

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Holarrhena pubescens*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	KURCHILIDINE	Bark		1.2		--
0	CONARRHIMINE	Seed				--
0	KURCHAMINE	Bark				--
0	3ALPHA,20ALPHA-BES-(DIMETHYLAMINO)-5-PREGNEN	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	KURCHININ	Stem Bark		4.2		Siddiqui, B. S., Usmani, S. B., Begum, S., Siddiqui, S. 1993. Steroidal Alkaloids and an Androstane Derivative from the Bark of <i>Holarrhena pubescens</i> . <i>Phytochemistry</i> , 33(4): 925-928.
0	TRIMETHYLCONKURCHINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ERGOSTENOL	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	REGHOLARRHENINE-F	Stem Bark		400.0		--
0	HOLARRICINE	Seed				--
0	CONAMINE	Bark				--
0	N-3-METHYL-HOLARRHIMINE	Stem Bark				--
0	CONAMINE	Seed				--
0	ISOCONESSIMINE	Bark				--
0	3-AMINOCONAN-5-EN	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	KURCHINIDINE	Stem Bark		0.7		Siddiqui, B. S., Usmani, S. B., Begum, S., Siddiqui, S. 1993. Steroidal Alkaloids and an Androstane Derivative from the Bark of <i>Holarrhena pubescens</i> . <i>Phytochemistry</i> , 33(4): 925-928.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	TETRAMETHYLHOLARRHIMINE	Bark				--
0	DIHYDROISOCONESSINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	REGHOLARRHENINE-E	Stem Bark		15.5		--
0	HOLARRHINE	Seed				--
0	CAOTCHOUC	Latex Exudate	15000.0	97000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	N-20-METHYLHOLARRHIMINE	Stem Bark				--
0	LINOLENIC-ACID	Seed		19000.0	-0.24816923596893836	--
0	HOLONAMINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	KURCHINICIN	Bark		1.7		Siddiqui, B. S., Usmani, S. B., Begum, S., Siddiqui, S. 1994. Steroidal Constituents of Holarrhena pubescens. J. Natural Products, 57(1): 27-31.
0	KURCHESSINE	Stem Bark				--
0	DIHYDROISOCONESSIMINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	REGHOLARRHENINE-D	Stem Bark		15.0		--
0	HOLARRHIMINE	Stem Bark				--
0	MONOMETHYLHOLARRHIMINE-II	Bark				--
0	HOLARRHINE	Bark				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	HOLAMIDE	Bark		2.5		Siddiqui, B. S., Usmani, S. B., Begum, S., Siddiqui, S., Aftab, K., Gilani, A. U. 1995. Hypotensive Constituents from the Bark of <i>Holarrhena pubescens</i> (<i>Holarrhena antidysenterica</i>). <i>Heterocycles</i> , 41(2): 267-276.
0	KURCHENINE	Seed				--
0	STIGMASTADIENOL	Bark				List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	CONIMINE	Bark				List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	REGHOLARRHENINE-C	Stem Bark		70.0		--
0	HOLARRHIMINE	Seed				--
0	ALKALOIDS	Stem		5200.0	0.5073575385366715	ANON. 1948-1976. <i>The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi.</i> 11 volumes.
0	MONOMETHYLHOLARRHIMINE-I	Bark				--
0	ANTIDYSENTERICINE	Seed		8.2		--
0	HOLARRHIMINE	Bark				--
0	HOLADIENE	Stem Bark		7.0		Siddiqui, B. S., Usmani, S. B., Begum, S., Siddiqui, S. 1993. Steroidal Alkaloids and an Androstane Derivative from the Bark of <i>Holarrhena pubescens</i> . <i>Phytochemistry</i> , 33(4): 925-928.
0	KURCHAMINE	Stem Bark				--
0	REGHOLARRHENINE-B	Stem Bark		166.0		--
0	DIHYDROISOCONESSIMINE	Stem Bark				--
0	ALKALOIDS	Seed	18250.0	40000.0	1.258570715061275	--
0	L-QUERBRACHITOL	Stem		7000.0		--
0	LETTORESINOL-B	Latex Exudate				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-RESORCYLIC-ACID	Leaf				--
0	HOLARRHIDINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	KURCHAMIDE	Bark		1.7		--
0	RESIN	Bark		2000.0	-1.0422542517962106	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	CONESSIMINE	Bark		1200.0		--
0	REGHOLARRHENINE-A	Bark		3.6		--
0	DIHYDROCONCURESSINE	Stem Bark				--
0	PUBESCININE	Bark		1.8		Siddiqui, B. S., Usmani, S. B., Begum, S., Siddiqui, S., Aftab, K., Gilani, A. U. 1995. Hypotensive Constituents from the Bark of Holarrhena pubescens (Holarrhena antidysenterica). Heterocycles, 41(2): 267-276.
