

List of Plants

ROSMARINIC-ACID

Chemid

ROSMARINICACID

Dosage

LD50=561 (ivn mus)

*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.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Agastache rugosa	Leaf	--	9000.0	0.19	Jim Duke's personal files.
Anethum graveolens	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Artemisia dracunculus	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Borago officinalis	Shoot	--	500.0	-0.83	Jim Duke's personal files.
Borago officinalis	Plant	500.0	7000.0	-1.3	Fitoterapia No.62: 166.
Borago officinalis	Inflorescence	--	--		Jim Duke's personal files.
Collinsonia canadensis	Plant	--	--		*
Glechoma hederacea	Leaf	14800.0	25000.0	2.33	*
Glechoma hederacea	Stem	--	1000.0	-0.38	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
Hyssopus officinalis	Plant	--	5000.0	-1.42	Fitoterapia No.62: 166.
Hyssopus officinalis	Inflorescence	--	--		*
Lavandula latifolia	Plant	--	7000.0	-1.3	Fitoterapia No.62: 166.
Lavandula angustifolia	Plant	--	12000.0	-1.0	Fitoterapia No.62: 166.
Lavandula x intermedia	Plant	--	5000.0	-1.42	Fitoterapia No.62: 166.
Lycopus europeus	Root	--	--		Jim Duke's personal files.
Lycopus europeus	Plant	--	37000.0	0.52	Fitoterapia No.62: 166.
Lycopus virginicus	Plant	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Melissa officinalis	Plant	8400.0	47000.0	1.13	*
Melissa officinalis	Leaf	--	--		Jim Duke's personal files.
Mentha x rotundifolia	Leaf	--	3600.0	-0.53	Jim Duke's personal files.

Mentha spicata	Shoot	--	5900.0	-0.58	*
Mentha spicata	Plant	--	43000.0	0.89	Fitoterapia No.62: 166.
Mentha arvensis var. piperascens	Plant	--	28000.0	-0.02	Fitoterapia No.62: 166.
Mentha longifolia	Plant	--	29000.0	0.04	*
Mentha spicata	Inflorescence	--	43000.0	0.3	*
Mentha x piperita	Shoot	700.0	1800.0	-0.77	*
Mentha spicata	Leaf	--	6300.0	-0.17	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha arvensis var. piperascens	Leaf	71.0	228.0	-0.98	*
Mentha x rotundifolia	Plant	--	32000.0	0.22	Fitoterapia No.62: 166.
Mentha x piperita	Plant	--	30000.0	0.1	Fitoterapia No.62: 166.
Mentha pulegium	Plant	--	30000.0	0.1	Fitoterapia No.62: 166.
Mentha aquatica	Plant	--	27000.0	-0.08	Fitoterapia No.62: 166.
Mentha pulegium	Inflorescence	--	30000.0	-0.27	*
Momordica charantia	Shoot	--	--		Jim Duke's personal files.
Monarda didyma	Flower	--	18000.0	-1.0	Jim Duke's personal files.
Monarda fistulosa	Shoot	--	20000.0	0.08	Jim Duke's personal files.
Nepeta cataria	Inflorescence	--	2000.0	-1.5	*
Nepeta cataria	Plant	--	2000.0	-1.6	Fitoterapia No.62: 166.
Ocimum basilicum	Root	--	--		*
Ocimum tenuiflorum	Leaf	200.0	300.0	-0.97	*
Ocimum basilicum	Plant	1000.0	19000.0	-0.57	*
Ocimum basilicum	Shoot	--	1300.0	-0.79	*
Ocimum tenuiflorum	Inflorescence	--	100.0	-1.58	*
Ocimum basilicum	Tissue Culture	--	--		*
Ocimum tenuiflorum	Stem	80.0	340.0	-0.99	*
Origanum vulgare	Inflorescence	--	68000.0	1.4	*
Origanum vulgare	Leaf	--	790.0	-0.91	*
Origanum majorana	Shoot	--	9400.0	-0.41	*
Origanum vulgare	Plant	--	55000.0	1.62	Fitoterapia No.62: 166.
Origanum vulgare	Shoot	16600.0	50000.0	1.49	*

Origanum vulgare	Plant	4000.0	55000.0	1.62	*
Origanum majorana	Inflorescence	--	33000.0	-0.14	*
Origanum majorana	Plant	--	33000.0	0.28	Fitoterapia No.62: 166.
Perilla frutescens	Seed	--	2300.0		Yakugaku Zasshi, 106: 1108.
Perilla frutescens	Leaf	10300.0	12100.0	0.61	Yakugaku Zasshi, 106: 1108.
Perilla frutescens	Stem	--	2900.0	1.37	Yakugaku Zasshi, 106: 1108.
Petroselinum crispum	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Prunella vulgaris	Flower	2600.0	19300.0	1.0	Yakugaku Zasshi, 106: 1108.
Prunella vulgaris	Shoot	--	74000.0	2.62	*
Prunella vulgaris	Plant	17400.0	61000.0	1.98	Fitoterapia No.62: 166.
Prunella vulgaris	Inflorescence	61000.0	74000.0	1.66	*
Prunella vulgaris	Leaf	--	17400.0	1.31	Yakugaku Zasshi, 106: 1108.
Rosmarinus officinalis	Plant	--	25000.0	-0.2	*
Rosmarinus officinalis	Leaf	--	3500.0	-0.54	*
Rosmarinus officinalis	Tissue Culture	--	38957.0		*
Rosmarinus officinalis	Inflorescence	25000.0	43000.0	0.3	*
Rosmarinus officinalis	Shoot	--	13500.0	-0.22	*
Salvia officinalis	Plant	30000.0	50600.0	1.35	*
Salvia officinalis	Tissue Culture	--	--		*
Salvia sclarea	Plant	--	34000.0	0.34	Fitoterapia No.62: 166.
Salvia officinalis	Leaf	--	--		*
Salvia officinalis	Shoot	2000.0	5800.0	-0.58	*
Salvia officinalis	Inflorescence	30000.0	42000.0	0.26	*
Satureja montana	Shoot	--	--		*
Satureja montana	Plant	3000.0	12000.0	-1.0	*
Satureja hortensis	Plant	--	26000.0	-0.14	Fitoterapia No.62: 166.
Scrophularia scorodonia	Plant	--	--		Fernandez, L., Martin, T., Villaescusa, L., Bartolome, C., Rubio, B., Diaz, A. M. 1995. Rosmarinic Acid and Iridoids of Scrophularia scorodonia L. Colloq Inst Natl Rech Agron, 69: 307-308.
Stachys officinalis	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Symphytum officinale	Leaf	--	5000.0	-0.34	*
Teucrium scorodonia	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Thymus vulgaris	Plant	--	26000.0	-0.14	Fitoterapia No.62: 166.

Thymus serpyllum	Shoot	--	23000.0	0.22	Jim Duke's personal files.
Thymus vulgaris	Shoot	5000.0	13500.0	-0.22	*
Thymus vulgaris	Inflorescence	--	26000.0	-0.44	*
Vaccinium corymbosum	Plant	--	--		*