

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Eucalyptus globulus

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|------------------|-------------------|----------|----------|---------------------|--|
| 176 | QUERCETIN | Leaf | | | | -- |
| 176 | QUERCETIN | Stem Bark | | 0.3 | | -- |
| 102 | CAFFEIC-ACID | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 101 | APIGENIN | Leaf | | | | -- |
| 89 | URSOLIC-ACID | Leaf | | | | Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp. |
| 89 | URSOLIC-ACID | Wood | | 8.0 | | -- |
| 87 | RUTIN | Leaf | | 0.0 | -1.0045451298553565 | -- |
| 78 | LUTEOLIN | Leaf | | | | -- |
| 77 | CHLOROGENIC-ACID | Wood | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 77 | CHLOROGENIC-ACID | Bark | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 71 | THYMOL | Fruit Essent. Oil | | | | -- |
| 67 | 1,8-CINEOLE | Leaf | 3500.0 | 33250.0 | 3.7465788103160196 | -- |
| 67 | 1,8-CINEOLE | Leaf Essent. Oil | 168000.0 | 691200.0 | 1.5300608304247285 | -- |
| 67 | 1,8-CINEOLE | Shoot | | 728000.0 | 10.305152225006955 | -- |
| 67 | 1,8-CINEOLE | Fruit Essent. Oil | 208100.0 | 725000.0 | 1.395591934022218 | -- |
| 67 | 1,8-CINEOLE | Essential Oil | | 667000.0 | 1.9097239164573967 | -- |
| 64 | OLEANOLIC-ACID | Leaf | | | | -- |
| 62 | GALLIC-ACID | Stem | | | | -- |
| 62 | GALLIC-ACID | Leaf | | | | -- |
| 62 | GALLIC-ACID | Bark | | | | -- |
| 61 | FERULIC-ACID | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 60 | LIMONENE | Leaf Essent. Oil | 31000.0 | 52000.0 | -0.448365224243177 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---------------------|-------------------|---------|----------|-----------------------|--|
| 60 | CHRYSIN | Leaf | | | | -- |
| 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. |
| 56 | NARINGENIN | Stem Bark | | 0.5 | | -- |
| 53 | CITRAL | Fruit Essent. Oil | | | | -- |
| 53 | LINALOOL | Shoot | | 2000.0 | -0.14757543396854364 | -- |
| 53 | LINALOOL | Leaf Essent. Oil | | 2000.0 | -0.6831836448335925 | -- |
| 51 | ELLAGIC-ACID | Stem | | | | -- |
| 51 | ELLAGIC-ACID | Leaf | | | | -- |
| 51 | ELLAGIC-ACID | Bark | | | | -- |
| 44 | QUERCITRIN | Leaf | | | | -- |
| 44 | QUERCITRIN | Plant | | | | J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991. |
| 43 | PROTOCATECHUIC-ACID | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 35 | GERANIOL | Essential Oil | | | | -- |
| 35 | BORNEOL | Fruit Essent. Oil | | | | -- |
| 35 | BORNEOL | Leaf Essent. Oil | | 2000.0 | -0.65804010899624 | -- |
| 35 | BORNEOL | Shoot | | 3000.0 | 2.502127358747725 | -- |
| 32 | ALPHA-TOCOPHEROL | Leaf | | 333.0 | -8.863644217758233E-4 | -- |
| 31 | CARYOPHYLLENE | Leaf Essent. Oil | | 167000.0 | 1.3972655179888909 | -- |
| 30 | (+)-CATECHIN | Leaf | | | | -- |
| 30 | HYPEROSIDE | Leaf | | | | -- |
| 28 | ALPHA-PINENE | Leaf | 1250.0 | 8750.0 | 0.34354526763390963 | -- |
| 28 | ALPHA-PINENE | Fruit Essent. Oil | | 40900.0 | -0.3076174544185865 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-----------------|-------------------|---------|----------|----------------------|--|
| 28 | ALPHA-PINENE | Leaf Essent. Oil | 5000.0 | 260000.0 | 0.6771772357998844 | -- |
| 28 | ALPHA-PINENE | Shoot | | 119000.0 | 11.720652666165982 | -- |
| 28 | ALPHA-PINENE | Essential Oil | | 52000.0 | -0.10249729010199074 | -- |
| 27 | LINOLEIC-ACID | Fruit | | | | -- |
| 24 | ETHANOL | Leaf | | | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 24 | BENZALDEHYDE | Shoot | | 0.1 | -0.2247983186195243 | 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. |
