

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Pycnanthemum setosum*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--------------------|------------|---------|----------|-----------------------|--|
| 67 | 1,8-CINEOLE | Shoot | 20.0 | 7099.0 | -0.03378680065365879 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | 1-OCTEN-3-OL | Shoot | 180.0 | 279.0 | 0.6082422147885861 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 2 | 3-OCTANOL | Shoot | 60.0 | 93.0 | -0.08745277780756196 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 28 | ALPHA-PINENE | Shoot | 20.0 | 1209.0 | -0.026872588038492726 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 13 | BETA-PINENE | Shoot | 40.0 | 527.0 | -0.08418508460014923 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 35 | BORNEOL | Shoot | 160.0 | 248.0 | -0.1589822967165514 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 9 | CAMPHENE | Shoot | 20.0 | 31.0 | -0.1314161591242513 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 19 | CARVONE | Shoot | 120.0 | 186.0 | -0.2270461715385416 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 31 | CARYOPHYLENE | Shoot | 1060.0 | 1643.0 | 0.3347266760277625 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | CIS-DIHYDROCARVONE | Shoot | 3954.0 | 6129.0 | 0.09754579986095141 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | EO | Shoot | 20000.0 | 31000.0 | 1.916313903625801 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 76 | EUGENOL | Shoot | 60.0 | 93.0 | -0.41807062504563897 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |

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|------------------|-----------------------------|------------|---------|----------|----------------------|--|
| 2 | GERMACRENE-D | Shoot | | | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | ISO-DIHYDROCARVEOL | Shoot | 3660.0 | 5693.0 | 1.4133352972637263 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 3 | ISOMENTHONE | Shoot | 180.0 | 279.0 | -0.4840009551086191 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | ISOPIPERITONE | Shoot | 20.0 | 31.0 | -1.0 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 60 | LIMONENE | Shoot | 40.0 | 1085.0 | 0.22387933153970146 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | LINALOL | Shoot | 80.0 | 124.0 | -0.19977125658541747 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 63 | MENTHOL | Shoot | | | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 30 | MENTHONE | Shoot | 4800.0 | 7440.0 | 0.44329928760060505 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 22 | MYRCENE | Shoot | 40.0 | 341.0 | 0.04686778328670861 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | NEOISODIHYDROCARVEOL | Shoot | 520.0 | 806.0 | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | NEOISODIHYDROCARVYL-ACETATE | Shoot | 1080.0 | 1674.0 | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 2 | NEOMENTHOL | Shoot | 20.0 | 31.0 | -0.6227351275127858 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 3 | PIPERITENONE | Shoot | 40.0 | 62.0 | -0.44478975971865226 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |

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|------------------|----------------------|------------|---------|----------|----------------------|--|
| 28 | PULEGONE | Shoot | 12740.0 | 19747.0 | -0.11331749322902945 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 5 | SABINENE | Shoot | 300.0 | 465.0 | 0.19918628506164338 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 23 | TERPINEN-4-OL | Shoot | 220.0 | 341.0 | -0.02583032862386902 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | TRANS-DIHYDROCARVONE | Shoot | 1040.0 | 1612.0 | 0.12584335207770098 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 0 | TRANS-ISOPULEGONE | Shoot | 40.0 | 62.0 | -0.4304354533640561 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |