

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Paullinia cupana

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	ADENINE	Seed	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	ASH	Seed	14200	14200	-1.0130179951090181	Abstract (See species file)
62	CAFFEINE	Plant	--	25000		
62	CAFFEINE	Seed	9100	76000	2.1618276788021022	
22	CATECHOL	Seed	--	--		
0	CATECHUTANNIC-ACID	Seed	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
20	CHOLINE	Seed	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
4	D-CATECHIN	Seed	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	FAT	Seed	30000	30000	-1.2398706410167792	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
1	GUANINE	Seed	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	GUARANINE	Seed	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	HYPOXANTHINE	Seed	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
3	MUCILAGE	Seed	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Seed	98600	98600	-1.2026390357015075	Abstract (See species file)
0	RESIN	Seed	70000	70000	-0.33623537990712626	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	SAPONIN	Seed	--	--		
5	SAPONINS	Seed	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
5	STARCH	Seed	50000	60000	-1.0130056604761712	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
35	TANNIN	Seed	50000	120000	0.49709318567481553	
21	THEOBROMINE	Seed	200	400	-0.470226048103343	
36	THEOPHYLLINE	Seed	--	2500	0.5308861743508416	
0	TIMBONINE	Seed	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	XANTHINE	Seed	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses