

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for PALMATINE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Jateorhiza palmata	Root		20000.0		--
Mahonia aquifolium	Leaf		13.0		Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of Mahonia aquifolium (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
Corydalis spp	Plant				--
Berberis vulgaris	Root				Jim Duke's personal files.
Berberis vulgaris	Stem				Jim Duke's personal files.
Berberis vulgaris	Bark				Jim Duke's personal files.
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 aquifolium	Wood				Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of Mahonia aquifolium (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
Coptis chinensis	Rhizome				--
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.
Stephania glabra	Root				--
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 repens	Root				--
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
Coptis japonica	Rhizome				--
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 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.
Coptis spp	Rhizome				--
Phellodendron amurense	Bark				--
Mahonia aquifolium	Plant				--
Berberis vulgaris	Plant				--