

USAN STEM LIST

STEM	DEFINITION	EXAMPLES
-abine	(see -arabine, -citabine)	
-ac	anti-inflammatory agents (acetic acid derivatives)	bromfen ac dexpe medolac
-acetam	(see -racetam)	
-adol or -adol-	analgesics (mixed opiate receptor agonists/ antagonists)	taz adol ene spir adol ene levonantr adol
-adox	antibacterials (quinoline dioxide derivatives)	carb adox
-afenone	antiarrhythmics (propafenone derivatives)	alpr afenone dipr afenone <u>x</u>
-afil	PDE5 inhibitors	tadal afil
-aj-	antiarrhythmics (ajmaline derivatives)	lor aj mine
-aldrate	antacid aluminum salts	mag aldrate
-algron	alpha ₁ - and alpha ₂ - adrenoreceptor agonists	dabuz algron
-alol	combined alpha and beta blockers	labet alol medrox alol
-amidis	antimyeloidotics	taf amidis
-amivir	(see -vir)	
-ampa	ionotropic non-NMDA glutamate receptors (AMPA and/or KA receptors)	
subgroup: -ampanel	antagonists	bec ampanel
-ampator	modulators	for ampator
-anib	angiogenesis inhibitors	pegapt anib cedir anib

subgroup:

-siranib	siRNA	bevas iranib
-andr-	androgens	n and rolone
-anserin	serotonin 5-HT ₂ receptor antagonists	alt anserin trop anserin adat anserin
-antel	anthelmintics (undefined group)	carb antel

subgroup:

-quantel	2-deoxoparaherquamide A derivatives	der quantel
-antrone	antineoplastics; anthraquinone derivatives	pix antrone
-apsel	P-selectin antagonists	tor apsel
-arabine	antineoplastics (arabinofuranosyl derivatives) flud arabine	faz arabine
aril-, -aril, -aril-	antiviral (arildone derivatives)	plecon aril aril done fos arilate
-arit	antirheumatics (lobenzarit type)	lobenz arit clobuz arit
-arol	anticoagulants (dicumarol type)	dicum arol
-arone	antiarrhythmics	droned arone

subgroup:

-iodarone	indicates high iodine content	am iodarone
-arot-	arotinoids	et arotene sum arotene taz arotene
-arotene	arotinoid derivatives	bex arotene lin arotene taz arotene
-arsin	organoarsenic compounds	darinap arsin

arte-	antimalarials (artemisin derivatives)	arte flene
-ase	enzymes	alglucera se dorna se alfa
subgroup:		
-dismase	superoxide dismutase activity (exception: orgotein)	sud dismase
-teplase	tissue-type plasminogen activators	alte plase dute plase silte plase
-uplase	urokinase-type plasminogen activators	sar uplase nasa uplase
-ast	antiasthmatics/antiallergics (not acting primarily as antihistamines; leukotriene biosynthesis inhibitors)	
subgroup:		
-lukast	leukotriene receptor antagonists	cinal lukast pobil lukast
-milast	type IV phosphodiesterase inhibitors	picla milast
-trodist	thromboxane A ₂ receptor antagonists	sera trodist
-zolast	benzoxazole derivatives	eclaz olast ontaz olast
-tegr-	integrin antagonists	valate tegrast
-(a)distine	tricyclic histaminic-H ₁ receptor antagonists, loratadine derivatives	deslor atadine rup atadine soma ntadine
-astine	antihistaminics (histamine-H ₁ receptor antagonists)	eba stine
-atadine	tricyclic antiasthmatics	olopa atadine lora atadine

-axine	antianxiety, antidepressant inhibitor of norepinephrine and dopamine re-uptake	
-(f)axine		radaf axine
-azenil	benzodiazepine receptor agonists/antagonists	bret azenil flum azenil
-azepam	antianxiety agents (diazepam type)	lor azepam
-azepide	cholecystokinin receptor antagonists	dev azepide
-azocine	narcotic antagonists/agonists (6,7-benzomorphan derivatives)	quad azocine ket azocine
-azoline	antihistamines/local vasoconstrictors (antazoline type)	ant azoline
-azosin	antihypertensives (prazosin type)	dox azosin
-bactam	beta-lactamase inhibitors	sul bactam
-bamate	tranquilizers/antiepileptics (propanediol and pentanediol groups)	mepro bamate fel bamate
-barb or -barb-	barbituric acid derivatives	phenob arbital secob arbital etero barb
-basib	inhibitors of the ADAM (A disintegrin and A metalloprotease) enzymes (sheddases)	ader basib
-begron	beta 3 adrenoreceptor agonist	talib egron
-bendazole	anthelmintics (tibendazole type)	cam bendazole
-berel	beta estrogen receptor agonist	prinab erel
-bersat	anticonvulsants; antimigraine (benzoylamino-benzopyran derivatives)	carab ersat tidem ersat
bol- or -bol-	anabolic steroids	bol andiol mib olerone
-bufen	non-steroidal anti-inflammatory agents, fenbufen derivatives	indob ufen