| 23 | ALPHA-TERPINEOL | Leaf Essent. Oil | 29000.0 | 58000.0 | 0.30722289388192564 | -- |
| 23 | TERPINEN-4-OL | Shoot | | 3000.0 | 1.0763688108037435 | -- |
| 23 | TERPINEN-4-OL | Leaf Essent. Oil | | 8000.0 | -0.48129072319747757 | -- |
| 23 | TERPINEN-4-OL | Fruit Essent. Oil | | | | -- |
| 23 | ALPHA-TERPINEOL | Essential Oil | | 9000.0 | -0.3744746961998452 | -- |
| 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. |
| 23 | ALPHA-TERPINEOL | Fruit Essent. Oil | | | | -- |
| 22 | MYRCENE | Leaf Essent. Oil | 900.0 | 1000.0 | -0.3629034834688993 | -- |
| 22 | MYRCENE | Fruit Essent. Oil | | | | -- |
| 22 | ISOQUERCITRIN | Leaf | | | | -- |
| 22 | MYRCENE | Shoot | | 5000.0 | 5.3645023580366304 | -- |
| 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. |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-----------------|-------------------|---------|----------|----------------------|--|
| 20 | CITRONELLAL | Leaf Essent. Oil | | | | -- |
| 19 | CARVONE | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 18 | RHAMNETIN | Stem Bark | | 3.5 | | -- |
| 18 | OLEIC-ACID | Fruit | | | | -- |
| 17 | TAXIFOLIN | Stem Bark | | 2.0 | | -- |
| 16 | P-CYMENE | Essential Oil | | 5000.0 | -0.5921126100575014 | -- |
| 16 | P-CYMENE | Leaf Essent. Oil | 3400.0 | 146000.0 | 1.3912935106767708 | -- |
| 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. |
| 16 | P-CYMENE | 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 | -- |
| 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. |
| 13 | BETA-PINENE | Leaf Essent. Oil | 3900.0 | 5000.0 | -0.7824396522094309 | -- |
| 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. |
| 13 | ALPHA-TERPINENE | Fruit Essent. Oil | | | | -- |
| 13 | BETA-PINENE | Essential Oil | | 2000.0 | -0.6859771042347549 | -- |
| 13 | BETA-PINENE | Fruit Essent. Oil | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--------------------|-------------------|---------|----------|---------------------|--|
| 13 | BETA-PINENE | Shoot | | 7000.0 | 0.36923568596230105 | -- |
| 13 | BETA-EUDES MOL | Leaf Essent. Oil | | 13000.0 | 1.0 | -- |
| 13 | BETA-PINENE | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 13 | PALMITIC-ACID | Fruit | | | | -- |
| 13 | BETA-EUDES MOL | Plant | | | | J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991. |
| 12 | PINENE | Leaf | 1200.0 | 8400.0 | 1.3619605941453428 | -- |
| 11 | GAMMA-TERPINENE | Fruit Essent. Oil | | | | -- |
| 11 | ALPHA-PHELLANDRENE | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 11 | MACROCARPAL-A | Calyx | | 280.0 | | -- |
| 11 | GAMMA-TERPINENE | Leaf Essent. Oil | 1000.0 | 89000.0 | 0.43854490711065486 | -- |
| 11 | MACROCARPAL-A | Leaf | 109.0 | 32000.0 | | -- |
| 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. |
| 11 | ALPHA-PHELLANDRENE | Essential Oil | | 1000.0 | -0.5736860307676445 | -- |
| 11 | ALPHA-PHELLANDRENE | Fruit Essent. Oil | | 83000.0 | 0.7081332746915394 | -- |
| 11 | MACROCARPAL-D | Calyx | | 250.0 | | -- |
| 11 | ALPHA-PHELLANDRENE | Leaf Essent. Oil | 1000.0 | 343000.0 | 0.46075475134298666 | -- |
| 11 | MACROCARPAL-D | Leaf | | 18.0 | | -- |
| 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. |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---------------------|-------------------|---------|----------|----------------------|---|
| 10 | MACROCARPAL-B | Calyx | | 180.0 | | -- |
| 10 | CUMINALDEHYDE | Leaf | 25.0 | 135.0 | 0.2689923506737498 | -- |
