

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Taxus baccata*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	(+)-ABSCISSIC-ACID	Seed				--
0	(-)-2-(3,4-METHYLENEDIOXYBENZYL-3-(3,4-METHYLENEDIOXYBENZYLIDENE)-BUTANE-1,4-DIOL	Shoot		4.0		--
0	(-)-HIBALACTONE	Shoot		10.0		--
0	(-)-ISOHIBALACTONE	Shoot		7.0		--
1	(-)-MATAIRESINOL	Shoot		4.0		--
0	(-)-RHODODENDRIN	Twig				--
0	(-)-RHODODENDROL	Twig				--
0	(-)-SECOISOLARICIRESINOL	Twig				--
0	(R)-TAXIPHYLLINE	Plant				--
0	(S)-DHURRINE	Plant				--
0	1-DEHYDROXYBACCATIN-4	Wood				--
0	10-DEACETYLBACCATIN	Twig				--
0	10-DEACETYLCEPHALOMANNINE	Stem Bark				--
0	10-DEACETYLTAXANE	Stem Bark				--
0	13-DECINNAMOYL TAXICHINNIN-B	Twig				--
0	19-HYDROXYBACCATIN	Leaf				--
1	1BETA-HYDROXYBACCATIN-1	Wood				--
0	3,4-DIVANILLYLTETRAHYDROFURAN	Plant				--
0	3-DEMETHYL-(-)-SECOISOLARICIRESINOL	Plant				--
0	4'-O-DEMETHYLSUCHILACTONE	Twig				--
0	4BETULOSIDE	Plant				--
0	5-DEACETYL-BACCATIN-1	Wood				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	ALPHA-CONIDENDRIN	Shoot		3.0		--
0	BACCATIN	Root				--
0	BACCATIN	Wood				--
0	BACCATIN-1	Wood				--
0	BACCATIN-2	Wood				--
0	BACCATIN-3	Wood				--
0	BACCATIN-4	Wood				--
0	BACCATIN-5	Wood				--
0	BACCATIN-6	Wood				--
0	BACCATIN-7	Wood				--
0	BACCATINE	Root Bark				--
20	BENZOIC-ACID	Leaf	4.0	220.0	-0.30357096339012085	--
53	BETA-CAROTENE	Fruit				--
0	BETA-RESORCYLIC-ACID	Leaf	0.001			--
47	BETA-SITOSTEROL	Leaf				--
0	BETULOSIDE	Plant				--
1	BREVIFOLIOL	Twig				--
102	CAFFEIC-ACID	Leaf	0.9	4.7	-0.7152751692990306	--
0	CEPHALOMANINE	Stem Bark				--
3	CEPHALOMANNINE	Stem Bark				--
0	CHINIC-ACID	Leaf	0.001	0.2		--
18	CINNAMIC-ACID	Leaf	4.0	595.0	1.0	--
4	ECDYSTERONE	Leaf				--
49	EPHEDRINE	Leaf				--
0	ESCHESCHOLTZXANTHON E	Fruit				--
0	FERREDOXIN	Leaf				--
61	FERULIC-ACID	Leaf	0.1	3.5	-0.8026400071481049	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	FORMIC-ACID	Leaf				--
62	GALLIC-ACID	Leaf	0.001	0.3	-0.871783389730648	--
0	GAMMA-RESORCYLIC-ACID	Leaf	0.0	28.0		--
8	GENTISIC-ACID	Leaf	0.0	11.0	-1.0	--
11	GINKGETIN	Leaf				--
11	GINKGETIN	Twig				--
9	HCN	Leaf	12.0	39.0	-1.1440939067697622	--
0	HOMOPROTOCATECHUIC-ACID	Leaf	0.0	4.0		--
0	ISOLARICIRESINOL	Wood				--
0	ISOTAXIRESINOL	Wood				--
0	ISOTAXIRESINOL-6-METHYL-ETHER	Wood				--
0	ISOTAXIRESINOL-SECOISOLARICIRESINOL	Wood				--
0	ISOTRIGLOCHININE	Plant				--
0	KAYAFLAVONE	Twig				--
0	LACTONE-DIOL	Twig				--
16	LYCOPENE	Fruit				--
1	M-HYDROXYBENZOIC-ACID	Leaf	0.001	0.6		--
0	MYOINOSITOL-P-COUMARIC-ESTER	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
25	P-COUMARIC-ACID	Leaf	4.0	965.0	-0.09660438372165213	--
0	P-HDYROXYPHENYLACETIC-ACID	Leaf	0.4	5.0		--
13	P-HYDROXY-BENZOIC-ACID	Leaf	5.0	60.0	1.4121028530248747	--
0	PHLOROGLUCINIC-ACID	Leaf	0.001	0.1		--
43	PROTOCATECHUIC-ACID	Leaf	9.0	35.0	-0.5213868403622216	--
0	PYROCATECHUIC-ACID	Leaf	0.0	5.0		--
1	QUINIC-ACID	Plant				--

