

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Rhamnus cathartica*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
2	ALATERNIN	Stem Bark		120.0		--
0	ANTHARACENES	Fruit				--
0	ANTHRACENES	Bark		26500.0		--
112	ASCORBIC-ACID	Fruit				--
112	ASCORBIC-ACID	Leaf				--
0	CATHARTICIN	Fruit				--
2	CHELIDONIC-ACID	Fruit				--
6	CHRYSOPHANIC-ACID	Stem Bark		10.0		--
0	EMODIN-8-O-BETA-D-GLUCOSIDE	Stem Bark				--
0	EMODIN-8-O-BETA-GENTIOBIOSIDE	Stem Bark		35.0		--
0	EMODIN-8-O-BETA-PRIMVEROSIDE	Stem Bark		25.0		--
1	FRANGULAEMODIN	Stem Bark		360.0		--
0	FRANGULIN-A	Bark				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
1	FRANGULIN-B	Bark				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
8	FRUCTOSE	Fruit				--
0	KAEMPFEROL-3-O-BETA-RHAMNOSIDE	Fruit				--
24	PECTIN	Fruit				--
5	PHYSCION	Stem Bark		180.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PROTEIN	Seed		200000.0	-0.30063352286822675	Earle, F. R., Glass, C. A., Geisinger, G. C., Wolff, I. A., Jones, Q. 1960. Search for New Industrial Oils. IV. J. Amer. Oil Chem. Soc. 37: 440-. Northern Regional Research Lab ARS USDA Peoria, IL, USA.
0	QUERCETIN-3-O-BETA-RHAMNOSIDE	Fruit				--
0	RHAMNETIN-3-O-BETA-RHAMNOSIDE	Fruit				--
0	RHAMNETIN-3-RHAMNOSIDE	Fruit				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	XANTHORHAMNIN	Fruit				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.