-bulin	antineoplastics (mitotic inhibitors; tubulin binders)	mivob ulin
-butan	antiseptics (dapabutan type)	dapab utan lopob utan
-butazone	anti-inflammatory analgesics (phenylbutazone type)	mofeb utazone
-caftor	cystic fibrosis transmembrane regulator (CFTR) protein modulators	ivac aftor
-caine	local anesthetics	dibu caine
-caleret	calcium receptor antagonists	ronac aleret
calci- or -calci-	vitamin D analogues	calc ipotriene tac alc itol
-camra	antivirals (intracellular adhesion molecules, icam-1 derivatives)	tremac amra
-camsule	camphorsulfonic acid derivatives used as UVA sunscreens	ecamsule
-capoc	agonists of the Gardos channel, or the calcium activated potassium channel of intermediate conductance	senic apoc
-capone	catechol-O-methyltransferase (COMT) inhibitors	entac apone
-casan	caspase (interleukin –1b) converting enzyme inhibitors	pralnac asan
-caserin	serotonin receptor agonists, primarily 5-HT ₂	lorc aserin vabic aserin
-castat	(see -stat)	
-carbef	antibiotics (carbacephem derivatives)	lorac arbef
-catib	cathespin inhibitors	balic atib
-cavir	(see -vir)	
cef-	cephalosporins	cef azolin
-cept	receptor molecules, native or modified (a preceding infix should designate the target)	al vircept

subgroups:

-bacept	B-cells	br io <i>bacept</i>
-co-	complement receptors	miro co <i>cept</i>
-facept	lymphocyte function-associated with antigen 3 (LFA) receptor	ale f <i>acept</i>
-farcept	interferon receptors	bi f <i>arcept</i>
-lefacept	lymphocyte function-associated	ale f <i>acept</i>
-nacept	interleukins	ri l <i>onacept</i>
-nercept	tumor necrosis factor receptors	le n <i>ercept</i>
-tacept	T-cells	be l <i>atacept</i>
-tercept	transforming growth factor	so t <i>atercept</i>
-vircept	antiviral receptors	al vir <i>cept</i>
-cerfont	CRF-1 (corticotropin releasing factor) receptor antagonists	pe x <i>acerfont</i>
-cet	receptors (small molecule)	

subgroup:

-calcet	calcium receptor agonists	te cal <i>cet</i>
-cetrapib	cholesterol ester transfer protein inhibitors	tor cet <i>rapib</i>
-cic	hepatoprotectives (timonacic type)	li m <i>azocic</i>
-ciclib	cyclin dependent kinase inhibitors (formerly – cidib)	se l <i>iciclib</i>
-ciclovir	(see vir-)	
-cidin	natural antibiotics (undefined group)	gra m <i>icidin</i>
-ciguat	guanaline cyclase activator	ata ciguat , at ri <i>ciguat</i>
-cillin	penicillins	am pic <i>illin</i>

-cirnon	CCR receptor antagonists	ver cirnon
-citabine	nucleoside antiviral or antineoplastic agents, cytarabine or azarabine derivatives	gem citabine fiac itabine zal citabine
-clidine/ -clidinium	muscarinic receptor agonists/antagonists	veda clidine talsa clidine
-clomol	heat-shock protein inducers, bimoclomal type	eles clomol
-clone	hypnotics/tranquilizers (zopiclone type)	pago clone
-cyclosporin	cyclosporine derivatives	oxe cyclosporin
-conazole	systemic antifungals (miconazole type)	flu conazole oxi conazole
-corat	glucocorticoid receptor agonists (not glucocorticoids)	mapra corat
-cort-	cortisone derivatives	hydro cortisone
-coxib	cyclooxygenase-2 inhibitors	cele coxib pare coxib valde coxib
-cridar	(see -dar)	
-crinat	diuretics (ethacrynic acid derivatives)	bro crinat
-crine	acridine derivatives	amsa crine quina crine
-cromil	antiallergics (cromoglicic acid derivatives)	nedo cromil
-curium	neuromuscular blocking agents (quaternary (also ammonium compounds)	atra curium al curonium
-curonium		pipe curonium
-cycline	antibiotics (tetracycline derivatives)	mino cycline
-dan	positive inotropic agents (pimobendan type)	prinoxodan indol idan

-dapsone	antimycobacterials (diaminodiphenylsulfone derivatives)	aced dapsone
-degib	hedgehog signaling inhibitors	vismode degib
-denant	adenosine 2A antagonists	prela denant
-dar	multidrug resistance inhibitors	
subgroups:		
-cridar	acridine carboxamide derivatives	ela cridar
-icodar	pipecolic acid derivatives	bir icodar
-quidar	quinoline derivatives	lami quidar zozu quidar
-spodar	ciclosporin D derivatives	val spodar
-denoson	adenosine A receptor agonists	teca denoson , binode noson
-depsin	depsipeptide derivatives	romide psin
-dermin	(see -ermin)	
dil-, -dil- or -dil	vasodilators (undefined group)	fosted il
-dipine	phenylpyridine vasodilators (nifedipine type)	darode dipine felode dipine
-dismase	(see -ase)	
-distim	(see -stim)	
-ditan	antimigraine (5-HT ₁ receptor agonists)	alni ditan
-ditraz	acaricide/tick repellent	demi ditraz
-domide	thalidomide derivatives	lenali domide
-dopa	dopamine receptor agonists	levode dopa

