

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Ptychopetalum olacoides*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	9,11-DEHYDROERGOSTEROL-PEROXIDE	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of <i>Ptychopetalum olacoides</i>). Nat. Med. 49, 4: 487.
0	ALKALOIDS	Wood	5000	5000	1.540178508667659	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ALLO-AROMADENDRENE	Root Essent. Oil	--	7000	1	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. Planta Med. 53, 2: 231.
0	ALPHA-COPAENE	Root Essent. Oil	--	32000	1	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. Planta Med. 53, 2: 231.
0	ALPHA-ELEMENE	Root Essent. Oil	--	4000	-1	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. Planta Med. 53, 2: 231.
0	ALPHA-GUAIENE	Root Essent. Oil	--	6000	-1	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. Planta Med. 53, 2: 231.
2	ALPHA-HUMULENE	Root Essent. Oil	--	92000		Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. Planta Med. 53, 2: 231.
0	ALPHA-MUUROLENE	Root Essent. Oil	--	8000	-1	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. Planta Med. 53, 2: 231.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	ALPHA-PINENE	Root Essent. Oil	--	259000	1.6673845746159537	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
0	ALPHA-RESINIC-ACID	Plant	6000	6000		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
13	ALPHA-TERPINENE	Root Essent. Oil	--	2000	-0.7665106262785971	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
0	ARACHIDIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	BEHENIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
6	BETA-BISABOLENE	Root Essent. Oil	--	4000	-0.8492414875320435	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
0	BETA-CARYOPHYLLENE	Root Essent. Oil	--	77000	0.31448110708963317	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
13	BETA-PINENE	Root Essent. Oil	--	78000	-0.10676734275314331	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
0	BETA-RESINIC-ACID	Plant	7000	7000		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

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47	BETA-SITOSTEROL	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of <i>Ptychopetalum olacoides</i>). <i>Nat. Med.</i> 49, 4: 487.
47	BETA-SITOSTEROL	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
35	BORNEOL	Root Essent. Oil	--	5000		Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.
2	CAMPESTEROL	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
9	CAMPHENE	Root Essent. Oil	--	66000	1	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.
41	CAMPHOR	Root Essent. Oil	--	62000		Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.
0	CAR-3-ENE	Root Essent. Oil	--	8000		Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.
8	CARYOPHYLLENE-OXIDE	Root Essent. Oil	--	29000		Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.
0	CEROTIC-ACID	Root	--	--		Toyota, A., Ninomiya, R., Kobayashi, H., Kawanishi, K., Uhara, Y., Kato, A., Hashimoto, Y. 1979. Studies of Brazilian Crude Drugs. 1. Muira-Puama. <i>Shoyakugaku Zasshi</i> , 33: 57-64.

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24	CHROMIUM	Plant	--	--		Felcman, J., Braganca, M. L. T. 1988. Chromium in Plants Comparison Between the Concentration of Chromium in Brazilian Nonhypo and Hypoglycemic Plants. Biol. Trace Element Res. 17, 1: 11-16.
57	COUMARIN	Root	--	--		Toyota, A., Ninomiya, R., Kobayashi, H., Kawanishi, K., Uhara, Y., Kato, A., Hashimoto, Y. 1979. Studies of Brazilian Crude Drugs. 1. Muira-Puama. Shoyakugaku Zasshi, 33: 57-64.
0	CUBEBENE	Root Essent. Oil	--	3000		Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
9	DELTA-CADINENE	Root Essent. Oil	--	5000	1	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
0	DOTRIACONTANOIC-ACID	Root	--	--		Toyota, A., Ninomiya, R., Kobayashi, H., Kawanishi, K., Uhara, Y., Kato, A., Hashimoto, Y. 1979. Studies of Brazilian Crude Drugs. 1. Muira-Puama. Shoyakugaku Zasshi, 33: 57-64.
0	ELIXENE	Root Essent. Oil	--	51000		Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
0	EO	Wood	500	500	-1.3486152009222871	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ERGOSTA-4-6-8(14)-22-TETRAEN-3-ONE	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of Ptychopetalum olacoides). Nat. Med. 49, 4: 487.