| 10 | MACROCARPAL-B | Leaf | 13.0 | 33100.0 | | -- |
| 10 | ERIODICTYOL | Stem Bark | | 0.4 | | -- |
| 10 | CUMINALDEHYDE | Shoot | | 0.1 | -0.32518936983709645 | 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. |
| 9 | DELTA-CADINENE | Leaf Essent. Oil | | | | -- |
| 9 | CAMPHENE | Leaf Essent. Oil | 4000.0 | 5100.0 | -0.6956906319616664 | -- |
| 9 | CAMPHENE | Essential Oil | | 9000.0 | -0.4234452941431629 | -- |
| 9 | CAMPHENE | Fruit Essent. Oil | | | | -- |
| 9 | TERPINOLENE | Leaf Essent. Oil | 1000.0 | 5000.0 | -0.3048955154584189 | -- |
| 9 | CAMPHENE | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 9 | CAMPHENE | Shoot | | 0.1 | -0.1342670938252942 | 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. |
| 9 | BETA-AMYRIN | Wood | | 9.0 | | -- |
| 8 | MACROCARPAL-C | Leaf | 229.0 | 56300.0 | | -- |
| 8 | MACROCARPAL-J | Leaf | | 28.0 | | -- |
| 8 | GENTISIC-ACID | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 8 | MACROCARPAL-I | Leaf | | 23.0 | | -- |
| 8 | MACROCARPAL-H | Leaf | | 23.0 | | -- |
| 8 | CARYOPHYLLENE-OXIDE | Leaf Essent. Oil | | 3000.0 | -0.9728987333753536 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-----------------|---------------------|---------|----------|----------------------|---|
| 8 | ELLAGITANNIN | Leaf | | | | -- |
| 8 | MACROCARPAL-C | Calyx | | 430.0 | | -- |
| 7 | EUCALYPTONE | Leaf | | 27.0 | | -- |
| 7 | PIPERITONE | Shoot | | 1000.0 | -0.03161874369646552 | -- |
| 7 | PIPERITONE | Fruit Essent. Oil | | | | -- |
| 6 | MYRISTIC-ACID | Fruit | | | | -- |
| 6 | MASLINIC-ACID | Leaf | | | | -- |
| 6 | UVAOL | Wood | | 13.0 | | -- |
| 6 | ALPHA-THUJONE | Fruit Essent. Oil | | | | -- |
| 6 | FENCHONE | Fruit Essent. Oil | | | | -- |
| 5 | SABINENE | Fruit Essent. Oil | | | | -- |
| 5 | DAUCOSTEROL | Wood | | 6.0 | | -- |
| 5 | VERBENONE | Fruit Essent. Oil | | | | -- |
| 5 | BETA-ELEMENE | Shoot | | 0.1 | -0.3396749847658091 | 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. |
| 5 | VERBENONE | Shoot | | 1000.0 | 1.181949712897411 | -- |
| 5 | BETA-THUJONE | Fruit Essent. Oil | | | | -- |
| 4 | SAKURANETIN | Resin, Exudate, Sap | | | | -- |
| 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. |
| 3 | AROMADENDRENE | Fruit Essent. Oil | | | | -- |
| 3 | ISOAMYL-ALCOHOL | Leaf | | | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 3 | AROMADENDRENE | Leaf | 50.0 | 350.0 | -0.40806189308755036 | -- |
| 3 | AROMADENDRENE | Leaf Essent. Oil | 8600.0 | 268000.0 | 1.4141831265968194 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---------------------|---------------------|---------|----------|----------------------|--|
| 3 | ALPHA-SELINENE | Leaf Essent. Oil | | 2000.0 | | -- |
| 3 | CITRIODOROL | Plant | | | | -- |
| 3 | BETA-PHELLANDRENE | Leaf Essent. Oil | | 36000.0 | 2.0530780562532986 | -- |
| 3 | BETA-PHELLANDRENE | Essential Oil | | | | -- |
| 3 | CITRIODOROL | Resin, Exudate, Sap | | | | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 3 | BETA-PHELLANDRENE | Fruit Essent. Oil | | 34300.0 | -0.6379877744813619 | -- |
| 3 | AROMADENDRENE | Shoot | | 20000.0 | 6.313001041104233 | -- |
| 3 | ISOAMYL-ALCOHOL | Fruit Essent. Oil | | | | -- |
| 3 | AROMADENDRENE | Essential Oil | | | | -- |
| 2 | TRANS-PINOCARVEOL | Leaf | | | | -- |
| 2 | TRANS-PINOCARVEOL | Shoot | | 16000.0 | 6.8597544992151915 | -- |
| 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. |
| 2 | MACROCARPAL-E | Calyx | | 150.0 | | -- |
| 2 | TRANS-PINOCARVEOL | Essential Oil | | | | -- |
