

# P Araucaria bidwillii

## Common Name(s)

Monkey puzzle

Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
0	19-ALDEHYDO-8(17),E-13-LABDADIEN-15-OATE	Resin, Exudate, Sap	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	7,7''-DI-O-METHYLACUPRESSUFLAVONE	Leaf	--	--		Wealth of India.
0	7,7''-DI-O-METHYLAGATHISFLAVONE	Leaf	--	--		Wealth of India.
0	7-O-METHYLAGATHISFLAVONE	Leaf	--	--		Wealth of India.
0	7-O-METHYLCUPRESSUFLAVONE	Leaf	--	--		Wealth of India.
0	ACETYL-AGATHOLATE	Resin, Exudate, Sap	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	AGATHISFLAVONE-7-METHYL-ETHER	Leaf	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	AGATHOLATE	Resin, Exudate, Sap	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	AMENTOFLAVONE-DIMETHYL-ETHER	Leaf	--	--		Wealth of India.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
101	APIGENIN	Leaf	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
47	BETA-SITOSTEROL	Flower	--	--	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
3	BILOBETIN	Leaf	--	--	Wealth of India.
0	CUPRESSUFLAVONE-7,7''-DIMETHYL-ETHER	Leaf	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	CUPRESSUFLAVONE-7-METHYL-ETHER	Leaf	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	DIMETHYL-AGATHATE	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	ENT-15-ACETOXY-LABD-8-E-13-DIENE	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	ENT-3,E-13-CLERODADIEN-15-OATE	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	ENT-4(18),E-13-CLERODADIEN-15-OATE	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	ENT-8(17),E-13-LABDADIEN-15-OATE	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference Citation
0	ENT-8BETA,15-LABD-E-13-ENE-DIOL	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	ENT-8BETA-HYDROXY-LABD-E-13-EN-15-OATE	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	ENT-LABDA-8,13-DIEN-15-OL-ACETATE	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	ENT-LABDA-8,E-13-DIEN-15-OL	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
7	HINOKIFLAVONE	Leaf	--	--	Wealth of India.
0	METHYL-13BETA-HYDROXY-8(17),14-LABDDADIENE-19-OATE	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	METHYL-ENT-8ALPHA-HYDROXY-LABD-E-13-EN-15-OATE	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
0	METHYL-ENT-8BETA-HYDROXY-LABD-E-13-EN-15-OATE	Resin, Exudate, Sap	--	--	Chemical Constituents of Oriental Herbs (3 diff. books)
3	MUCILAGE	Seed	--	--	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Chemical Plant Part		Low PPM	High StdDev PPM	Reference Citation
34	MYRICETIN	Flower	-- --	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
2	MYRICETOL	Leaf	-- --	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
13	MYRICITRIN	Plant	-- --	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	MYRICITRIN-3-RHAMNOSIDE	Leaf	-- --	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
0	PULCHERRALPIN	Bark	-- --	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
0	PULCHERRIMIN	Stem	-- --	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
176	QUERCETIN	Flower	-- --	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
87	RUTIN	Flower	--	--		Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
35	TANNIN	Leaf	7000	7000	-1.263894686903192	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
35	TANNIN	Wood	3000	3000	-1.0047118271115913	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	VOUACAPEN-5-ALPHA-OL	Root	--	--		Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.