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0	ERGOSTEROL-PEROXIDE	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of <i>Ptychopetalum olacoides</i>). <i>Nat. Med.</i> 49, 4: 487.
76	EUGENOL	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of <i>Ptychopetalum olacoides</i>). <i>Nat. Med.</i> 49, 4: 487.
0	GAMMA-MUUROLENE	Root Essent. Oil	--	5000		Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.
0	HENTRIACONTANOIC-ACID	Root	--	--		Toyota, A., Ninomiya, R., Kobayashi, H., Kawanishi, K., Uhara, Y., Kato, A., Hashimoto, Y. 1979. Studies of Brazilian Crude Drugs. 1. Muira-Puama. <i>Shoyakugaku Zasshi</i> , 33: 57-64.
0	HEPTACOSANOIC-ACID	Root	--	--		Toyota, A., Ninomiya, R., Kobayashi, H., Kawanishi, K., Uhara, Y., Kato, A., Hashimoto, Y. 1979. Studies of Brazilian Crude Drugs. 1. Muira-Puama. <i>Shoyakugaku Zasshi</i> , 33: 57-64.
1	LIGNOCERIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
60	LIMONENE	Root Essent. Oil	--	11000	-0.9396897838279455	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.
53	LINALOOL	Root Essent. Oil	--	9000		Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.
21	LUPEOL	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of <i>Ptychopetalum olacoides</i>). <i>Nat. Med.</i> 49, 4: 487.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
21	LUPEOL	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	MELISSIC-ACID	Root	--	--		Toyota, A., Ninomiya, R., Kobayashi, H., Kawanishi, K., Uhara, Y., Kato, A., Hashimoto, Y. 1979. Studies of Brazilian Crude Drugs. 1. Muira-Puama. Shoyakugaku Zasshi, 33: 57-64.
0	MONTANIC-ACID	Root	--	--		Toyota, A., Ninomiya, R., Kobayashi, H., Kawanishi, K., Uhara, Y., Kato, A., Hashimoto, Y. 1979. Studies of Brazilian Crude Drugs. 1. Muira-Puama. Shoyakugaku Zasshi, 33: 57-64.
22	MYRCENE	Root Essent. Oil	--	5000	-0.6012282510295616	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
0	NONACOSANOIC-ACID	Root	--	--		Toyota, A., Ninomiya, R., Kobayashi, H., Kawanishi, K., Uhara, Y., Kato, A., Hashimoto, Y. 1979. Studies of Brazilian Crude Drugs. 1. Muira-Puama. Shoyakugaku Zasshi, 33: 57-64.
16	P-CYMENE	Root Essent. Oil	--	5000	-0.748182522147369	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
0	PENTACOSANOIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PHLOBAPHENE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

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1	STIGMAST-4-EN-3-ONE	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of Ptychopetalum olacoides). Nat. Med. 49, 4: 487.
0	STIGMAST-4-ENE-3,6-DIONE	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of Ptychopetalum olacoides). Nat. Med. 49, 4: 487.
1	STIGMAST-5-ENE-3-BETA-7-ALPHA-DIOL	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of Ptychopetalum olacoides). Nat. Med. 49, 4: 487.
0	STIGMASTA-4,22-DIENE-3,6-DIONE	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of Ptychopetalum olacoides). Nat. Med. 49, 4: 487.
0	STIGMASTA-4-22-DIEN-3-ONE	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of Ptychopetalum olacoides). Nat. Med. 49, 4: 487.
12	STIGMASTEROL	Root	--	--		Ito, Y., Hirayama, F., Aikawa, Y., Kondo, H., Sagara, K., Shoji, J. 1995. Constituents from Muira-Puama (The Roots of Ptychopetalum olacoides). Nat. Med. 49, 4: 487.
2	TRANS-BETA-FARNESENE	Root Essent. Oil	--	5000	-1.3829515821556932	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
0	TRICHOSANIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	UNCOSANIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.