

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Centaurea cyanus

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
176	QUERCETIN	Shoot				Jim Duke's personal files.
102	CAFFEIC-ACID	Shoot				Jim Duke's personal files.
102	CAFFEIC-ACID	Flower				Jim Duke's personal files.
101	APIGENIN	Shoot				Jim Duke's personal files.
78	LUTEOLIN	Plant				Wealth of India.
78	LUTEOLIN	Shoot				Jim Duke's personal files.
77	CHLOROGENIC-ACID	Shoot				Jim Duke's personal files.
77	CHLOROGENIC-ACID	Flower				Jim Duke's personal files.
75	KAEMPFEROL	Shoot				Jim Duke's personal files.
75	KAEMPFEROL	Plant				Wealth of India.
61	FERULIC-ACID	Flower				Jim Duke's personal files.
47	BETA-SITOSTEROL	Flower				Jim Duke's personal files.
44	SCOPOLETIN	Shoot				Jim Duke's personal files.
43	PROTocatechuic-ACID	Flower				Jim Duke's personal files.
35	TANNIN	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
34	SALICYLIC-ACID	Flower				Jim Duke's personal files.
25	P-COUMARIC-ACID	Flower				Jim Duke's personal files.
24	VANILLIC-ACID	Flower				Jim Duke's personal files.
22	UMBELLIFERONE	Shoot				Jim Duke's personal files.
20	BENZOIC-ACID	Flower				Jim Duke's personal files.
16	ACETIC-ACID	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
13	P-HYDROXY-BENZOIC-ACID	Flower				Jim Duke's personal files.
11	ISORHAMNETIN	Shoot				Jim Duke's personal files.
10	CNICIN	Flower				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
7	HISPIDULIN	Shoot				Jim Duke's personal files.
6	IRON	Plant				--
6	SYRINGIC-ACID	Flower				Jim Duke's personal files.
6	QUERCIMERITRIN	Shoot				Jim Duke's personal files.
5	CYANIN	Flower				--
5	ALUMINUM	Flower				--
4	APIIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	APIIN	Shoot				Jim Duke's personal files.
4	RUTOSIDE	Plant				Wealth of India.
4	ISOCHLOROGENIC-ACID	Shoot				Jim Duke's personal files.
3	CICHORIIN	Flower				--
3	CYNAROSIDE	Shoot				Jim Duke's personal files.
3	MUCILAGE	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	NEO-CHLOROGENIC-ACID	Shoot				Jim Duke's personal files.
2	NEO-CHLOROGENIC-ACID	Flower				Jim Duke's personal files.
1	ARNIDIOL	Flower				Jim Duke's personal files.
1	QUERCETOL	Plant				Wealth of India.
1	PELARGONIN	Flower				Chemical Constituents of Oriental Herbs (3 diff. books)
1	N-NONACOSANE	Flower				Jim Duke's personal files.