| 2 | BUTYRALDEHYDE | Leaf | | | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 2 | TRANS-PINOCARVEOL | 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. |
| 2 | TRANS-PINOCARVEOL | Leaf Essent. Oil | | 9400.0 | | -- |
| 2 | MYRTENOL | Fruit Essent. Oil | | | | -- |
| 1 | CAPROIC-ACID | Fruit Essent. Oil | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--------------------------------------|-------------------|---------|----------|---------------------|---|
| 1 | VIRIDIFLOROL | Leaf Essent. Oil | | | | -- |
| 1 | QUERCETOL | Plant | | | | J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991. |
| 1 | CALYPTOSIDE | Leaf | | | | -- |
| 1 | 4-HYDROXY-TRITRIACONTANE-16,18-DIONE | Leaf | | 6.0 | | -- |
| 1 | PINOCARVONE | Leaf | | | | -- |
| 1 | VIRIDIFLOROL | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 1 | 2,4,6-TRIMETHOXYPHENOL | Bark | | | | -- |
| 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 | EUGLOBOL-IA2 | Plant | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | GLOBULOL | Leaf Essent. Oil | 13000.0 | 34400.0 | 1.0 | -- |
| 0 | VOMIFOLIOL | Bark | | | | -- |
| 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 | EUGLOBAL-IB | Bud | | | | -- |
| 0 | ACETYLRURSOLIC-ACID | Wood | | 49.0 | | -- |
| 0 | QUERCETRIN | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 0 | ALPHA-GUAIENE | Fruit Essent. Oil | | 31500.0 | 1.0 | -- |
| 0 | EUCALYPTIN | Leaf | | | | -- |
| 0 | EUGLOBAL-IVB | Leaf | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--|------------------|---------|----------|---------------------|--|
| 0 | D-CATECHOL | Bark | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | P-METHOXY-CIS-CINNAMOYL-URSOLIC-ACID | Wood | | 3.3 | | -- |
| 0 | GLOBULOL | Shoot | | 13000.0 | 4.997156125323988 | -- |
| 0 | TRITERPENES | Leaf | 20000.0 | 40000.0 | | Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp. |
| 0 | EUGLOBAL-VII | Plant | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | GERANIOL-ACETATE | Essential Oil | | | | -- |
| 0 | EUGLOBAL-IA2 | Bud | | | | -- |
| 0 | ACETYL-OLEANOLIC-ACID | Wood | | | | -- |
| 0 | QUERCETOL-3-GLUCOSIDE | Plant | | | | J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991. |
| 0 | (+)-LIMONENE | Leaf Essent. Oil | | | | -- |
| 0 | P-METHOXY-CIS-CINNAMOYL-OLEANOLIC-ACID | Wood | | 2.7 | | -- |
| 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. |
| 0 | I-TERPINEOL | Leaf | | | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 0 | LEDOL | Leaf Essent. Oil | | | | -- |
| 0 | TANNINS | Leaf | | 110000.0 | 0.19910226047685284 | -- |
| 0 | EUGLOBAL-IVB | Plant | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | ACETYL-BETULINIC-ACID | Wood | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---|-------------------|---------|----------|----------------------|--|
| 0 | SPATHULENOL | Shoot | | 0.1 | -0.4442085626228723 | 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 | EPIGLOBULOL | Leaf | | 28000.0 | 1.0 | -- |
| 0 | CRYPTONE | Leaf Essent. Oil | 86000.0 | 167000.0 | 1.0 | -- |
| 0 | P-MENTHANE | Fruit Essent. Oil | | | | -- |
| 0 | EO | Shoot | | 21200.0 | 1.0092290806285587 | 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-ACETOXY-11-ALPHA-METHOXY-URS-12-EN-28-OIC-ACID | Wood | | 5.0 | | -- |
| 0 | FLAVONOIDS | Leaf | | | | Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp. |
| 0 | BETA-CARYOPHYLLENE | Shoot | | 0.1 | -0.40976853829945986 | 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 | EUGLOBAL-III | Leaf | | 10.0 | | -- |
