

# List of All Chemicals

## P Pycnanthemum flexuosum (Lamiaceae)

### Common name(s)

Flexuose Mountain Mint

### How used

Medicinal

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

| Chemical              | Part  | All | Low PPM | High PPM | StdDev | *Reference   |
|-----------------------|-------|-----|---------|----------|--------|--|
| EO                    | Shoot | --  |         | 12000.0  | 0.16   | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| GERMACRENE-D          | Shoot | --  |         | 264.0    | -0.22  | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| <b>Activities (2)</b> |       |     |         |          |        |  |
| Pesticide             |       |     |         |          |        |  |
| Pheromone             |       |     |         |          |        |  |
| LINALOL               | Shoot | --  |         | 10680.0  | 1.72   | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| LINALYL-ACETATE       | Shoot | --  |         | 612.0    | 3.93   | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |

| <b>Activities (7)</b>         |   |
|-------------------------------|---|
| Anesthetic 0.01-1 ug/ml       |   |
| Antioxidant 400 ppm           |   |
| Antispasmodic ED50=0.21 mg/ml | Fitoterapia No.59-1984.   |
| FLavor FEMA 2-15              | Aloe Research Council - Duke writeup of non-peer reviewed book by Coats and draft by Henry  |
| Motor-Depressant              | Buchbauer et al, e.g.Buchbauer et al,1993.Therapeutic properties of essential oils and fragrances. Chap.12 in Teranishi,R, Buttery,R.G and Sugisawa,H. Eds. Bioactive Volatile Compounds from Plants. ACS Symposium Series 525. Amer. Chem. Soc., Washington DC |
| Perfumery                     | Merck 11th Edition  |
| Sedative                      |   |