-dopidine	dopamine D ₂ receptor modulator	prid opidine
-dore	dopamine D ₂ D ₃ receptor modulators	aplin dore fumarate
-dotin	synthetic analogs of the dolastatin series	tasid otin HCl
-dralazine	antihypertensives (hydrazine-phthalazines)	hyd ralazine end ralazine
-dronate	calcium metabolism regulators	etid dronate tilud dronate
-dutant	(see -tant)	
-ectedin	ecteinascodin derivatives	mon ectedin
-ectin	antiparasitics (ivermectin type)	dorame ctin moxid ectin
-elestat	(see -stat)	
-elvekin	(see -kin)	
-emcinal	erythromycin derivatives lacking antibiotic activity; motilin agonists	mitem ncinal
-entan	endothelin receptor antagonists	bosent an
-eptakin	(see -kin)	
-erg-	ergot alkaloid derivatives	perg olide
-eridine	analgesics (meperidine type)	aniler idine
-ermin	growth factors	
subgroups:		
-bermin	vascular endothelial growth factors	tel bermin
-dermin	epidermal growth factors	muro dermin
-fermin	fibroblast growth factors	erso fermin
-nermin	tumor necrosis factors	soner min tason nermin

-plermin	platelet derived growth factors	becap lermin
-sermin	insulin-like growth factors	meca sermin
-termin	transforming growth factors	cet termin
-otermin	bone morphogenetic proteins	dibo termin alfa
-espib	heat shock protein inhibitors	ganet espib
estr- or -estr-	estrogens	estrone fen estrel
-estrant	estrogen antagonists	fulv estrant
-etanide	diuretics (piretanide type)	bume tanide
-exakin	(see -kin)	
-farin	warfarin analogs	tecar farin
-farnib	farnesyl transferase inhibitor	tipi farnib
-fenamate	"fenamic acid" ester or salt derivatives	eto fenamate
-fenamic acid	anti-inflammatory agents (anthranilic acid derivatives)	flu fenamic acid
-fenin	diagnostic aids ((phenylcarbamoyl)methyl iminodiacetic acid derivatives)	arclo fenin
-fenine	analgesics (fenamic acid subgroup)	flocta fenine
-fentanil	narcotic analgesics (fentanyl derivatives)	al fentanil mir fentanil bri fentanil
-fentrine	phosphodiesterase inhibitor	puma fentrine
-fermin	(see -ermin)	
-fetamin(e)	amfetamine derivatives	levmetam fetamine
-fexor-/ -fexorate	farnesoid X receptor agonists	turo fexorate

-fiban	fibrinogen receptor antagonists (glycoprotein II _b /III _a receptor antagonists)	lamib ifiban tiro ifiban
-fibatide	(see -tide)	
-fibrate	antihyperlipidemics (clofibrate type)	bezaf ibrate
-filcon	hydrophilic contact lens materials	alpha filcon A xylo filcon A mipa filcon A
-fingol	sphingosine derivatives	cedef ingol saf ingol
-flapon	5-lipoxygenase-activating protein (FLAP) inhibitors	quif lapon
-flurane	general inhalation anesthetics (halogenated alkane derivatives)	en flurane
-focon	hydrophobic contact lens materials	trif ocon A pasif ocon B sata focon A
-formin	hypoglycemics (phenformin type)	bu formin
-fo(s)-	phosphoro-derivatives	f osinoprilat
-fol-	incorporates folic acid	vinta folide
-fosfamide	isophosphoramidate mustard derivatives	pali fosfamide
-fradil	calcium channel blockers acting as vasodilators	mibef radil
-fulven	antineoplastic, acylfulven derivatives	virido fulven
-fungin	antifungal antibiotics (undefined group)	kalaf ungin
-fylline	theophylline derivatives	enpro fylline bami fylline cipam fylline
-gab-	gabamimetics	feng abine
gado-	gadolinium derivatives (principally for diagnostic use)	gadodiamide gadoteridol

		gadobenate
-ganan	antimicrobial, bactericidal permeability increasing polypeptide	iseg anan pexig anan
-gapil	neuronal apoptosis inhibitors; GAPDH	omig apil
-gatan	thrombin inhibitors (argatroban type)	efeg atan
-gepant	calcitonin gene-related peptide receptor antagonists	telcag epant
-gest-	progestins	meg estrol
-giline	MAO inhibitors, type B	seleg iline
-gillin	antibiotics (<i>Aspergillus</i> strains)	mitog illin
gli-	antihyperglycemics	glifl umide
-gliatin	glucokinase activator	pirag liatin
-gliflozin	phlorozin derivatives, phenolic glycosides	serg liflozin
-glinide	antidiabetic, SGLT2 inhibitors, not phlorozin derivatives	repag linide mitig linide
-gliptin	dipeptidyl aminopeptidase-IV inhibitors	vildag liptin
-glitazar	PPAR agonists (not thiazolidene derivatives)	farg litizar
-glitazone	PPST agonists (thiazolidene derivatives)	cig litazone rosig litazone
-glumide	CCK antagonists, antiulcer, anxiolytic agent	amig lumide itrig lumide
-golix	GnRH receptor antagonists (nonpeptide)	sufug olix
-gosivir	(see -vir)	
-gramostim	(see -stim)	
-grastim	(see -stim)	
-grel- or -grel	platelet aggregation inhibitors, primarily platelet P2Y ₁₂ receptor antagonists	itazig rel dimetag rel

		fure grelate
guan-	antihypertensives (guanidine derivatives)	guanoctine
-ibat	ileal bile acid transport inhibitor	barix ibat
-icam	anti-inflammatory agents (isoxicam type)	enol icam teno xicam
-icodar	(see -dar)	
-ifen(e)	antiestrogens of the clomifene and tamoxifen groups	nitro mifene ralox ifene drolox ifene
-ilide	class III antiarrhythmic agents	ibut ilide risot ilide dofet ilide
-imepodib	inosine monophosphate dehydrogenase inhibitors	mer imepodib
-imex	immunostimulants	forfen imex roquin imex uben imex
-imibe-	antihyperlipidaemics, acyl CoA: cholesterol acyltransferase (ACAT) inhibitors	eldac imibe avas imibe pact imibe
-imod	immunomodulators	ivar imod pidot imod
subgroup:		
-mapimod	mitogen-activated protein (MAP) kinase inhibitors	dorm apimod
-tirimod	napthyridine analogs	ept irimod , sort irimod
-tolimod	toll-like receptor agonist	agato limod rinta tolimod
-imus	immunosuppressives	tacrol imus napir imus gusper imus
subgroup:		

