

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**List of Plants for JATRORRHIZINE**

<b>Plant</b>	<b>Part</b>	<b>Low PPM</b>	<b>High PPM</b>	<b>StdDev</b>	<b>Reference</b>
Berberis vulgaris	Plant	--	--		--
Berberis vulgaris	Root	--	--		Jim Duke's personal files.
Berberis vulgaris	Bark	--	--		Jim Duke's personal files.
Berberis vulgaris	Stem Bark	3600	3600		Jim Duke's personal files.
Berberis vulgaris	Stem	--	--		Jim Duke's personal files.
Hydrastis canadensis	Root	--	--		--
Mahonia aquifolium	Plant	--	--		--
Mahonia aquifolium	Root	--	--		Kostavolva, D., Brazdovicova, B., Tomko, J. 1981. Isolation of Quaternary Alkaloids from Mahonia aquifolium (Pursh) Nutt. I. Chem Zvesti, 35: 279-283.
Mahonia aquifolium	Shoot	--	--		--
Mahonia aquifolium	Bark	--	--		Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of Mahonia aquifolium (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
Mahonia bealei	Root	--	5000		--
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.
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 fargesii	Bark	--	--		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 fortunei	Leaf	--	--		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 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 japonica	Leaf	--	--		Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids, 1957-1968. Lloydia, 33: 1-286.
Mahonia philipinensis	Root	--	--		Willaman, J. J., Li, H. L. 1970. Alkaloid-Bearing Plants and their Contained Alkaloids, 1957-1968. Lloydia, 33: 1-286.
Mahonia repens	Root	--	--		--
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.
Nandina domestica	Plant	--	--		--
Phellodendron amurense	Bl	--	--		--
Phellodendron amurense	Bark	--	--		--
Stephania glabra	Root	--	--		--
Xanthorhiza simplicissima	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.