

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Terminalia arjuna

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	(+)-CATECHOL	Bark				Madhusudanamma, W., Sastry, K. N. S., Rao, V. S. S., Reddy, K. K. 1980. Isolation of Flavan-3-ols from Terminalia arjuna Bark. Leather Sci (Madras) 27: 199-200.
0	(+)-GALLOLATECHOL	Bark				Madhusudanamma, W., Sastry, K. N. S., Rao, V. S. S., Reddy, K. K. 1980. Isolation of Flavan-3-ols from Terminalia arjuna Bark. Leather Sci (Madras) 27: 199-200.
0	(+)-LEUCOCYANIDIN	Bark				Row, L. R. 1970. Chemical Examination of Terminalia Species. XIII. Isolation and Structure Determination of Arjunetin from Terminalia arjuna. Indian J. Chem. 8: 772.
0	(+)-LEUCODELPHINIDIN	Wood				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	(+)-LEUCODELPHINIDIN	Heart Wood		500.0		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.
0	1,2,3,4,6-PENTAGALLOYLGLUCOSE	Leaf				Kandil, F. E., Nassar, M. I. 1998. A Tannin Anti-Cancer Promotor from Terminalia arjuna. Phytochemistry 47 8: 1567-1568.
0	2',4',5,7-TETRAHYDROXYFLAVONE	Fruit		4.0		Nagar, A., Gujral, V. K., Gupta, S. R. 1979. A New Flavone from Terminalia arjuna Fruits. Phytochemistry 18: 1245-
0	2,3(S)-HHDP-6-O-GALLOYL-D-GLUCOSE	Bark		27.6		Lin, T. C., Ma, Y. T., Hsu, F. L. 1996. Tannins from the Bark of Terminalia arjuna. Zhonghua Yaoxue Zashi 48 1: 25-35.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	2,3(S)-HHDP-D-GLUCOSIDE	Bark		190.3		Lin, T. C., Ma, Y. T., Hsu, F. L. 1996. Tannins from the Bark of Terminalia arjuna. Zhonghua Yaoxue Zashi 48 1: 25-35.
0	2,3,4,6-TETRAGALLOYL-GLUCOSE	Leaf				Kandil, F. E., Nassar, M. I. 1998. A Tannin Anti-Cancer Promotor from Terminalia arjuna. Phytochemistry 47 8: 1567-1568.
0	8-HYDROXY-HEXADECANOIC-ACID	Root Bark		50.0		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.
3	AFRORMOSIN	Fruit				Singh, B., Pandey, V. B. 1995. Constituents of Terminalia arjuna Fruits. Orient. J. Chem. 11 2: 185-186.
0	ARACHIDIC-STEARATE	Fruit				Ahmad, M. U., Mullah, K. B., Saha, K. C. 1982. Hentriacontane, Arachidic Stearate and Myristyl Oleate from the Fruits of Terminalia arjuna Bedd. J. Bangladesh Acad. Sci. 6 1/2: 61-65.
0	ARJUNAGENIN	Bark		12.0		Honda, T., Murae, T., Tsuyuki, T., Takahashi, T., Sawai, M. 1976. Arjungenin, Arjunglucoside I, and Arjunglucoside II, a New Triterpene and New Triterpene Glucosides from Terminalia arjuna. Bull. Chem. Soc. Japan 49: 3213-.
0	ARJUNETIN	Leaf				Chauhan, S. M. S., Parkash, S., Kaushik, R. 1997. Isolation of 3-beta-hydroxyolean-12-ene and Related Triterpenoids from the Leaves of Terminalia arjuna. Indian J. Chem. 36B 3: 297-298.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ARJUNETIN	Root Bark		10.0		Anjaneyulu, A. S. R., Rama Prasad, A. V. 1982. Chemical Examination of the Roots of Terminalia arjuna-The Structures of Arjunoside 3 and Arjunoside 4, Two New Triterpenoid Glycosides. Phytochemistry 21: 2057-2060.
0	ARJUNETIN	Bark	1100.0	1600.0		--
0	ARJUNGENIN	Bark				--
0	ARJUNGLUCOSIDE I	Bark		280.0		Honda, T., Murae, T., Tsuyuki, T., Takahashi, T., Sawai, M. 1976. Arjungenin, Arjunglucoside I, and Arjunglucoside II, a New Triterpene and New Triterpene Glucosides from Terminalia arjuna. Bull. Chem. Soc. Japan 49: 3213-.
0	ARJUNGLUCOSIDE I	Root Bark		3.0		Anjaneyulu, A. S. R., Rama Prasad, A. V. 1982. Chemical Examination of the Roots of Terminalia arjuna-The Structures of Arjunoside 3 and Arjunoside 4, Two New Triterpenoid Glycosides. Phytochemistry 21: 2057-2060.
0	ARJUNGLUCOSIDE-II	Leaf				Chauhan, S. M. S., Parkash, S., Kaushik, R. 1997. Isolation of 3-beta-hydroxyolean-12-ene and Related Triterpenoids from the Leaves of Terminalia arjuna. Indian J. Chem. 36B 3: 297-298.
0	ARJUNGLUCOSIDE-II	Bark	630.0	933.3		--
0	ARJUNGLUCOSIDE-III	Bark		42.6		Tsuyuki, T., Hamada, Y., Honda, T., Takahashi, T., Matsushita, K. 1979. A New Triterpene Glucoside from Terminalia arjuna. Arjunglucoside III. Bull. Chem. Soc. Japan 52 10: 3127-3128.
0	ARJUNGLUCOSIDES	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ARJUNIC-ACID	Stem		10.0		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
0	ARJUNIC-ACID	Seed		10.0		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
0	ARJUNIC-ACID	Leaf		10.0		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
0	ARJUNIC-ACID	Flower		10.0		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
0	ARJUNIC-ACID	Root Bark		150.0		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.
0	ARJUNIC-ACID	Bark		160.0		--
0	ARJUNIN	Leaf				Kandil, F. E., Nassar, M. I. 1998. A Tannin Anti-Cancer Promotor from Terminalia arjuna. Phytochemistry 47 8: 1567-1568.
0	ARJUNOLIATIN	Stem		100.0		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
0	ARJUNOLIATIN	Seed		100.0		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ARJUNOLIATIN	Leaf		100.0		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
0	ARJUNOLIATIN	Flower		100.0		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
5	ARJUNOLIC-ACID	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.
5	ARJUNOLIC-ACID	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.
5	ARJUNOLIC-ACID	Leaf		15.5	-1.0	--
5	ARJUNOLIC-ACID	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.
5	ARJUNOLIC-ACID	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.
5	ARJUNOLIC-ACID	Bark		150.0		--
5	ARJUNOLIC-ACID	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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	ARJUNOLIC-ACID	Wood		30000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ARJUNOLIC-ACID-SAPONIN	Root Bark		7.0		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.
0	ARJUNOLIC-ACID-SAPONIN	Heart Wood		1300.0		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.
0	ARJUNOLONE	Stem Bark		16.7		Sharma, P. N., Shoeb, A., Kapil, R. S., Popli, S. P. 1982. Arjunolone-A New Flavone from Stem Bark of Terminalia arjuna. Indian J. Chem. 21B: 263-264.
0	ARJUNOSIDE-I	Root Bark		20.0		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.
0	ARJUNOSIDE-II	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.
0	ARJUNOSIDE-III	Root Bark		60.0		Anjaneyulu, A. S. R., Rama Prasad, A. V. 1982. Chemical Examination of the Roots of Terminalia arjuna-The Structures of Arjunoside 3 and Arjunoside 4, Two New Triterpenoid Glycosides. Phytochemistry 21: 2057-2060.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ARJUNOSIDE-IV	Root Bark		2.0		Anjaneyulu, A. S. R., Rama Prasad, A. V. 1982. Chemical Examination of the Roots of Terminalia arjuna-The Structures of Arjunoside 3 and Arjunoside 4, Two New Triterpenoid Glycosides. Phytochemistry 21: 2057-2060.
0	ASH	Leaf		70900.0	-0.8448499500579915	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
50	BAICALEIN	Stem Bark		8.3		Sharma, P. N., Shoeb, A., Kapil, R. S., Popli, S. P. 1982. Arjunolone-A New Flavone from Stem Bark of Terminalia arjuna. Indian J. Chem. 21B: 263-264.
9	BETA-AMYRIN	Leaf				Chauhan, S. M. S., Parkash, S., Kaushik, R. 1997. Isolation of 3-beta-hydroxyolean-12-ene and Related Triterpenoids from the Leaves of Terminalia arjuna. Indian J. Chem. 36B 3: 297-298.
47	BETA-SITOSTEROL	Bark		300.0	1.2553991013519303	--
47	BETA-SITOSTEROL	Leaf				Chauhan, S. M. S., Parkash, S., Kaushik, R. 1997. Isolation of 3-beta-hydroxyolean-12-ene and Related Triterpenoids from the Leaves of Terminalia arjuna. Indian J. Chem. 36B 3: 297-298.
47	BETA-SITOSTEROL	Heart Wood		1000.0		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.
47	BETA-SITOSTEROL	Fruit				Singh, B., Pandey, V. B. 1995. Constituents of Terminalia arjuna Fruits. Orient. J. Chem. 11 2: 185-186.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
47	BETA-SITOSTEROL	Root Bark		50.0		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.
47	BETA-SITOSTEROL	Root		20.0	-0.2753758075494688	Anjaneyulu, A. S. R., Prasad, A. V. R. 1983. Chemical Examination of the Roots of Terminalia arjuna. Part 3. Structure of Terminalic Acid, a Dihydroxytriterpene Carboxylic Acid from Terminalia arjuna. Phytochemistry 22 4: 993-998.
1	CASTALAGIN	Bark		692.3		Lin, T. C., Ma, Y. T., Hsu, F. L. 1996. Tannins from the Bark of Terminalia arjuna. Zhonghua Yaoxue Zashi 48 1: 25-35.
0	CASUARIIN	Bark		96.1		Lin, T. C., Ma, Y. T., Hsu, F. L. 1996. Tannins from the Bark of Terminalia arjuna. Zhonghua Yaoxue Zashi 48 1: 25-35.
4	CASUARININ	Bark		98.0		Lin, T. C., Ma, Y. T., Hsu, F. L. 1996. Tannins from the Bark of Terminalia arjuna. Zhonghua Yaoxue Zashi 48 1: 25-35.
5	DAUCOSTEROL	Fruit				Singh, B., Pandey, V. B. 1995. Constituents of Terminalia arjuna Fruits. Orient. J. Chem. 11 2: 185-186.
51	ELLAGIC-ACID	Leaf				Kandil, F. E., Nassar, M. I. 1998. A Tannin Anti-Cancer Promotor from Terminalia arjuna. Phytochemistry 47 8: 1567-1568.
51	ELLAGIC-ACID	Root Bark		3.0		Anjaneyulu, A. S. R., Rama Prasad, A. V. 1982. Chemical Examination of the Roots of Terminalia arjuna-The Structures of Arjunoside 3 and Arjunoside 4, Two New Triterpenoid Glycosides. Phytochemistry 21: 2057-2060.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
51	ELLAGIC-ACID	Heart Wood		250.0		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.
51	ELLAGIC-ACID	Bark		250.0	-1.0	--
0	EPICATECHOL	Bark				Madhusudanamma, W., Sastry, K. N. S., Rao, V. S. S., Reddy, K. K. 1980. Isolation of Flavan-3-ols from Terminalia arjuna Bark. Leather Sci (Madras) 27: 199-200.
0	EPIGALLOCATECHOL	Bark				Madhusudanamma, W., Sastry, K. N. S., Rao, V. S. S., Reddy, K. K. 1980. Isolation of Flavan-3-ols from Terminalia arjuna Bark. Leather Sci (Madras) 27: 199-200.
15	FIBER	Leaf		77800.0	-1.035478310700075	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
2	FRIEDELIN	Bark				--
62	GALLIC-ACID	Leaf				Kandil, F. E., Nassar, M. I. 1998. A Tannin Anti-Cancer Promotor from Terminalia arjuna. Phytochemistry 47 8: 1567-1568.
62	GALLIC-ACID	Root Bark		3.0		Anjaneyulu, A. S. R., Rama Prasad, A. V. 1982. Chemical Examination of the Roots of Terminalia arjuna-The Structures of Arjunoside 3 and Arjunoside 4, Two New Triterpenoid Glycosides. Phytochemistry 21: 2057-2060.
62	GALLIC-ACID	Shoot		7.5	-0.7278788513403553	Pettit, G. R., Hoard, M. S., Doubek, D. L., Schmidt, J. M., Pettit, R. K., Tackett, L. P., Chapuis, J. C. 1996. Antineoplastic Agents 338. The Cancer Cell Growth Inhibitory Constituents of Terminalia arjuna (Combretaceae). J. Ethnopharmacol. 53 1: 57-63.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	GALLIC-ACID-ETHYL-ESTER	Shoot		0.1		Pettit, G. R., Hoard, M. S., Doubek, D. L., Schmidt, J. M., Pettit, R. K., Tackett, L. P., Chapuis, J. C. 1996. Antineoplastic Agents 338. The Cancer Cell Growth Inhibitory Constituents of Terminalia arjuna (Combretaceae). J. Ethnopharmacol. 53 1: 57-63.
1	LEUCOCYANIDIN	Root Bark		6.0		Anjaneyulu, A. S. R., Rama Prasad, A. V. 1982. Chemical Examination of the Roots of Terminalia arjuna-The Structures of Arjunoside 3 and Arjunoside 4, Two New Triterpenoid Glycosides. Phytochemistry 21: 2057-2060.
78	LUTEOLIN	Shoot		0.9	-0.7087217931321604	Pettit, G. R., Hoard, M. S., Doubek, D. L., Schmidt, J. M., Pettit, R. K., Tackett, L. P., Chapuis, J. C. 1996. Antineoplastic Agents 338. The Cancer Cell Growth Inhibitory Constituents of Terminalia arjuna (Combretaceae). J. Ethnopharmacol. 53 1: 57-63.
