

New Stems

Approved by the USAN Council 1/25/08

Stem	Subgroup	Definition	Examples
-antel	-quantel	2-deoxoparaherquamide A derivatives	<i>derquantel</i>
-arsin		organoarsenic compounds	<i>darinaparsin</i>
-basib		inhibitors of the ADAM (A disintegrin and A metalloprotease) enzymes (sheddases)	
	-erbasib	ErbB-2 sheddase inhibitors	<i>aderbasib</i>
-clostox		botulinum toxins	<i>onaclostox</i>
-denant		adenosine 2A antagonists	<i>preladenant</i>
-domide		thalidomide derivatives	<i>lenalidomide</i>
fos- (formerly -fo-)		phosphoro-derivatives	<i>fosinoprilat</i>
-gliatin		glucokinase enzyme inhibitors (typically antidiabetics)	<i>piragliatin</i>
-nab-, nab-,	-nabant	cannabinol derivatives CB cannabinoid receptor antagonists	<i>rimonabant</i>
-rocin		t-RNA synthetase inhibitors	<i>bederocin</i>
-stat	-gacestat -glustat -lanstat -quistat -tiostat -xostat	gamma secretase inhibitors glucosyltransferase inhibitors lanosterol 14 α -demethylase inhibitors squalene synthase inhibitors glutathione -s- transferase inhibitors xanthine oxydase and xanthine	<i>semagacestat</i> <i>miglustat</i> <i>azalanstat</i> <i>lapaquistat</i> <i>ezatiostat hydrochloride</i> <i>febuxostat</i>
-tide	-zotide	zonulin receptor antagonists	<i>larazotide acetate</i>
-tril/-trilat	-patril/-patrilat	endopeptidase inhibitors ACE (angiotensin-1 converting enzyme) and NEP (neutral endopeptidase) inhibitors	<i>omapatrilat</i>

Revised Definitions/Information

Stem	Old Definition	New Definition	Examples
-opilone	epothilone	epothilones	<i>sagopilone</i>
-lutamide	antiandrogens	non-steroid antiandrogens	<i>bicalutamide, flutamide</i>
-mastat (under -stat stem)	antineoplastics (matrix metalloprotease inhibitors)	matrix metalloproteinase inhibitors	<i>batimastat</i>
-toclax	antineoplastic, BCL-2 inhibitor	BCL-2 (B-cell lymphoma 2) inhibitors	<i>obatoclax mesylate</i>

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