

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Scrophularia scorodonia*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	6-METHOXYCATALPOL	Root	--	55		De Sandos, J., Fernandez, L., Diaz, A. M., Rubio, B., Ollivier, E., Faure, R., Balansard, G. 1998. Catalpol Glycosides from <i>Scrophularia scorodonia</i> . <i>Pharmazie</i> , 53(6): 427-428.
0	6-O-ALPHA-L-[3''-O-TRANS-P-COUMAROYL]-RHAMNOPYRANOSYLCATALPOL	Flower	--	27		De Sandos, J., Fernandez, L., Diaz, A. M., Rubio, B., Ollivier, E., Faure, R., Balansard, G. 1998. Catalpol Glycosides from <i>Scrophularia scorodonia</i> . <i>Pharmazie</i> , 53(6): 427-428.
1	8-ACETY LHARPAGIDE	Plant	--	--		Benito, P. B., Lanza, A. M. D., Sen, A. M. S., Galindez, J. D., Matellano, L. F., Gomez, A. S., Martinez, M. J. A. 2000. Effects of some iridoids from plant origin on arachidonic acid metabolism in cellular systems. <i>Planta Medica</i> , 66(4): 324-328.
1	8-O-ACETY LHARPAGIDE	Plant	--	--		Fernandez, L., Martin, T., Villaescusa, L., Bartolome, C., Rubio, B., Diaz, A. M. 1995. Rosmarinic Acid and Iridoids of <i>Scrophularia scorodonia</i> L. <i>Colloq Inst Natl Rech Agron</i> , 69: 307-308.
1	8-O-ACETY LHARPAGIDE	Leaf	--	0.002		Fernandez-Matellano, L., Ollivier, E., Diaz-Lanza, A. M., Faure, R., Balansard, G. 1995. Iridoids from <i>Scrophularia scorodonia</i> . <i>Planta Medica</i> , 61(1): 93.
0	8-O-CIS-CINNAMOYLHARPAGIDE	Shoot	--	0.001		Fernandez, L., Diaz, A. M., Ollivier, E., Faure, R., Balansard, G. 1995. An Iridoid Diglycoside Isolated from <i>Scrophularia scorodonia</i> . <i>Phytochemistry</i> , 40(5): 1569-1571.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
20	AUCUBIN	Plant	--	--		Benito, P. B., Lanza, A. M. D., Sen, A. M. S., Galindez, J. D., Matellano, L. F., Gomez, A. S., Martinez, M. J. A. 2000. Effects of some iridoids from plant origin on arachidonic acid metabolism in cellular systems. <i>Planta Medica</i> , 66(4): 324-328.
0	AUCUBOSIDE	Leaf	--	35		Fernandez-Matellano, L., Ollivier, E., Diaz-Lanza, A. M., Faure, R., Balansard, G. 1995. Iridoids from <i>Scrophularia scorodonia</i> . <i>Planta Medica</i> , 61(1): 93.
1	BARTSIOSIDE	Plant	--	--		Benito, P. B., Lanza, A. M. D., Sen, A. M. S., Galindez, J. D., Matellano, L. F., Gomez, A. S., Martinez, M. J. A. 2000. Effects of some iridoids from plant origin on arachidonic acid metabolism in cellular systems. <i>Planta Medica</i> , 66(4): 324-328.
1	BARTSIOSIDE	Leaf	--	30		Fernandez-Matellano, L., Ollivier, E., Diaz-Lanza, A. M., Faure, R., Balansard, G. 1995. Iridoids from <i>Scrophularia scorodonia</i> . <i>Planta Medica</i> , 61(1): 93.
0	BUDDLEJASAPONIN	Flower	--	4000		Emam, A. M., Diaz-Lanza, A. M., Matellano-Fernandez, L., Faure, R., Moussa, A. M. Balansard, G. 1997. Biological Activities of Buddlejaponin Isolated from <i>Buddleja madagascariensis</i> and <i>Scrophularia scorodonia</i> . <i>Pharmazie</i> , 52(1): 76-77.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	HARPAGIDE	Plant	--	--		Benito, P. B., Lanza, A. M. D., Sen, A. M. S., Galindez, J. D., Matellano, L. F., Gomez, A. S., Martinez, M. J. A. 2000. Effects of some iridoids from plant origin on arachidonic acid metabolism in cellular systems. <i>Planta Medica</i> , 66(4): 324-328.
6	HARPAGOSIDE	Plant	--	--		
6	HARPAGOSIDE	Leaf	--	2072		
6	HARPAGOSIDE	Stem	--	--		Diaz, A., et al. 1998. Reverse-Phase High Pressure Liquid Chromatographic Analysis of Harpagoside, Scorodioside and Verbascoside from <i>Scrophularia scorodonia</i> : Quantitative Determination of Harpagoside. <i>Planta Medica</i> , 64(1): 94-95.
6	HARPAGOSIDE	Flower	--	--		Diaz, A., et al. 1998. Reverse-Phase High Pressure Liquid Chromatographic Analysis of Harpagoside, Scorodioside and Verbascoside from <i>Scrophularia scorodonia</i> : Quantitative Determination of Harpagoside. <i>Planta Medica</i> , 64(1): 94-95.
57	ROSMARINIC-ACID	Plant	--	--		Fernandez, L., Martin, T., Villaescusa, L., Bartolome, C., Rubio, B., Diaz, A. M. 1995. Rosmarinic Acid and Iridoids of <i>Scrophularia scorodonia</i> L. <i>Colloq Inst Natl Rech Agron</i> , 69: 307-308.
0	SACCATOSIDE	Flower	--	29		De Sandos, J., Fernandez, L., Diaz, A. M., Rubio, B., Ollivier, E., Faure, R., Balansard, G. 1998. Catalpol Glycosides from <i>Scrophularia scorodonia</i> . <i>Pharmazie</i> , 53(6): 427-428.

