

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Hyacinthus orientalis*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	1,2,4-TRIMETHOXYBENZENE	Flower	5.0	69.0		--
0	1,2-DIMETHOXY-BENZENE	Flower	0.032	0.46		--
0	1,4-DIMETHOXY-BENZENE	Flower	0.32	4.6		--
0	1-OCTEN-3-OL	Flower	1.0	16.0	-1.3450603254694355	--
0	2-METHOXY-METHYL-BENZOATE	Flower	0.16	2.3		--
0	2-METHOXYBENZYL-ACETATE	Flower	0.032	0.46		--
0	2-METHOXYETHYL-ACETATE	Flower	0.032	0.46		--
0	6,10,14-TRIMETHYL-PENTADECAN-2-ONE	Flower	0.16	2.3		--
0	ALPHA-FARNESENE	Flower	0.16	2.3	-0.9999999999999997	--
24	BENZALDEHYDE	Flower	0.16	2.3	-1.0000000000000002	--
20	BENZOIC-ACID	Flower				--
9	BENZYL-ACETATE	Flower				--
9	BENZYL-ALCOHOL	Flower	64.0	920.0	2.0468130515884493	--
17	BENZYL-BENZOATE	Flower	10.0	138.0	-0.4207063568041429	--
1	BENZYL-FORMATE	Flower	0.08	1.15		--
2	BENZYL-SALICYLATE	Flower	0.32	4.6	-0.6731363572145393	--
0	BENZYL-TIGLATE	Flower	0.048	0.69		--
60	CINNAMALDEHYDE	Flower	0.48	6.9	1.0000000000000002	--
3	CINNAMYL-ACETATE	Flower	1.0	16.0		--
6	CINNAMYL-ALCOHOL	Flower				--
1	CIS-3-HEXENOL	Flower	0.032	0.46	-1.0	--
0	CIS-3-HEXENYL-ACETATE	Flower	0.016	0.23	-1.0	--
0	CIS-CINNAMYL-ALCOHOL	Flower	0.32	4.6		--
3	CIS-OCIMENE	Flower	0.016	0.23		--
0	CYANIDIN-3,5-GLUCOSIDE	Flower				--
0	DELPHINIDIN-3,5-GLUCOSIDE	Flower				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DIMETHYL-ANTHRANILATE	Flower				--
0	EO	Flower	160.0	2300.0	-0.346750299651172	--
1	ETHYL-BENZOATE	Flower	0.032	0.46		--
4	ETHYL-SALICYLATE	Flower	0.032	0.46		--
76	EUGENOL	Flower	0.32	4.6	-0.38245949222808684	--
35	GERANIOL	Flower	0.048	0.69	-0.5155613303828618	--
0	HEPTANAL-DIETHYL-ACETATE	Flower	0.016	0.23		--
0	HEPTANOL	Flower	0.016	0.23		--
3	HEXANOL	Flower	0.032	0.46	-1.0	--
32	HYDROQUINONE	Flower				--
1	HYDROQUINONE-DIMETHYL-ETHER	Flower				--
15	INDOLE	Flower	0.24	3.45	-0.6685210648469901	--
0	LINALOL	Flower	0.032	0.46	-0.3901353778588428	--
4	METHYL-BENZOATE	Flower	0.048	0.69	0.15355899757515004	--
0	METHYL-BENZYL-ETHER	Flower	0.016	0.23		--
6	METHYL-CHAVICOL	Flower	0.032	0.46		--
20	METHYL-EUGENOL	Flower	2.0	34.0	-1.0	--
0	METHYL-N-METHYL-ANTHRANILATE	Flower	1.0	7.0		--
0	METHYL-O-METHOXY-BENZOATE(?)	Flower				--
21	METHYL-SALICYLATE	Flower	0.16	2.3	-0.6204257287373236	--
0	METHYL-VERATRATE	Flower	0.016	0.23		--
22	MYRCENE	Flower	0.016	0.23	-0.9055293093578053	--
0	N-HEPTALDEHYDE(?)	Flower				--
1	N-HEPTANAL	Flower	0.032	0.46		--
0	N-HEPTANOL	Essential Oil				--
0	P-METHOXY-ACETOPHENONE	Flower	0.16	2.3		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	P-METHOXY-PHENYL-ETHYL-ACETATE	Flower	0.48	6.9		--
0	P.METHOXYPHENYLPROPYL-ALCOHOL	Flower	0.032	0.46		--
0	PELARGONIDIN-3,5-GLUCOSIDE	Flower				--
0	PHENYL-ETHYL-ALCOHOL	Flower	6.0	85.0	0.0423412338283523	--
0	PHENYLEHTYL-BENZOATE	Flower	2.0	28.0		--
0	PHENYLETHYL-SALICYLATE	Flower	0.064	0.92		--
0	PHENYLPROPYL-ACETATE	Flower	0.08	1.15		--
0	PHENYLPROPYL-ALCOHOL	Flower	1.0	18.0		--
0	SAPONIN	Twig				--
0	SAPONIN	Seed				--
0	TRANS-ALPHA-FARNESENE	Flower	1.0	14.0		--
0	TRANS-CINNAMYL-ALCOHOL	Flower	18.0	253.0		--
0	TRANS-OCIMENE	Flower	0.032	0.46		--
0	TRIMETHOXYMETHYL-BENZOATE	Flower	32.0	460.0		--
0	UNDECANONE	Flower	0.064	0.92		--
0	VERATRYL-ACETATE	Flower	0.048	0.69		--