

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Vitex agnus-castus*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
78	LUTEOLIN	Root Bark				--
75	KAEMPFEROL	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
67	1,8-CINEOLE	Flower				--
67	1,8-CINEOLE	Fruit	600.0	4225.0	-0.1789556977792473	--
67	1,8-CINEOLE	Leaf		115.0	-0.5154325408020304	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
60	LIMONENE	Flower				Jim Duke's personal files.
60	LIMONENE	Leaf Essent. Oil		112100.0	-0.18270097388120965	Jim Duke's personal files.
60	LIMONENE	Fruit Essent. Oil		1036500.0	1.4108415138660721	Jim Duke's personal files.
60	LIMONENE	Leaf		6.0	-0.44147221537054576	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
60	LIMONENE	Fruit	590.0	4000.0	-0.17653645241247798	--
53	LINALOOL	Leaf		0.5	-0.6470976105323109	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
41	CAMPHOR	Fruit	80.0	800.0	0.6644584615595209	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
41	CAMPHOR	Flower				Jim Duke's personal files.
41	CAMPHOR	Leaf				Jim Duke's personal files.
28	ALPHA-PINENE	Flower				--
28	ALPHA-PINENE	Leaf Essent. Oil		43200.0	-0.5155006741091597	Jim Duke's personal files.
28	ALPHA-PINENE	Leaf		21.0	-0.22318110789954515	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.
28	ALPHA-PINENE	Fruit Essent. Oil		6.6	-0.8488896734743719	Jim Duke's personal files.
28	ALPHA-PINENE	Fruit	21.0	4000.0	0.32553830914285703	--
27	LINOLEIC-ACID	Fruit				--
24	VANILLIC-ACID	Plant				--
23	ALPHA-TERPINEOL	Leaf		5.0	-0.581471880678652	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.
23	ALPHA-TERPINEOL	Fruit				Jim Duke's personal files.
23	ALPHA-TERPINEOL	Flower				Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
23	TERPINEN-4-OL	Leaf		11.0	-0.3340416261032434	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
23	TERPINEN-4-OL	Leaf Essent. Oil		38200.0	-0.22503871744518758	Jim Duke's personal files.
22	MYRCENE	Fruit				Jim Duke's personal files.
22	MYRCENE	Flower				Jim Duke's personal files.
22	MYRCENE	Leaf Essent. Oil		18000.0	-0.2967145602434585	Jim Duke's personal files.
22	MYRCENE	Leaf		3.0	-0.17159298783816848	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
20	AUCUBIN	Shoot				--
20	AUCUBIN	Fruit				--
20	AUCUBIN	Wood				Jim Duke's personal files.
20	AUCUBIN	Leaf	3000.0	4000.0	-0.1719118353444105	--
18	VITEXIN	Fruit				--
16	P-CYMENE	Leaf		10.0	-0.3918055201670966	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
16	P-CYMENE	Fruit				Jim Duke's personal files.
16	P-CYMENE	Flower				Jim Duke's personal files.
16	P-CYMENE	Leaf Essent. Oil		14400.0	-0.564710773279301	Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	CITRONELLOL	Leaf		0.5	-0.47395127504006074	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
