

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Myrrhis odorata

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	2-ACETOXYFURANO-TRANS-1(10)-TRANS-4-DIENE	Resin, Exudate, Sap		3200.0		--
0	2-METHOXYFURANO-TRANS-1(10)-TRANS-4-DIENE	Resin, Exudate, Sap		4500.0		--
0	ALLO-AROMADENDRENE	Leaf Essent. Oil		15500.0	1.3807799015237083	--
28	ALPHA-PINENE	Essential Oil		100.0	-0.5591898169898767	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
28	ALPHA-PINENE	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
13	ALPHA-TERPINENE	Essential Oil		100.0	-0.7747708268930245	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
23	ALPHA-TERPINEOL	Leaf Essent. Oil		17500.0	-0.5110653400966044	--
36	ANETHOLE	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
36	ANETHOLE	Essential Oil				--
7	ANISALDEHYDE	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	APIGENIN-7-O-GLUCOSIDE	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
6	BETA-BISABOLENE	Leaf Essent. Oil		17000.0	1.662205826363639	--
0	BETA-CARYOPHYLLENE	Leaf Essent. Oil		17000.0	-0.3047404096508881	--
0	BETA-CYMENE	Essential Oil		300.0	-1.0	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
13	BETA-PINENE	Essential Oil		200.0	-0.7259449426675951	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
3	BETA-SELINENE	Leaf Essent. Oil		9500.0	-1.0	--
0	CHAVICOL-METHYL-ETHER	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
4	COSMOSIIN	Fruit				--
4	COSMOSIIN	Shoot				--
3	CYNAROSIDE	Fruit				--
3	CYNAROSIDE	Shoot				--
3	CYNAROSIDE	Leaf				--
3	CYNAROSIDE	Seed				--
2	ELEMOL	Leaf Essent. Oil		22000.0	1.0	--
0	ESTRGOLE	Essential Oil		17100.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	EUGENOL-METHYL-ETHER	Essential Oil		90800.0	1.9219809470755538	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
7	FUMARIC-ACID	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	GAMMA-MUUROLENE	Leaf Essent. Oil		9500.0	1.0	--
11	GAMMA-TERPINENE	Leaf Essent. Oil		8000.0	-0.6200117652254082	--
0	GAMMA-TERPINEOL	Leaf Essent. Oil		17500.0		--
2	GERMACRENE-D	Leaf Essent. Oil		15000.0	-0.5902784430038218	--
60	LIMONENE	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
60	LIMONENE	Essential Oil		2600.0	-0.7221001355471537	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
0	LONGIFOLENE	Leaf Essent. Oil		21000.0	1.0	--
2	LUTEOLIN-7-O-GLUCOSIDE	Plant				Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
22	MYRCENE	Leaf Essent. Oil		19000.0	-0.2928210941713737	--
18	OLEIC-ACID	Seed		53000.0	-0.5434090926367003	--
0	OSMORHIZOLE	Essential Oil				--
0	PETROSELINIC-ACID	Seed		732000.0	0.8189156930252594	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PETROSELINIC-ACID	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	PEUCEDANIN	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
23	TERPINEN-4-OL	Leaf Essent. Oil		6000.0	-0.49826105470425175	--
9	TERPINOLENE	Essential Oil		100.0	-0.3949127159868581	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
8	TRANS-ANETHOLE	Essential Oil		854800.0	1.4826457119294538	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
8	TRANS-ANETHOLE	Leaf Essent. Oil		850000.0	0.776777144254018	--