

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

**Chemicals found in Spartium junceum**

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	FAT	Stem		46000.0	1.3743375942150367	--
0	PROTEIN	Seed	300000.0	378000.0	1.2827686594229366	--
15	FIBER	Stem		397000.0	0.788541857446456	--
0	CARBOHYDRATES	Stem	403000.0	800000.0	0.6975816542970472	--
4	PHOSPHORUS	Stem		2600.0	0.06902975293899401	--
27	LINOLEIC-ACID	Seed	68800.0	85312.0	-0.18687193000005983	--
0	PROTEIN	Plant		110000.0	-0.520094843876237	--
0	FAT	Seed	100000.0	124000.0	-0.7447390172927743	--
0	ASH	Stem		44000.0	-0.9265717504844788	--
28	CALCIUM	Stem		6500.0	-1.3276849903717276	--
21	SPARTEINE	Flower				--
5	CAPRYLIC-ACID	Flower				--
18	OLEIC-ACID	Seed				--
0	THERMOPSINE	Flower				--
1	N-NONACOSANE	Flower				--
8	STEARIC-ACID	Seed				--
102	CAFFEIC-ACID	Plant				--
0	N-METHYL-CYTISINE	Flower				--
0	SITOSTEROL	Flower				--
9	BETA-AMYRIN	Flower				--
6	MYRISTIC-ACID	Seed				--
0	CYTISINE-11-OXIDE	Flower				--
2	SCOPARIN	Flower				--
7	LUTEOLIN-7-GLUCOSIDE	Flower				--
10	CYTISINE	Fruit		6300.0		--
176	QUERCETIN	Plant				--
11	ANAGYRINE	Flower				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
1	LUTEOLIN-4'-GLUCOSIDE	Flower				--
10	CYTISINE	Flower				--
0	5-0-METHYLGENISTEIN	Shoot				--
21	LUPEOL	Flower				--
0	CHRYSIN-7-GENTIOBIOSIDE	Plant				--
0	PROTEIN	Dt		110000.0		--
3	2'-HYDROXYGENISTEIN	Leaf				--
0	LINOLENIC-ACID	Seed				--
0	CHRYSIN-7-BETA-D-GLUCOPYRANOSIDE	Plant				--
0	1,26-HEXACOSANEDIOL	Flower				--
60	CHRYSIN	Plant				--
13	PALMITIC-ACID	Seed				--
0	1,18-OCTADECANEDIOL	Flower				--
0	JUNCEIN	Flower				--
4	ORIENTIN	Flower				--
81	GENISTEIN	Shoot				--