

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Digitalis purpurea*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
102	CAFFEIC-ACID	Leaf				--
101	APIGENIN	Flower				--
78	LUTEOLIN	Leaf				--
77	CHLOROGENIC-ACID	Leaf				--
62	GALLIC-ACID	Leaf				--
61	FERULIC-ACID	Leaf				--
25	P-COUMARIC-ACID	Leaf				--
23	CITRIC-ACID	Leaf				--
20	CHOLINE	Leaf				--
20	BENZOIC-ACID	Leaf				--
19	ACETYL-CHOLINE	Leaf				--
16	ACETIC-ACID	Leaf				--
13	FORMIC-ACID	Leaf				--
8	LACTIC-ACID	Leaf				--
8	INOSITOL	Leaf				--
7	SUCCINIC-ACID	Leaf				--
6	DIGITOXIN	Leaf	20.0	3000.0	1.0	--
5	SAPONINS	Seed		10000.0	-0.36342137442891553	--
4	DIGITONIN	Seed		4000.0		--
4	DIGITONIN	Leaf				--
3	GITOXIN	Leaf	20.0	250.0	1.0	--
2	DIGITOLUTEIN	Leaf				--
2	LOLIOLIDE	Leaf				--
2	DIGITALIN	Plant				--
1	GITALIN	Leaf	3000.0	9000.0		--
1	GITOXIGENIN	Leaf	1.0	10.0	-1.0	--
1	TIGOGENIN	Leaf	4000.0	7000.0	1.0	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	STROSPESIDE	Leaf	50.0	200.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	GITOGENIN	Leaf	2000.0	3000.0		--
0	PURPUREAGLYCOSIDE-B	Leaf	200.0	800.0		--
0	GLUCOLANADOXIN	Seed		150.0	-1.0	--
0	DIGITOXIGENIN-GLUCOMETHYLOSIDE	Leaf	30.0	100.0		--
0	GITOXIGENIN-BISDIGITOXOSIDE	Leaf	1.0	20.0		--
0	DIGIPURPURIN	Leaf	225.0	560.0		--
0	1-METHOXY-2-HYDROXY-3-METHYL-ANTHRAQUINONE	Leaf				--
0	GLUCODIGITOXIGENIN-BISDIGITOXOSIDE	Leaf	20.0	120.0		--
0	DEGALACTOTIGOGENIN	Leaf				--
0	TRIACONTANE	Leaf				--
0	LUTEOLIN-7-XYLOSIDE-5-GLUCURONIDE	Leaf				--
0	PURPUREAGLYCOSIDE-A	Seed		30.0	-1.0	--
0	GLUCOLANADOXIN	Leaf	20.0	200.0	-1.0	--
0	DIGITOXIGENIN-BISDIGITOXOSIDE	Leaf	10.0	30.0	1.0	--
0	DIGIPROSIDE	Leaf		5.0	-1.0	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ODOROBIOSIDE-H	Leaf		5.0		--
0	CYANIDIN-3,5-DIGLUCOSIDE	Leaf				--
0	TIGONIN	Seed		300.0		--
0	LUTEOLIN-7-D-GLUCOSIDE	Leaf				--
0	PURPUREAGLYCOSIDE-A	Leaf	200.0	1200.0	1.0	--
0	GLUCOGITOXIGENIN-BISDIGITOXOSIDE	Leaf	20.0	80.0		--
0	DIGITOXIGENIN	Leaf	1.0	10.0	-1.0	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	GITOSTIN	Seed		200.0		--
0	DIGIPRONIN	Leaf				--
0	ODOROBIOSIDE-G	Seed	50.0	100.0		--
0	TIGONIN	Leaf				--
0	LUTEOLIN-5-XYLOSIDE-7-GLUCURONIDE	Leaf				--
0	6,8-DIHYDROXYMYRICETIN	Leaf				--
0	PURPUREAGITOSIDE	Plant				--
0	GLUCOGITOROSIDE	Seed		30.0	-1.0	--
0	DIGITOPURPON	Leaf				--
0	GITOROSIDE	Leaf	5.0	30.0	-1.0	--
0	DIGININ	Leaf				--
0	ODOROBIOSIDE-G	Leaf	20.0	50.0	1.0	--
0	4-HYDROXYDIGITOLUTEIN	Leaf				--