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0	SCORODIOSIDE	Leaf	--	--		Diaz, A., et al. 1998. Reverse-Phase High Pressure Liquid Chromatographic Analysis of Harpagoside, Scorodioside and Verbascoside from <i>Scrophularia scorodonia</i> : Quantitative Determination of Harpagoside. <i>Planta Medica</i> , 64(1): 94-95.
0	SCORODIOSIDE	Stem	--	--		Diaz, A., et al. 1998. Reverse-Phase High Pressure Liquid Chromatographic Analysis of Harpagoside, Scorodioside and Verbascoside from <i>Scrophularia scorodonia</i> : Quantitative Determination of Harpagoside. <i>Planta Medica</i> , 64(1): 94-95.
0	SCORODIOSIDE	Plant	--	--		Benito, P. B., Lanza, A. M. D., Sen, A. M. S., Galindez, J. D., Matellano, L. F., Gomez, A. S., Martinez, M. J. A. 2000. Effects of some iridoids from plant origin on arachidonic acid metabolism in cellular systems. <i>Planta Medica</i> , 66(4): 324-328.
0	SCORODIOSIDE	Shoot	--	61		Fernandez, L., Diaz, A. M., Ollivier, E., Faure, R., Balansard, G. 1995. An Iridoid Diglycoside Isolated from <i>Scrophularia scorodonia</i> . <i>Phytochemistry</i> , 40(5): 1569-1571.
0	SCROPOLIOSIDE-B	Root	--	38		De Sandos, J., Fernandez, L., Diaz, A. M., Rubio, B., Ollivier, E., Faure, R., Balansard, G. 1998. Catalpol Glycosides from <i>Scrophularia scorodonia</i> . <i>Pharmazie</i> , 53(6): 427-428.

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0	SCROPOLIOSIDE-B	Plant	--	--		Benito, P. B., Lanza, A. M. D., Sen, A. M. S., Galindez, J. D., Matellano, L. F., Gomez, A. S., Martinez, M. J. A. 2000. Effects of some iridoids from plant origin on arachidonic acid metabolism in cellular systems. <i>Planta Medica</i> , 66(4): 324-328.
9	SYRINGIN	Stem	--	--		
20	VERBASCOSIDE	Leaf	--	--		Diaz, A., et al. 1998. Reverse-Phase High Pressure Liquid Chromatographic Analysis of Harpagoside, Scorodioside and Verbascoside from <i>Scrophularia scorodonia</i> : Quantitative Determination of Harpagoside. <i>Planta Medica</i> , 64(1): 94-95.
20	VERBASCOSIDE	Stem	--	--		Diaz, A., et al. 1998. Reverse-Phase High Pressure Liquid Chromatographic Analysis of Harpagoside, Scorodioside and Verbascoside from <i>Scrophularia scorodonia</i> : Quantitative Determination of Harpagoside. <i>Planta Medica</i> , 64(1): 94-95.
20	VERBASCOSIDE	Flower	--	--		Diaz, A., et al. 1998. Reverse-Phase High Pressure Liquid Chromatographic Analysis of Harpagoside, Scorodioside and Verbascoside from <i>Scrophularia scorodonia</i> : Quantitative Determination of Harpagoside. <i>Planta Medica</i> , 64(1): 94-95.