

List of All Chemicals

P Heliotropium europaeum (Boraginaceae)

Common name(s)

Heliotrope; Turnsole

How used

Medicinal

*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.

Chemical	Part <input type="button" value="All"/>	Low PPM	High PPM	StdDev	*Reference
ACETYLLASILOCARPINE	Plant	--	--		*
ANGELIC-ACID	Shoot	--	--		*
Activities (1)					
Sedative					
CYNOGLOSSINE	Seed	--	--		*
ECHINATINE	Plant	--	--		*
EUROPINE	Plant	--	140.0		*
Activities (2)					
Anticholinergic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Hepatotoxic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
EUROPINE-N-OXIDE	Plant	--	4000.0		*
FAT	Seed	--	238000.0	-0.14	*
HELEURINE	Plant	--	--		*
HELEURINE-N-OXIDE	Plant	--	1100.0		*
HELIOSUPINE	Plant	--	--		*
Activities (2)					
Hepatotoxic	Merck 1st Edition				
Uterocontractant	De Smet, P.A.G.M., Keller, K., Hansel, R. and Chandler, R.F., eds. 1993. Adverse Effects of Herbal Drugs 2. Springer-Verlag, Berlin. 348pp.				
HELIOTRIDINE	Shoot	--	--		*
Activities (1)					
Hepatotoxic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
HELIOTRIDINE-N-OXIDE	Shoot	--	7400.0		*
HELIOTRINE	Shoot	--	270.0		*

Activities (9)

Antileukemic	Collins, D.J., Culvenor, C.C.J., Lamberton, J.A., Loder, J.W. and Price, J.R., Plants for Medicines, CSIRO, East Melbourne, Australia, 1990, 303 pp.
Antineuromuscular	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Antitumor	Collins, D.J., Culvenor, C.C.J., Lamberton, J.A., Loder, J.W. and Price, J.R., Plants for Medicines, CSIRO, East Melbourne, Australia, 1990, 303 pp.
Carcinogenic	De Smet, P.A.G.M., Keller, K., Hansel, R. and Chandler, R.F., eds. 1993. Adverse Effects of Herbal Drugs 2. Springer-Verlag, Berlin. 348pp.
Hepatotoxic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Hypotensive	
Mutagenic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Respiroparalytic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Teratogenic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.

ISOHELIOTRINE	Plant	--	--		*
LASIOTROPINE	Plant	--	--		*
LASIOTROPINE-N-OXIDE	Shoot	--	3600.0		*
OCTADECATETRAENOIC-ACID	Root	--	--		*
PROTEIN	Seed	--	209000.0	-0.22	*
RETRONECINE	Plant	--	--		*
SUPINIDINE?	Plant	--	--		*
SUPININE	Shoot	--	--		*

Activities (4)

Anticholinergic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Antitumor	Collins, D.J., Culvenor, C.C.J., Lamberton, J.A., Loder, J.W. and Price, J.R., Plants for Medicines, CSIRO, East Melbourne, Australia, 1990, 303 pp.
Hepatotoxic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Mutagenic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.

SUPININE-N-OXIDE	Plant	--	--		*
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