

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Eucalyptus globulus*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
67	1,8-CINEOLE	Fruit Essent. Oil	208100.0	725000.0	1.395591934022218	--
67	1,8-CINEOLE	Leaf Essent. Oil	168000.0	691200.0	1.5300608304247285	--
0	CRYPTONE	Leaf Essent. Oil	86000.0	167000.0	1.0	--
60	LIMONENE	Leaf Essent. Oil	31000.0	52000.0	-0.448365224243177	--
23	ALPHA-TERPINEOL	Leaf Essent. Oil	29000.0	58000.0	0.30722289388192564	--
0	TRITERPENES	Leaf	20000.0	40000.0		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	GLOBULOL	Leaf Essent. Oil	13000.0	34400.0	1.0	--
0	11,12-DEHYDROURSOLACTONE-ACETATE	Leaf Wax	10000.0	20000.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	AROMADENDRENE	Leaf Essent. Oil	8600.0	268000.0	1.4141831265968194	--
0	EO	Leaf	5000.0	35000.0	2.0639741997608496	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
28	ALPHA-PINENE	Leaf Essent. Oil	5000.0	260000.0	0.6771772357998844	--
9	CAMPHENE	Leaf Essent. Oil	4000.0	5100.0	-0.6956906319616664	--
13	BETA-PINENE	Leaf Essent. Oil	3900.0	5000.0	-0.7824396522094309	--
67	1,8-CINEOLE	Leaf	3500.0	33250.0	3.7465788103160196	--
16	P-CYMENE	Leaf Essent. Oil	3400.0	146000.0	1.3912935106767708	--
0	ALLO-AROMADENDRENE	Leaf Essent. Oil	2000.0	8000.0	-0.9551259469186552	--
28	ALPHA-PINENE	Leaf	1250.0	8750.0	0.34354526763390963	--
12	PINENE	Leaf	1200.0	8400.0	1.3619605941453428	--
9	TERPINOLENE	Leaf Essent. Oil	1000.0	5000.0	-0.3048955154584189	--
11	GAMMA-TERPINENE	Leaf Essent. Oil	1000.0	89000.0	0.43854490711065486	--
11	ALPHA-PHELLANDRENE	Leaf Essent. Oil	1000.0	343000.0	0.46075475134298666	--
22	MYRCENE	Leaf Essent. Oil	900.0	1000.0	-0.3629034834688993	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	MACROCARPAL-C	Leaf	229.0	56300.0		--
11	MACROCARPAL-A	Leaf	109.0	32000.0		--
3	AROMADENDRENE	Leaf	50.0	350.0	-0.40806189308755036	--
10	CUMINALDEHYDE	Leaf	25.0	135.0	0.2689923506737498	--
0	PINOCARVEOL	Leaf	20.0	140.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
10	MACROCARPAL-B	Leaf	13.0	33100.0		--
0	BETA-DIKETONE	Leaf Wax		560000.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	CITRONELLIC-ACID	Shoot		0.1	-0.2299487807105499	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	VOMIFOLIOL	Bark				--
0	EUGLOBOL-IA2	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
1	CAPROIC-ACID	Fruit Essent. Oil				--
6	MYRISTIC-ACID	Fruit				--
89	URSOLIC-ACID	Leaf				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
71	THYMOL	Fruit Essent. Oil				--
0	QUERCETRIN	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	EUGLOBAL-IB	Bud				--
4	SAKURANETIN	Resin, Exudate, Sap				--
0	ACETYLURSOLIC-ACID	Wood		49.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	EUCALYPTIN	Leaf				--
13	ALPHA-TERPINENE	Shoot		0.1	-0.48093760228289717	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	ALPHA-GUAIENE	Fruit Essent. Oil		31500.0	1.0	--
0	EUGLOBAL-IVB	Leaf				--
2	TRANS-PINOCARVEOL	Leaf				--
3	ISOAMYL-ALCOHOL	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
9	DELTA-CADINENE	Leaf Essent. Oil				--
0	P-METHOXY-CIS-CINNAMOYL-URSOLIC-ACID	Wood		3.3		--
0	D-CATECHOL	Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
3	AROMADENDRENE	Fruit Essent. Oil				--
0	GLOBULOL	Shoot		13000.0	4.997156125323988	--
13	ALPHA-TERPINENE	Fruit Essent. Oil				--
0	GERANIOL-ACETATE	Essential Oil				--
20	CITRONELLAL	Shoot		0.1	-0.22483909928564133	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
1	VIRIDIFLOROL	Leaf Essent. Oil				--
0	EUGLOBAL-VII	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
