Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Vigna angularis

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
3	ALANINE	Seed	11600.0	13401.0	0.6897746074509065	--
0	ALPHA-GLOBULIN	Seed				--
14	ARGININE	Seed	12840.0	14834.0	-0.41523869424717724	--
112	ASCORBIC-ACID	Seed				--
0	ASH	Seed	32600.0	37622.0	-0.3085397460859496	--
3	ASPARTIC-ACID	Seed	23550.0	27207.0	0.40996760344799277	--
0	AZUKISAPOGENOL	Plant				--
53	BETA-CAROTENE	Seed	0.1	0.9	-0.37305024284617794	--
0	BETA-GLOBULIN	Seed				--
28	CALCIUM	Seed	660.0	762.0	-0.6215753760089159	--
0	CARBOHYDRATES	Seed	629000.0	726664.0	0.8078031121785747	--
0	CARNAUBIC-ACID	Seed	265.0	305.0	-1.0	--
12	COPPER	Seed	11.0	13.0	-0.1645816165812568	--
0	CUORIN	Seed				--
2	CYSTINE	Seed	1840.0	2126.0	-0.7123514125169944	--
32	DAIDZEIN	Seed		4.6	-0.524734473663769	Kaufman,PB,Duke,JA,Brielmann,H,Boik,J and Hoyt,JE. 1997. A Comparative Survey of Leguminous Plants as Sources of the Isoflavones Genistein and Daidzein: Implications For Human Nutrition and Health. Journal of Alternative & Complementary Medicine 3(1):7-12
0	DELPHINIDIN-3-MONOGLUCOSIDE	Seed				--
0	FAT	Seed	5300.0	6123.0	-1.3656393408003757	--
15	FIBER	Seed	36290.0	79591.0	-0.43577247362674143	--
0	GAMMA-L-GLUTAMYL-L-BETA-PHENYL-BETA-ALANINE	Seed				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
81	GENISTEIN	Seed		21.2	-0.30347038312871655	Kaufman,PB,Duke,JA,Brielmann,H,Boik,J and Hoyt,JE. 1997. A Comparative Survey of Leguminous Plants as Sources of the Isoflavones Genistein and Daidzein: Implications For Human Nutrition and Health. Journal of Alternative & Complementary Medicine 3(1):7-12
81	GENISTEIN	Leaf Diffusate				--
8	GLUTAMIC-ACID	Seed	30990.0	35802.0	-0.24939931712098654	--
12	GLYCINE	Seed	7560.0	8734.0	-0.32071140481553684	--
7	HISTIDINE	Seed	5240.0	6054.0	-0.01863130014870931	--
0	HYDROXYGENISTEIN	Leaf Diffusate		6.0	-0.7866728552949306	--
6	IRON	Seed	50.0	58.0	-0.43114518728895995	--
3	ISOLEUCINE	Seed	7910.0	9138.0	-0.17271566279997175	--
0	KILOCALORIES	Seed	3290.0	3800.0	-0.8286474750123912	--
2	LEUCINE	Seed	16680.0	19270.0	0.20948539546381748	--
4	LYSINE	Seed	14970.0	17294.0	0.7037431294005376	--
65	MAGNESIUM	Seed	1270.0	1467.0	-0.5843842513073241	--
14	MANGANESE	Seed	17.0	20.0	-0.41756691786015276	--
15	METHIONINE	Seed	2100.0	2426.0	-0.48772367374851605	--
39	NIACIN	Seed	21.0	36.0	-0.2061277723846751	--
13	PALMITIC-ACID	Seed	331.0	381.0	-0.691739783322615	--
7	PHENYLALANINE	Seed	10520.0	12153.0	0.07315171704476184	--
4	PHOSPHORUS	Seed	3810.0	4402.0	-0.251403727379192	--
2	PHYTOSTEROLS	Seed	760.0	878.0	-0.4097365024770535	--
2	PIPECOLIC-ACID	Seed		650.0	-1.0	--
14	POTASSIUM	Seed	12540.0	14487.0	0.16858286131103448	--
0	PROLINE	Seed	8740.0	10097.0	-0.24338558942778463	--
0	PROTEIN	Seed	198700.0	229552.0	-0.037753178536381465	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
15	RIBOFLAVIN	Seed	1.8	3.0	-0.20090831129253928	--
10	ROBININ	Leaf				--
1	SERINE	Seed	9760.0	11275.0	0.13428805756867232	--
1	SODIUM	Seed	50.0	58.0	-0.6236461574236357	--
8	STEARIC-ACID	Seed	662.0	762.0	-0.5488572277945292	--
12	STIGMASTEROL	Seed				--
31	THIAMIN	Seed	3.4	6.6	0.003782416373569394	--
4	THREONINE	Seed	6740.0	7787.0	-0.07839408476600916	--
29	TRYPTOPHAN	Seed	1910.0	2207.0	-0.3813072560018953	--
8	TYROSINE	Seed	5910.0	6828.0	-0.21154228553281532	--
3	VALINE	Seed	10230.0	11818.0	-0.023835821220038234	--
0	WATER	Seed		134400.0	-0.35767451949651735	--
77	ZINC	Seed	50.0	58.0	0.3653236164034136	--