-rolimus	immunosuppressant, rapamycin derivatives	sirolimus
io-	iodine-containing contrast media	iodamide
-irudin	anticoagulants (hirudin type)	desirudin
-isant	histamine H3 receptor antagonists	cipral isant
-isomide	antiarrhythmics (disopyramide derivatives)	bid isomide
-ium (also -onium)	quaternary ammonium derivatives	disiqu onium polixet onium
-ivon	Von Willebrand factor inhibitors	egapt ivon pegol
-ixafor	CXCR4 antagonists	pler ixafor
-kacin	antibiotics obtained from <i>Streptomyces kanamyceticus</i> (related to kanamycin)	amik kacin
-kalant	potassium channel antagonists	almok alant terik alant
-kalim	potassium channel agonists	cromak alim aprik alim
-kalner	opener of large conductance calcium-activated (maxi-k) K ⁺ channels	flindok alner
-kef-	enkephalin agonists (various indications)	met keph amide casok ef amide
-kin	interleukins	
subgroups:		
-decakin	interleukin-10 analogues and derivatives	ilod ecakin
-dodekin	interleukin-12 analogues and derivatives	edod ek in alfa
-elvekin	interleukin-11 analogues and derivatives	opre lvekin
-enicokin	interleukin-21	den enicokin

-eptakin	interleukin-7 analogues and derivatives	
-exakin	interleukin-6 analogues and derivatives	at exakin alfa
-leukin	interleukin-2 analogues and derivatives	tece leukin aldes leukin
-nakin	interleukin-1 analogues and derivatives	
subgroups:		
-onakin	interleukin-1- α analogues and derivatives	pit onakin
-benakin	interleukin-1- β analogues and derivatives	mobe nakin
-nonakin	interleukin-9 analogues and derivatives	
-octakin	interleukin-8 analogues and derivatives	emo ctakin
-penkin	interleukin-5 analogues and derivatives	
-trakin	interleukin-4 analogues and derivatives	binet trakin
-kinra	interleukin receptor antagonists	
subgroups:		
-nakinra	interleukin-1 (IL-1) receptor antagonists	an akinra
-kiren	renin inhibitors	dite kiren terla kiren zank kiren
-lazad	lipid peroxidation inhibitors	tiri lazad
-leptin	leptin derivatives	metre leptin
-leukin	(see -kin)	
-leuton	5-lipoxygenase inhibitors	seti leuton fen leuton
-lipim	lipoprotein lipase activators	ibro lipim
-lisib	phosphatidylinositol 3-kinase inhibitors	picti lisib
-locib	antineoplastics that inhibit the formation of 5-LO,	eta locib

	LTB ₄ , LTC ₄ , and thromboxane B ₂ (TxB ₂); and Activate PPAR _γ nuclear receptors	
-lubant	leukotriene receptor antagonists (treatment of inflammatory skin disorders)	ticol ubant
-lukast	(see -ast)	
-luren	inducers of ribosomal readthrough of nonsense mutation mRNA stop codons	atal uren
-lutamide	non-steroid antiandrogens	bical utamide flutamide
-lutril	neutral endopeptidase inhibitors possessing additional endothelin converting enzyme inhibitory activity	dag lutril
-mab	monoclonal antibodies imci omab	abcixi mab capro mab daclixi mab detumo mab enlimo mab
-axo-	rat-murine hybrid antibodies	
-kin-	interleukins as target	
-les-	infix for inflammatory/infectious lesions	
-ne(r)-	neurologic indications (replaces -neu-)	
-os-	bone	deno sumab
-toxa-	toxin as a target	urto xazumab
-xizu-	combination of humanized and chimeric chains	
-manid	mycolic acid inhibitors	delam anid
-mantadine or -mantine	antivirals/antiparkinsonians (adamantane derivatives)	ri mantadine dopa mantine
-mastat	(see -stat)	

-meline	cholinergic agonists (arecoline derivatives used in treatment of Alzheimer's disease)	xan omeline
-melteon	selective melatonin receptor agonist	ram elteon
-mer	polymers	cadex omer carbet imer
-mesine	sigma receptor ligands	ig mesine pana mesine
-mestane	antineoplastics (aromatase inhibitors)	plom estane
-metacin	anti-inflammatory agents (indomethacin type)	zido metacin
-micin	antibiotics (<i>Micromonospora</i> strains)	madura micin genta micin
-monam	monobactam antibiotics	glox imonam ox imonam tigel monam
-morelin	(see -relin)	
-moren	non-peptidic growth hormone secretagogues	ibuta moren
-mostim	(see -stim)	
-motine	antivirals (quinoline derivatives)	fam otine
-moxin	monoamine oxidase inhibitors (hydrazine derivatives)	ben moxin dom moxin
-mulin	antibacterials, pleuromulin derivatives	retapa mulin
-multin	mucosal tolerance inductors	ismo multin
-mustine	antineoplastics (chloroethylamine derivatives)	car mustine
-mycin	antibiotics (<i>Streptomyces</i> strains)	linco mycin
nab- or -nab-	cannabinol derivatives	nab azenil drona binol
subgroup:		

