

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Paeonia lactiflora*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(Z)-1S,5R-ALPHA-PINEN-10-YL-ALPHA-VICIANOSIDE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
3	1,2,3,4,6-PENTA-O-GALLOYL-GLUCOSE	Root				Economic & Medicinal Plant Research, 1: 53.
0	13-METHYLMYRISTIC-ACID	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ALBIFLORIN	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
2	ARSENIC	Root		0.12	-0.2023884851751127	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.
7	ASTRAGALIN	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
20	BENZOIC-ACID	Root		11000.0	1.0000000000000002	Chemical Constituents of Oriental Herbs (3 diff. books)
0	BENZOYLPAEONIFLORIN	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
0	BETA-GLUCOGALLIN	Flower				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
47	BETA-SITOSTEROL	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	BETA-SITOSTEROL-ALPHA-GLUCOSIDE	Flower				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
28	CALCIUM	Root	10300.0	40600.0	3.635691935813249	--
0	CIS-9,12-OCTADECADIENOIC-ACID	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
12	COPPER	Root	3.0	6.0	-0.6332899539444546	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	DAUCOSTEROL	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	DECAGALLOYL-GLUCOSE	Root				Economic & Medicinal Plant Research, 1: 53.
0	EO	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
62	GALLIC-ACID	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	GALLOYL-TANNINS	Root	20000.0	40000.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	GLUCOGALLIN	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	GLUCOSE	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
9	HEDERAGENIN	Root				Economic & Medicinal Plant Research, 1: 53.
0	HEPTAGALLOYL-GLUCOSE	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	HEXAGALLOYL-GLUCOSE	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
6	IRON	Root	40.0	47.0	-0.3733720521591977	--
75	KAEMPFEROL	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	LACTIFLORIC-ACID	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	LACTIFLORIN	Root				--
0	LACTIFLORIN	Plant				--
27	LINOLEIC-ACID	Root				Economic & Medicinal Plant Research, 1: 53.
65	MAGNESIUM	Root	580.0	990.0	-0.836226916584038	--
14	MANGANESE	Root	14.0	20.0	-0.3070547518662765	--
0	MESO-INOSITOL	Bud				--
0	MESO-INOSITOL	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
16	METHYL-GALLATE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	MYO-INOSITOL	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	NONAGALLOYL-GLUCOSE	Root				Economic & Medicinal Plant Research, 1: 53.
0	OCTAGALLOYL-GLUCOSE	Root				Economic & Medicinal Plant Research, 1: 53.
0	OXYPAEONIFLORIN	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
0	PAENOL	Root		0.0		--
0	PAEONIDIN	Flower				Chemical Constituents of Oriental Herbs (3 diff. books)
1	PAEONIFLORIGENONE	Root		400.0		Chemical Constituents of Oriental Herbs (3 diff. books)
20	PAEONIFLORIN	Root	1900.0	5000.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PAEONIFLORQUINONE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
0	PAEONIN	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
20	PAEONOL	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
1	PAEONOLIDE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
1	PAEONOSIDE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
13	PALMITIC-ACID	Root				Economic & Medicinal Plant Research, 1: 53.
0	PENTACOSAN	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
8	PENTAGALLOYL-GLUCOSE	Root				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
14	POTASSIUM	Root	5000.0	7860.0	-0.5798404681373998	--
176	QUERCETIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
6	QUERCIMERITRIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	SODIUM	Root	196.0	286.0	-0.3796065969858577	--
14	SUCROSE	Bud				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
35	TANNIN	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
77	ZINC	Root	15.0	24.0	-0.007801464517301675	--