



***Pre-stems\*:  
Suffixes used in the selection of INNs***

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***Programme on International Nonproprietary Names (INN)***

***Quality Assurance and Safety: Medicines (QSM)  
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\*The prestems given have been flagged because they may be selected as official stems ("The use of stems in the selection of International nonproprietary Names for Pharmaceutical Substances", 2006, WHO/PSM/QSM/2006.3). At present, they are made available for information and potential guidance to the applicants

<i>stem</i>	<i>definition</i>
- <i>suffix</i>	
- <i>infix-</i>	
<sup>(1)</sup>	already a stem, whose definition has been amended during the 46 <sup>th</sup> INN Consultation
<sup>(2)</sup>	promotion from pre-stem to stem status
<sup>(3)</sup>	sufix newly promoted as a pre-sub-stem
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- <i>algron</i>	$\alpha_1$ -adrenoreceptor agonists
- <i>ampator</i>	amino-hydroxymethyl-isoxazole-propionic acid (AMPA) receptor modulators
- <i>ast</i>	<i>antiasthmatics, antiallergics, not acting primarily as antihistaminics</i>
- <i>tegr-</i>	integrin antagonists
- <i>axomab</i>	see <i>mab</i>
- <i>azepide</i> <sup>(1)</sup>	CCK antagonists, <b>benzodiazepine derivatives</b>
- <i>berel</i>	beta estrogen receptor agonists
- <i>camra</i>	intracellular adhesion molecule, ICAM-1 derivatives
- <i>casan</i>	caspase (interleukin-1b) converting enzyme inhibitors
- <i>caserin</i>	serotonin receptor agonists (mostly 5-HT <sub>2</sub> )
- <i>catib</i>	cathepsin inhibitors
- <i>ciclib</i>	cyclin dependant kinase inhibitors
- <i>ciguat</i> <sup>(2)</sup>	<b>guanylate cyclase activators and stimulators</b>
- <i>closporin</i>	ciclosporin derivatives
- <i>codar</i>	see <i>dar</i>
- <i>cridar</i>	see <i>dar</i>
<i>dar</i>	<i>drugs used in multidrug resistance</i>
- <i>cri-</i>	acridinecarboxamide derivatives
- <i>co-</i>	pipecolate derivatives

-spo-	ciclosporin D derivatives
-depsin	depsipeptide derivatives
-domide	antineoplastics, thalidomide derivatives
-ectedin	ecteinascidin derivatives
-estrant	estrogen antagonists
-farnib	farnesyl transferase inhibitors
-fibatide	see <i>tide</i>
-fulven	antineoplastic, acylfulven derivatives
-ganan	antimicrobial, bactericidal permeability increasing polypeptides
-gapil	neuronal apoptosis inhibitors, GAPDH
<i>gli</i>	<i>antihyperglycaemics</i>
- <b>gliflozin</b> <sup>(3)</sup>	<b>phlorizin derivatives</b>
-imepodib	inosine monophosphate dehydrogenase inhibitors
-imidar	see <i>dar</i>
-isant	histamine H <sub>3</sub> receptor antagonists
-kalner	openers of calcium-activated (maxi-K) K <sup>+</sup> -channels
-leptin(e)	leptin derivatives
-lutamide	non-steroid antiandrogens
<i>mab</i>	<i>monoclonal antibodies</i>
-axo-	rat-murine hybrid antibodies
-os-	bone as target
-ki(n)-	interleukin as target
-moren	non-peptidic growth hormone secretagogues
-nesib	kinesin inhibitors

-neurin	neurotrophins
<i>nil</i>	<i>benzodiazepine receptor antagonists/agonists</i>
-punil	mitochondrial benzodiazepine receptor (MBR)- selective agonists also partial or inverse (purine derivatives)
-osuran	urotensin receptor antagonists
-otilate	hepatoprotectants, diisopropyl-1,3-dithiol-malonate derivatives
-parib	Poly-ADP-Ribose polymerase inhibitors
-patril/-patrilat	see <i>tril/trilat</i>
<i>peg-/pegol</i>	pegylated compounds (covalent attachment of macrogol (poly(ethylene glycol)) polymer)
-plasinin	inhibitors of plasminogen activator inhibitors-type 1 (PAI-1)
-prazan	proton pump inhibitors, not depended on acid activation
-prinin	nootropic agents, purine derivatives
-punil	see <i>nil</i>
-spodar	see <i>dar</i>
-siban	oxytocin antagonists
-sulind	antineoplastics, sulindac metabolites
-stinel	NMDA receptor antagonist, glycine recognition site
-tapide	microsomal triglyceride transfer protein (MTP) inhibitors
-tegrast	see <i>ast</i>
-tegravir	see <i>vir</i>
-texafin	texaphyrin derivatives
<i>tide</i>	<i>peptides and glycopeptides</i>
-fiba-	platelet aggregation inhibitor (GPIIb/IIIa receptor antagonist)
-tirome	antihyperlidaemic; thyromimetic derivatives

<i>-trombopag</i>	thrombopoietin agonists
<i>vir</i>	<i>antivirals (undefined group)</i>
<i>-tegravir</i>	HIV integrase inhibitors
<i>-virenz</i>	benzoxazinone derivatives

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