-nabant	CB cannabinoid receptor antagonists	rimon abant
-nakalant	mixed sodium/potassium channel blockers	vern akalant
-nakin	(see -kin)	
nal-	narcotic agonists/antagonists (normorphine type)	nal mefene
-napant	inhibitor of apoptosis protein (IAP) inhibitors	birin apant
-navir	(see vir-)	
-nepag	non-prostanoid prostaglandin receptor agonists	evatan epag
-nercept	(see -cept)	
-nermin	(see -ermin)	
-nertant	neurotensin receptor antagonists	remin ertant
-nesib	kinesin inhibitors	ispin esib
-netant	(see -tant)	
-neurin	neurotensin receptor antagonists; neurotropins	abrin eurin
-nicline	nicotinic acetylcholine receptor partial agonists/agonists	altin icline
-nidap	nonsteroidal anti-inflammatory agents (tenidap type)	ilon idap ten idap
-nidazole	antiprotozoal substances (metronidazole type)	tin idazole
nifur-	5-nitrofur derivatives	nifur atel nifur atrone
-nil	benzodiazepine receptor antagonists/agonists	
subgroup:		
-punil	mitochondrial benzodiazepine receptor (MBR) selective, partial, or inverse agonists (purine derivatives)	emap unil
-quinil	benzodiazepine receptor agonists, also partial or	

	inverse (quinoline derivatives)	lire quinil
-nixin	anti-inflammatory agents (anilonicotinic acid derivatives)	clon nixin
-nonakin	(see -kin)	
-octakin	(see -kin)	
-olol	beta-blockers (propranolol type)	tim olol aten olol
-olone	steroids (<i>not</i> prednisolone derivatives)	minax olone
-onide	topical steroids (acetal derivatives)	amcin onide
-opilone	epothilones	sag opilone
-opran	opioid receptor antagonists	beven opran
-orex	anorexiant	flud orex
-orexant	orexin antagonists	suv orexant
-orphan	narcotic antagonists/agonists (morphinan derivatives) dextr orphan	dextro- meth orphan
-osuran	urotensin receptor antagonists	palos uran
-otilate	hepatoprotectants, di-isopropyl-1,3-dithiol-malonate derivatives	miv otilate
-oxacin	antibacterials (quinolone derivatives)	difl oxacin ciprofl oxacin
-oxan	alpha-adrenoceptor antagonists (benzodioxane derivatives)	imil oxan
-oxanide	antiparasitics (salicylanilide derivatives)	brom oxanide
-oxef	antibiotics (oxacefalosporanic acid derivatives)	flom oxef
-oxetine	antidepressants (fluoxetine type)	dap oxetine sepro oxetine

subgroup:

-tioxetine	thioether derivatives	tedat <i>ioxetine</i>
-oxin	fluoroquinolone derivatives, nonantibacterial indications (e.g., antineoplastic antibiotics)	vorel <i>oxin</i>
-pab	antibody mixtures/polyclonal antibodies, used instead of -mab	rozrolimup <i>ab</i>
-pafant	platelet-activating factor antagonists	<i>apafant</i> dacop <i>afant</i> tulop <i>afant</i> lexip <i>afant</i>
-pamide	diuretics (sulfamoylbenzoic acid derivatives)	alip <i>pamide</i>
-pamil	coronary vasodilators (verapamil type)	tiap <i>pamil</i>
-pamine	dopaminergics (butopamine type)	fosop <i>pamine</i> ibop <i>pamine</i>
-panel	AMPA receptor antagonists	fanap <i>panel</i> irump <i>panel</i> talam <i>panel</i>
-parantag	antagonists of heparin and/or low molecular weight heparins	del <i>parantag</i>
-parcil	antithrombotics	becip <i>parcil</i> ilip <i>parcil</i>
-parcin	glycopeptide antibiotics	avop <i>parcin</i>
-parib	poly-ADP-ribose polymerase inhibitors	olap <i>parib</i>
-parin	heparin derivatives and low molecular weight (or depolymerized) heparins	he <i>parin</i> tinzap <i>arin</i> dalte <i>parin</i>
-parinux	antithrombotic indirect selective synthetic factor Xa inhibitors	fondap <i>arinux</i>
-paroid	antithrombotics (heparinoid type)	danap <i>aroid</i> sul <i>paroid</i>

-paxar	PAR1 antagonists	vorap paxar
peg- -peg- pegol	PEGylated compounds (covalent attachment of macrogol (poly(ethyleneglycol)) polymer)	peg caristim peg nartograstim peg visomant
-penem	antibacterial antibiotics, carbapenem derivatives	tomop enem
-penkin	(see -kin)	
perflu-	blood substitutes and/or diagnostics (perfluorochemicals)	perflubron perflunafene
-peridol	antipsychotics (haloperidol type)	halop eridol
-peridone	antipsychotics (risperidone type)	ris peridone ilo peridone oca peridone
-perit	neuropeptide Y receptor modulators	velne perit
subgroup:		
-neperit	neuropeptide Y5	
-perone	antianxiety agents/neuroleptics (4'-fluoro-4-piperidinobutyrophenone derivatives)	duo perone
-pertin	glycine transporter inhibitors	bitop ertin
-pezil	acetylcholinesterase inhibitors used in the treatment of Alzheimer's disease	ico pezil done pezil
-pidem	hypnotics/sedatives (zolpidem type)	zol pidem al pidem
-pin(e)	tricyclic compounds	doxep in propize pine
-piprant	prostaglandin receptor antagonists, non prostinoid structure	larop iprant
-pirdine	5-HT ₆ inhibitors	linop irdine

