85)(47) <i>omiganan</i> (89)(51) <i>pexiganan</i> (78)(40)
- <i>gapil</i>	neuronal apoptosis inhibitors, GAPDH <i>omigapil</i> (90)(52)
- <i>golix</i>	gonadotrophin releasing hormone (GnRH) antagonists <i>elagolix</i> (99)(61) <i>linzagolix</i> (118) <i>opigolix</i> (118) <i>relugolix</i> (107)(69) <i>sufugolix</i> (89)(51)
- <i>imepodib</i>	inosine monophosphate dehydrogenase inhibitors <i>merimepodib</i> (87)(47)
- <i>inurad</i>	urate transporter inhibitors <i>dotinurad</i> (116)(78) <i>epaminurad</i> (118) <i>lesinurad</i> (105)(67) <i>verinurad</i> (111)(73)

- <i>ixafor</i>	chemokine CXCR4 antagonists <i>balixafortide</i> (112)(74) <i>burixafor</i> (104)(66) <i>mavorixafor</i> (118) <i>plerixafor</i> (93)(55)
- <i>ixibat</i>	ileal bile acid transporter (IBAT) inhibitors, bile acid reabsorption inhibitors <i>barixibat</i> (88)(50) <i>elobixibat</i> (104)(66) <i>linerixibat</i> (118) <i>maralixibat chloride</i> (113)(75) 10706 <i>odevixibat</i> (for 119) <i>volixibat</i> (113)(75)
- <i>kalner</i>	openers of calcium-activated (maxi-K) K ⁺ -channels <i>flindokalner</i> (86)(48)
- <i>laner</i>	antagonists of GABA (gamma-aminobutyric acid) regulated chloride channels, antiparasitic agents <i>afoxolaner</i> (108)(70) <i>fluralaner</i> (107)(69) <i>lotilaner</i> (110)(72) <i>sarolaner</i> (111)(73) <i>tigolaner</i> (117)(79)
- <i>leptin(e)</i>	leptin derivatives <i>metreleptin</i> (82)(44) <i>zafuleptine</i> (55)(26)
<i>mab</i>	<i>monoclonal antibodies</i>
under targets	
- <i>ami-</i>	serum amyloid protein (SAP)/amyloidosis <i>dezamizumab</i> (115)(77)
- <i>gr(o)-</i>	skeletal muscle mass related growth factors and receptors <i>bimagrumab</i> (100)(70) <i>domagrozumab</i> (114)(76) <i>landogrozumab</i> (113)(75) <i>trevogrumab</i> (113)(75)
- <i>melanotide</i>	<i>see tide</i>
- <i>metinib</i>	<i>see tinib</i>
- <i>moren</i>	non-peptidic growth hormone secretagogues <i>ibutamoren</i> (78)(40)
- <i>nesib</i>	kinesin inhibitors <i>filanesib</i> (109)(71) <i>ispinesib</i> (92)(54) <i>litronesib</i> (101)(63)

-neurin	neurotrophins <i>abrineurin (84)(46)</i>
-nexor	nuclear export inhibitors <i>eltanexor (116)(78)</i> <i>selinexor (110)(72)</i> <i>verdinexor (110)(72)</i>
nil	
-punil	<i>benzodiazepine receptor antagonists/agonists</i> mitochondrial benzodiazepine receptor (MBR)-selective agonists, also partial or inverse (purine derivatives) <i>emapunil (90) Withdrawn</i>
-opran	μ -opioid receptors antagonists <i>axelopran (109)(71)</i> <i>bevenopran (107)(69)</i> <i>ondelopran (106)(68)</i>
	To add under (b) category, <i>cefzozopran (66)(32)</i> To add under (c) category, <i>alvimopan (87)(49)</i>
-osuran	urotensin receptor antagonists <i>palosuran (91)(53)</i>
-otilate	hepatoprotectants, di(propan-2-yl) 2-(2 <i>H</i> -1,3-dithiol- 2-ylidene)propanedioate and analogues <i>malotilate (44)(21)</i> <i>mivotilate (80)(42)</i>
-parantag	antagonists of heparin and/or low-molecular weight heparins (LMWH) <i>ciraparantag (113)(75)</i> <i>delparantag (108)(70)</i>
-paxar	protease activated receptor type 1 (PAR1) antagonists <i>atopaxar (104)(66)</i> <i>vorapaxar (103)(66)</i>
-pirdine	serotonin receptor antagonists <i>besipirdine (70)(34)</i> <i>cerlapirdine (106)(68)</i> <i>idalopirdine (110)(72)</i> <i>intepirdine (114)(76)</i> <i>landipirdine (116)(78)</i> <i>latrepirdine (102)(64)</i> <i>linopirdine (67)(33)</i> <i>nerispirdine (93)(55)</i> <i>sibopirdine (69)(34)</i>
-plenib	Spleen tyrosine kinase (Syk) inhibitors <i>ceviplenib (118)</i> <i>lanraplenib (118)</i>