| 0 | RHAMNAZIN | Stem Bark | | 0.1 | | -- |
| 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. |
| 0 | EUDESMOL | Fruit Essent. Oil | | | | -- |
| 0 | 8-DEMETHYL-SIDEROXYLIN | Leaf | | | | -- |
| 0 | (-)-TRANS-PINOCARVEOL | Leaf | | | | J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991. |
| 0 | P-DIMETHYL-ALPHA-STYRENE | Shoot | | 3000.0 | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---|-------------------|---------|----------|---------------------|--|
| 0 | GLOBULOL | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 0 | ISOPULEGOLE | Leaf Essent. Oil | | 2000.0 | -1.0 | -- |
| 0 | 3-BETA-23-DIHYDROXY-URS-12-EN-28-OIC-ACID | Wood | | 10.0 | | -- |
| 0 | EUGLOBAL-IIC | Bud | | | | -- |
| 0 | ALPHA-EUDESOL | Leaf Essent. Oil | | 17000.0 | | -- |
| 0 | ELLAGITANNINS | Leaf | | | | Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp. |
| 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. |
| 0 | EUGLOBAL-III | Bud | | 100.0 | | -- |
| 0 | ALPHA-EUDESOL | Plant | | | | J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991. |
| 0 | ERYTHRODIOL | Wood | | 10.0 | | -- |
| 0 | 8-DEMETHYLEUCALYPTIN | Leaf | | | | -- |
| 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. |
| 0 | ISOPROPYLHEXANE | Leaf Essent. Oil | | | | -- |
| 0 | EUGLOBAL-IIB | Bud | | | | -- |
| 0 | ALPHA-COPAENE | Leaf Essent. Oil | | 2000.0 | 1.0 | -- |
| 0 | BORNEOL-ACETATE | Fruit Essent. Oil | | | | -- |
| 0 | EUGLOBAL-IIC | Plant | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | GAMMA-EUDESOL | Leaf Essent. Oil | | 6000.0 | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---------------------------------|---------------------|---------|----------|----------------------|--|
| 0 | TRITRIACONTANE-16,18-DIONE | Leaf Wax | | | | -- |
| 0 | ALPHA-AROMADENDRENE | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |
| 0 | 7-METHOXYAROMADENDRIN | Resin, Exudate, Sap | | | | -- |
| 0 | ALPHA-TERPINEOL ACETATE | Shoot | | 27000.0 | 1.0 | -- |
| 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 | ISOFENCHONE | Leaf Essent. Oil | | 3800.0 | | -- |
| 0 | 16-HYDROXY-TRITRIACONTAN-18-ONE | Leaf | | 7.5 | | -- |
| 0 | CAPROALDEHYDE | 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 | | | | -- |
| 0 | ALPHA-BULNESENE | Fruit Essent. Oil | | 59500.0 | 1.0 | -- |
| 0 | EUGLOBAL-IIB | Plant | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | GAMMA-CADINENE | Leaf Essent. Oil | | 1000.0 | -0.7812021248174129 | -- |
| 0 | TRANS-VERBENOL | Fruit Essent. Oil | | | | -- |
| 0 | ALLO-AROMADENDRINE | Plant | | | | J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991. |
| 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. |
| 0 | D-VERBENONE | Leaf | | | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 0 | EREMOPHILENE | Fruit Essent. Oil | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|------------------------------------|---------------------|---------|----------|---------------------|--|
| 0 | 3-METHOXYAROMADENDRIN | Resin, Exudate, Sap | | | | -- |
| 0 | PRODELPHINIDIN-B5 | Leaf | | | | Takechi, M., Tanaka, Y., Takehara, M., Nonaka, G. I., Nishioka, I. 1985. Structure and Antiherpetic Activity Among the Tannins. <i>Phytochemistry</i> 24 10: 2245-2250. |
| 0 | CIS-TRANS-FARNESOL | Fruit Essent. Oil | | 99500.0 | | -- |
| 0 | ALPHA-TERPINEOL ACETATE | Essential Oil | | | | -- |
| 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. <i>Phytochemistry</i> 24 10: 2245-2250. |
| 0 | EUGLOBAL-IIA | Bud | | | | -- |
