

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Cleonia lusitanica*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
67	1,8-CINEOLE	Leaf	2.0	10.0	-0.528938235441155	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
3	ALPHA-CADINOL	Leaf	1.0	1.0	-1.1328163709742791	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
2	ALPHA-HUMULENE	Leaf		1.0	-0.4663777115715233	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
11	ALPHA-PHELLANDRENE	Leaf	1.0	2.0	-0.31290303496433663	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
28	ALPHA-PINENE	Leaf	90.0	170.0	-0.2135073503151157	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
23	ALPHA-TERPINEOL	Leaf	1.0	5.0	-0.581471880678652	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
6	ALPHA-THUJONE	Leaf	1.0	1.0	-0.5912739852806559	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
13	BETA-PINENE	Leaf	15.0	35.0	-0.37750495647165555	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
35	BORNEOL	Leaf	1.0	5.0	-0.4693225772993094	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
12	BORNYL-ACETATE	Leaf		1.0	-0.40960702248537095	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	CAMPHENE	Leaf	1.0	5.0	-0.19080294405308876	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
41	CAMPHOR	Leaf	5.0	7.0	-0.24874512368102253	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
6	CARYOPHYLLENE-EPOXIDE	Leaf	4.0	6.0	1.0	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
2	DIHYDROCARVEOL	Leaf	1.0	8.0	-1.3910573994583937	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
6	FENCHONE	Leaf	1.0	1.0	-0.6021910438585428	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
1	FENCHYL-ALCOHOL	Leaf	4.0	6.0	0.9999999999999997	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
11	GAMMA-TERPINENE	Leaf	1.0	3.0	-0.36613877920361015	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
2	GERMACRENE-D	Leaf	1.0	2.0	-0.5234344690054373	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
7	ISOBORNEOL	Leaf	1.0	5.0	-0.6906999088467842	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
60	LIMONENE	Leaf	165.0	325.0	-0.10588399482431562	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
22	MYRCENE	Leaf		8.0	-0.1697887250522355	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . <i>J. Ess. Oil Res.</i> , 3: 441-442.
16	P-CYMENE	Leaf	2.0	3.0	-0.39762109785080363	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . <i>J. Ess. Oil Res.</i> , 3: 441-442.
5	SABINENE	Leaf	10.0	12.0	-0.25356318923193366	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . <i>J. Ess. Oil Res.</i> , 3: 441-442.
23	TERPINEN-4-OL	Leaf	2.0	3.0	-0.3386095524705212	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . <i>J. Ess. Oil Res.</i> , 3: 441-442.
9	TERPINOLENE	Leaf	1.0	1.0	-0.23082070765125634	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . <i>J. Ess. Oil Res.</i> , 3: 441-442.
5	VERBENONE	Leaf		2.0	-0.36075690539620175	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . <i>J. Ess. Oil Res.</i> , 3: 441-442.