

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

**Chemicals Found in Spartium junceum**

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1,18-OCTADECANEDIOL	Flower	--	--		
0	1,26-HEXACOSANEDIOL	Flower	--	--		
3	2'-HYDROXYGENISTEIN	Leaf	--	--		
0	5-O-METHYLGENISTEIN	Shoot	--	--		
11	ANAGYRINE	Flower	--	--		
0	ASH	Stem	44000	44000	-0.9265717504844788	
9	BETA-AMYRIN	Flower	--	--		
102	CAFFEIC-ACID	Plant	--	--		
28	CALCIUM	Stem	6500	6500	-1.3276849903717276	
5	CAPRYLIC-ACID	Flower	--	--		
0	CARBOHYDRATES	Stem	403000	800000	0.6975816542970472	
60	CHRYSIN	Plant	--	--		
0	CHRYSIN-7-BETA-D-GLUCOPYRANOSIDE	Plant	--	--		
0	CHRYSIN-7-GENTIOBIOSIDE	Plant	--	--		
10	CYTISINE	Flower	--	--		
10	CYTISINE	Fruit	6300	6300		
0	CYTISINE-11-OXIDE	Flower	--	--		
0	FAT	Seed	100000	124000	-0.7447390172927743	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	FAT	Stem	46000	46000	1.3743375942150367	
15	FIBER	Stem	397000	397000	0.788541857446456	
81	GENISTEIN	Shoot	--	--		
0	JUNCEIN	Flower	--	--		
27	LINOLEIC-ACID	Seed	68800	85312	-0.18687193000005983	
0	LINOLENIC-ACID	Seed	--	--		
21	LUPEOL	Flower	--	--		
1	LUTEOLIN-4'-GLUCOSIDE	Flower	--	--		
7	LUTEOLIN-7-GLUCOSIDE	Flower	--	--		
6	MYRISTIC-ACID	Seed	--	--		
0	N-METHYL-CYTISINE	Flower	--	--		
1	N-NONACOSANE	Flower	--	--		
18	OLEIC-ACID	Seed	--	--		
4	ORIENTIN	Flower	--	--		
13	PALMITIC-ACID	Seed	--	--		
4	PHOSPHORUS	Stem	2600	2600	0.06902975293899401	
0	PROTEIN	Dt	--	110000		
0	PROTEIN	Seed	300000	378000	1.2827686594229366	
0	PROTEIN	Plant	110000	110000	-0.520094843876237	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
176	QUERCETIN	Plant	--	--		
2	SCOPARIN	Flower	--	--		
0	SITOSTEROL	Flower	--	--		
21	SPARTEINE	Flower	--	--		
8	STEARIC-ACID	Seed	--	--		
0	THERMOPSINE	Flower	--	--		