- <i>plasinin</i>	inhibitors of plasminogen activator inhibitors-type 1 (PAI-1) <i>aleplasinin</i> (98)(60) <i>diaplasinin</i> (94)(56) <i>tiplasinin</i> (94)(56)
- <i>prinin</i>	nootropic agents, purine derivatives <i>leteprinin</i> (80)(42)
- <i>protafib</i>	protein tyrosine phosphatase (HPTP) inhibitors <i>ertiprotafib</i> (87)(49)
- <i>punil</i>	see <i>nil</i>
- <i>sidenib</i>	isocitrate dehydrogenase inhibitors <i>enasidenib</i> (113)(75) <i>ivosidenib</i> (114)(76) <i>vorasidenib</i> (117)(79)
- <i>spodar</i>	see <i>dar</i>
- <i>stat</i> -/ <i>-stat</i> - <i>becestat</i>	<i>enzymes inhibitors</i> beta secretase inhibitors <i>atabecestat</i> (117)(79) <i>elenbecestat</i> (117)(79) 10872 <i>umibecestat</i> (for 119) <i>lanabecestat</i> (116)(78) <i>verubecestat</i> (112)(74)
- <i>dustat</i>	hypoxia inducible factor (HIF) prolyl hydroxylase inhibitors <i>daprodustat</i> (113)(75) <i>desidustat</i> (117)(79) <i>enarodustat</i> (117)(79) <i>molidustat</i> (108)(70) <i>roxadustat</i> (108)(70) <i>vadadustat</i> (114)(76)
- <i>gacestat</i>	gamma-secretase inhibitors <i>avagacestat</i> (104)(67) <i>begacestat</i> (97)(59) <i>crenigacestat</i> (117)(79) <i>nirogacestat</i> (115)(77) <i>semagacestat</i> (99)(61)
- <i>stinel</i>	NMDA receptor antagonist/agonists, glycine recognition site <i>apimostinel</i> (115)(77) <i>gavestinel</i> (77)(39) <i>licostinel</i> (77)(39) <i>rapastinel</i> (111)(73)
- <i>sudil</i>	see <i>dil</i>

-sulind	antineoplastics, sulindac metabolites <i>exisulind</i> (80)(42)
-tegravir	see <i>vir</i>
-terone -teronel	antiandrogens non-steroid antiandrogens <i>cioterone</i> (65)(32) <i>orterone</i> (104)(66) <i>seviterone</i> (114)(76)
-texafin	texaphyrin derivatives <i>motexafin</i> (83)(46)
-tide -fibatide	peptides and glycopeptides platelet aggregation inhibitor (GPIIb/IIIa receptor antagonist) <i>eptifibatide</i> (78)(40)
-melanotide	melanocortin receptor antagonists <i>afamelanotide</i> (100)(62) <i>bremelanotide</i> (95)(57) <i>modimelanotide</i> (111)(73) <i>setmelanotide</i> (112)(74)
-tirom(-)	antihyperlidaemic; thyromimetic derivatives <i>acetiromate</i> (30)(14) <i>axitirome</i> (82)(44) <i>bentiromide</i> (41)(19) <i>eprotirome</i> (99)(61) 10850 <i>resmetirom</i> (for 119) <i>sobetirome</i> (100)(62)
-tinib -ertinib	tyrosine kinase inhibitors epidermal growth factor receptor (EGFR) inhibitors 10807 <i>abivertinib</i> (for 119) <i>osimertinib</i> (113)(75) <i>epertinib</i> (115)(77) <i>canertinib</i> (87)(49) <i>mavelertinib</i> (118)
to put under (b) category: Erk inhibitors: <i>ulixertinib</i> (113), <i>ravoxertinib</i> (115)	
to put under (c) category: <i>afatinib</i> (104), <i>olmutinib</i> (114), <i>erlotinib</i> (85), <i>gefitinib</i> (85), <i>mubritinib</i> (90), <i>nazartinib</i> (114), <i>mubritinib</i> (90), <i>nazartinib</i> (114)	
-toclax	B-cell lymphoma 2 (Bcl-2) inhibitors, antineoplastics <i>obatoclax</i> (94)(56) <i>imlatoclax</i> (115)(77) <i>navitoclax</i> (103)(65) <i>venetoclax</i> (111)(73)

<i>-trep</i>	transient receptor potential antagonists <i>asivatrep (117)(79)</i> <i>elismetrep (118)</i> <i>mavatrep (111)(72)</i>
<i>-trombopag</i>	thrombopoietin agonists <i>avatrombopag (107)(69)</i> <i>eltrombopag (94)(56)</i> <i>lusutrombopag (104)(66)</i> <i>totrombopag (97)(59)</i>
<i>-vancin</i>	vancomycin related compounds <i>cefilavancin (111)(73)</i> <i>dalbavancin (90)(51)</i> <i>oritavancin (84)(45)</i> <i>televancin (91)(53)</i>
<i>vir</i>	<i>antivirals (undefined group)</i>
<i>-tegravir</i>	HIV integrase inhibitors <i>bictegravir (113)(75)</i> <i>cabotegravir (111)(73)</i> <i>elvitegravir (97)(59)</i> <i>raltegravir (97)(59)</i> <i>tolitegravir (105)(67)</i>
<i>-virenz</i>	benzoxazinone derivatives <i>efavirenz (86)(48)</i>

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