

List of Plants

BENZYL-ISOTHIOCYANATE

Chemid

BENZYLISOTHIOCYANATE

Dosage

LD50=140 mg/kg unk

LD50=150 mg/kg (scu mus) Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.

LD100=100 mg/kg (ipr rat) Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Alliaria petiolata	Essential Oil	2.0	25.0		*
Allium cepa	Bulb	--	--		Dorsch, W., Adam, O., Weber, J., Ziegeltrum, T. 1985. Antiasthmatic Effects of Onion Extracts - Detection of Benzyl- and Other Isothiocyanates (Mustard Oils) as Antiasthmatic Compounds of Plant Origin. Eur. J. Pharmacol., 107(1): 17-24.
Brassica oleracea var. capitata l.	Leaf	--	--		*
Carica papaya	Fruit	0.001	291.0		*
Carica papaya	Seed	2000.0	5000.0	-1.0	Jim Duke's personal files.
Lepidium sativum	Plant	--	--		*
Moringa oleifera	Root	--	--		*
Tropaeolum majus	Seed	--	9700.0	1.0	*
Tropaeolum majus	Shoot	--	300.0		*