

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Abrus precatorius

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	ABRIN	Seed		1500.0		--
1	ABRUSOSIDE-A	Leaf				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
1	ABRUSOSIDE-B	Leaf				--
1	ABRUSOSIDE-C	Leaf				--
1	ABRUSOSIDE-D	Leaf				--
30	ANTHOCYANINS	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	BEHENIC-ACID	Seed		1150.0	-0.5704762009192162	Wealth of India.
47	BETA-SITOSTEROL	Seed				Wealth of India.
28	CALCIUM	Leaf	1266.0	2660.0	-1.0780176043339036	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
2	CAMPESTEROL	Seed				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
20	CHOLINE	Seed				=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
7	CYCLOARTENOL	Seed				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
9	DELPHINIDIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
15	FIBER	Leaf	37000.0	176000.0	0.17887729815176595	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
62	GALLIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
57	GLYCYRRHIZIN	Leaf		100000.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
57	GLYCYRRHIZIN	Root		12500.0	-0.8602992013175098	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
4	HYPAPHORINE	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	LIGNOCERIC-ACID	Seed		650.0	-0.5382088899376138	Wealth of India.
27	LINOLEIC-ACID	Seed		3325.0	-0.8893446855364865	Wealth of India.
18	OLEIC-ACID	Seed		12125.0	-0.8794255922658221	Wealth of India.
13	PALMITIC-ACID	Seed		300.0	-0.6934110761449042	Wealth of India.
24	PECTIN	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	PHOSPHORUS	Leaf	650.0	3095.0	-0.34524319928607444	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
8	STEARIC-ACID	Seed		1225.0	-0.5388117000042002	Wealth of India.
12	STIGMASTEROL	Seed				Wealth of India.
15	TRIGONELLINE	Seed				=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp

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8	TYROSINE	Seed				Zaidi, Z. H., Sdiqui, B. S., Naim, Z. 1971. Chemical Investigations of Seeds of Abrus precatorius. Pak. J. Sci. Ind. Res., 14: 350.