18	MANNITOL	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
6	MASLINIC-ACID	Leaf				Chauhan, S. M. S., Parkash, S., Kaushik, R. 1997. Isolation of 3-beta-hydroxyolean-12-ene and Related Triterpenoids from the Leaves of Terminalia arjuna. Indian J. Chem. 36B 3: 297-298.
0	MYRISTYL-OLEATE	Fruit				Ahmad, M. U., Mullah, K. B., Saha, K. C. 1982. Hentriacontane, Arachidic Stearate and Myristyl Oleate from the Fruits of Terminalia arjuna Bedd. J. Bangladesh Acad. Sci. 6 1/2: 61-65.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	N-HENTRIACONTANE	Fruit				Ahmad, M. U., Mullah, K. B., Saha, K. C. 1982. Hentriacontane, Arachidic Stearate and Myristyl Oleate from the Fruits of Terminalia arjuna Bedd. J. Bangladesh Acad. Sci. 6 1/2: 61-65.
64	OLEANOLIC-ACID	Stem		17.5	-1.0	Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
64	OLEANOLIC-ACID	Seed		17.5	1.0	Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
64	OLEANOLIC-ACID	Leaf		17.5	-0.8285929148331	--
64	OLEANOLIC-ACID	Flower		17.5	-0.7761594495209697	Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. Phytochemistry 31 1: 349-351.
64	OLEANOLIC-ACID	Root Bark		10.0	-1.0	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.
9	OXALIC-ACID	Bark				Bharadwaj, K., Chandra, V. 1983. Comparative Incidence of Calcium Oxalate as a Source of Oxalic Acid in Barks of Seven Species of Terminalia. Biol. Mem. 8 1/2: 54-62.
0	POTASSIUM-CHLORIDE	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	PROTEIN	Leaf		101000.0	-1.105786468924286	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PSIDININ-C	Bark				Lin, T. C., Ma, Y. T., Hsu, F. L. 1996. Tannins from the Bark of Terminalia arjuna. Zhonghua Yaoxue Zashi 48 1: 25-35.
12	PUNICALAGIN	Bark		97.6		Lin, T. C., Ma, Y. T., Hsu, F. L. 1996. Tannins from the Bark of Terminalia arjuna. Zhonghua Yaoxue Zashi 48 1: 25-35.
7	PUNICALIN	Leaf				Kandil, F. E., Nassar, M. I. 1998. A Tannin Anti-Cancer Promotor from Terminalia arjuna. Phytochemistry 47 8: 1567-1568.
7	PUNICALIN	Bark		66.5		Lin, T. C., Ma, Y. T., Hsu, F. L. 1996. Tannins from the Bark of Terminalia arjuna. Zhonghua Yaoxue Zashi 48 1: 25-35.
0	QUERCETIN-7-O-RHAMNOSIDE	Fruit				Singh, B., Pandey, V. B. 1995. Constituents of Terminalia arjuna Fruits. Orient. J. Chem. 11 2: 185-186.
0	SUGARS	Fruit		57500.0	-0.6468515519629178	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
35	TANNIN	Fruit	70000.0	120000.0	0.2460348882910567	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
35	TANNIN	Bark		158000.0	0.14796412715399127	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	TERCHEBULIN	Bark		174.6		Lin, T. C., Ma, Y. T., Hsu, F. L. 1996. Tannins from the Bark of Terminalia arjuna. Zhonghua Yaoxue Zashi 48 1: 25-35.
0	TERFLAVIN-C	Bark		36.1		Lin, T. C., Ma, Y. T., Hsu, F. L. 1996. Tannins from the Bark of Terminalia arjuna. Zhonghua Yaoxue Zashi 48 1: 25-35.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	TERMINIC-ACID	Root Bark		2.0		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.
0	TERMINIC-ACID	Root		100.0		Anjaneyulu, A. S. R., Prasad, A. V. R. 1983. Chemical Examination of the Roots of Terminalia arjuna. Part 3. Structure of Terminic Acid, a Dihydroxytriterpene Carboxylic Acid from Terminalia arjuna. Phytochemistry 22 4: 993-998.
0	TERMINOIC-ACID	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	TERMINOIC-ACID	Bark		40.0		Ahmad, M. U., Mullah, K. B., Norin, T., Ulla, J. K. 1983. Terminic Acid, a New Trihydroxytriterpene Carboxylic Acid from Bark of Terminalia arjuna. Indian J. Chem. 22B 8: 738-740.
0	TERMINOLITIN	Fruit		19.3		Singh, B., Singh, V. P., Pandey, V. B., Rucker, G. 1995. A New Triterpene Glycoside from Terminalia arjuna. Planta Med. 61 6: 576-577.