

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Uncaria tomentosa*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
3	ISOMITRAPHYLLINE	Leaf		25000.0		--
15	ISORHYNCHOPHYLLINE	Leaf		22200.0		--
15	ISORHYNCHOPHYLLINE	Root	45.5	21600.0		--
12	MITRAPHYLLINE	Leaf		10900.0		--
1	SPECIOPHYLLINE	Leaf		10800.0		--
23	RHYNCHOPHYLLINE	Root	23.3	10300.0		--
3	AKUAMMIGINE	Leaf		9200.0		--
23	RHYNCHOPHYLLINE	Leaf		7700.0		--
1	SPECIOPHYLLINE	Root		6600.0		--
3	PTEROPODINE	Root		5600.0		--
12	MITRAPHYLLINE	Root		5000.0		--
3	PTEROPODINE	Leaf		4800.0		--
3	ISOMITRAPHYLLINE	Root		3300.0		--
3	ISOPTEROPODINE	Leaf		3100.0		--
1	UNCARINE-F	Root		3100.0		--
3	PTEROPODINE	Stem Bark	50.0	3000.0		--
3	ISOPTEROPODINE	Root	19.3	2800.0		--
1	UNCARINE-F	Leaf		2800.0		--
1	SPECIOPHYLLINE	Stem Bark	80.0	1600.0		--
1	ISOCORYNOXEINE	Root		950.0		--
7	DIHYDROCORYNANTHEINE	Leaf		800.0		--
8	HIRSUTINE	Root		800.0		--
7	DIHYDROCORYNANTHEINE	Root		710.0		--
1	UNCARINE-F	Stem Bark	30.0	630.0		--
3	ISOPTEROPODINE	Stem Bark	60.0	630.0		--
1	ISOCORYNOXEINE	Leaf		600.0		--
1	CORYNOXEINE	Root		510.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
12	MITRAPHYLLINE	Stem Bark	30.0	500.0		--
8	HIRSUTINE	Leaf		330.0		--
3	AKUAMMIGINE	Root		300.0		--
3	HIRSUTEINE	Root		190.0		--
1	CORYNOXEINE	Leaf		190.0		--
64	OLEANOLIC-ACID	Root Bark	100.0	150.0	1.0	--
3	HIRSUTEINE	Leaf		140.0		--
38	(-)-EPICATECHIN	Bark		25.0	1.0	--
3	ISOMITRAPHYLLINE	Stem Bark		20.0		--
2	CAMPESTEROL	Bark				--
87	RUTIN	Bark				Van Ginkel, A. 1996. Identification of the Alkaloids and Flavonoids from <i>Uncaria tomentosa</i> Bark by TLC in Quality Control. <i>Phytotherapy Research</i> , 10: S18-S19.
1	SPECIOPHYLLINE	Bark				--
1	UNCARINE-F	Root Bark				--
1	SPECIOPHYLLINE	Root Bark				--
47	BETA-SITOSTEROL	Bark				--
15	ISORHYNCHOPHYLLINE	Root Bark				--
3	PTEROPODINE	Bark				--
77	CHLOROGENIC-ACID	Bark				Van Ginkel, A. 1996. Identification of the Alkaloids and Flavonoids from <i>Uncaria tomentosa</i> Bark by TLC in Quality Control. <i>Phytotherapy Research</i> , 10: S18-S19.
23	RHYNCHOPHYLLINE	Root Bark				--
64	OLEANOLIC-ACID	Plant				--
1	ANGUSTINE	Leaf				--
3	ISOPTEROPODINE	Root Bark				--
1	ALLOPTEROPODINE	Root				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
12	STIGMASTEROL	Bark				--
1	ALLOISOPTEROPDINE	Root				--
12	MITRAPHYLLINE	Root Bark				--
12	MITRAPHYLLINE	Bark				--
3	PTEROPODINE	Root Bark				--
89	URSOLIC-ACID	Plant				--
3	ISOMITRAPHYLLINE	Root Bark				--
1	UNCARINE-F	Plant				Fernando Cabieses, 1994.