

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Paeonia suffruticosa*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
47	BETA-SITOSTEROL	Root Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
35	TANNIN	Root Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	BENZOYLPAEONIFLORIN	Root Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
5	STARCH	Root Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	L-ARABINOSE	Root Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
0	1,2,3,4,6-PENTAGALLOYLGLUCOSE	Root Bark				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	BENZOYLOXYPAEONIFLORIN	Root Bark				--
0	KAEMPFEROL-3-BETA-GLUCOSIDE	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	PHYTOSTEROLS	Root Bark				--
20	BENZOIC-ACID	Root Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
176	QUERCETIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	KAEMPFEROL-3,7-DIGLUCOSIDE	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PAEONOL-D-APIO-BETA-D-FURANOSYL-(1->6)-BETA-D-GLUCOPYRANOSIDE	Root Bark				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
75	KAEMPFEROL	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	APIGENIN-7-RHAMNOGLUCOSIDE	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PAEONOL-BETA-GLUCOSIDE	Root Bark				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
1	PAEONOSIDE	Root Bark				--
0	APIGENIN-7-GLUCOSIDE	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	3-HYDROXY-4-ACETOPHENONE	Root Bark				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
1	PAEONOLIDE	Root Bark				--
1	D-GLUCOSE	Root Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
0	2,3-DIHYDROXY-4-METHOXYACETOPHENONE	Root Bark				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
20	PAEONIFLORIN	Root Bark	6000.0	50000.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GLUCOPAENOL	Root Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PAENOL	Root Bark	1900.0	35000.0		--
2	CAMPESTEROL	Root Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
0	EO	Root Bark	1500.0	4000.0		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	OXYPAEONIFLORIN	Root Bark				--
65	MAGNESIUM	Root Bark	930.0	1180.0	-1.2065855919594075	--
1	SODIUM	Root Bark	178.0	180.0	-1.071911542370762	--
12	COPPER	Root Bark	5.0	6.0	-0.8436614877321073	--
6	IRON	Root Bark	95.0	120.0	-0.8274270230713207	--
77	ZINC	Root Bark	10.0	15.0	-0.8207826816681236	--
14	MANGANESE	Root Bark	10.0	34.0	-0.7266095069614309	--
2	ARSENIC	Root Bark		0.09	-0.6402693370466567	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
14	POTASSIUM	Root Bark	4580.0	6700.0	-0.44986187824100266	--
28	CALCIUM	Root Bark	5150.0	16700.0	-0.2795716516165602	--