15	ASCARIDOLE	Leaf		0.5	-1.376775510458338	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
13	BETA-PINENE	Leaf		2.5	-0.42544218299211284	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
13	BETA-PINENE	Fruit Essent. Oil		8300.0	-0.6795252003227298	Jim Duke's personal files.
13	BETA-PINENE	Fruit	600.0	4000.0	-0.1696921851991317	--
13	BETA-PINENE	Flower				Jim Duke's personal files.
13	BETA-PINENE	Leaf Essent. Oil		9800.0	-0.5515280698255924	Jim Duke's personal files.
12	BORNYL-ACETATE	Leaf		0.2	-0.41004476181606825	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
12	BORNYL-ACETATE	Fruit	80.0	800.0	1.4141989490302305	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
12	PINENE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	ISORHAMNETIN	Root Bark				--
11	GAMMA-TERPINENE	Fruit				Jim Duke's personal files.
11	TESTOSTERONE	Leaf				--
11	GAMMA-TERPINENE	Flower				Jim Duke's personal files.
11	GAMMA-TERPINENE	Leaf				Jim Duke's personal files.
11	TESTOSTERONE	Flower				Jim Duke's personal files.
9	CHRYSOSENIOL-D	Fruit				--
9	CAMPHENE	Leaf	0.2	14.0	-0.18740106279745042	--
8	CARYOPHYLLENE-OXIDE	Leaf Essent. Oil		11700.0	0.6121610007755034	Jim Duke's personal files.
8	CARYOPHYLLENE-OXIDE	Leaf		1.6	-0.44958649282201407	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
8	EUPATORIN	Fruit				--
8	QUERCETAGETIN	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
8	CARYOPHYLLENE-OXIDE	Fruit				Jim Duke's personal files.
8	CARYOPHYLLENE-OXIDE	Flower				Jim Duke's personal files.
7	ARTEMETIN	Plant				--
7	ARTEMETIN	Root Bark				--
7	LUTEOLIN-7-GLUCOSIDE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
6	CASTICIN	Fruit		1000.0		--
6	CASTICIN	Plant				--
6	CASTICIN	Shoot				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	CASTICIN	Seed		1000.0		Jim Duke's personal files.
6	CASTICIN	Leaf				Jim Duke's personal files.
5	SABINENE	Leaf		25.0	-0.2452803744551132	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
5	SABINENE	Fruit	80.0	800.0	-0.2843328344160924	--
5	SABINENE	Flower				--
5	SABINENE	Leaf Essent. Oil		191600.0	2.583535625809881	Jim Duke's personal files.
4	ISOORIENTIN	Shoot		70.0		Jim Duke's personal files.
4	ORIENTIN	Leaf				Jim Duke's personal files.
4	ISOVITEXIN	Leaf				--
4	ISOORIENTIN	Leaf				--
4	PENDULETIN	Fruit				--
4	ORIENTIN	Shoot		70.0		--
4	PENDULETIN	Plant				--
4	ORIENTIN	Fruit				--
3	BETA-PHELLANDRENE	Leaf		1.4	-0.4609858749166889	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
3	3,4-DIHYDROXYBENZOIC-ACID	Plant				--
3	CHRYSOSPENOL	Fruit				--
2	TRANS-BETA-FARNESENE	Fruit				Jim Duke's personal files.
2	TRANS-BETA-FARNESENE	Flower				Jim Duke's personal files.
2	MANOOL	Flower				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	TRANS-BETA-FARNESENE	Leaf				Jim Duke's personal files.
2	MANOOL	Fruit				--
2	MANOOL	Leaf				--
2	GERMACRENE-D	Leaf		0.2	-0.5248914004803286	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. <i>J. Essential Oil Research</i> , 2: 115-119.
1	AGNUSIDE	Wood				Jim Duke's personal files.
1	METHYL-3,4-DIHYDROXYBENZOATE	Plant				--
1	AGNUSIDE	Leaf	3000.0	6000.0		--
1	AGNUSIDE	Shoot				--
1	ANDROSTENEDIONE	Leaf				--
1	AGNUSIDE	Fruit				Jim Duke's personal files.
0	3-BETA-ACETOXYOLEAN-12-EN-27-OIC-ACID	Leaf				Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	(E)-BETA-FARNESENE	Flower				--
0	EUROSTOSIDE	Leaf		700.0		--
0	LUTEOLIN-6-C-(6"-O-TRANS-CAFFEOYLGLUCOSIDE)	Root Bark				--
0	DELTA-TERPINEOL	Leaf				Jim Duke's personal files.
0	VITEAGNUSIN-C	Fruit				--
0	ALPHA-GURJUNENE	Flower				Jim Duke's personal files.
0	P-CYMOL	Fruit				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. <i>Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D)</i> , 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	5,4'-DIHYDROXY-3,6,7,3'-TETRAMETHOXYFLAVONE	Root Bark				--
0	SPATHULENOL	Flower				--
0	MUSSAENOSIDIC-ACID	Shoot				--
0	1,8-CINEOL	Leaf				Jim Duke's personal files.
0	AGNUCASTOSIDE-A	Shoot				--
0	LINALOL	Leaf	0.5	16.0	-0.43312232047482413	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	ORTHO CYMOL	Leaf Essent. Oil				Jim Duke's personal files.
0	2-BETA-3-ALPHA-DIACETOXYOLEAN-5,12-DIEN-28-OIC-ACID	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	(E)-BETA-FARNESENE	Fruit				--
0	EPITESTOSTERONE	Leaf				--
0	T-CADINOL	Fruit				Jim Duke's personal files.
0	QUINONE	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ALPHA-TERPINEOL ACETATE	Fruit				Jim Duke's personal files.
