

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Micromeria varia*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	TRANS-HEX-2-ENAL	Shoot		6.0		--
0	TRANS-HEX-2-ENAL	Shoot		6.0		Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	TRANS-VERBENOL	Shoot	0.0			--
5	BETA-ELEMENE	Shoot	0.0			--
0	CADINA-1,4-DIENE	Shoot	0.0			--
11	ALPHA-PHELLANDRENE	Shoot	0.0			--
0	BETA-BOURBONENE	Shoot	0.0			--
0	CIS-VERBENOL	Shoot	0.0			--
0	BETA-CARYOPHYLLENE-EPOXIDE	Shoot		75.0	-1.1496432439829412	--
0	CADINA-1,4-DIENE	Shoot		0.0	-0.9258200997725514	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	TRANS-VERBENOL	Shoot		0.0	-0.7667775966576987	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
9	TERPINOLENE	Shoot		3.0	-0.7191953751694788	--
9	TERPINOLENE	Shoot		3.0	-0.7191953751694788	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	EO	Shoot		3000.0	-0.675357019223463	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	EO	Shoot		3000.0	-0.675357019223463	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
1	PINOCARVONE	Shoot		12.0	-0.6199589528411126	--
1	PINOCARVONE	Shoot		12.0	-0.6199589528411126	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
3	BETA-PHELLANDRENE	Shoot		15.0	-0.5638234039665844	--
3	BETA-PHELLANDRENE	Shoot		15.0	-0.5638234039665844	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
0	CIS-BETA-OCIMENE	Shoot		0.0	-0.5560646987797035	--
0	CIS-BETA-OCIMENE	Shoot		0.0	-0.5560646987797035	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
5	GERANYL-ACETATE	Shoot		0.0	-0.525581111429658	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
16	P-CYMENE	Shoot		3.0	-0.4990244697176778	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
16	P-CYMENE	Shoot		3.0	-0.4990244697176778	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
5	GERANYL-ACETATE	Shoot		24.0	-0.47406028623396546	--
13	ALPHA-TERPINENE	Shoot		3.0	-0.47281058482161253	--
13	ALPHA-TERPINENE	Shoot		3.0	-0.47281058482161253	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	CIS-VERBENOL	Shoot		0.0	-0.4568839104613092	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	BETA-BOURBONENE	Shoot		0.0	-0.43796638910394087	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
1	TRANS-CARVEOL	Shoot		0.0	-0.4185213534857977	--
1	TRANS-CARVEOL	Shoot		0.0	-0.4185213534857977	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	CIS-LINALOL-OXIDE	Shoot		0.0	-0.400940192878851	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CIS-LINALOL-OXIDE	Shoot		0.0	-0.400940192878851	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
11	GAMMA-TERPINENE	Shoot		15.0	-0.38397056484220854	--
11	GAMMA-TERPINENE	Shoot		15.0	-0.38397056484220854	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
0	TRANS-LINALOL-OXIDE	Shoot		0.0	-0.3806780226624112	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
0	TRANS-LINALOL-OXIDE	Shoot		0.0	-0.3806780226624112	--
35	BORNEOL	Shoot		24.0	-0.37558424541713203	--
35	BORNEOL	Shoot		24.0	-0.37558424541713203	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
2	GERMACRENE-D	Shoot		36.0	-0.350309409543111	--
2	GERMACRENE-D	Shoot		36.0	-0.350309409543111	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
0	ALPHA-CUBEBENE	Shoot		9.0	-0.34723561332494784	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-CUBEBENE	Shoot		9.0	-0.34723561332494784	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
5	BETA-ELEMENE	Shoot		0.0	-0.3400141894894808	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
5	MYRTENAL	Shoot		0.0	-0.33059726732282063	--
5	MYRTENAL	Shoot		0.0	-0.33059726732282063	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
11	ALPHA-PHELLANDRENE	Shoot		0.0	-0.30934809317985607	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
60	LIMONENE	Shoot		80.0	-0.28771498042117827	--
60	LIMONENE	Shoot		80.0	-0.28771498042117827	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	ALPHA-THUJENE	Shoot		15.0	-0.2864465102156434	--
