

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ARJUNOLIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
Psidium guajava	Fruit				--
Psidium guajava	Root		100.0		--
Syzygium claviflorum	Leaf		85.0	1.0	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.
Terminalia chebula	Fruit				Lu, P. P., Liu, X. G., Li, X. C., Zhang, D. C., Yokoi, T. 1992. Triterpenes of Terminalia chebula Retz. Chih Wu Hsueh Pao 34 (2): 126-132.
Terminalia arjuna	Leaf		15.5	-1.0	--
Terminalia arjuna	Bark		150.0		--
Terminalia arjuna	Wood		30000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Terminalia arjuna	Stem		15.5		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
Terminalia arjuna	Flower		15.5		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
Terminalia arjuna	Heart Wood		8000.0		Row, L. R., Subba, Rao, G. S. R. 1962. Chemistry of Terminalia Species. Part IV. Chemical Examination of T. arjuna: Isolation of Arjunolic Acid Saponin and (+) Leucodelphinidin. J. Indian Chem. Soc. 39: 89.
Terminalia arjuna	Seed		15.5		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
Terminalia arjuna	Root Bark		10.0		Anjaneyulu, A. S. R., Rama Prasad, A. V. 1982. Chemical Examination of Roots of Terminalia arjuna (Roxb.) Wight & Arnot: Part I-Characterization of Two New Triterpenoid Glycosides. Indian J. Chem. 21B 6: 530-533.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Terminalia catappa	Bark				Diyabalanaga, T. K. K., Jayasinghe, U. L. B., Simmonds, P. M., Wannigama, G. P., Wickramasinghe, A. 1997. Chemical Investigation of Terminalia catappa. Acgc. Chem. Res. Commun. 6: 26-28.