

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

**Chemicals found in *Rosa damascena***

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
5	ZEAXANTHIN	Fruit				--
3	XANTHOPHYLL	Fruit				--
23	TERPINEN-4-OL	Essential Oil				--
1	RUBIXANTHIN	Fruit				--
44	QUERCITRIN	Flower				--
176	QUERCETIN	Flower				--
6	PHENETHYL-ALCOHOL	Essential Oil				--
2	PECTOLINARIGENIN	Plant				--
5	NERYL-ACETATE	Essential Oil				--
10	NEROL	Essential Oil				--
4	NERAL	Essential Oil				--
22	MYRCENE	Essential Oil				--
20	METHYL-EUGENOL	Essential Oil				--
16	LYCOPENE	Fruit				--
60	LIMONENE	Essential Oil				--
75	KAEMPFEROL	Plant				--
1	HEXYL-ACETATE	Essential Oil				--
3	HEXANOL	Essential Oil				--
2	GERMACRENE-D	Essential Oil				--
2	GERANYL-PROPIONATE	Essential Oil				--
5	GERANYL-ACETATE	Essential Oil				--
35	GERANIOL	Essential Oil				--
13	GERANIAL	Essential Oil				--
76	EUGENOL	Essential Oil				--
24	ETHANOL	Essential Oil				--
5	CYANIN	Flower				--
2	CITRONELLYL-ACETATE	Essential Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
15	CITRONELLOL	Essential Oil				--
60	CINNAMALDEHYDE	Essential Oil				--
77	CHLOROGENIC-ACID	Pollen Or Spore		15000.0		--
19	CARVONE	Essential Oil				--
9	CAMPHENE	Essential Oil				--
47	BETA-SITOSTEROL	Plant				--
13	BETA-PINENE	Essential Oil				--
1	BETA-PHENETHYLAMINE	Plant				--
24	BENZALDEHYDE	Essential Oil				--
28	ALPHA-PINENE	Essential Oil				--