0	L-QUERBRACHITOL	Leaf	2500.0	15000.0		--
0	LETTORESINOL-A	Latex Exudate				--
0	ALKALOIDS	Leaf		9700.0	0.04215061339248829	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ALPHA-KURCHESSINE	Stem Bark				--
0	HOLARRHESSIMINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	KURCHALINE	Leaf				--
0	CONESSIDINE	Bark				--
0	REGHOLARRHENINE-A	Stem Bark		110.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PUBESCINE	Bark		2.5		Begum, S., Usmani, S. B., Siddiqui, B. S., Siddiqui, S. 1994. Alkaloids from the Bark of <i>Holarrhena pubescens</i> . <i>Phytochemistry</i> , 36(6): 1537-1541.
0	KURCHOLESSINE	Stem Bark		2.0		--
0	LETOCINE	Bark				--
0	ALKALOIDS	Flower		5500.0	0.10951258762264539	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ALPHA-HYDROXYCONESSINE	Bark				--
0	3-ALPHA-AMINOCONAN-5-ENE	Stem Bark				--
0	CONCURESSINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	KURCHIPHYLLINE	Leaf				--
0	CONESSIMINE	Stem Bark		750.0		--
0	KURCHOLESSINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ALKALOIDS	Bark	2200.0	42000.0	-0.24597793949546942	--
0	PUBESCIMINE	Bark		3.2		Begum, S., Usmani, S. B., Siddiqui, B. S., Siddiqui, S. 1994. Alkaloids from the Bark of <i>Holarrhena pubescens</i> . <i>Phytochemistry</i> , 36(6): 1537-1541.
0	ALPHA-HYDROXYCONESSINE	Stem Bark				--
0	HOLADYSONE	Bark		1.3		--
0	2,4-METHYLENE-CHOLESTEROL	Tissue Culture				--
0	ISOCONESSIMINE	Stem Bark		750.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CONCURCHININE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	N-N-1-TETRAMETHYLHOLARRHIMINE	Plant				--
0	KURCHIPHYLLAMINE	Leaf				--
0	CONESSIDINE	Seed				--
0	7ALPHA-HYDROXYCONESSINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	NORHOLADIENE	Bark		1.2		Begum, S., Usmani, S. B., Siddiqui, B. S., Siddiqui, S. 1994. Alkaloids from the Bark of Holarrhena pubescens. Phytochemistry, 36(6): 1537-1541.
0	4-HYDROXY-BENZOIC-ACID	Leaf				--
0	GUM	Bark		95600.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	HOLONAMINE	Stem Bark				--
0	N-3-METHYL-HOLARRHIMINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	CONCURCHINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	N-N'-TETRAMETHYLHOLARRHIMINE	Stem Bark				--
0	KURCHIMINE	Stem Bark				--
0	CONCURESSINE	Stem Bark				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3ALPHA-DIMETHYL-AMINO-5ALPHA-CONANINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	KURCHININE	Bark		2.2		Siddiqui, B. S., Usmani, S. B., Begum, S., Siddiqui, S. 1994. Steroidal Constituents of Holarrhena pubescens. J. Natural Products, 57(1): 27-31.
0	KURCHESSINE	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	FAT	Seed	190000.0	300000.0	0.18231593776493718	--
0	HOLARRIFINE	Bark				--
0	N-20-METHYL-HOLARRHIMINE	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	CONARRHIMINE	Bark				--
0	N-METHYLHOLARRHIMINE	Stem Bark				--
1	KURCHICINE	Seed				--
1	CHOLESTEROL	Tissue Culture				--
1	LIGNOCERIC-ACID	Seed	3610.0	5700.0	0.18942030058900047	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
1	NORCONESSINE	Bark		3.0		--
1	KURCHINE	Bark				--
1	KURCHICINE	Bark				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
3	HOLARRHENINE	Bark				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	SYRINGIC-ACID	Leaf				--
8	STEARIC-ACID	Seed		12920.0	-0.28506991273012394	--
12	STIGMASTEROL	Tissue Culture				--
13	PALMITIC-ACID	Seed	10640.0	16800.0	-0.3529625382711847	--
14	CONESSINE	Bark	900.0	13000.0		--
14	CONESSINE	Stem Bark	900.0	2900.0		--
14	CONESSINE	Seed				--
14	CONESSINE	Root Bark				--
14	CONESSINE	Tissue Culture				--
18	OLEIC-ACID	Seed	39900.0	63000.0	-0.46120322116780205	--
21	LUPEOL	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
24	VANILLIC-ACID	Leaf				--
27	LINOLEIC-ACID	Seed	52000.0	164100.0	0.4881914759448337	--
35	TANNIN	Bark		11400.0	-1.1344523896057144	--
47	BETA-SITOSTEROL	Bark				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
47	BETA-SITOSTEROL	Tissue Culture				--
75	KAEMPFEROL	Leaf				--
89	URSOLIC-ACID	Leaf				--
176	QUERCETIN	Leaf				--