

List of Plants



Chemid

PALMATINE

*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.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
<i>Berberis vulgaris</i>	Bark	--	--		Jim Duke's personal files.
<i>Berberis vulgaris</i>	Stem	--	--		Jim Duke's personal files.
<i>Berberis vulgaris</i>	Root	--	--		Jim Duke's personal files.
<i>Berberis vulgaris</i>	Plant	--	--		*
<i>Coptis japonica</i>	Rhizome	--	--		*
<i>Coptis chinensis</i>	Rhizome	--	--		*
<i>Coptis</i> spp	Rhizome	--	--		*
<i>Corydalis</i> spp	Plant	--	--		*
<i>Jateorhiza palmata</i>	Root	--	20000.0		*
<i>Mahonia aquifolium</i>	Bark	--	--		Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of <i>Mahonia aquifolium</i> (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
<i>Mahonia aquifolium</i>	Leaf	--	13.0		Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of <i>Mahonia aquifolium</i> (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.
<i>Mahonia japonica</i>	Sprout Seedling	--	--		Ikuta, A. and Itokawa, H. 1982. Studies on the Alkaloids from Tissue Culture of <i>Nandina domestica</i> . Plant Tissue Cult Proc Int Congr Plant Tissue Cell Cult 5th: 315316.
<i>Mahonia fargesii</i>	Stem	--	--		Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in <i>Dayecihuangbai</i> (<i>Mahonia fargesii</i>) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.
<i>Mahonia aquifolium</i>	Shoot	--	--		*
<i>Mahonia repens</i>	Stem	--	--		Suess, T. R. and Stermitz, F. R. 1981. The Constituents of <i>Castilleja rhexifolia</i> , <i>Mahonia repens</i> and <i>Oncidium cebolleta</i> . Dissertation Abstract Int B, 42: 1025-1026.
<i>Mahonia gracilipes</i>	Root	--	--		Lu, G. H., Chen, J. M., Wang, L. W., Xiao, P. G. 1995. Chemical Constituents of <i>Mahonia gracilipes</i> (Oliv.) Fedde. Huaxi Yaoxue Zazhi, 10(4): 202-204.
<i>Mahonia fargesii</i>	Root	--	--		Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in <i>Dayecihuangbai</i> (<i>Mahonia fargesii</i>) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.
<i>Mahonia aquifolium</i>	Root	--	--		Kostavolva, D., Brazdovicova, B., Tomko, J. 1981. Isolation of Quaternary Alkaloids from <i>Mahonia aquifolium</i> (Pursh) Nutt. I. Chem Zvesti, 35: 279-283.
<i>Mahonia repens</i>	Root	--	--		*
<i>Mahonia fargesii</i>	Bark	--	--		Liu, M. I., Feng, H. L. 1991. The Alkaloids Content of the Different Parts in <i>Dayecihuangbai</i> (<i>Mahonia fargesii</i>) by HPLC. Chung Ts'ao Yao, 22(7): 308-309.
<i>Mahonia aquifolium</i>	Plant	--	--		*
<i>Mahonia aquifolium</i>	Wood	--	--		Slavik, J., Bochorakova, J., Kostalova, D., Hrochova, V. 1985. Alkaloids of <i>Mahonia aquifolium</i> (Pursh) Nutt. II. Chem Pap, 39(4): 537-542.

Phellodendron amurense	Bark	--	--		*
Stephania glabra	Root	--	--		*