0	ALPHA-THUJENE	Shoot		15.0	-0.2864465102156434	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	VERBENONE	Shoot		0.0	-0.25729665676775704	--
5	VERBENONE	Shoot		0.0	-0.25729665676775704	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
23	ALPHA-TERPINEOL	Shoot		30.0	-0.25490547911879124	--
23	ALPHA-TERPINEOL	Shoot		30.0	-0.25490547911879124	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
2	MYRTENOL	Shoot		0.0	-0.2515467769782438	--
2	MYRTENOL	Shoot		0.0	-0.2515467769782438	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
2	ALPHA-HUMULENE	Shoot		18.0	-0.24934269602752668	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
2	ALPHA-HUMULENE	Shoot		18.0	-0.24934269602752668	--
9	DELTA-CADINENE	Shoot		21.0	-0.2483906841648142	--
9	DELTA-CADINENE	Shoot		21.0	-0.2483906841648142	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
2	BETA-MYRCENE	Shoot		60.0	-0.23802625570973215	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	BETA-MYRCENE	Shoot		60.0	-0.23802625570973215	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	LINALOL	Shoot		27.0	-0.21737479462519857	--
0	LINALOL	Shoot		27.0	-0.21737479462519857	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
2	TRANS-PINOCARVEOL	Shoot		6.0	-0.20928220390744004	--
2	TRANS-PINOCARVEOL	Shoot		6.0	-0.20928220390744004	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	CIS-SABINENE-HYDRATE	Shoot		15.0	-0.2069980653782561	--
0	CIS-SABINENE-HYDRATE	Shoot		15.0	-0.2069980653782561	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	GAMMA-CADINENE	Shoot		15.0	-0.19982430782846677	--
0	GAMMA-CADINENE	Shoot		24.0	-0.1797859924103986	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	TRANS-SABINENE-HYDRATE	Shoot		60.0	-0.16573318971839784	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	TRANS-SABINENE-HYDRATE	Shoot		60.0	-0.16573318971839784	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
23	TERPINEN-4-OL	Shoot		21.0	-0.1584755804541947	--
23	TERPINEN-4-OL	Shoot		21.0	-0.1584755804541947	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	BETA-CARYOPHYLLENE-EPOXIDE	Shoot		355.0	-0.13843871524401882	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
9	CAMPHENE	Shoot		6.0	-0.133722740597587	--
9	CAMPHENE	Shoot		6.0	-0.133722740597587	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
13	BETA-PINENE	Shoot		170.0	-0.10919222427121285	--
13	BETA-PINENE	Shoot		170.0	-0.10919222427121285	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	BETA-CARYOPHYLLENE	Shoot		155.0	-0.09573312292766925	--



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	BETA-CARYOPHYLLENE	Shoot		155.0	-0.09573312292766925	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
28	ALPHA-PINENE	Shoot		585.0	-0.08910532023894602	--
28	ALPHA-PINENE	Shoot		585.0	-0.08910532023894602	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
5	SABINENE	Shoot		205.0	-0.077648491044948	--
5	SABINENE	Shoot		205.0	-0.077648491044948	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
4	NERAL	Shoot		190.0	0.031318472939093	--
4	NERAL	Shoot		190.0	0.031318472939093	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	ALPHA-COPAENE	Shoot		45.0	0.16847933811712973	--
0	ALPHA-COPAENE	Shoot		45.0	0.16847933811712973	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
13	GERANIAL	Shoot		475.0	0.6210581561316935	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	GERANIAL	Shoot		475.0	0.6210581561316935	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	TRANS-NEROLIDOL	Shoot		440.0	0.7071067811865475	--
0	TRANS-NEROLIDOL	Shoot		440.0	0.7071067811865475	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
0	ALPHA-CAMPHOLENAL	Shoot		15.0	0.9834089870607293	--
0	ALPHA-CAMPHOLENAL	Shoot		15.0	0.9834089870607293	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.