

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Dianthus caryophyllus*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3,5-DI-O-(BETA-GLUCOPYRANOSYL)-CYANIDIN-6"-O-4,6""-O-1-CYCLIC-MALATE	Flower				--
0	3,5-DI-O-(BETA-GLUCOPYRANOSYL)-PELARGONIDIN-6"-O-4,6""-O-1-CYCLIC-MALATE	Flower				--
30	ANTHOCYANINS	Flower				--
17	BENZYL-BENZOATE	Flower	3.0	1160.0	1.9610848238814407	--
2	BENZYL-SALICYLATE	Flower	2.0	145.0	1.4136780074766173	--
0	CIS-HEXENYL-BENZOATE	Flower	0.3	320.0		--
0	CYANIDIN-3,5-GLUCOSIDE	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	CYANIDIN-3-GLUCOSIDE	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	CYANIDINS	Flower				--
4	DIANTHIN-30	Leaf				--
4	DIANTHIN-32	Leaf				--
0	EO	Flower	30.0	2900.0	-0.3267749965757707	--
76	EUGENOL	Flower	0.6	870.0	-0.36790032586332355	--
0	HEPTACOSANE	Flower				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
0	ISOLYCHNOSE	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	KAEMPFERIDE-TRIGLYCOSIDE	Plant				--
0	LAKTORINE	Root				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	LYCHNOSE	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
21	METHYL-SALICYLATE	Flower		29.0	1.410805403113392	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
24	PECTIN	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PELARGONIDIN-3,5-GLUCOSIDE	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PELARGONIDIN-3-GLUCOSIDE	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PHENYL-ETHYL-ALCOHOL	Flower	160.0	205.0	1.6057098674905912	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
1	RAFFINOSE	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	SAPONIN	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	STACHYOSE	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
14	SUCROSE	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.