

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Cinchona spp

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
38	(-)-EPICATECHIN	Bark	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
2	10-METHOXYCINCHONAMINE	Stem	--	--		Wealth of India.
3	3-ALPHA,17-ALPHA-CINCHOPHYLLINE	Leaf	--	--		Wealth of India.
3	3-ALPHA,17-BETA-CINCHOPHYLLINE	Leaf	--	--		Wealth of India.
3	ALIZARIN-2-METHYL-ETHER	Tissue Culture	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
4	ARICINE	Plant	--	--		
47	BETA-SITOSTEROL	Bark	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
102	CAFFEIC-ACID	Bark	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
3	CINCHONAIN-IIB	Bark	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
6	CINCHONIDINE	Bark	12500	80000	1	
7	CINCHONINE	Bark	15000	80000		
5	CINCHOPHYLLAMINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
6	DIGIFERRUGINEOL	Tissue Culture	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
2	DIHYDROQUINIDINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
40	EPICATECHIN	Bark	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	GALLO-TANNIN	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	HYDROQUINIDINE	Bark	--	--		
1	HYDROQUININE	Bark	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
2	PURPURIN-1-METHYL-ETHER	Tissue Culture	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
1	QUINIC-ACID	Bark	50000	80000		
2	QUINICINE	Bark	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
23	QUINIDINE	Bark	200	40000		
32	QUININE	Bark	8000	40000	-1	
3	QUINOVIC-ACID	Bark	1000	15000		
5	STARCH	Bark	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.