0	VITEAGNUSIN-B	Fruit				--
0	ALPHA-GURJUNENE	Leaf Essent. Oil		3900.0	-1.0	Jim Duke's personal files.
0	METHYL-4-HYDROXYBENZOATE	Plant				--
0	CINEOL	Fruit Essent. Oil				Jim Duke's personal files.
0	AGNOSIDE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	LEDOL	Leaf		0.5	-0.9430203471044566	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	SPATHULENOL	Leaf Essent. Oil		11600.0	1.3598761207800507	Jim Duke's personal files.
0	2-ALPHA-3-BETA-DIACETOXY-18-HYDROXYOLEAN-5,12-DIEN-28-OIC-ACID	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	EO	Leaf		230.0	-0.9943883538121621	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	T-CADINOL	Flower				Jim Duke's personal files.
0	ALPHA-TERPINYL-ACETATE	Flower				--
0	PROTEIN	Seed	54000.0	81000.0	-1.3592001503550157	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ALPHA-TERPINEOL ACETATE	Flower				Jim Duke's personal files.
0	VITEAGNUSIN-A	Fruit				--
0	ALPHA-GURJUNENE	Leaf		0.2	-0.6230842706034109	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	7-O-TRANS-P-COUMAROYL-6'-O-TRANS-CAFFEOYL-8-EPILOGANIC-ACID	Shoot				--
0	AUCUBOSIDE	Leaf				Jim Duke's personal files.
0	ISOVITEXIN-XYLOSIDE	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	HOMOORIENTIN	Leaf				--
0	2-ALPHA-3-ALPHA-DIHYDROXYOLEAN-5,12-DIEN-28-OIC-ACID	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	VITEXILACTONE	Fruit				--
0	EO	Fruit	4000.0	12000.0	-0.5867177602418251	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.
0	FLAVONOIDS	Root Bark				--
0	T-CADINOL	Leaf Essent. Oil		10700.0	1.0	Jim Duke's personal files.
0	ALPHA-TERPINYL-ACETATE	Fruit				--
0	PROGESTERONE	Leaf				--
0	ALPHA-TERPINEOL ACETATE	Leaf				Jim Duke's personal files.
0	AUCUBOSIDE	Fruit				Jim Duke's personal files.
0	ALLO-AROMADENDRENE	Leaf		0.5	-0.20231788970530706	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.
0	VITETRIFOLIN-C	Fruit				--
0	DELTA-3-KETOSTEROIDS	Leaf				--
0	P-HYDROXYBENZOIC-ACID	Plant				--
0	SCLARENE	Leaf				--
0	(E)-CARYOPHYLLENE	Flower				--
0	VITETRIFOLIN-B	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CUMINIC-ALDEHYDE	Leaf		0.2		Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	EO	Flower	3000.0	7600.0	-0.1703017891517936	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
0	6'-O-P-HYDROXYBENZOYLMUSSAENOSIDIC-ACID	Shoot				--
0	ROTUNDIFURAN	Fruit	400.0	3000.0		--
0	BETA-CARYOPHYLLENE	Leaf		2.0	-0.33385020306025753	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	ORTHO CYMOL	Flower Essent. Oil				Jim Duke's personal files.
0	BETA-CARYOPHYLLENE	Fruit				Jim Duke's personal files.
0	(E)-CARYOPHYLLENE	Fruit				--
0	HOMOOREINTIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	RUBBER	Root		110.0	-0.9115981768054694	Jim Duke's personal files.
0	6-HYDROXYKAEMPFEROL-3,4',6,7-TRIMETHYLETHER	Fruit				--
0	TETRAHYDROXYMONOME THOXYFLAVONE-BETA-D-GLUCOSIDE	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ALPHA-THUJENE	Fruit				Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	VITEAGNUSIN-H	Fruit				--
0	DITERPENES	Fruit				--
0	VITICIN	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
0	5-HYDROXY-2-METHOXYBENZOIC-ACID	Plant				--
0	P-CYMEN-8-OL	Leaf		0.5	-0.8329880956974537	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	QUERCETAGETIN-3,6,7-TRIMETHYLETHER	Fruit				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
0	BETA-BOURBONENE	Leaf		0.2	-0.5650084487272009	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	(E)-CARYOPHYLLENE	Leaf				--
0	ALLO-AROMADENDRENE	Fruit				Jim Duke's personal files.
0	17-ALPHA-HYDROXYPROGESTERONE	Leaf				--
0	6-HYDROXYKAEMPFEROL-3,4',6,7-TETRAMETHYLETHER	Fruit				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
0	BETA-CARYOPHYLLENE	Flower				Jim Duke's personal files.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-THUJENE	Flower				Jim Duke's personal files.
