

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Abrus precatorius

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	WATER	Leaf		790000.0	-0.08799406702171589	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CARBOHYDRATES	Leaf	137000.0	652000.0	0.3193001468713054	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Leaf	56000.0	267000.0	0.550223924536316	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Seed		194000.0	-0.3540066301364682	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Leaf	37000.0	176000.0	0.17887729815176595	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
0	PENTOSANS	Seed		92100.0	0.2808070998676844	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ASH	Leaf	17000.0	81000.0	-0.666900349430093	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	POLYGALACTURONIC-ACIDS	Seed		58600.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	FAT	Seed	25000.0	28000.0	-1.2504053564151623	--
57	GLYCYRRHIZIN	Root		12500.0	-0.8602992013175098	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
18	OLEIC-ACID	Seed		12125.0	-0.8794255922658221	Wealth of India.
0	LINOLENIC-ACID	Seed		4875.0	-0.4947567342345914	Wealth of India.
27	LINOLEIC-ACID	Seed		3325.0	-0.8893446855364865	Wealth of India.
4	PHOSPHORUS	Leaf	650.0	3095.0	-0.34524319928607444	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	KILOCALORIES	Leaf	620.0	2950.0	-0.10974253882224531	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	CALCIUM	Leaf	1266.0	2660.0	-1.0780176043339036	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
9	ABRIN	Seed		1500.0		--
0	ARACHIDIC-ACID	Seed		1350.0	-0.523657126151877	Wealth of India.
8	STEARIC-ACID	Seed		1225.0	-0.5388117000042002	Wealth of India.
1	BEHENIC-ACID	Seed		1150.0	-0.5704762009192162	Wealth of India.
1	LIGNOCERIC-ACID	Seed		650.0	-0.5382088899376138	Wealth of India.
13	PALMITIC-ACID	Seed		300.0	-0.6934110761449042	Wealth of India.
1	ABRUSOSIDE-D	Leaf				--
9	DELPHINIDIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	ABRUSGENIC-ACID	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	P-COUMAROYL GALLOYL-GLUCODELPHINIDIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
1	ABRUSOSIDE-C	Leaf				--
7	CYCLOARTENOL	Seed				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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
0	ABRISIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	N,N-DIMETHYL-TRYPTOPHAN-METHO-CATION-METHYL-ESTER	Seed				Chemical Constituents of Oriental Herbs (3 diff. books)
1	ABRUSOSIDE-B	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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
0	N,N-DIMETHYL-TRYPTOPHAN	Seed				Chemical Constituents of Oriental Herbs (3 diff. books)
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.
0	ABRICIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	ABRUSOGENIN	Leaf				--
2	CAMPESTEROL	Seed				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ABRASINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	PRECATORINE	Seed				Chemical Constituents of Oriental Herbs (3 diff. books)
4	HYPAPHORINE	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ABRUQUINONE-C	Root				--
0	ABRALINE	Seed				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
0	PRECASINE	Seed				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DELPHINIDIN-3,5-DIGLUCOSIDE	Seed				Wealth of India.
0	ABRUQUINONE-B	Root				--
0	(+)-ABRINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	5-BETA-CHOLANIC-ACID	Seed				Wealth of India.
0	CYANIDIN-3-GLUCOSIDE	Seed				Wealth of India.
0	ABRUQUINONE-A	Root				--
30	ANTHOCYANINS	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
12	STIGMASTEROL	Seed				Wealth of India.
0	PICATORINE	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
47	BETA-SITOSTEROL	Seed				Wealth of India.
62	GALLIC-ACID	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ABRIN-C	Seed				Wealth of India.
0	ABRUSSIC-ACID	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ABRIN-A	Seed				Wealth of India.
0	ABRUSLACTONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	PELARGONIDIN-3-GLUCOSIDE	Seed				Wealth of India.
0	ABRANIN	Seed				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ABRUSGENIC-ACID-METHYL-ESTER	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	PELARGONIDIN-3,5-DIGLUCOSIDE	Seed				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.