

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Castanospermum australe*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
16	FORMONONETIN	Wood				--
15	FIBER	Seed		5000.0	-1.024755749156767	--
11	CASTANOSPERMINE	Plant				--
11	CASTANOSPERMINE	Tissue Culture		40.0		--
11	CASTANOSPERMINE	Leaf	30.0	2700.0		--
11	CASTANOSPERMINE	Seed	2.0	3000.0		--
11	CASTANOSPERMINE	Fruit		30.0		--
7	SWAINSONINE	Seed				--
7	MEDICAGENIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	MEDICAGENIC-ACID	Wood				--
5	STARCH	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
3	AFRORMOSIN	Wood				--
3	BAYOGENIN	Wood				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	BAYOGENIN	Bark				--
1	AUSTRALINE	Seed				--
1	6-EPI-CASTANOSPERMINE	Seed		1000.0		--
1	7,7A-DIEPIALEXINE	Seed		1000.0		--
1	3-EPI-AUSTRALINE	Leaf				--
1	6-EPI-CASTANOSPERMINE	Leaf				--
1	3-EPI-AUSTRALINE	Seed		1600.0		--
1	3,7A-DIEPIALEXINE	Seed				--
1	1-EPIAUSTRALINE	Leaf		5.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	1,7A-DIEPIALEXINE	Seed		650.0		--
1	1,7A-DIEPIALEXINE	Plant				--
1	7,7A-DIEPIALEXINE	Plant				--
1	KOPARIN	Wood		13.0		--
0	SAPONIN	Wood				Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
0	7,7ALPHA-DIEPIALEXINE	Plant				--
0	FAGOMINE	Seed				--
0	SAPONIN	Seed		72300.0	-0.13213750978265223	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	CASTARALESIDE-H	Leaf		0.9		--
0	N-(HYDROXY-ETHYL)-2-(HYDROXY-METHYL)-3-HYDROXYPYRROLIDINE	Seed				--
0	SAPONIN	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	CASTARALESIDE-G	Leaf		1.0		--
0	1,7ALPHA-DIEPIALEXINE	Plant				--
0	3-HYDROXY-2-HYDROXY-METHYL-PYRROLIDINE-HYDROCHLORIDE	Seed				--
0	PROTEIN	Seed		32000.0	-1.7950805263789877	--
0	CASTARALESIDE-F	Leaf		3.0		--
0	6,7-DIEPICASTANOSPERMINE	Seed				--
0	FAT	Seed		7000.0	-1.3610198680981846	--
0	MEDICAGENIC-ACID-3-O-BETA-D-GLUCOSIDE	Leaf		4.0		--
0	CASTANOGENIN	Seed				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	CASTANOGENOL	Bark				--
0	CASTANOGENIN	Wood		360.0		--
0	BAYIN	Wood		3700.0		--