

**Dr. Duke's Phytochemical and Ethnobotanical Databases**

**Chemicals found in *Chrysanthemum x morifolium***

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
67	1,8-CINEOLE	Plant	24.0	90.0	-0.5364006987067864	Wealth of India.
16	ACACETIN	Flower				Wealth of India.
16	ACETIC-ACID	Flower				Wealth of India.
28	ADENOSINE	Plant				--
3	ALPHA-CADINOL	Plant	18.0	70.0	0.7812684206594567	Wealth of India.
28	ALPHA-PINENE	Plant	3.0	14.0	-0.4715678091747994	Wealth of India.
3	ALPHA-SELINENE	Plant	32.0	120.0	1.6504862173312838	Wealth of India.
13	ALPHA-TERPINENE	Plant	6.0	24.0	-0.4654209872833327	Wealth of India.
7	ANISALDEHYDE	Flower				Wealth of India.
2	APIGENIN-7-O-GLUCOSIDE	Flower				Wealth of India.
3	AR-CURCUMENE	Plant	4.0	15.0	-0.514502295665997	Wealth of India.
3	ARTEGLASIN-A	Plant				Wealth of India.
1	BEHENIC-ACID	Flower				Wealth of India.
24	BENZALDEHYDE	Flower				Wealth of India.
20	BENZOIC-ACID	Flower				Wealth of India.
9	BETA-AMYRIN	Flower				Wealth of India.
5	BETA-ELEMENE	Plant	2.0	6.0	-0.45349400861411276	Wealth of India.
5	BETA-ELEMENE	Flower				Wealth of India.
13	BETA-PINENE	Plant	0.4	1.5	-0.4338670087455951	Wealth of India.
47	BETA-SITOSTEROL	Flower				Wealth of India.
35	BORNEOL	Plant	12.0	45.0	-0.6302706844154905	Wealth of India.
35	BORNEOL	Flower				--
12	BORNYL-ACETATE	Plant	30.0	115.0	-0.39546516463620013	Wealth of India.
12	BORNYL-ACETATE	Flower				Wealth of India.
2	CAMPESTEROL	Flower				Wealth of India.
9	CAMPHENE	Plant	8.0	30.0	-0.5545069597862352	Wealth of India.
41	CAMPHOR	Flower				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	CARYOPHYLLENE-OXIDE	Plant	15.0	57.0	-0.30752562113988746	Wealth of India.
1	CHLOROCHRYMORIN	Plant				--
20	CHOLINE	Flower				--
1	CHRYSANTHEMOL	Flower				Wealth of India.
2	CHRYSANTHENONE	Flower				Wealth of India.
4	COSMOSIIN	Plant				--
24	ETHANOL	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	GERMACRENE-D	Plant	36.0	130.0	-0.3120042673282946	Wealth of India.
1	LIGNOCERIC-ACID	Flower				Wealth of India.
53	LINALOOL	Plant	3.0	10.0	-0.6629650658166377	Wealth of India.
7	LINALYL-ACETATE	Plant	6.0	23.0	-0.567007818782863	Wealth of India.
1	LINARIN	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
78	LUTEOLIN	Flower				Wealth of India.
7	LUTEOLIN-7-GLUCOSIDE	Flower				--
22	MYRCENE	Plant	24.0	90.0	-0.37722360475393335	Wealth of India.
11	NEROLIDOL	Plant	10.0	42.0	-0.18982104327431903	Wealth of India.
16	P-CYMENE	Plant	3.0	14.0	-0.4166106950305513	Wealth of India.
13	PALMITIC-ACID	Flower				Wealth of India.
6	PROPIONIC-ACID	Flower				Wealth of India.
5	SABINENE	Plant	4.0	17.0	-0.441840720596955	Wealth of India.
6	STACHYDRINE	Flower				--
8	STEARIC-ACID	Flower				Wealth of India.
12	STIGMASTEROL	Flower				Wealth of India.
71	THYMOL	Flower				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
89	URSOLIC-ACID	Flower				Wealth of India.