

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Harpagophytum procumbens*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
77	ZINC	Root	0.3	1.8	-0.9801103054105488	--
20	VERBASCOSIDE	Root				--
20	VERBASCOSIDE	Plant				--
3	VALINE	Root				--
89	URSOLIC-ACID	Tuber				--
89	URSOLIC-ACID	Root				--
4	TIN	Root	5.0	24.0	0.7637747609302243	--
14	SUCROSE	Root		27300.0	-0.9841312900669343	--
14	SUCROSE	Tuber				--
12	STIGMASTEROL	Tuber				--
8	STEARIC-ACID	Tuber				--
1	STACHYOSE	Root	6000.0	460000.0	0.31750232929843175	--
1	STACHYOSE	Tuber				--
10	SQUALENE	Tuber				--
1	SODIUM	Root	136.0	718.0	-0.17846091709932732	--
4	SILICON	Root	0.8	4.3	-0.32315188483809987	--
1	SERINE	Root		450.0	-1.6398861309683237	--
60	SELENIUM	Root	0.3	1.5	-0.25574803129140883	--
15	RIBOFLAVIN	Root				--
1	RAFFINOSE	Tuber				--
1	RAFFINOSE	Root	3000.0	24000.0	-0.8101404467277987	--
14	POTASSIUM	Root	1883.0	9910.0	-0.4297324351495235	--
4	PHOSPHORUS	Root	134.0	707.0	-0.49387369829927447	--
7	PHENYLALANINE	Root				--
13	PALMITIC-ACID	Tuber				--
18	OLEIC-ACID	Tuber				--
64	OLEANOLIC-ACID	Root				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
64	OLEANOLIC-ACID	Tuber				--
39	NIACIN	Root	15.0	79.0	0.8335630063290778	--
1	N-NONACOSANE	Tuber				--
2	N-HEXACOSANE	Tuber				--
3	N-HENTRIACONTANE	Tuber				--
14	MANGANESE	Root	2.0	7.7	-0.4539282012059865	--
65	MAGNESIUM	Root	1034.0	5440.0	1.5316389141216484	--
4	LYSINE	Root				--
78	LUTEOLIN	Root				--
78	LUTEOLIN	Tuber				--
27	LINOLEIC-ACID	Tuber				--
2	LEUCINE	Root				--
75	KAEMPFEROL	Root				Abstract (See species file)
75	KAEMPFEROL	Tuber				--
5	KAEMPFERIDE	Tuber				--
6	IRON	Root	55.0	290.0	-0.020343963862057824	--
1	IRIDOIDS	Root	1000.0	30000.0		--
1	IRIDOIDS	Leaf				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
7	HISTIDINE	Root				--
6	HARPAGOSIDE	Tuber				--
6	HARPAGOSIDE	Leaf				--
6	HARPAGOSIDE	Stem				--
6	HARPAGOSIDE	Fruit				--
6	HARPAGOSIDE	Flower				--
6	HARPAGOSIDE	Tissue Culture				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	HARPAGOSIDE	Root	1000.0	30000.0		--
6	HARPAGIDE	Tuber				--
6	HARPAGIDE	Root		546.7		--
12	GLYCINE	Root				--
8	GLUTAMIC-ACID	Root				--
7	GLUCOSE	Root		2500.0	-0.9499312356047811	--
7	GLUCOSE	Tuber				--
1	GALACTOSE	Root		3600.0	-1.0	--
1	GALACTOSE	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
8	FRUCTOSE	Root		2700.0	-0.529803942677962	--
8	FRUCTOSE	Tuber				--
15	FISETIN	Root				Abstract (See species file)
15	FISETIN	Tuber				--
5	DAUCOSTEROL	Tuber				--
5	DAUCOSTEROL	Root				--
2	COBALT	Root	3.0	14.5	-0.23048536047099405	--
18	CINNAMIC-ACID	Root				--
18	CINNAMIC-ACID	Tuber				--
24	CHROMIUM	Root	0.2	1.2	-0.32076409255495114	--
77	CHLOROGENIC-ACID	Root				--
77	CHLOROGENIC-ACID	Tuber				--
2	CAMPESTEROL	Tuber				--
28	CALCIUM	Root	1151.0	6060.0	-0.1470613057174478	--
102	CAFFEIC-ACID	Root				--
47	BETA-SITOSTEROL	Tuber				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
53	BETA-CAROTENE	Root				--
3	ASPARTIC-ACID	Root		160.0	-1.2748319398126813	--
112	ASCORBIC-ACID	Root				--
14	ARGININE	Root		840.0	-0.4965861004016072	--
5	ALUMINUM	Root	178.0	939.0	0.1913466692650815	--
3	ALANINE	Root		60.0	-1.665072432864305	--
1	ACETOSIDE	Root				Abstract (See species file)