

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in *Taxus baccata***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(+)-ABSCISSIC-ACID	Seed	--	--		
0	(-)-2-(3,4-METHYLENEDIOXYBENZYL-3-(3,4-METHYLENEDIOXYBENZYLIDENE)-BUTANE-1,4-DIOL	Shoot	--	4		
0	(-)-HIBALACTONE	Shoot	--	10		
0	(-)-ISOHIBALACTONE	Shoot	--	7		
1	(-)-MATAIRESINOL	Shoot	--	4		
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	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	4'-O-DEMETHYLSUCHILACTONE	Twig	--	--		
0	4BETULOSIDE	Plant	--	--		
0	5-DEACETYL-BACCATIN-1	Wood	--	--		
0	ALPHA-CONIDENDRIN	Shoot	--	3		
0	BACCATIN	Wood	--	--		
0	BACCATIN	Root	--	--		
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	220	-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	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CEPHALOMANINE	Stem Bark	--	--		
3	CEPHALOMANNINE	Stem Bark	--	--		
0	CHINIC-ACID	Leaf	0.001	0.2		
18	CINNAMIC-ACID	Leaf	4	595	1	
4	ECDYSTERONE	Leaf	--	--		
49	EPHEDRINE	Leaf	--	--		
0	ESCHESCHOLTZXANTHONE	Fruit	--	--		
0	FERREDOXIN	Leaf	--	--		
61	FERULIC-ACID	Leaf	0.1	3.5	-0.8026400071481049	
13	FORMIC-ACID	Leaf	--	--		
62	GALLIC-ACID	Leaf	0.001	0.3	-0.871783389730648	
0	GAMMA-RESORCYLIC-ACID	Leaf	--	28		
8	GENTISIC-ACID	Leaf	--	11	-1	
11	GINKGETIN	Leaf	--	--		
11	GINKGETIN	Twig	--	--		
9	HCN	Leaf	12	39	-1.1440939067697622	
0	HOMOPROTOCATECHUIC-ACID	Leaf	--	4		
0	ISOLARICIRE SINOL	Wood	--	--		
0	ISOTAXIRESINOL	Wood	--	--		
0	ISOTAXIRESINOL-6-METHYL-ETHER	Wood	--	--		
0	ISOTAXIRESINOL-SECOISOLARICIRE SINOL	Wood	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	965	-0.09660438372165213	
0	P-HDYROXYPHENYLACETIC-ACID	Leaf	0.4	5		
13	P-HYDROXY-BENZOIC-ACID	Leaf	5	60	1.4121028530248747	
0	PHLOROGLUCINIC-ACID	Leaf	0.001	0.1		
43	PROTocatechuic-ACID	Leaf	9	35	-0.5213868403622216	
0	PYROCatechuic-ACID	Leaf	--	5		
1	QUINIC-ACID	Plant	--	--		
0	RESINS	Leaf	--	--		
1	RHODOXANTHIN	Fruit	--	--		
34	SALICYLIC-ACID	Leaf	0.001	4	1	
0	SCHIKIMIC-ACID	Plant	--	--		
3	SCIADOPITYSIN	Twig	--	--		
3	SCIADOPITYSIN	Leaf	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	--	--		
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	Leaf	--	--		
0	TAXICATIN	Seed	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	Wood	--	--		
0	TETRAOL	Plant	--	--		
0	TOXIM	Leaf	--	--		
0	TRIGLOCHININE	Plant	--	--		
24	VANILLIC-ACID	Leaf	5	21	1.1534997842132808	
5	ZEAXANTHIN	Fruit	--	--		