

List of All Chemicals

P Scutellaria discolor (Lamiaceae)

Common name(s)

Discolor Skullcap

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	All	Low PPM	High PPM	StdDev	*Reference
(+/-)-5,2'-DIHYDROXY-6,7,6'-TRIMETHOXYFLAVONONE	Plant		--	--		*
(+/-)-5,2'-DIHYDROXY-7,8,6'-TRIMETHOXYFLAVANONE	Plant		--	--		*
2',4'-DIHYDROXY-2,3',6'-TRIMETHOXYCHALCONE	Plant		--	--		*
5,7,2'-TRIHYDROXY-8-METHOXYFLAVONE	Plant		--	--		*
NORWOGONIN	Plant		--	--		*
WOGONIN	Plant		--	--		*

Activities (16)

Aldose-Reductase-Inhibitor IC13=10uM	Shimizu, M., Ito, T., Terashima, S., Hayashi, T., Arisawa, M., Morita, N., Kurokawa, S., Ito, K., and Hashimoto, Y. 1984. Inhibition of Lens Aldose Reductase by Flavonoids. <i>Phytochemistry</i> , 23: 1885-1888.
Aldose-Reductase-Inhibitor IC50=48 uM rat	Shin, K. H., Chae, Y. J., Chung, M. S., Lee, H. J. 1994. Effect of Flavonoids from <i>Scutellariae radix</i> on Cataract Formation and Polyol Accumulation in Rat Lens. <i>Korean J Pharmacog</i> , 25(1): 41-46.
Antiaggregant	
Antibacterial	
Antifertility 10 mg/kg/day	Singh, P., Jain, S., Bhala, M., Goyal, R.B., Jayaprakash, D., and Lohiya, N.K. Wogonin, 5,7-Dihydroxy-8-methoxyflavone as Oestrogenic and Anti-implantational Agent in the Rat. <i>Phytotherapy Research</i> 4(3): 87, 1990.
Antiimplantation	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Antiinflammatory IC50=75	Fitoterapia No.5-1990.
Antileukemic IC50=0.160 ug/ml	Life Sciences 55: 1061.
Antioxidant	
Antithrombic	
Diuretic	
Estrogenic 10 mg/kg/day	Singh, P., Jain, S., Bhala, M., Goyal, R.B., Jayaprakash, D., and Lohiya, N.K. Wogonin, 5,7-Dihydroxy-8-methoxyflavone as Oestrogenic and Anti-implantational Agent in the Rat. <i>Phytotherapy Research</i> 4(3): 87, 1990.
Lipolytic	
Pesticide	
Sialidase-Inhibitor	Lawrence Review of Natural Products, Jan-93.
Triglycerolytic	