

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Salvia miltiorrhiza*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	ARSENIC	Root		0.34	-0.19307353397458454	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
28	CALCIUM	Root		2780.0	-0.5062804902055973	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
12	COPPER	Root		8.0	-0.41187569962209786	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
11	CRYPTOTANSHINONE	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
0	DANSHENSPIROKETALLACTONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	HYDROXYTANSHINONE	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
6	IRON	Root		230.0	-0.10751139307122817	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
0	ISOCRYPTOTANSHINONE	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
0	ISOTANSHINONE-I	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
0	ISOTANSHINONE-II	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
0	ISOTANSHINONE-III	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
65	MAGNESIUM	Root		3230.0	0.355687568984667	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	MANGANESE	Root		23.0	-0.27123195934439603	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
1	METHYL-TANSHINONATE	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
0	METHYL-TANSHINONE	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
0	MILTIRONE	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
14	POTASSIUM	Root		11700.0	-0.29866249415035345	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
6	SALVIANOLIC-ACID-A	Root				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
3	SALVIOL	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
1	SODIUM	Root		70.0	-0.48017943692912285	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
0	TANSHINOLACTONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
4	TANSHINONE-I	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
0	TANSHINONE-II	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
10	TANSHINONE-II-A	Root				Chemical Constituents of Oriental Herbs (3 diff. books)
0	TANSHINONE-IIIB	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	TANSHINONIC-ACID	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
77	ZINC	Root		12.0	-0.5333738109460838	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.