

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Acinos suaveolens*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
28	PULEGONE	Shoot		690400.0	5.1748151065168315	Jim Duke's personal files.
28	PULEGONE	Essential Oil		332200.0	-0.2510262354309938	Jim Duke's personal files.
30	MENTHONE	Shoot		13600.0	1.4904646322710717	Jim Duke's personal files.
13	BETA-PINENE	Shoot		11300.0	0.6704421301795939	Jim Duke's personal files.
0	ISOPULEGONE-II	Shoot		10100.0		Jim Duke's personal files.
28	ALPHA-PINENE	Shoot		9500.0	0.8000049482979785	Jim Duke's personal files.
0	EO	Shoot		6400.0	-0.3606541214489095	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
0	OCT-1-EN-3-OL	Shoot		4800.0	2.236004837776857	Jim Duke's personal files.
0	ISOPULEGONE-I	Shoot		3800.0		Jim Duke's personal files.
60	LIMONENE	Shoot		3700.0	1.5550426407712443	Jim Duke's personal files.
0	1,8-CINEOL	Shoot		3700.0		Jim Duke's personal files.
1	NAPHTHALENE	Shoot		3500.0	1.414213562373095	Jim Duke's personal files.
3	ISOMENTHONE	Shoot	1090.0	3255.0	0.04526454076518935	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
0	ISOPIPERITONE	Shoot		2800.0	1.0	Jim Duke's personal files.
0	OCTAN-3-OL	Shoot		2800.0	1.0	Jim Duke's personal files.
0	PARA-8-HYDROXY-MENTH-(4-5)-EN-3-ONE	Shoot		2500.0		Jim Duke's personal files.
2	BETA-MYRCENE	Shoot		2400.0	4.541065649101896	Jim Duke's personal files.
31	HESPERIDIN	Shoot		1993.3		Jim Duke's personal files.
0	3-METHYL-CYCLOHEXANONE	Shoot		1900.0		Jim Duke's personal files.
0	PARA-CYMENE	Shoot		1800.0		Jim Duke's personal files.
53	LINALOOL	Shoot		1800.0	-0.15489761133772154	Jim Duke's personal files.
23	TERPINEN-4-OL	Shoot		1400.0	0.41314255165211494	Jim Duke's personal files.
7	PIPERITONE	Shoot		1300.0	0.026815664497466373	Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3-6-DIMETHYL-4-5-6-7-OXYGEN HETEROCYCLE-BENZO-B-FURAN	Shoot		1300.0		Jim Duke's personal files.
0	TETRAHYDRO-BETA-BOURBONENE	Shoot		1100.0		Jim Duke's personal files.
9	CAMPHENE	Shoot		900.0	-0.05123938711110241	Jim Duke's personal files.
11	PERILLALDEHYDE	Shoot		710.0	0.9999999999999999	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
0	HEX-1-EN-3-OL	Shoot		700.0		Jim Duke's personal files.
0	N-UNDECANE	Shoot		600.0		Jim Duke's personal files.
22	ISOQUERCITRIN	Shoot		430.0	0.42825459357774576	Jim Duke's personal files.
176	QUERCETIN	Shoot		430.0	1.4131601686191924	Jim Duke's personal files.
0	3-METHYL-CYCLO-PENTANONE	Shoot		300.0		Jim Duke's personal files.
0	METHYLBENZENE	Shoot		300.0		Jim Duke's personal files.
0	OCTAN-3-ONE	Shoot		300.0		Jim Duke's personal files.
0	2-ETHYL-CYCLOBUTANOL	Shoot		200.0		Jim Duke's personal files.
24	BENZALDEHYDE	Shoot		200.0	0.2732930857952227	Jim Duke's personal files.
3	CYNAROSIDE	Shoot		123.3		Jim Duke's personal files.
16	ACETIC-ACID	Shoot		100.0		Jim Duke's personal files.
78	LUTEOLIN	Shoot		66.6	1.4142123318883386	Jim Duke's personal files.
4	COSMOSIIN	Shoot		50.0		Jim Duke's personal files.
13	GERANIAL	Shoot		50.0	-0.4938297693423076	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
3	PIPERITENONE	Shoot		45.0	-0.4513612391905648	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
1	NARIRUTIN	Shoot		26.6		Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
35	BORNEOL	Shoot		25.0	-0.3746172724318616	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
101	APIGENIN	Shoot		23.3	-1.0000000000000002	Jim Duke's personal files.
5	SABINENE	Shoot		20.0	-0.27462708173617634	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
9	DELTA-CADINENE	Shoot		20.0	-0.25857385516089326	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
0	LUTEOLIN-7-O-RUTINOSIDE	Shoot		20.0		Jim Duke's personal files.
0	DIDYMIN	Shoot		20.0		Jim Duke's personal files.
75	KAEMPFEROL	Shoot		16.6	-0.6110367475008089	Jim Duke's personal files.
37	CARVACROL	Shoot		15.0	-0.6206811135071817	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
22	MYRCENE	Shoot		15.0	-0.32521825907613217	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
0	NONANAL	Shoot		10.0	0.49623261661071855	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
23	ALPHA-TERPINEOL	Shoot		8.0	-0.2775891119286786	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
0	1-HEXEN-3-OL	Shoot		7.0		Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
7	CHRYSOERIOL	Shoot		6.6	-0.7384459049265101	Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
19	CARVONE	Shoot		5.0	-0.26013557630122097	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
67	1,8-CINEOLE	Shoot		5.0	-0.13552675308545786	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
71	THYMOL	Shoot		5.0	-0.33185702146293355	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
16	P-CYMENE	Shoot		4.0	-0.49823174186130514	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
63	MENTHOL	Shoot		3.0	-0.6414348966484517	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
11	GAMMA-TERPINENE	Shoot		3.0	-0.3922617810336187	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
3	ISOMENTHONE	Essential Oil				Jim Duke's personal files.