0	QUERCETOL-3-GLUCOSIDE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	EUGLOBAL-IA2	Bud				--
5	SABINENE	Fruit Essent. Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ACETYL-OLEANOLIC-ACID	Wood				--
24	ETHANOL	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
13	BETA-PINENE	Essential Oil		2000.0	-0.6859771042347549	--
10	MACROCARPAL-B	Calyx		180.0		--
23	TERPINEN-4-OL	Shoot		3000.0	1.0763688108037435	--
0	I-TERPINEOL	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
5	DAUCOSTEROL	Wood		6.0		--
0	P-METHOXY-CIS-CINNAMOYL-OLEANOLIC-ACID	Wood		2.7		--
0	(+)-LIMONENE	Leaf Essent. Oil				--
0	LEDOL	Leaf Essent. Oil				--
0	ALPHA-FENCHYL-ALCOHOL	Shoot		0.1	-0.4903066233071515	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
67	1,8-CINEOLE	Shoot		728000.0	10.305152225006955	--
5	VERBENONE	Fruit Essent. Oil				--
0	EUGLOBAL-IVB	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
9	CAMPHENE	Essential Oil		9000.0	-0.4234452941431629	--
22	MYRCENE	Fruit Essent. Oil				--
0	TANNINS	Leaf		110000.0	0.19910226047685284	--
3	ALPHA-SELINENE	Leaf Essent. Oil		2000.0		--
35	GERANIOL	Essential Oil				--
1	QUERCETOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
7	EUCALYPTONE	Leaf		27.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
18	RHAMNETIN	Stem Bark		3.5		--
0	ACETYL-BETULINIC-ACID	Wood				--
0	EPIGLOBULOL	Leaf		28000.0	1.0	--
13	BETA-PINENE	Fruit Essent. Oil				--
0	SPATHULENOL	Shoot		0.1	-0.4442085626228723	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
30	HYPEROSIDE	Leaf				--
0	P-MENTHANE	Fruit Essent. Oil				--
30	(+)-CATECHIN	Leaf				--
3	CITRIODOROL	Plant				--
101	APIGENIN	Leaf				--
22	ISOQUERCITRIN	Leaf				--
0	EO	Shoot		21200.0	1.0092290806285587	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	3-BETA-ACETOXY-11-ALPHA-METHOXY-URS-12-EN-28-OIC-ACID	Wood		5.0		--
6	UVAOL	Wood		13.0		--
0	EUGLOBAL-III	Leaf		10.0		--
9	CAMPHENE	Fruit Essent. Oil				--
6	MASLINIC-ACID	Leaf				--
0	FLAVONOIDS	Leaf				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	ALPHA-PHELLANDRENE	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
28	ALPHA-PINENE	Fruit Essent. Oil		40900.0	-0.3076174544185865	--
11	GAMMA-TERPINENE	Fruit Essent. Oil				--
0	BETA-CARYOPHYLLENE	Shoot		0.1	-0.40976853829945986	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
176	QUERCETIN	Leaf				--
0	EUDESMOL	Fruit Essent. Oil				--
0	RHAMNAZIN	Stem Bark		0.1		--
0	8-DEMETHYL-SIDEROXYLIN	Leaf				--
3	BETA-PHELLANDRENE	Leaf Essent. Oil		36000.0	2.0530780562532986	--
11	MACROCARPAL-A	Calyx		280.0		--
13	BETA-PINENE	Shoot		7000.0	0.36923568596230105	--
0	GLOBULOL	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
15	CITRONELLOL	Leaf Essent. Oil		136000.0	-0.402991928689751	--
0	P-DIMETHYL-ALPHA-STYRENE	Shoot		3000.0		--
0	(-)-TRANS-PINOCARVEOL	Leaf				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
77	CHLOROGENIC-ACID	Wood				Chemical Constituents of Oriental Herbs (3 diff. books)
32	ALPHA-TOCOPHEROL	Leaf		333.0	-8.863644217758233E-4	--
0	ISOPULEGOLE	Leaf Essent. Oil		2000.0	-1.0	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	BETA-ELEMENE	Shoot		0.1	-0.3396749847658091	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	3-BETA-23-DIHYDROXY-URS-12-EN-28-OIC-ACID	Wood		10.0		--
89	URSOLIC-ACID	Wood		8.0		--
19	CARVONE	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	EUGLOBAL-IIC	Bud				--
0	ALPHA-EUDESOL	Leaf Essent. Oil		17000.0		--
0	EUGLOBAL-III	Bud		100.0		--
1	CALYPTOSIDE	Leaf				--
8	MACROCARPAL-J	Leaf		28.0		--