		besi pir dine sibo pir dine
-pirox	antimycotics (pyridone derivatives)	ciclo piro x
-pitant	(see -tant)	
-plact	platelet factor 4 analogs and derivatives	i ropl act
-pladib	phospholipase A2 inhibitors	eco pladi b
-planin	antibacterials (<i>Actinoplanes</i> strains)	mide plan in ramo plan in teico plan in
-plasmin	plasmin proteins and derivatives	ocri plas min
-platin	antineoplastics (platinum derivatives)	cis plati n
-plasmin	inhibitors of plasminogen activator inhibitors – type 1	ti plasi nin
-plermin	(see -ermin)	
-plestim	(see -stim)	
-plon	non-benzodiazepine anxiolytics, sedatives, hypnotics	ocina plon zale plon
-poetin	erythropoietins	epoetin alfa epoetin beta
-porfin	benzoporphyrin derivatives temo porfin	verte porfin
-pramine	antidepressants (imipramine type)	lofe prami ne
-prazan	acid pump inhibitors, not dependent on acid activation	omida prazan
-prazole	antiulcer agents (benzimidazole derivatives)	ome prazole disu prazole
subgroup:		
-maprazole	acid pump inhibitors	puma prazole
pred-, -pred- or -pred	prednisone and prednisolone derivatives	pred nicarbate clo pred inol

		oxisop red
-pressin	vasoconstrictors (vasopressin derivatives)	desmop ressin
-pride	sulpiride derivatives	remoxip ride zacop ride
-pril	antihypertensives (ACE inhibitors)	enalap ril temocap ril spirap ril
-prilat	antihypertensives (ACE inhibitors) (diacid analogs of the -pril entity)	enalap rilat spirap rilat
-prinin	nootropic agents, purine derivatives	letep rinin
-prim	antibacterials (trimethoprim type)	ormetop rim
-prisnil	selective progesterone receptor modulators (SPRM)	asop risnil
-pristin	antibacterials, pristinamycin derivatives	quinup ristin efep ristin
-pristone	progesterone receptor antagonists	mife pristone
-profen	anti-inflammatory/analgesic agents (ibuprofen type)	flurbip rofen
-prost- or -prost	prostaglandins	riop rostit dinop rostit
-protafib	protein tyrosine phosphatase 1B inhibitors	ertip rotafib
-pultide	(see -tide)	
-proget	nonsteroidal ligand for the progesterone receptor	tanap roget
-queside	cholesterol sequestrants (glycosides)	pama queside
-quiline	antibiotics, diarylquinoline structure	bedaq uiline
-racetam	nootropes (piracetam type)	pirac etam
-racil	uracil type antineoplastics	enilur acil gemer acil oter acil

-rafenib	raf kinase inhibitors	sorafenib
-relin	prehormones or hormone-release stimulating peptides	nafarelin
subgroups:		
-morelin	growth hormone-release stimulating peptides	dumorelin
-tirelin	thyrotropin releasing hormone analogues	protirelin
-relix	hormone-release inhibiting peptides	detirelix
-renone	aldosterone antagonists (spironolactone type)	canrenone
-restat	(see -stat)	
-retin- or -retin	retinol derivatives	etretinate pelretin
-rev	therapeutic virus	
-tucirev	tumoricidal	lontucirev
-rian	ryanodine receptor modulators	aladorian
-ribine	ribofuranil derivatives (pyrazofurin type)	loxoribine
rifa-	antibiotics (rifamycin derivatives)	rifapentine rifampin
-rinone	cardiotonics (amrinone type)	milrinone
-rixin	CXCR2 modulators	reparixin
-rocin	t-RNA synthetase inhibitors	bederocin
-rozole	aromatase inhibitors (imidazole/triazole derivatives)	letrozole fadrozole vorozole talarozole
-rsen	antisense oligonucleotides	alicaforsen

subgroup:

-virsen	antivirals	afov irsen fomiv irsen trecov irsen
-rubicin	antineoplastic antibiotics (daunorubicin type)	esor ubicin idar ubicin
sal-, -sal- o -sal	anti-inflammatory agents (salicylic acid derivatives)	mesa l amine difluni sal balsa l azide
-sarm	selective androgen receptor modulator (non-steroidal)	enobos arm
-sartan	angiotensin II receptor antagonists	los sartan epro sartan
-semide	diuretics (furosemide type)	azose semide
-sermin	(see -ermin)	
-serod	serotonin receptor antagonists and partial agonists	pibos erod
-serpine	<i>Rauwolfia</i> alkaloid derivatives	re serpine
-sertib	serine/threonine kinase inhibitors	danus ertib tozas ertib
-setrag	serotonin 5-HT receptor agonists, not principally 5-HT ₂	pumos etrag
-setron	serotonin 5-HT ₃ antagonists	ondan setron granis etron luro setron
-siban	oxytocin antagonists	barus siban
-sidomine	antianginals (sydnone derivatives)	pir sidomine mols idomine lins idomine
-sidone	antipsychotic with binding activity on serotonin (5HT _{2A}) and dopamine (D ₂) receptors	luras idone zipras idone
som-	growth hormone derivatives	somatrem

