

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

**Chemicals found in Adonis vernalis**

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	K-STROPHANTHIDIN	Plant				--
0	ADONIVERNITH	Plant				--
0	ADONITIC-ACID	Plant				--
1	PENTATRIACONTANE	Plant				--
0	DEXTRIN	Plant				--
0	ADONIVERNIDASE	Plant				--
13	PALMITIC-ACID	Plant				--
0	ADONIDOSIDE	Plant				--
6	CYMARIN	Leaf				--
0	VERNADIN	Root				--
0	ADONITOXOL	Plant				--
0	ORIENTIN-2'-O-BETA-D-XYLOPYRANOSIDE	Plant				--
0	ADONIDINE	Plant				--
23	CITRIC-ACID	Plant				--
0	VERNADIGIN	Plant				--
1	ADONITOXIN	Plant				--
0	LUTEOLINXYLOSIDE	Plant				--
0	ADONIDIC-ACID	Plant				--
20	CHOLINE	Plant				--
0	THYMINE	Plant				--
1	ADONITOXIN	Leaf				--
0	LINOLEON	Plant				--
1	ACONITIC-ACID	Plant				--
77	CHLOROGENIC-ACID	Plant				--
0	STROPHANTHIDIN-DIGITALOSIDE	Plant				--
0	ADONITOXIGENIN-3-O-ALPHA-L-RHAMNOSIDO-BETA-D-GLUCOSIDE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
27	LINOLEIC-ACID	Plant				--
0	ACETYLDONITOXIN	Plant				--
102	CAFFEIC-ACID	Plant				--
0	STROPHADOGENIN	Plant				--
0	ADONITOXIGENIN-3-(O-ALPHA-L{3'O-ACETYL}-RHAMNOSIDO)-BETA-D...	Plant				--
0	L-RHAMNOSE	Plant				--
0	3-EPI-PERIPLOGENIN	Plant				--
0	BETA-D-DIGINOSIDE	Plant				--
0	ADONITOXIGENIN-3-(O-ALPHA-L{2'O-ACETYL}-RHAMNOSIDO)-BETA-D...	Plant				--
44	QUERCITRIN	Plant				--
0	L-ASPARAGINE	Plant				--
0	3-ACETYLSTROPHADOGENIN	Plant				--
0	BETA-ACETYLDONITOXIN	Leaf				--
0	ADONITOXIGENIN-2-ACETYL-RHAMNOSIDE	Plant				--
0	PROTEIN	Plant		140000.0	-0.2742457494551171	--
0	K-STROPHANTHIN	Plant				--
0	16-HYDROXYSTROPHANTHIDINE	Plant				--
130	BERBERINE	Plant				--
0	ADONITOXIGENIN	Plant				--
2	PHYTOSTEROLS	Plant				--
0	K-STROPHANTHIN	Leaf				--
0	16-HYDROXYSTROPHANTHIDINE	Leaf				--
1	ADONIVERNOSIDE	Plant				--
0	ADONITOL	Plant		40000.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	PENTOSANS	Plant		140000.0	-0.08920510513172407	--