0	ELLAGITANNINS	Leaf				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	ALPHA-EUDESOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	CAMPHOLENIC-ALDEHYDE	Shoot		0.1	-0.3149715595301656	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
43	PROTocatechuic-ACID	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	ERYTHRODIOL	Wood		10.0		--
44	QUERCITRIN	Leaf				--
0	8-DEMETHYLEUCALYPTIN	Leaf				--
51	ELLAGIC-ACID	Stem				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	BETA-PHELLANDRENE	Essential Oil				--
28	ALPHA-PINENE	Shoot		119000.0	11.720652666165982	--
8	GENTISIC-ACID	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
20	CITRONELLAL	Leaf Essent. Oil				--
16	P-CYMENE	Essential Oil		5000.0	-0.5921126100575014	--
2	TRANS-PINOCARVEOL	Shoot		16000.0	6.8597544992151915	--
77	CHLOROGENIC-ACID	Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
6	ALPHA-THUJONE	Fruit Essent. Oil				--
0	ISOPROPYLHEXANE	Leaf Essent. Oil				--
0	ALPHA-P-DIMETHYL-STYRENE	Shoot		65.0	0.13842227102622012	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
1	4-HYDROXY-TRITRIACONTANE-16,18-DIONE	Leaf		6.0		--
0	TRITRIACONTANE-16,18-DIONE	Leaf Wax				--
9	CAMPHENE	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	EUGLOBAL-IIB	Bud				--
23	TERPINEN-4-OL	Leaf Essent. Oil		8000.0	-0.48129072319747757	--
0	ALPHA-COPAENE	Leaf Essent. Oil		2000.0	1.0	--
0	EUGLOBAL-IIC	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
0	BORNEOL-ACETATE	Fruit Essent. Oil				--
8	MACROCARPAL-I	Leaf		23.0		--
3	CITRIODOROL	Resin, Exudate, Sap				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-AROMADENDRENE	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
28	ALPHA-PINENE	Essential Oil		52000.0	-0.10249729010199074	--
0	GAMMA-EUDES MOL	Leaf Essent. Oil		6000.0		--
24	BENZALDEHYDE	Shoot		0.1	-0.2247983186195243	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
1	PINOCARVONE	Leaf				--
10	ERIODICTYOL	Stem Bark		0.4		--
176	QUERCETIN	Stem Bark		0.3		--
0	7-METHOXYAROMADENDRIN	Resin, Exudate, Sap				--
51	ELLAGIC-ACID	Leaf				--
3	BETA-PHELLANDRENE	Fruit Essent. Oil		34300.0	-0.6379877744813619	--
78	LUTEOLIN	Leaf				--
11	ALPHA-PHELLANDRENE	Shoot		3000.0	7.3085148477973965	--
11	GAMMA-TERPINENE	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
53	CITRAL	Fruit Essent. Oil				--
7	PIPERITONE	Shoot		1000.0	-0.03161874369646552	--
0	CAPROALDEHYDE	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	ALPHA-TERPINEOL ACETATE	Shoot		27000.0	1.0	--
0	ISOFENCHONE	Leaf Essent. Oil		3800.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	P-CYMEN-8-OL	Shoot		0.1	-0.17247239346667684	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	16-HYDROXY-TRITRIACONTAN-18-ONE	Leaf		7.5		--
0	TRANS-VERBENOL	Fruit Essent. Oil				--
1	VIRIDIFLOROL	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	EUGLOBAL-IIA	Leaf				--
23	TERPINEN-4-OL	Fruit Essent. Oil				--
0	ALPHA-BULNESENE	Fruit Essent. Oil		59500.0	1.0	--
0	EUGLOBAL-IIB	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
35	BORNEOL	Fruit Essent. Oil				--
8	MACROCARPAL-H	Leaf		23.0		--
5	VERBENONE	Shoot		1000.0	1.181949712897411	--
0	ALLO-AROMADENDRINE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
11	ALPHA-PHELLANDRENE	Essential Oil		1000.0	-0.5736860307676445	--
0	GAMMA-CADINENE	Leaf Essent. Oil		1000.0	-0.7812021248174129	--
3	AROMADENDRENE	Shoot		20000.0	6.313001041104233	--
0	EREMOPHILENE	Fruit Essent. Oil				--
0	PRODELPHINIDIN-B5	Leaf				Takechi, M., Tanaka, Y., Takehara, M., Nonaka, G. I., Nishioka, I. 1985. Structure and Antiherpetic Activity Among the Tannins. Phytochemistry 24 10: 2245-2250.
