

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Acinos suaveolens*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1,8-CINEOL	Shoot	3700	3700		Jim Duke's personal files.
67	1,8-CINEOLE	Shoot	5	5	-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.
0	1-HEXEN-3-OL	Shoot	7	7		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	2-ETHYL-CYCLOBUTANOL	Shoot	200	200		Jim Duke's personal files.
0	3-6-DIMETHYL-4-5-6-7-OXYGEN HETEROCYCLE-BENZO-B-FURAN	Shoot	1300	1300		Jim Duke's personal files.
0	3-METHYL-CYCLO-PENTANONE	Shoot	300	300		Jim Duke's personal files.
0	3-METHYL-CYCLOHEXANONE	Shoot	1900	1900		Jim Duke's personal files.
16	ACETIC-ACID	Shoot	100	100		Jim Duke's personal files.
28	ALPHA-PINENE	Shoot	9500	9500	0.8000049482979785	Jim Duke's personal files.
23	ALPHA-TERPINEOL	Shoot	8	8	-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.
101	APIGENIN	Shoot	23.3	23.3	-1.0000000000000002	Jim Duke's personal files.
24	BENZALDEHYDE	Shoot	200	200	0.2732930857952227	Jim Duke's personal files.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	BETA-MYRCENE	Shoot	2400	2400	4.541065649101896	Jim Duke's personal files.
13	BETA-PINENE	Shoot	11300	11300	0.6704421301795939	Jim Duke's personal files.
35	BORNEOL	Shoot	25	25	-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.
9	CAMPHENE	Shoot	900	900	-0.05123938711110241	Jim Duke's personal files.
37	CARVACROL	Shoot	15	15	-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.
19	CARVONE	Shoot	5	5	-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.
7	CHRYSOEROL	Shoot	6.6	6.6	-0.7384459049265101	Jim Duke's personal files.
4	COSMOSIIN	Shoot	50	50		Jim Duke's personal files.
3	CYNAROSIDE	Shoot	123.3	123.3		Jim Duke's personal files.
9	DELTA-CADINENE	Shoot	20	20	-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	DIDYMIN	Shoot	20	20		Jim Duke's personal files.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	EO	Shoot	6400	6400	-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.
11	GAMMA-TERPINENE	Shoot	3	3	-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.
13	GERANIAL	Shoot	50	50	-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.
31	HESPERIDIN	Shoot	1993.3	1993.3		Jim Duke's personal files.
0	HEX-1-EN-3-OL	Shoot	700	700		Jim Duke's personal files.
3	ISOMENTHONE	Shoot	1090	3255	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.
3	ISOMENTHONE	Essential Oil	--	--		Jim Duke's personal files.
0	ISOPIPERITONE	Shoot	2800	2800	1	Jim Duke's personal files.
0	ISOPULEGONE-I	Shoot	3800	3800		Jim Duke's personal files.
0	ISOPULEGONE-II	Shoot	10100	10100		Jim Duke's personal files.
22	ISOQUERCITRIN	Shoot	430	430	0.42825459357774576	Jim Duke's personal files.
75	KAEMPFEROL	Shoot	16.6	16.6	-0.6110367475008089	Jim Duke's personal files.
60	LIMONENE	Shoot	3700	3700	1.5550426407712443	Jim Duke's personal files.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
53	LINALOOL	Shoot	1800	1800	-0.15489761133772154	Jim Duke's personal files.
78	LUTEOLIN	Shoot	66.6	66.6	1.4142123318883386	Jim Duke's personal files.
0	LUTEOLIN-7-O-RUTINOSIDE	Shoot	20	20		Jim Duke's personal files.
63	MENTHOL	Shoot	3	3	-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.
30	MENTHONE	Shoot	13600	13600	1.4904646322710717	Jim Duke's personal files.
0	METHYLBENZENE	Shoot	300	300		Jim Duke's personal files.
22	MYRCENE	Shoot	15	15	-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	N-UNDECANE	Shoot	600	600		Jim Duke's personal files.
1	NAPHTHALENE	Shoot	3500	3500	1.414213562373095	Jim Duke's personal files.
1	NARIRUTIN	Shoot	26.6	26.6		Jim Duke's personal files.
0	NONANAL	Shoot	10	10	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.
0	OCT-1-EN-3-OL	Shoot	4800	4800	2.236004837776857	Jim Duke's personal files.
0	OCTAN-3-OL	Shoot	2800	2800	1	Jim Duke's personal files.
0	OCTAN-3-ONE	Shoot	300	300		Jim Duke's personal files.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
16	P-CYMENE	Shoot	4	4	-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.
0	PARA-8-HYDROXY-MENTH-(4-5)-EN-3-ONE	Shoot	2500	2500		Jim Duke's personal files.
0	PARA-CYMENE	Shoot	1800	1800		Jim Duke's personal files.
11	PERILLALDEHYDE	Shoot	710	710	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.
3	PIPERITENONE	Shoot	45	45	-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.
7	PIPERITONE	Shoot	1300	1300	0.026815664497466373	Jim Duke's personal files.
28	PULEGONE	Shoot	690400	690400	5.1748151065168315	Jim Duke's personal files.
28	PULEGONE	Essential Oil	332200	332200	-0.2510262354309938	Jim Duke's personal files.
176	QUERCETIN	Shoot	430	430	1.4131601686191924	Jim Duke's personal files.
5	SABINENE	Shoot	20	20	-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.
23	TERPINEN-4-OL	Shoot	1400	1400	0.41314255165211494	Jim Duke's personal files.
0	TETRAHYDRO-BETA-BOURBONENE	Shoot	1100	1100		Jim Duke's personal files.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
71	THYMOL	Shoot	5	5	-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.