0	VITEAGNUSIN-G	Fruit				--
0	CINEOLE	Fruit				--
0	LEDOL	Fruit				Jim Duke's personal files.
0	BICYCLOGERMACRENE	Flower				--
0	ORTHOCYNOL	Leaf				--
0	PSEUDOINDICAN	Plant				--
0	APIGENIN-3,8-DI-C-GLYCOSIDE	Fruit				--
0	ABIETATRIENE	Fruit Essent. Oil		4400.0		Zwavina, J. H., Bos, R. 1996. Composition of the Essential Fruit Oil of Vitex agnus-castus. Planta Medic, 62(1): 83-84.
0	ALLO-AROMADENDRENE	Flower				Jim Duke's personal files.
0	GAMMA-ELEMENE	Leaf		0.2	-0.9090417205790984	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.
0	LUTEOLIN-7-O-(6"-P-BENZOYLGLUCOSIDE)	Root Bark				--
0	17-HYDROXYPROGESTERONE	Leaf				--
0	BETA-CARYOPHYLLENE	Leaf Essent. Oil		63800.0	-0.025964429521824612	Jim Duke's personal files.
0	ALPHA-THUJENE	Leaf Essent. Oil		7900.0	-0.9602760805888906	Jim Duke's personal files.
0	VITEAGNUSIN-F	Fruit				--
0	LEDOL	Flower				Jim Duke's personal files.
0	6'-O-(6,7-DIHYDROFOLIAMENTHOYL)MUSSAENOSIDIC-ACID	Shoot				--
0	BICYCLOGERMACRENE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GAMMA-CADINENE	Leaf		0.2	-0.4860568552720314	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	LUTEOLIN-6-C-(4"-METHYL-6"-O-TRANS-CAFFEYOYLGLUCOSIDE)	Root Bark				--
0	T-CADINOL	Leaf		2.5	-0.7272372511202277	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	EPITESTOSTERONE	Flower				Jim Duke's personal files.
0	VITEAGNUSIN-E	Fruit				--
0	CASTINE	Fruit				--
0	LEDOL	Leaf Essent. Oil		5800.0	1.0	Jim Duke's personal files.
0	6-BETA-7-BETA-DIACETOXY-13-HYDROXY-LABDA-8,14-DIEN	Fruit	200.0	1000.0		--
0	BICYCLOGERMACRENE	Leaf				--
0	ALPHA-THUJENE	Leaf		1.4	-0.604199084005542	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
0	1,8-CINEOL	Fruit				Jim Duke's personal files.
0	AGNUCASTOSIDE-C	Shoot				--
0	CHRYSOPHANOL-D	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	FAT	Seed	38000.0	100000.0	-0.8711556020733713	--
0	LUTEOLIN-6-C-(2"-O-TRANS-CAFFEOYLGLUCOSIDE)	Root Bark				--
0	(E)-BETA-FARNESENE	Leaf		2.5	-0.455053136920818	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.
0	SPATHULENOL	Leaf		0.9	-0.7629459117652999	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.
0	VITEAGNUSIN-D	Fruit				--
0	CASTICINE	Seed				--
0	6-HYDROXYKAEMPFEROL-3,6,7-TRIMETHYLETHER	Fruit				--
0	3,3'-DIHYDROXY-5,6,7,4'-TETRAMETHOXY-FLAVON	Plant				--
0	6'-O-FOLIAMENTHOYLMUSSAE NOSIDIC-ACID	Shoot				--
0	SPATHULENOL	Fruit				--
0	MYZODENDRONE	Shoot				--
0	ALPHA-TERPINYL-ACETATE	Leaf		1.8	-0.6353129419169833	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.
0	1,8-CINEOL	Flower				Jim Duke's personal files.
0	AGNUCASTOSIDE-B	Shoot				--