0	3-METHOXYAROMADENDRIN	Resin, Exudate, Sap				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	D-VERBENONE	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
13	BETA-EUDESOL	Leaf Essent. Oil		13000.0	1.0	--
27	LINOLEIC-ACID	Fruit				--
2	MYRTENOL	Shoot		0.1	-0.2513799778000483	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
62	GALLIC-ACID	Stem				--
0	CIS-TRANS-FARNESOL	Fruit Essent. Oil		99500.0		--
18	OLEIC-ACID	Fruit				--
53	LINALOOL	Shoot		2000.0	-0.14757543396854364	--
102	CAFFEIC-ACID	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	ALPHA-TERPINEOL ACETATE	Essential Oil				--
3	ISOAMYL-ALCOHOL	Fruit Essent. Oil				--
16	P-CYMENE	Shoot		0.1	-0.5013233805011584	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	3,3'-DI-O-GALLOYL-PRODELPHINIDIN	Leaf				Takechi, M., Tanaka, Y., Takehara, M., Nonaka, G. I., Nishioka, I. 1985. Structure and Antiherpetic Activity Among the Tannins. Phytochemistry 24 10: 2245-2250.
2	TRANS-PINOCARVEOL	Essential Oil				--
0	VALERALDEHYDE	Leaf				--
0	EUGLOBAL-IIA	Bud				--
0	TERPIN-1-EN-4-OL	Essential Oil		1000.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-AROMADENDRENE	Fruit Essent. Oil				--
0	EUGLOBAL-IIA	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
35	BORNEOL	Leaf Essent. Oil		2000.0	-0.65804010899624	--
2	MACROCARPAL-E	Calyx		150.0		--
0	ALPHA-THUJENE	Shoot		0.1	-0.5551253545718478	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	3-OMETHYLELLAGIC-ACID-4'RHAMNOSIDE	Wood				Chemical Constituents of Oriental Herbs (3 diff. books)
11	ALPHA-PHELLANDRENE	Fruit Essent. Oil		83000.0	0.7081332746915394	--
0	GAMMA-CADINENE	Fruit Essent. Oil				--
0	ALLO-AROMADENDRENE	Shoot		6000.0	7.696423704237425	--
0	EPIGLOBULOL	Leaf Essent. Oil				--
0	PROANTHOCYANIDIN	Leaf				--
0	3,4,5-TRIMETHOXYPHENOL	Bark				--
0	D-MYRTENOL	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
0	BETA-CUBEBENE	Leaf Essent. Oil		1000.0	-1.066201785226631	--
0	LINALOOL-OXIDE	Leaf Essent. Oil		19000.0	1.2901099029322407	--
22	MYRCENE	Shoot		5000.0	5.3645023580366304	--
60	LIMONENE	Shoot		0.1	-0.3283880008447348	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
2	BUTYRALDEHYDE	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
0	ALPHA-TERPINEOL ACETATE	Leaf Essent. Oil		20900.0	-0.5243058025418297	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GURJUNENE	Leaf Essent. Oil				--
10	CUMINALDEHYDE	Shoot		0.1	-0.32518936983709645	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	3'-O-GALLOYL-PRODELPHINIDIN	Leaf				Takechi, M., Tanaka, Y., Takehara, M., Nonaka, G. I., Nishioka, I. 1985. Structure and Antiherpetic Activity Among the Tannins. Phytochemistry 24 10: 2245-2250.
62	GALLIC-ACID	Leaf				--
60	CHRYSIN	Leaf				--
64	OLEANOLIC-ACID	Leaf				--
2	TRANS-PINOCARVEOL	Fruit Essent. Oil				--
0	TRITRIACONTANE-16,18-DIONE	Plant				--
0	EUGLOBAL-IC	Bud				--
17	TAXIFOLIN	Stem Bark		2.0		--
0	ALLO-AROMADENDRENE	Essential Oil				--
0	EUGLOBAL-IC	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
0	BETULIC-ACID-METHYL-ESTER	Wood		14.0		--
11	MACROCARPAL-D	Calyx		250.0		--
0	ALPHA-TERPINYL-ACETATE	Shoot		570.0	-0.09332250978271245	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	3-OMETHYLELLAGIC-ACID-4'RHAMNOSIDE	Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
0	FIXED-OIL	Fruit				--
0	EUGLOBAL-IA1	Bud				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	PARAFFIN	Leaf		20000.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ENGELETIN	Stem Bark		2.0		--
7	PIPERITONE	Fruit Essent. Oil				--
1	2,4,6-TRIMETHOXYPHENOL	Bark				--
0	D-MYRTENAL	Leaf				--
0	BETA-CEDRENE	Leaf Essent. Oil				--
0	LINALOOL-OXIDE	Fruit Essent. Oil				--
0	LEDOL	Shoot		2000.0	5.981414190504062	--
13	BETA-PINENE	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
23	ALPHA-TERPINEOL	Essential Oil		9000.0	-0.3744746961998452	--
0	GLOBULOL	Fruit Essent. Oil				--
2	CITRONELLYL-ACETATE	Shoot		0.1	-0.23387536673936873	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	3'-O-GALLOYL-PROCYANIDIN-B2	Leaf				Takechi, M., Tanaka, Y., Takehara, M., Nonaka, G. I., Nishioka, I. 1985. Structure and Antiherpetic Activity Among the Tannins. Phytochemistry 24 10: 2245-2250.
