

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BERBERINE

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Adonis vernalis</i>	Plant				--
<i>Andira inermis</i>	Bark				--
<i>Argemone mexicana</i>	Plant		410.0		--
<i>Berberis vulgaris</i>	Leaf		3000.0	1.0	Jim Duke's personal files.
<i>Berberis vulgaris</i>	Stem Bark	20000.0	25000.0	1.0	Jim Duke's personal files.
<i>Berberis vulgaris</i>	Root	4000.0	64800.0	1.0732112991587024	--
<i>Berberis vulgaris</i>	Plant				Jim Duke's personal files.
<i>Berberis vulgaris</i>	Stem	1600.0	28900.0		Jim Duke's personal files.
<i>Berberis vulgaris</i>	Root Bark	25000.0	80000.0		--
<i>Berberis vulgaris</i>	Flower		6600.0		Jim Duke's personal files.
<i>Berberis vulgaris</i>	Bark		45000.0	1.0	Jim Duke's personal files.
<i>Caulophyllum thalictroides</i>	Plant				Jim Duke's personal files.
<i>Chelidonium majus</i>	Plant				--
<i>Coptis japonica</i>	Rhizome	40000.0	70000.0	-0.3015113445777636	--
<i>Coptis chinensis</i>	Rhizome	40000.0	90000.0	0.9045340337332908	--
<i>Coptis</i> spp	Rhizome	40000.0	90000.0	0.9045340337332908	--
<i>Corydalis</i> spp	Plant				--
<i>Eschscholzia californica</i>	Shoot				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Hydrastis canadensis</i>	Plant				--
<i>Hydrastis canadensis</i>	Shoot				--
<i>Hydrastis canadensis</i>	Root	1385.0	60000.0	0.90147316172384	--
<i>Hydrastis canadensis</i>	Rhizome		50000.0	-1.507556722888818	--
<i>Macleaya cordata</i>	Plant				--
<i>Mahonia aquifolium</i>	Shoot				--
<i>Mahonia aquifolium</i>	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mahonia repens	Stem				Suess, T. R. and Stermitz, F. R. 1981. The Constituents of Castilleja rhexifolia, Mahonia repens and Oncidium cebolleta. Dissertation Abstract Int B, 42: 1025-1026.
Mahonia nervosa	Rhizome				Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids, 1957-1968. Lloydia, 33: 1-286.
Mahonia gracilipes	Root				Lu, G. H., Chen, J. M., Wang, L. W., Xiao, P. G. 1995. Chemical Constituents of Mahonia gracilipes (Oliv.) Fedde. Huaxi Yaoxue Zazhi, 10(4): 202-204.
Mahonia repens	Root		1417.0	-1.1945550268900225	--
Mahonia fargesii	Stem				Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in Dayecihuangbai (Mahonia fargesii) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.
Mahonia aquifolium	Leaf		13.0	-1.0	Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of Mahonia aquifolium (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
Mahonia aquifolium	Bark				--
Mahonia siamensis	Stem Bark		2000.0	-1.0	Ruangrungsi, N., De-Eknamkul, W., Lange, G. L. 1984. Studies on Thai Medicinal Plant. Part I. Planta Medica, 50(5): 432-433.
Mahonia japonica	Sprout Seedling				Ikuta, A. and Itokawa, H. 1982. Studies on the Alkaloids from Tissue Culture of Nandina domestica. Plant Tissue Cult Proc Int Congr Plant Tissue Cell Cult 5th: 315316.
Mahonia fortunei	Leaf				Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids, 1957-1968. Lloydia, 33: 1-286.
Mahonia fargesii	Root				Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in Dayecihuangbai (Mahonia fargesii) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mahonia aquifolium	Root Bark				Kukic, P., Nikolic, R., Gorunovic, M. 1972. Comparative Pharmacognostic Study of Berberis (Barberry) vulgaris and Berberis aquifolium. Acta Pharm Jugosl, 22: 19-24.
Mahonia aquifolium	Plant				--
Mahonia philipinensis	Root				Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids, 1957-1968. Lloydia, 33: 1-286.
Mahonia japonica	Stem				Battersby, A. R., Francis, R. J., Hirst, M., Ruveda, E. A., Staunton, J. 1975. Biosynthesis. Part XXI. Investigations on the Biosynthesis of Stylophine in Chelidonium Majus. J Chem Soc Perkin Trans I: 1140.
Mahonia fargesii	Bark				Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in Dayechuangbai (Mahonia fargesii) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.
Mahonia aquifolium	Wood				Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of Mahonia aquifolium (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
Menispermum canadense	Plant				--
Nandina domestica	Plant				--
Papaver somniferum	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
Phellodendron amurense	Bark	8300.0	10000.0	-1.0	--
Podophyllum peltatum	Plant				--
Podophyllum hexandrum	Rhizome				--
Sanguinaria canadensis	Root				--
Xanthorhiza simplicissima	Root	12000.0	13000.0	-0.7801294339925203	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Zanthoxylum americanum	Plant				--
Zanthoxylum clava-herculis	Plant				--

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Zanthoxylum alatum	Bark				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zanthoxylum clava-herculis	Bark				--