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## Polyhydroxylated alkaloids -- natural occurrence and therapeutic applications

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332	5-(4-Fluoro-benzylidene)-4'-(4-fluoro-phen-yl)-1,1'-dimethyl-dispiro-[piperidine-3,3'-pyrrolidine-2',3''-indoline]-4,2''-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2839-40	
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297	Production of the $\beta$ -glucosidase inhibitor 1-deoxynojirimycin from <i>Bacillus</i> species. <b>2013</b> , 138, 516-23		47
296	Novel 2-aryl-3,4,5-trihydroxypiperidines: Synthesis and glucosidase inhibition. <b>2013</b> , 24, 1059-1063		8
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294	Stereocomplementary routes to hydroxylated nitrogen heterocycles: total syntheses of casuarine, australine, and 7-epi-australine. <b>2013</b> , 19, 10595-604		49
293	(3 <i>R</i> ,4 <i>S</i> ,5 <i>R</i> ,6 <i>R</i> ,7 <i>S</i> )-3,4,5,7-Tetrahydroxyconidine, an azetidone analogue of 6,7-diepicastanospermine and a conformationally constrained d-deoxyaltronojirimycin, from l-arabinose. <b>2013</b> , 21, 4813-9		6
292	A sort synthesis of polyhydroxylated pyrrolidines via sequential 1,3-dipolar cycloaddition and reductive amination. <i>Tetrahedron</i> , <b>2013</b> , 69, 8921-8928	2.4	13
291	Double Asymmetric Induction in Organocatalyzed Aldol Reactions: Total Synthesis of (+)-2-epi-Hyacinthacine A2 and (1 <i>R</i> )-3-epi-Hyacinthacine A1. <b>2013</b> , 2013, 5555-5560		15
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289	Intake of mulberry 1-deoxynojirimycin prevents diet-induced obesity through increases in adiponectin in mice. <b>2013</b> , 139, 16-23		75
288	Convenient synthesis of epimeric indolizidines by the intramolecular 1,3-dipolar cycloaddition of a sugar derived N-(3-alkenyl)nitron. <i>Tetrahedron</i> , <b>2013</b> , 69, 9826-9831	2.4	14
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286	Stereoselective strategy for the synthesis of (+)-polyoxamic acid and some polyhydroxylated pyrrolidines. <b>2013</b> , 54, 6189-6191		3
285	Rapid detection of polyhydroxylated alkaloids in mulberry using leaf spray mass spectrometry. <b>2013</b> , 5, 2455		10
284	Synthesis of polyhydroxylated quinolizidines and azaspiro[4.5]decanes from D-xylose. <b>2013</b> , 15, 6214-7		29

283	Stereodivergent synthesis of iminosugars from stannylated derivatives of (S)-vinylglycinol. <b>2013</b> , 15, 160-3		15
282	Cooperative titanocene and phosphine catalysis: accelerated C-X activation for the generation of reactive organometallics. <b>2013</b> , 78, 253-69		33
281	Asymmetric synthesis of (1R,7aS)-absoulone. <i>Tetrahedron</i> , <b>2013</b> , 69, 1369-1377	2.4	25
280	β-Glucosidase enzyme inhibitory and free radical scavenging constituents from <i>Premna tomentosa</i> Linn.. <b>2013</b> , 6, 893-896		1
279	Stereoselective synthesis of (1R,8-epi-swainsonine starting with a chiral aziridine. <b>2013</b> , 54, 553-556		17
278	Quantitative determination of 1-deoxynojirimycin in mulberry leaves from 132 varieties. <b>2013</b> , 49, 782-784		38
277	Improvement of a gas chromatographic method for the analysis of iminosugars and other bioactive carbohydrates. <b>2013</b> , 1289, 145-8		10
276	β-Glucosidase-inhibitory iminosugars from the leaves of <i>Suregada glomerulata</i> . <b>2013</b> , 21, 6796-803		12
275	Highly stereoselective cycloadditions of Danishefsky's diene to (1R,8-phenylmenthyl and (+)-8-phenylneomenthyl glyoxylate N-phenylethylimines. <i>Tetrahedron</i> , <b>2013</b> , 69, 2909-2919	2.4	6
274	Polyhydroxylated pyrrolidine and 2-oxapyrrolizidine as glycosidase inhibitors. <b>2013</b> , 4, 783		6
273	General synthesis of sugar-derived azepane nitrones: precursors of azepane iminosugars. <b>2013</b> , 78, 3208-21		27
272	Stereoselective Synthesis of Trifluoromethyl Analogues of Polyhydroxypyrrolidines. <b>2013</b> , 2013, 2692-2698		18
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270	Stereoselective synthesis of (2S,3S,4R,5S)-3,4-dihydroxy-2,5-dihydroxymethyl pyrrolidine from L-sorbose. <b>2013</b> , 374, 14-22		
269	Ring-Rearrangement Metathesis of 7-Aza[10]bornenes as an Entry to 1-Azabicyclo[n.3.0]alkenones. <b>2013</b> , 2013, 3817-3824		10
268	A Concise and Divergent Approach to Hydroxylated Piperidine Alkaloids and Azasugar Lactams. <b>2013</b> , 2013, 2230-2236		9
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264	Asymmetric Formal Synthesis of (R)-Swainsonine by a Highly Regioselective and Diastereoselective Allylic Amination Using Chlorosulfonyl Isocyanate. <b>2013</b> , 2013, 4427-4433	13
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258	Stereoselectively fluorinated N-heterocycles: a brief survey. <b>2013</b> , 9, 2696-708	62
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248	Stereoselective Synthesis of 3,4-Dihydroxylated Prolines and Prolinols Starting from L-Tartaric Acid. <b>2014</b> , 51, 237-243	2

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