

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Hyptis suaveolens

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--------------------|------------|---------|----------|----------------------|--|
| 67 | 1,8-CINEOLE | Shoot | | 885.0 | -0.12290606544238158 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 67 | 1,8-CINEOLE | Shoot | | 885.0 | -0.12290606544238158 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 67 | 1,8-CINEOLE | Plant | 130.0 | 4555.0 | 0.7168850782297921 | Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74. |
| 3 | ALPHA-CADINOL | Plant | | 125.0 | 2.2503201518139906 | Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74. |
| 2 | ALPHA-HUMULENE | Shoot | | 6.0 | -0.365636151793621 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 2 | ALPHA-HUMULENE | Shoot | | 6.0 | -0.365636151793621 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 11 | ALPHA-PHELLANDRENE | Shoot | | 2.0 | -0.30426951788587125 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 11 | ALPHA-PHELLANDRENE | Shoot | | 2.0 | -0.30426951788587125 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 11 | ALPHA-PHELLANDRENE | Plant | | 285.0 | 0.8167408097904264 | Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74. |
| 28 | ALPHA-PINENE | Shoot | | 48.0 | -0.14266137343068225 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-----------------|------------|---------|----------|----------------------|--|
| 28 | ALPHA-PINENE | Shoot | | 48.0 | -0.14266137343068225 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 28 | ALPHA-PINENE | Plant | | 215.0 | -0.32932254820963897 | Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74. |
| 13 | ALPHA-TERPINENE | Shoot | | 0.0 | -0.48121784426432085 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 13 | ALPHA-TERPINENE | Shoot | | 0.0 | -0.48121784426432085 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 13 | ALPHA-TERPINENE | Plant | | 130.0 | -0.30568368218942593 | Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74. |
| 23 | ALPHA-TERPINEOL | Shoot | | 9.0 | -0.27655803771004733 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 23 | ALPHA-TERPINEOL | Shoot | | 9.0 | -0.27655803771004733 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 23 | ALPHA-TERPINEOL | Plant | | 110.0 | -0.3953179989451173 | Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74. |
| 13 | BETA-PINENE | Shoot | | 80.0 | -0.11549654519669107 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 13 | BETA-PINENE | Shoot | | 80.0 | -0.11549654519669107 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 22 | BETULINIC-ACID | Root | | | | Jim Duke's personal files. |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---------------------|------------|---------|----------|----------------------|--|
| 35 | BORNEOL | Shoot | | 2.0 | -0.3968576510930819 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 35 | BORNEOL | Shoot | | 2.0 | -0.3968576510930819 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 9 | CAMPHENE | Shoot | | 4.0 | -0.13390726711545384 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 9 | CAMPHENE | Shoot | | 4.0 | -0.13390726711545384 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 41 | CAMPHOR | Shoot | | 12.0 | -0.15683169452486825 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 41 | CAMPHOR | Shoot | | 12.0 | -0.15683169452486825 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 8 | CARYOPHYLLENE-OXIDE | Shoot | | 265.0 | 0.18185264903520085 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 8 | CARYOPHYLLENE-OXIDE | Shoot | | 265.0 | 0.18185264903520085 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 8 | DELTA-3-CARENE | Shoot | | 0.0 | -0.3115189774690341 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-----------------|------------|---------|----------|----------------------|--|
| 8 | DELTA-3-CARENE | Shoot | | 0.0 | -0.3115189774690341 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 3 | ELEMENE | Plant | | 260.0 | | Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74. |
| 6 | FENCHONE | Shoot | | 85.0 | -0.879915532163174 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 6 | FENCHONE | Shoot | | 85.0 | -0.879915532163174 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 11 | GAMMA-TERPINENE | Shoot | | 10.0 | -0.38742523825529607 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 11 | GAMMA-TERPINENE | Plant | | 175.0 | -0.46279038900305325 | Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74. |
| 11 | GAMMA-TERPINENE | Shoot | | 10.0 | -0.38742523825529607 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 60 | LIMONENE | Plant | | 390.0 | -0.24611497290962095 | Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74. |
| 63 | MENTHOL | Plant | | | | Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981. |
| 22 | MYRCENE | Shoot | | 1.5 | -0.340626730155575 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---------------|------------|---------|----------|----------------------|--|
| 22 | MYRCENE | Shoot | | 1.5 | -0.340626730155575 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 16 | P-CYMENE | Shoot | | 90.0 | -0.43005714621325963 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 16 | P-CYMENE | Shoot | | 90.0 | -0.43005714621325963 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 5 | SABINENE | Shoot | | 240.0 | -0.04038227118444531 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 5 | SABINENE | Shoot | | 240.0 | -0.04038227118444531 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 23 | TERPINEN-4-OL | Shoot | | 100.0 | -0.12572878390858302 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 23 | TERPINEN-4-OL | Shoot | | 100.0 | -0.12572878390858302 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 9 | TERPINOLENE | Shoot | | 6.0 | -0.6325453299683369 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 9 | TERPINOLENE | Shoot | | 6.0 | -0.6325453299683369 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|----------|------------|---------|----------|----------------------|--|
| 71 | THYMOL | Shoot | | 4.0 | -0.33212320362558717 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |
| 71 | THYMOL | Shoot | | 4.0 | -0.33212320362558717 | Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321. |