

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Prosopis glandulosa*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
47	BETA-SITOSTEROL	Flower				Ahmed, N., Razaq, S. 1986. Chemical Investigation of <i>Prosopis glandulosa</i> Flowers. <i>Fitoterapia</i> 57 6: 457.
0	JULIFLORIDINE	Leaf				Ahmad, V. U., Usmanhiani, K., Najmus-Saqib, Q. 1979. Occurrence of Julifloridine in <i>Prosopis glandulosa</i> Torr. <i>Sci. Pharm.</i> 47: 333-334.
0	PROSOPOL	Flower				Ahmed, N., Razaq, S. 1986. Chemical Investigation of <i>Prosopis glandulosa</i> Flowers. <i>Fitoterapia</i> 57 6: 457.
0	HEXACOSAN-1-OL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of <i>Prosopis glandulosa</i> Stems. <i>Planta Med. Suppl.</i> 32: 244-246.
0	PROSOPENOL	Flower				Ahmed, N., Razaq, S. 1986. Chemical Investigation of <i>Prosopis glandulosa</i> Flowers. <i>Fitoterapia</i> 57 6: 457.
0	HEPTACOSAN-1-OL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of <i>Prosopis glandulosa</i> Stems. <i>Planta Med. Suppl.</i> 32: 244-246.
1	N-METHYL-TYRAMINE	Leaf				--
0	PROLINE	Leaf				Carman, N. J., Dossaji, S. F., Mabry, T. J. 1974. A Populational Survey of Amino Acids in <i>Prosopis</i> Species from North and South America. <i>Biochem. Syst. Ecol.</i> 2: 73.
0	HENTRIACONTAN-1-OL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of <i>Prosopis glandulosa</i> Stems. <i>Planta Med. Suppl.</i> 32: 244-246.
11	TYRAMINE	Leaf				--
0	4-HYDROXY-PIPECOLIC-ACID	Leaf				Carman, N. J., Dossaji, S. F., Mabry, T. J. 1974. A Populational Survey of Amino Acids in <i>Prosopis</i> Species from North and South America. <i>Biochem. Syst. Ecol.</i> 2: 73.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DOTRIACONTAN-1-OL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of Prosopis glandulosa Stems. Planta Med. Suppl. 32: 244-246.
11	TYRAMINE	Plant				--
2	PIPECOLIC-ACID	Leaf				Carman, N. J., Dossaji, S. F., Mabry, T. J. 1974. A Populational Survey of Amino Acids in Prosopis Species from North and South America. Biochem. Syst. Ecol. 2: 73.
2	CAMPESTEROL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of Prosopis glandulosa Stems. Planta Med. Suppl. 32: 244-246.
1	TRIACONTAN-1-OL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of Prosopis glandulosa Stems. Planta Med. Suppl. 32: 244-246.
0	(+)-D-PINITOL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of Prosopis glandulosa Stems. Planta Med. Suppl. 32: 244-246.
18	OLEIC-ACID	Plant				--
1	TRIACONTAN-1-OL	Plant				Abbas, S. A., Mison, P. 1984. Prosopol Structure: A Reinvestigation. Pak. J. Sci. Ind. Res. 26 3: 140-141.
0	OCTACOSAN-1-OL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of Prosopis glandulosa Stems. Planta Med. Suppl. 32: 244-246.
64	OLEANOLIC-ACID	Flower				Ahmed, N., Razaq, S. 1986. Chemical Investigation of Prosopis glandulosa Flowers. Fitoterapia 57 6: 457.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	TETRATRIACONTAN-1-OL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of Prosopis glandulosa Stems. Planta Med. Suppl. 32: 244-246.
0	NONACOSAN-1-OL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of Prosopis glandulosa Stems. Planta Med. Suppl. 32: 244-246.
64	OLEANOLIC-ACID	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of Prosopis glandulosa Stems. Planta Med. Suppl. 32: 244-246.
12	STIGMASTEROL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of Prosopis glandulosa Stems. Planta Med. Suppl. 32: 244-246.
27	LINOLEIC-ACID	Plant				--
89	URSOLIC-ACID	Shoot		145.0	-0.7021731567262663	Kashiwada, Y., et. al. 1998. Anti-AIDS Agents. 30. Anti-HIV Activity of Oleanolic Acid, Pomolic Acid, and Structurally Related Triterpenoids. J. Nat. Prod., 61 (9): 1090-1095.
47	BETA-SITOSTEROL	Stem				Zirvi, K. A., Jewers, K., Nagler, M. J. 1977. Phytochemical Investigation of Prosopis glandulosa Stems. Planta Med. Suppl. 32: 244-246.
2	JULIPROSOPINE	Leaf				--
64	OLEANOLIC-ACID	Shoot		15.0	0.32708851946119877	Kashiwada, Y., et. al. 1998. Anti-AIDS Agents. 30. Anti-HIV Activity of Oleanolic Acid, Pomolic Acid, and Structurally Related Triterpenoids. J. Nat. Prod., 61 (9): 1090-1095.