

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Schisandra chinensis

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	ALUMINUM	Fruit	174	174	-0.1729010421284495	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
2	ARSENIC	Fruit	0.18	0.18	-0.30624870908297014	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.
112	ASCORBIC-ACID	Fruit	153	1022	-0.22094411890427487	
53	BETA-CAROTENE	Fruit	9	61	-0.03288872818135363	
47	BETA-SITOSTEROL	Fruit	--	--		
28	CALCIUM	Fruit	864	5760	0.439301659101438	
24	CHROMIUM	Fruit	0.3	1.8	-0.25480859243409615	
53	CITRAL	Essential Oil	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
23	CITRIC-ACID	Fruit	5000	33333	-0.10601794590618502	
23	CITRIC-ACID	Plant	--	--		
2	COBALT	Fruit	2	10.4	0.7239010798038872	
12	COPPER	Fruit	5	11	-0.14156813908561597	
1	DEOXYGOMOSIN-A	Fruit	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
15	FIBER	Fruit	76000	76000	-0.6197539035878189	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	FLUORIDE	Fruit	--	2.1	0.26994330851757437	
7	FUMARIC-ACID	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
2	GOMISIN-E	Fruit	--	67		
1	GOMISIN-G	Fruit	--	160		
1	GOMISIN-H	Fruit	--	10		
1	GOMISIN-J	Fruit	230	380		
1	GOMISIN-N	Fruit	59	3100		
6	IRON	Fruit	5	35	-0.38865261596387907	
1	ISOSCHIZANDRIN	Fruit	--	12		
10	LIGNANS	Stem	--	100000		Lawrence Review of Natural Products, Jun-88.
10	LIGNANS	Seed	80000	190000	1	
10	LIGNANS	Fruit	3000	20000		
65	MAGNESIUM	Fruit	414	2760	0.2918484602548554	
15	MALIC-ACID	Fruit	5000	33333	1.2183902770726902	
15	MALIC-ACID	Plant	--	--		
14	MANGANESE	Fruit	0.6	3.7	-0.37914017261936706	
39	NIACIN	Fruit	--	--		
13	PALMITIC-ACID	Seed	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
2	PALMITOLEIC-ACID	Seed	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	PEONIDIN-3-O-BETA-D-GLUCOSIDE	Fruit	--	--		
4	PHOSPHORUS	Fruit	639	4260	0.31710596335866637	
14	POTASSIUM	Fruit	1545	10300	-0.673859997706773	
43	PROTOCATECHUIC-ACID	Fruit	--	58.3	-1.0000000000000002	
43	PROTOCATECHUIC-ACID	Plant	--	--		
15	RIBOFLAVIN	Fruit	0.1	0.5	-0.9657415104259668	
7	SCHISANDRIN	Fruit	--	--		
7	SCHISANDRIN	Stem	--	--		
7	SCHISANDRIN	Seed	--	--		
1	SCHISANHENOL	Fruit	--	--		
1	SCHISANHENOL	Seed	--	--		
1	SCHISANTHERIN-A	Fruit	--	--		
2	SCHIZANDRIN	Seed	--	--		
2	SCHIZANDRIN	Plant	--	--		
2	SCHIZANDRIN	Fruit	65	2600		
1	SCHIZANDROL-B	Seed	--	--		
1	SCHIZANDROL-B	Fruit	--	--		
60	SELENIUM	Fruit	0.1	0.7	-0.21260376123491576	
4	SILICON	Fruit	0.5	3.4	-0.5973964111311393	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	SODIUM	Fruit	15	97	-0.17475238539550708	
7	SORBIC-ACID	Fruit	--	--		
8	STEARIC-ACID	Seed	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
9	SYRINGIN	Leaf	--	--		
35	TANNIN	Fruit	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
6	TARTARIC-ACID	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
6	TARTARIC-ACID	Fruit	5000	33333	-0.06443554315310286	
31	THIAMIN	Fruit	--	--	-0.6826150574042895	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
4	TIN	Fruit	940	940	3.3083276783160853	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
1	WUWEIZICHUN-B	Seed	--	--		
1	WUWEIZICHUN-B	Plant	--	--		
1	WUWEIZICHUN-B	Fruit	--	--		
1	WUWEIZISU-C	Seed	--	--		
1	WUWEIZISU-C	Fruit	10	720		
77	ZINC	Fruit	--	--		