

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Leptospermum scoparium*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
51	ELLAGIC-ACID	Bark				Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. <i>Phytochemistry</i> 7 10: 1803-1813
47	BETA-SITOSTEROL	Shoot				--
22	BETULINIC-ACID	Bark		5000.0	-0.024070725346820927	--
9	DELTA-CADINENE	Essential Oil				--
6	PINOSTROBIN	Shoot				--
6	UVAOL	Shoot				--
3	AROMADENDRENE	Essential Oil				--
3	BETA-SELINENE	Essential Oil				--
3	3,3',4'-TRI-O-METHYL-ELLAGIC-ACID	Bark				Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. <i>Phytochemistry</i> 7 10: 1803-1813
3	ALPHA-SELINENE	Essential Oil				--
2	ALPHA-HUMULENE	Essential Oil				--
1	5,7-DIMETHOXYFLAVONE	Shoot				--
0	CHRYSIN-DIMETHYL-ETHER	Shoot				--
0	STROBOPININ	Shoot				--
0	2,5-DIHYDROXY-7-METHOXY-6,8-DIMETHYLFLAVAN-3-ONE	Leaf				--
0	STROBOCHRYSIN-DIMETHYL-ETHER	Shoot				--
0	2'-BETA-DIHYDROXY-3'-METHYL-4',6'-DIMETHOXYCHALCONE	Shoot				--
0	ALPHA-GURJUNENE	Essential Oil				--
0	DELTA-AMORPHENE	Essential Oil				--
0	3-O-METHYL-ELLAGIC-ACID	Bark				Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. <i>Phytochemistry</i> 7 10: 1803-1813
0	BETA-CARYOPHYLLENE	Essential Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	5-HYDROXY-7-METHOXY-6-METHYLFLAVONE	Shoot				--
0	3,3'-DI-O-METHYL-ELLAGIC-ACID	Bark				Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. <i>Phytochemistry</i> 7 10: 1803-1813
0	(-)-TRANS-CALAMENENE	Essential Oil				--
0	5-HYDROXY-7-METHOXY-6,8-DIMETHYLFLAVONE	Shoot				--
0	SYRINGIC-ACID-METHYL-ESTER	HI				--
0	3,4,5-TRIMETHOXYBENZOIC-ACID-METHYL-ESTER	HI				--
0	3'-O-METHYL-3-4-METHYLENEDIOXY-ELLAGIC ACID	Bark				Lowry, J. B. 1968. The Distribution and Potential Taxonomic Value of Alkylated Ellagic Acids. <i>Phytochemistry</i> 7 10: 1803-1813
0	PLATANIC-ACID	Shoot		0.6		--
0	(-)-CADINA-3,5-DIENE	Essential Oil				--
0	FLAVANONE-5,7-DIMETHOXY-6-METHYLFLAVONE	Shoot				--
0	3,4,5-TRIMETHOXYBENZOIC-ACID	HI				--
0	CADINA-1,4-DIENE	Essential Oil				--
0	5-HYDROXY-7-METHOXY-6-METHYLFLAVANONE	Shoot				--
0	ALPHA-CUBEBENE	Essential Oil				--
0	(-)-ZONARENE	Essential Oil				--
0	3-BETA-O-TRANS-P-COUMAROYL-MASLINIC-ACID	Leaf		30.0		--
0	(-)-CADINA-1(6),4-DIENE	Essential Oil				--
0	5-HYDROXY-7-METHOXY-6,8-DIMETHYLFLAVANONE	Shoot				--
0	DIMETHYLCRYPTOSTROBIN	Shoot				--
0	ALPHA-YLANGENE	Essential Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	3-BETA-O-CIS-P-COUMAROYL-MASLINIC-ACID	Leaf		14.0		--
0	(-)-BICYCLOSEQUIPELLANDRENE	Essential Oil				--
0	5,7-DIMETHOXYFLAVANONE	Shoot				--
0	ALPHA-COPAENE	Essential Oil				--
0	3-BETA-30-DIHYDROXYLUP-20(29)-EN-28-OIC-ACID	Shoot		1.0		--
0	BETULINOL	Shoot				--
0	5,7-DIMETHOXY-6-METHYLFLAVANONE	Shoot				--
0	COLOSOLIC-ACID	Shoot		3.2		--
0	STROBOPININ-7-METHYL-ETHER	Shoot				--
0	JACOUMARIC-ACID	Leaf		40.0		--
0	ALLO-AROMADENDRENE	Essential Oil				--
0	5-HYDROXY-7-METHOXY-6,8-DIMETHYLFLAVAN-3-ONE	Shoot				--