

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Tabebuia impetiginosa*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	LAPACHENOLE	Bark	15.0	150.0		--
24	VANILLIC-ACID	Stem Bark				--
0	ANTHRAQUINONE-2-CARBOXYLIC-ACID	Heart Wood		36.0		--
0	RS-8-HYDROXY-2-(1'-HYDROXY-ETHYL)-NAPHTHO-(2,3,B)-FURAN-4,9-DIONE	Stem Bark		4.0		--
0	2-ACETYL-NAPHTHO-(2-3-B)-FURAN-4-9-DIONE	Bark				--
0	6-O-(3-4-DIMETHOXY-BENZOYL)-AJUGOL	Bark		200.0		--
0	2-ACETYL-5-HYDROXY-NAPHTHO-(2-3-B)-FURAN-4-9-DIONE	Tissue Culture		50.0		--
48	LAPACHOL	Heart Wood		41240.0		--
3	TECTOQUINONE	Heart Wood		150.0		--
0	ANTHRAQUINONE-2-ALDEHYDE	Heart Wood		32.0		--
0	(-)-5-HYDROXY-2-(1'-HYDROXY-ETHYL)-NAPHTHO-(2,3,B)-FURAN-4,9-DIONE	Stem Bark		10.0		--
0	2-(1-HYDROXY-ETHYL)-NAPHTHO-(2-3-B)-FURAN-4-9-DIONE	Bark				--
0	DEHYDRO-ALPHA-ISOLAPACHONE	Bark		200.0		--
48	LAPACHOL	Bark		1400.0		--
0	TABEBUIN	Heart Wood		20.0		--
2	2-HYDROXY-METHYL-ANTHRAQUINONE	Heart Wood		24.0		--
0	(+)-2-(1'-HYDROXY-ETHYL)-NAPHTHO-(2,3,B)-FURAN-4,9-DIONE	Stem Bark				--
0	MENAQUINONE-1	Heart Wood		10.0		--
0	8-HYDROXYISOLARICRESINOL	Bark		300.0		--
0	LAPACHENOLE	Heart Wood		200.0		--
176	QUERCETIN	Heart Wood				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	2-HYDROXY-3-METHYL-ANTHRAQUINONE	Heart Wood		62.0		--
0	(-)-6-HYDROXY-MELLEIN	Stem Bark				--
5	BETA-LAPACHONE	Heart Wood		152.0		--
0	2-DEHYDRO-ALPHA-LAPACHONE	Bark		350.0		--
0	PTHIOLOL	Heart Wood		18.0		--
0	2-ACETOXY-METHYL-ANTHRAQUINONE	Heart Wood		40.0		--
0	KIGELINONE	Tissue Culture		500.0		--
5	BETA-LAPACHONE	Bark				--
5	BETA-LAPACHONE	Wood				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	KIGELINONE	Bark		2.8		--
0	1-METHOXY-ANTHRAQUINONE	Heart Wood		3.6		--
0	PEONIDIN-3-CINNAMYL-SOPHOROSIDE	Flower				--
3	DEHYDRO-ALPHA-LAPACHONE	Heart Wood		62.0		--
1	ALPHA-LAPACHONE	Heart Wood		44.0		--
13	P-HYDROXY-BENZOIC-ACID	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	1-(1-HYDROXY-ETHYL)-FURONAPHTHOQUINONE	Bark				--
3	1-HYDROXYANTHRAQUINONE	Heart Wood		16.0		--
0	2-ACETYL-NAPHTHO-(2-3-B)-FURAN-4-9-DIONE	Stem Bark				--
3	DEHYDRO-ALPHA-LAPACHONE	Stem Bark				--
1	ALPHA-LAPACHONE	Bark				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	XYLOIDONE	Bark				--
0	CYANIDIN-3-O-BETA-D-RUTINOSIDE	Flower				--
6	ANISIC-ACID	Stem Bark				--
0	2-ACETYL-8-HYDROXY-NAPHTHO-(2-3-B)-FURAN-4-9-DIONE	Stem Bark		4.3		--
3	DEHYDRO-ALPHA-LAPACHONE	Bark		350.0		--
3	DEOXYLAPACHOL	Heart Wood		28.0		--
0	VERATRIC-ALDEHYDE	Stem Bark				--
0	BENZO[B]FURAN-6-CARBOXALDEHYDE	Stem Bark		5.0		--
7	ANISALDEHYDE	Stem Bark				--
0	2-ACETYL-5-HYDROXY-NAPHTHO-(2-3-B)-FURAN-4-9-DIONE	Stem Bark		3.7		--
0	CHRYSANTHEMIN	Flower				--
0	LAPACHOL-METHYL-ETHER	Heart Wood		26.0		--
0	VERATRIC-ACID	Stem Bark				--
0	O-HYDROXYBENZOIC-ACID	Heart Wood		82.0		--
0	6-O-(P-METHOXY-BENZOYL)-AJUGOL	Bark		1400.0		--
0	5-HYDROXY-2-(1-HYDROXY-ETHYL)-NAPHTHO(2,3-B)-FURAN-4-9-DIONE	Bark		2.8		--
0	4-HYDROXY-BENZOIC-ACID	Heart Wood		196.0		--
48	LAPACHOL	Stem Bark				--
28	VANILLIN	Stem Bark				--
0	3,4,5-TRIMETHOXYBENZOIC-ACID	Stem Bark				--
0	2,3-DIMETHYL-1,4-NAPHTHOQUINONE	Heart Wood		32.0		--
0	2-ETHYL-NAPHTHO(2,3-B)-FURAN-4-9-DIONE	Bark				--
0	6-O-(P-HYDROXY-BENZOYL)-AJUGOL	Bark		356.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	4-HYDROXY-BENZOIC-ACID	Stem Bark				--
48	LAPACHOL	Wood		159000.0		--