

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Acinos suaveolens*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---|------------|---------|----------|----------------------|--|
| 0 | 1,8-CINEOL | Shoot | | 3700.0 | | Jim Duke's personal files. |
| 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. |
| 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. |
| 0 | 2-ETHYL-CYCLOBUTANOL | Shoot | | 200.0 | | Jim Duke's personal files. |
| 0 | 3-6-DIMETHYL-4-5-6-7-OXYGEN HETEROCYCLE-BENZO-B-FURAN | Shoot | | 1300.0 | | Jim Duke's personal files. |
| 0 | 3-METHYL-CYCLO-PENTANONE | Shoot | | 300.0 | | Jim Duke's personal files. |
| 0 | 3-METHYL-CYCLOHEXANONE | Shoot | | 1900.0 | | Jim Duke's personal files. |
| 16 | ACETIC-ACID | Shoot | | 100.0 | | Jim Duke's personal files. |
| 28 | ALPHA-PINENE | Shoot | | 9500.0 | 0.8000049482979785 | Jim Duke's personal files. |
| 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. |
| 101 | APIGENIN | Shoot | | 23.3 | -1.0000000000000002 | Jim Duke's personal files. |
| 24 | BENZALDEHYDE | Shoot | | 200.0 | 0.2732930857952227 | Jim Duke's personal files. |
| 2 | BETA-MYRCENE | Shoot | | 2400.0 | 4.541065649101896 | Jim Duke's personal files. |
| 13 | BETA-PINENE | Shoot | | 11300.0 | 0.6704421301795939 | Jim Duke's personal files. |
| 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. |
| 9 | CAMPHENE | Shoot | | 900.0 | -0.05123938711110241 | 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. |

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| 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. |
| 7 | CHRYSOERIOL | Shoot | | 6.6 | -0.7384459049265101 | Jim Duke's personal files. |
| 4 | COSMOSIIN | Shoot | | 50.0 | | Jim Duke's personal files. |
| 3 | CYNAROSIDE | Shoot | | 123.3 | | Jim Duke's personal files. |
| 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 | DIDYMIN | Shoot | | 20.0 | | 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. |
| 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. |
| 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. |
| 31 | HESPERIDIN | Shoot | | 1993.3 | | Jim Duke's personal files. |
| 0 | HEX-1-EN-3-OL | Shoot | | 700.0 | | Jim Duke's personal files. |
| 3 | ISOMENTHONE | Essential Oil | | | | 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 | ISOPULEGONE-I | Shoot | | 3800.0 | | Jim Duke's personal files. |
| 0 | ISOPULEGONE-II | Shoot | | 10100.0 | | Jim Duke's personal files. |
| 22 | ISOQUERCITRIN | Shoot | | 430.0 | 0.42825459357774576 | Jim Duke's personal files. |
| 75 | KAEMPFEROL | Shoot | | 16.6 | -0.6110367475008089 | Jim Duke's personal files. |

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| 60 | LIMONENE | Shoot | | 3700.0 | 1.5550426407712443 | Jim Duke's personal files. |
| 53 | LINALOOL | Shoot | | 1800.0 | -0.15489761133772154 | Jim Duke's personal files. |
| 78 | LUTEOLIN | Shoot | | 66.6 | 1.4142123318883386 | Jim Duke's personal files. |
| 0 | LUTEOLIN-7-O-RUTINOSIDE | Shoot | | 20.0 | | Jim Duke's personal files. |
| 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. |
| 30 | MENTHONE | Shoot | | 13600.0 | 1.4904646322710717 | Jim Duke's personal files. |
| 0 | METHYLBENZENE | Shoot | | 300.0 | | Jim Duke's personal files. |
| 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 | N-UNDECANE | Shoot | | 600.0 | | Jim Duke's personal files. |
| 1 | NAPHTHALENE | Shoot | | 3500.0 | 1.414213562373095 | Jim Duke's personal files. |
| 1 | NARIRUTIN | Shoot | | 26.6 | | Jim Duke's personal files. |
| 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. |
| 0 | OCT-1-EN-3-OL | Shoot | | 4800.0 | 2.236004837776857 | Jim Duke's personal files. |
| 0 | OCTAN-3-OL | Shoot | | 2800.0 | 1.0 | Jim Duke's personal files. |
| 0 | OCTAN-3-ONE | Shoot | | 300.0 | | Jim Duke's personal files. |
| 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. |
| 0 | PARA-8-HYDROXY-MENTH-(4-5)-EN-3-ONE | Shoot | | 2500.0 | | Jim Duke's personal files. |
| 0 | PARA-CYMENE | Shoot | | 1800.0 | | 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. |

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|------------------|----------------------------|---------------|---------|----------|----------------------|--|
| 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. |
| 7 | PIPERITONE | Shoot | | 1300.0 | 0.026815664497466373 | Jim Duke's personal files. |
| 28 | PULEGONE | Essential Oil | | 332200.0 | -0.2510262354309938 | Jim Duke's personal files. |
| 28 | PULEGONE | Shoot | | 690400.0 | 5.1748151065168315 | Jim Duke's personal files. |
| 176 | QUERCETIN | Shoot | | 430.0 | 1.4131601686191924 | 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. |
| 23 | TERPINEN-4-OL | Shoot | | 1400.0 | 0.41314255165211494 | Jim Duke's personal files. |
| 0 | TETRAHYDRO-BETA-BOURBONENE | Shoot | | 1100.0 | | Jim Duke's personal files. |
| 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. |