0	PURPRONIN	Leaf				--
0	GLUCOGITOROSIDE	Leaf	20.0	150.0	-1.0	--
0	GLUCODIGIFUCOSIDE	Seed		600.0	1.0	--
0	GITORIN	Plant				--
0	DIGIFUCOCELLOBIOSIDE	Seed		30.0		--
0	NEOGITOSTIN	Seed		200.0		--
0	FAT	Seed		500000.0	1.235787477603246	--
0	LANAFOLIN	Leaf				--
0	GLUCOGITALOXIN	Seed		200.0		--
0	GLUCODIGIFUCOSIDE	Leaf	10.0	30.0	-1.0	--
0	3-METHYLPURPURIN	Plant				--
0	PURPRIN	Leaf				--
0	GITONIN	Seed		1500.0		--
0	DIGIFOLEIN	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	NEODIGTALOGENIN	Plant				--
0	FAT	Leaf		12200.0	-0.8820016815010048	--
0	CEROTIC-ACID	Leaf				--
0	LANADOXIN	Leaf	5.0	30.0	-1.0	--
0	GLUCOGITALOXIN	Leaf	100.0	1000.0	1.0	--
0	GLUCO-EVATROMONOSIDE	Seed		200.0	-1.0	--
0	3-METHYL-ALIZARIN	Leaf				--
0	PURPNIN	Plant				--
0	GITONIN	Leaf				--
0	DIGICITRIN	Leaf				--
0	NEODIGITOGENIN	Plant				--
0	F-GITONIN	Leaf				--
0	CARDEONOLIDES	Leaf	1600.0	4000.0		--
0	SPIROSTANOL-GLYCOSIDES	Leaf		10000.0		--
0	GLUCOGITALOXIGENIN-BISDIGITOXOSIDE	Seed		20.0		--
0	GLUCO-EVATROMONOSIDE	Leaf	20.0	250.0	-1.0	--
0	DIGITOGENIN	Leaf				--
0	3-METHOXY-2-METHYL-ANTHRAQUINONE	Leaf				--
0	PURLANOSIDE-B	Seed		20.0		--
0	DIGALONIN	Leaf				--
0	MELISSYL-ALCOHOL	Leaf				--
0	EVATROMONOSIDE	Leaf	5.0	50.0		--
0	SITOSTEROL	Leaf				--
0	ISOCHRYSOPHANOL	Leaf				--
0	GLUCOGITALOXIGENIN-BISDIGITOXOSIDE	Leaf	10.0	100.0		--
0	GITOXOSIDE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DIGITALONIN	Leaf				--
0	16-ACETYLGITOXIN	Leaf				--
0	PHOMARIN-6-METHYL-ETHER	Leaf				--
0	GITALOXIN	Leaf	10.0	300.0	1.0	--
0	DIGALOGENIN	Leaf				--
0	LUTEOLIN-L-7-GLUCURONIDE	Leaf				--
0	DINATIN	Leaf				--
0	GLUCOVERODOXIN	Seed		1000.0	1.0	--
0	GLUCODIGITOXIGENIN-GLUCOMETHYLOSIDE	Leaf				--
0	GITOXINCELLOBIOSIDE	Seed		2.0		--
0	14ALPHA-DIGIPRONIN	Plant				--
0	PHOMARIN	Leaf				--
0	GITALOXIGENIN-BISDIGITOXOSIDE	Leaf	1.0	20.0		--
0	DIGACETENIN	Leaf				--
0	LUTEOLIN-L-7-GLUCOSYL-GLUCURONIDE	Leaf				--
0	APIGENIN-GLUCOSYLAPOSIDE	Flower				--
0	PURPUREAGLYCOSIDE-B	Seed		10.0	-1.0	--
0	GLUCOVERODOXIN	Leaf	100.0	400.0	-1.0	--
0	DIGIPURPUROGENIN	Plant				--
0	1-METHOXY-2-METHYL-ANTHRAQUINONE	Leaf				--
0	PELARGONIDIN-3,5-DIGLUCOSIDE	Leaf				--
0	GLUCODIGITOXIGENIN-BISDIGITOXOSIDE	Seed		10.0		--
0	GITALOXIGENIN	Leaf	1.0	10.0		--
0	DESGLUCODIGITONIN	Seed		2500.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	VERODOXIN	Leaf	50.0	200.0	1.0	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	LUTEOLIN-DIGLUCOSIDE	Flower				--