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0	RESINS	Leaf				--
1	RHODOXANTHIN	Fruit				--
34	SALICYLIC-ACID	Leaf	0.001	4.0	1.0	--
0	SCHIKIMIC-ACID	Plant				--
3	SCIADOPITYSIN	Leaf				--
3	SCIADOPITYSIN	Twig				--
0	SEQUOIAFLAVONE	Plant				--
0	SEQUOYITOL	Wood				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	SOTETSUFLAVONE	Leaf				--
0	SUCHILACTONE	Twig				--
6	SYRINGIC-ACID	Leaf	0.001			--
41	TANNIC-ACID	Leaf				--
0	TAXA-4(20),11-DIENE-2ALPHA,5ALPHA,7BETA,10BETA-TETRAOL-5,7,10-TRIACETATE-2ALPHA-METHYL-BUTYRATE	Wood				--
0	TAXA-4(20),11-DIENE-2ALPHA,5ALPHA,7BETA,9ALPHA,10BETA,13ALPHA-HEXAOL-HEXACETATE	Wood				--
0	TAXA-4(20),11-DIENE-2ALPHA,5ALPHA,7BETA,9ALPHA,10BETA-PENTAOL-5,7,9,10-TETRAACETATE	Wood				--
0	TAXA-4(20),11-DIENE-2ALPHA,5ALPHA,7BETA,9ALPHA,10BETA-PENTAOL-7,9,10-TRIACETATE	Wood				--
0	TAXA-4(20),11-DIENE-2ALPHA,5ALPHA,9ALPHA,10BETA,13ALPHA-PENTAOL-PENTACETATE	Wood				--

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0	TAXA-4(20),11-DIENE-5ALPHA,7BETA,9ALPHA,10BETA,13ALPHA-PENTAOL-PENTACETATE	Wood				--
0	TAXA-4(20),11-DIENE-5ALPHA,9-ALPHA,10BETA,13ALPHA-TETRAOL-9,10-DIACETATE	Wood				--
0	TAXACATINE	Plant				--
0	TAXICATIN	Seed				--
0	TAXICATIN	Leaf				--
0	TAXIGIFINE	Leaf				--
0	TAXINE-A	Leaf				--
3	TAXINE-B	Leaf				--
1	TAXIPHYLLIN	Leaf				--
0	TAXIRESINOL	Wood				--
0	TAXIRESINOL	Shoot				--
9	TAXOL	Leaf				--
0	TAXOL-A	Plant				--
0	TAXOL-B	Plant				--
0	TAXUSIDE	Leaf				--
0	TAXUSIN	Wood				--
0	TETRAOL	Leaf				--
0	TETRAOL	Plant				--
0	TETRAOL	Wood				--
0	TOXIM	Leaf				--
0	TRIGLOCHININE	Plant				--
24	VANILLIC-ACID	Leaf	5.0	21.0	1.1534997842132808	--
5	ZEAXANTHIN	Fruit				--