		somatropin
som- -bove	bovine somatotropin derivatives	sometribove
som- -por	porcine somatotropin derivatives	sometripor somagrep
-sonan	5-HT _{1B} receptor antagonists	elza sonan
-spirone	anxiolytics (buspirone type)	zalo spirone tio spirone
-spodar	(see -dar)	
-sporin	(see -closporin)	
-stat-, -stat or -stat-	enzyme inhibitors	
subgroups:		
-castat	dopamine β -hydrolase (DBH) inhibitors	nepi castat
-elestat	elastase inhibitors	sive lestat
-folastat	folate hydrolase (also called PSMA) inhibitors	io folastat I 123
-gacestat	gamma secretase inhibitors	sema gacestat
-glustat	glucosyltransferase inhibitors	migl lustat
-inostat	inhibitors of histone deacetylase	daci nostat
-lanstat	lanosterol 14 α -demethylase inhibitors	aza lanstat
-listat	gastrointestinal lipase inhibitors	ceti listat
-mastat	matrix metalloprotease inhibitors	batim astat
-(a)mostat	proteolytic enzyme inhibitors	nafam ostat
-quistat	squalene synthase inhibitors	lapa quistat
-restat- or -restat	aldose-reductase inhibitors	ponal restat tol restat
-telstat	telomerase inhibitors	imete lstat

-tiostat	glutathione -s- transferase inhibitors	ezatiostat hydrochloride
-tristat	tryptophan hydroxylase inhibitors	telotristat
-unistat	nitric oxide synthase inhibitors	cindunistat
-vastatin	antihyperlipidemics (HMG-CoA inhibitors)	atorvastatin lovastatin pravastatin
-xostat	xanthine oxydase and xanthine	febuxostat
(other series members)	urease inhibitor	benurestat
	renal dehydropeptidase inhibitor	cilastatin
	pepsin inhibitor	pepstatin
-ster-	steroids (androgens, anabolics)	testosterone
-steride	testosterone reductase inhibitors	epristeride fenasteride
-stigmine	cholinesterase inhibitors (physostigmine type)	quilostigmine teserstigmine
-stim	colony-stimulating factors	
subgroups:		
-distim	conjugates of two different types of colony-stimulating factors	milodistim
-gramostim	granulocyte macrophage colony-stimulating factors (GM-CSF)	molgramostim regramostim sargramostim ecogramostim
-grastim	granulocyte colony-stimulating factors (G-CSF)	filgrastim lenograstim
-mostim	macrophage colony-stimulating factors (M-CSF)	mirimostim
-plestim	interleukin 3 derivatives; pleiotropic colony-stimulating factors	daniplestim

-stinel	(N-methyl-D-aspartate) NMDA receptor antagonist, glycine recognition site	licostinel
-sulam	antineoplastics, apoptosis inducing sulfonamide	indisulam
sulfa-	antimicrobials (sulfonamides derivatives)	sulfasalazine
-sulfan	antineoplastics, alkylating agents (methanesulfonate derivatives)	busulfan
-lind	pro-apoptotic cGMP phosphodiesterase inhibitors	ractalind
subgroups:		
-sulind	antineoplastics, sulindac metabolites	exisulind dractalind
-tansine	maytansinoid derivatives	mertansine emtansine
-tant	tachykinin (neurokinin) receptor antagonists	
subgroups:		
-dutant	NK ₂ receptor antagonists	saredutant
-netant	NK ₃ receptor antagonists	osanetant
-pitant	NK ₁ receptor antagonists	dapitant zinapitant lanepitant
-tapide	microsomal triglyceride transfer protein (MTP) inhibitors	implitapide
-taxel	antineoplastics, taxane derivatives	paclitaxel
-tecan	antineoplastics (camptothecine derivatives)	topotecan irinotecan
-tecarin	antineoplastics (rebeccamycin derivatives)	becatecarin
-tepa	antineoplastics (thiotepa derivatives)	azetepa
-teplase	(see -ase)	

-termin	(see -ermin)	
-terol	bronchodilators (phenethylamine derivatives)	albu terol
-tesind	thymidilate synthetase inhibitors (benzindole derivatives)	met esind
-texafin	texaphryn derivatives	mo texafin
-thiazide	diuretics (thiazide derivatives)	chloro thiazide
-tiapine	antipsychotics (dibenzothiazepine derivatives)	qui tiapine
-tiazem	calcium channel blockers (diltiazem type)	dil tiazem clen tiazem ipro tiazem
-tibant	antiasthmatics (bradykinin antagonists)	ica tibant
-tide	peptides	octreo tide
subgroups:		
-actide	synthetic corticotropins	sera ctide
-fibatide	platelet aggregation inhibitors (glycoprotein IIb/IIIa receptor antagonists)	epti fibatide
-gaptide	gap junction protein channel modulators	ro <i>ti</i> gaptide
-glutide	GLP peptide analogs	lira glutide
-lintide	amylin derivatives or mimics	pram <i>lin</i> tide
-murtide	peptides with muranic acid present	mifa murtide
-netide	neurologic indications	davu netide
-paratide	parathyroid hormone related peptide	sem <i>pa</i> ratide
-potide	peptides with prostate cancer indications	tiga potide
-pultide	peptides used as pulmonary surfactants	sina pultide
-ritide	atrial natriuretic type substances	cender ritide
-zotide	zonulin antagonists	lara zotide