62	GALLIC-ACID	Bark				--
8	CARYOPHYLENE-OXIDE	Leaf Essent. Oil		3000.0	-0.9728987333753536	--
56	NARINGENIN	Stem Bark		0.5		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	CAMPHENE	Shoot		0.1	-0.1342670938252942	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
2	TRANS-PINOCARVEOL	Leaf Essent. Oil		9400.0		--
87	RUTIN	Leaf		0.0	-1.0045451298553565	--
0	EUGLOBAL-IC	Leaf				--
0	SIDEROXYLIN	Leaf				--
0	EUGLOBAL-IB	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
5	BETA-THUJONE	Fruit Essent. Oil				--
11	MACROCARPAL-D	Leaf		18.0		--
23	ALPHA-TERPINEOL	Shoot		0.1	-0.2857345982558654	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	3-ISOPROPYLIDEN-1-ACETYL-5-CYCLOPENTENE	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
0	ALPHA-GURJUNENE	Leaf Essent. Oil		6000.0	1.0	--
6	FENCHONE	Fruit Essent. Oil				--
51	ELLAGIC-ACID	Bark				--
16	P-CYMENE	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
8	ELLAGITANNIN	Leaf				--
13	PALMITIC-ACID	Fruit				--
0	D-LINALOL	Leaf				--
9	BETA-AMYRIN	Wood		9.0		--
0	LINALOOL-ACETATE	Leaf Essent. Oil		18000.0	0.0303635379763657	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ISOBUTYL-VALERATE	Shoot		0.1	-0.5248706028810963	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
13	BETA-EUDESOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
23	ALPHA-TERPINEOL	Fruit Essent. Oil				--
0	GLOBULOL	Essential Oil		69000.0	1.0	--
15	CITRONELLOL	Shoot		0.1	-0.1773498482378769	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	(-)-ALPHA-PHELLANDRENE	Leaf Essent. Oil				--
61	FERULIC-ACID	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
31	CARYOPHYLLENE	Leaf Essent. Oil		167000.0	1.3972655179888909	--
2	MYRTENOL	Fruit Essent. Oil				--
35	BORNEOL	Shoot		3000.0	2.502127358747725	--
0	TRANS-BETA-OCIMENE	Leaf Essent. Oil		1000.0	-1.3854808535566114	--
44	QUERCITRIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	EUGLOBAL-IB	Leaf				--
0	SCYLLITOL	Leaf				--
0	ALLO-AROMADENDRENE	Fruit Essent. Oil		233700.0	1.0	--
0	EUGLOBAL-IA1	Plant				--
0	BETA-TERPINENE	Fruit Essent. Oil				--
8	MACROCARPAL-C	Calyx		430.0		--



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
11	GAMMA-TERPINENE	Shoot		0.1	-0.3942654916132095	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
0	ALPHA-GURJUNENE	Fruit Essent. Oil				--
0	EUGLOBAL-VII	Bud				--
0	D-LINALOOL	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	LEDOL	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
0	DIEPIPALUSTROL	Leaf Essent. Oil				--
0	P-METHOXY-TRANS-CINNAMOYL-URSOLIC-ACID	Wood		4.2		--
67	1,8-CINEOLE	Essential Oil		667000.0	1.9097239164573967	--
0	D-CATECHOL	Wood				Chemical Constituents of Oriental Herbs (3 diff. books)
3	AROMADENDRENE	Essential Oil				--
53	LINALOOL	Leaf Essent. Oil		2000.0	-0.6831836448335925	--
0	ISOAMYL-ISOVALERATE	Shoot		0.1	-0.4765294039940469	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.