INN Working Document 17.422 rev.
ENGLISH ONLY
20/03/2018

Pre-stems:*
Suffixes used in the selection of INN
October 2017

Programme on International Nonproprietary Names (INN)

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

World Health Organization,
Geneva

**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", 2013, WHO/EMP /RHT/TSN/2013.1). At present, they are made available for information and potential guidance to the applicants.*

stem	*definition*

-suffix

-infix-

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

In bold and underlined: pre-stems newly selected as stems

-adenant	adenosine receptors antagonists
-algron	α_1-adrenoreceptor agonists
-ampator	α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor modulators
-axomab	see *mab*
-becestat	see *stat*
-berel	beta estrogen receptor agonists
-bresib	inhibitors of the bromodomain and extra-terminal motif (BET) family of bromodomain (BRD) proteins, antineoplastics
-caftor	cystic fibrosis transmembrane regulator (CFTR) protein modulators
-calcet/-calcet-	calcium-sensing receptors (CaSR) agonists
-camra	intracellular adhesion molecule (ICAM-1) derivatives
-casan	caspase inhibitors
-caserin	serotonin receptor agonists (mostly 5-HT_2)
-catib	cathepsin inhibitors
-cerfont	**corticotropin-releasing factor (CRF) receptor antagonist**
-closporin	ciclosporin derivatives
-codar	see *dar*
-corat	glucocorticoid receptor agonists
-cridar	see *dar*

-dacin	antibiotics, DNA gyrase and topoisomerase IV inhibitors
dar	*drugs used in multidrug resistance*
-cridar	acridinecarboxamide derivatives
-codar	pipecolinate derivatives
-spodar	ciclosporin D derivatives
-depsin	depsipeptide derivatives
-dil	*vasodilators*
-sudil	Rho protein kinase inhibitors
-domide	antineoplastics, thalidomide derivatives
-dustat	see *stat*
-ectedin	ecteinascidin derivatives
-espib	heat shock protein (HSP) 90 inhibitors (other than *–mycin*), antineoplastics
-estrant	estrogen antagonists
-fadine	monoamine transport inhibitors
-farnib	farnesyl transferase inhibitors
-fexor	farnesoid X receptor agonists
-fibatide	see *tide*
-fulven	antineoplastic, acylfulvene derivatives
-gacestat	see *-stat*
-ganan	antimicrobial, bactericidal permeability increasing polypeptides
-gepant	**calcitonin gene-related peptide receptor antagonists**
-gapil	neuronal apoptosis inhibitors, GAPDH
-golix	gonadotrophin releasing hormone (GnRH) antagonists
-imepodib	inosine monophosphate dehydrogenase inhibitors
-inurad	urate transporter inhibitors

-ixafor	chemokine CXCR4 antagonists
-ixibat	ileal bile acid transporter (IBAT) inhibitors, bile acid reabsorption inhibitors
-kalner	openers of calcium-activated (maxi-K) K^+-channels
-laner	antagonists of GABA (gamma-aminobutyric acid) regulated chloride channels, antiparasitic agents
-leptin(e)	leptin derivatives
mab	*monoclonal antibodies*
under species	
-vet-	**veterinary use**
under targets	
-ami-	serum amyloid protein (SAP)/amyloidosis
-gr(o)-	skeletal muscle mass related growth factors and receptors
-melanotide	*see tide*
-metinib	see *tinib*
-moren	non-peptidic growth hormone secretagogues
-nesib	kinesin inhibitors
-neurin	neurotrophins
-nexor	nuclear export inhibitors
nil	*benzodiazepine receptor antagonists/agonists*
-punil	mitochondrial benzodiazepine receptor (MBR)-selective agonists, also partial or inverse (purine derivatives)
-opran	μ-opioid receptors antagonists
-osuran	urotensin receptor antagonists
-otilate	hepatoprotectants, di(propan-2-yl) 2-(2*H*-1,3-dithiol-2-ylidene)propanedioate and analogues
-parantag	antagonists of heparin and/or low-molecular weight heparins (LMWH)
-paxar	protease activated receptor type 1 (PAR1) antagonists
-pirdine	serotonin receptor antagonists
-plasinin	inhibitors of plasminogen activator inhibitors-type 1 (PAI-1)

-plenib	**Spleen tyrosine kinase (Syk) inhibitors**
-prinim	nootropic agents, purine derivatives
-protafib	protein tyrosine phosphatase (HPTP) inhibitors
-punil	see *nil*
-sidenib	isocitrate dehydrogenase inhibitors
-spodar	see *dar*
-stat-/-stat	*enzymes inhibitors*
-becestat	beta secretase inhibitors
-dustat	hypoxia inducible factor (HIF) prolyl hydroxylase inhibitors
-gacestat	gamma-secretase inhibitors
-stinel	NMDA receptor antagonist/agonists, glycine recognition site
-sudil	see *dil*
-sulind	antineoplastics, sulindac metabolites
-tegravir	see *vir*
-terone	*antiandrogens*
-teronel	non-steroid antiandrogens
-texafin	texaphyrin derivatives
-tide	*peptides and glycopeptides*
-fibatide	platelet aggregation inhibitor (GPIIb/IIIa receptor antagonist)
-melanotide	melanocortin receptor antagonists