-tidine	H ₂ -receptor antagonists (cimetidine type) donet idine	lupit idine ranit idine
-tinib	tyrosine kinase inhibitors	caner tinib , Mubrit inib
Subgroup:		
-metinib	mitogen-activated protein (MAP) kinase inhibitors	selum etinib tram etinib
-tirelin	(see -relin)	
-tirome	antihyperlipidemic, thymomimetic derivatives	sobet irome
-tocin	oxytocin derivatives	oxy tocin
-toclax	BCL-2 (B-cell lymphoma 2) inhibitors	obat oclax mesylate
-toin	antiepileptics (hydantoin derivatives)	albut oin
-toran	TLR4 receptor antagonists	erit oran
-tox(a)-	toxins	ur tox azumab
-traline	selective serotonin reuptake inhibitors (SSRI)	ser traline
-traposin	aP2 inhibitors	sel traposin
-trexate	antimetabolites (folic acid derivatives)	methot rexate
-trexed	antineoplastic thymidylate synthetase inhibitors	pemet trexed ralit trexed nolat trexed
-tricin	antibiotics (polyene derivatives)	mepar tricin
-tril/-trilat	endopeptidase inhibitors	candoxa tril candoxa trilat
subgroup:		
-patril/ -patrilat	ACE (angiotensin-1 converting enzyme) and NEP (neutral endopeptidase) inhibitors	omapa trilat

-triptan	antimigraine agents (5-HT ₁ receptor agonists); sumatriptan derivatives	naratriptan oxitriptan sumatriptan
-triptyline	antidepressants (dibenzo[a,d]cycloheptane derivatives)	amitriptiline
-troban	antithrombotics (thromboxane A ₂ receptor antagonists)	daltroban sulotroban
-trodist	(see -ast)	
-troline	antipsychotics (dopamine D ₂ antagonists)	carvotroline gevotroline
-trombopag	thrombopoietin agonists	eltrombopag
trop- or -trop-	atropine derivatives	benztropine
-uclit	mucosal tolerance inhibitors	
-uplase	(see -ase)	
-uracil	uracil derivatives used as thyroid antagonists and as antineoplastics	fluorouracil
-urad	urate transporter (e.g., URAT 1) inhibitors	lesinurad
-(ur)amidine -uridine	pentamidine derivatives/analogues antivirals; antineoplastics (uridine derivatives)	pafuramidine idoxuridine
-vaptan	vasopressin receptor antagonists	conivaptan relcovaptan
-vastatin	(see -stat)	
-verine	spasmolytic agents (papaverine type)	mebeverine
vin- or -vin-	vinca alkaloids	vinepidine apovincamine

vir-, -vir- or -vir	antivirals	ganciclov ir en vir adine vi roxime al vir cept delav ir dine
subgroups:		
-amivir	neuraminidase inhibitors	zan amivir
-buvir	RNA polymerase (NS5B) inhibitor	nes buvir
-cavir	carbocyclic nucleosides	lobu cavir
-cyclovir/ -ciclovir	antivirals (acyclovir type)	des ciclovir fam ciclovir pen ciclovir
-gosivir	glucosidase inhibitor	cel gosivir
-navir	HIV protease inhibitors (saquinavir type)	droxi navir indi navir riton navir
-previr	serine protease inhibitors	boce previr , telap previr
-sporivir	cyclosporine derivatives	alisi sporivir
-tegravir	integrase inhibitors	elvite gravir
-virenz	antivirals (non-nucleoside reverse transcriptase inhibitors; benzoxazinone derivatives)	efav virenz
-vircept	(see -cept)	
-virdine	(see virine)	
-virenz	(see vir)	
-virimat	antiviral, disrupts viral maturation	bevi rimat
-virine	non-nucleoside reverse transcriptase inhibitors, not benzoxazinone derivatives	rilpi virine

-viroc	CCR5 antagonists	marav <i>viroc</i>
-criviroc	CCR5 antagonists, immunomodulators	ancr <i>iviroc</i>
-vudine	antineoplastics; antivirals (zidovudine group) (exception: edoxudine)	stav <i>vudine</i> lamiv <i>vudine</i> alov <i>vudine</i>
-xaban	antithrombotic: blood coagulation factor X ^A inhibitors	tamix <i>xaban</i>
-xanox	antiallergic respiratory tract drugs (xanoxic acid derivatives)	tix <i>xanox</i>
-(x)antrone	antineoplastics, mitoxantrone derivatives aza-anthracenedione class of antitumor agents	pix <i>antrone</i>
-zolamide	carbonic anhydrase inhibitors	brinz <i>zolamide</i> dor <i>zolamide</i> sez <i>zolamide</i>
-zolast	(see -ast)	
-zolid	oxazolidinone antibacterials	eperez <i>zolid</i> line <i>zolid</i>
-zomib	proteasome inhibitors	bortez <i>omib</i>
-zotan	5-HT _{1A} receptor agonists/antagonists acting primarily as neuroprotectors	robal <i>zotan</i> sariz <i>zotan</i> ibal <i>zotan</i> leco <i>zotan</i>

*This list represents common stems for which chemical and/or pharmacologic parameters have been established. These stems and their definitions have been approved by the USAN Council and are recommended for use in coining new nonproprietary names for drugs that belong to an established series of related agents. The list is not exhaustive in that it does not include all stems used by the Council and other national or international nomenclature groups. It is the nature of the nomenclature process that new, potential stems are constantly being created and that definitions of older stems may need to be modified as new information becomes available.