| 0 | ALPHA-AROMADENDRENE | Fruit Essent. Oil | | | | -- |
| 0 | TERPIN-1-EN-4-OL | Essential Oil | | 1000.0 | | -- |
| 0 | ALPHA-THUJENE | Shoot | | 0.1 | -0.5551253545718478 | Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264. |
| 0 | VALERALDEHYDE | Leaf | | | | -- |
| 0 | ALLO-AROMADENDRENE | Shoot | | 6000.0 | 7.696423704237425 | -- |
| 0 | EUGLOBAL-IIA | Plant | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | GAMMA-CADINENE | Fruit Essent. Oil | | | | -- |
| 0 | 3-OMETHYLELLAGIC-ACID-4'RHAMNOSIDE | Wood | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | LINALOOL-OXIDE | Leaf Essent. Oil | | 19000.0 | 1.2901099029322407 | -- |
| 0 | D-MYRTENOL | Leaf | | | | Guenther, E., <i>The Essential Oils</i> , 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 0 | EPIGLOBULOL | Leaf Essent. Oil | | | | -- |
| 0 | 3,4,5-TRIMETHOXYPHENOL | Bark | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|------------------------------------|-------------------|---------|----------|----------------------|--|
| 0 | PROANTHOCYANIDIN | Leaf | | | | -- |
| 0 | BETA-CUBEBENE | Leaf Essent. Oil | | 1000.0 | -1.066201785226631 | -- |
| 0 | ALPHA-TERPINEOL ACETATE | Leaf Essent. Oil | | 20900.0 | -0.5243058025418297 | -- |
| 0 | GURJUNENE | Leaf Essent. Oil | | | | -- |
| 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. <i>Phytochemistry</i> 24 10: 2245-2250. |
| 0 | EUGLOBAL-IC | Bud | | | | -- |
| 0 | ALLO-AROMADENDRENE | Essential Oil | | | | -- |
| 0 | BETULIC-ACID-METHYL-ESTER | Wood | | 14.0 | | -- |
| 0 | ALPHA-TERPINYL-ACETATE | Shoot | | 570.0 | -0.09332250978271245 | Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264. |
| 0 | TRITRIACONTANE-16,18-DIONE | Plant | | | | -- |
| 0 | EUGLOBAL-IA1 | Bud | | | | -- |
| 0 | EUGLOBAL-IC | Plant | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | FIXED-OIL | Fruit | | | | -- |
| 0 | 3-OMETHYLELLAGIC-ACID-4'RHAMNOSIDE | Bark | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | LINALOOL-OXIDE | Fruit Essent. Oil | | | | -- |
| 0 | D-MYRTENAL | Leaf | | | | -- |
| 0 | ENGELETIN | Stem Bark | | 2.0 | | -- |
| 0 | BETA-CEDRENE | Leaf Essent. Oil | | | | -- |
| 0 | LEDOL | Shoot | | 2000.0 | 5.981414190504062 | -- |
| 0 | GLOBULOL | Fruit Essent. Oil | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|---|-------------------|---------|----------|---------------------|---|
| 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. <i>Phytochemistry</i> 24 10: 2245-2250. |
| 0 | EUGLOBAL-IC | Leaf | | | | -- |
| 0 | ALLO-AROMADENDRENE | Leaf Essent. Oil | 2000.0 | 8000.0 | -0.9551259469186552 | -- |
| 0 | SIDEROXYLIN | Leaf | | | | -- |
| 0 | ALPHA-GURJUNENE | Leaf Essent. Oil | | 6000.0 | 1.0 | -- |
| 0 | EUGLOBAL-IB | Plant | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | 3-ISOPROPYLIDEN-1-ACETYL-5-CYCLOPENTENE | Leaf | | | | Guenther, E., <i>The Essential Oils</i> , 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 0 | D-LINALOL | Leaf | | | | -- |
| 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. <i>Journal of Essential Oil Res.</i> 4: 259-264. |
| 0 | LINALOOL-ACETATE | Leaf Essent. Oil | | 18000.0 | 0.0303635379763657 | -- |
| 0 | GLOBULOL | Essential Oil | | 69000.0 | 1.0 | -- |
| 0 | (-)-ALPHA-PHELLANDRENE | Leaf Essent. Oil | | | | -- |
| 0 | EUGLOBAL-IB | Leaf | | | | -- |
| 0 | ALLO-AROMADENDRENE | Fruit Essent. Oil | | 233700.0 | 1.0 | -- |
| 0 | SCYLLITOL | Leaf | | | | -- |
| 0 | BETA-TERPINENE | Fruit Essent. Oil | | | | -- |
| 0 | ALPHA-GURJUNENE | Fruit Essent. Oil | | | | -- |
| 0 | D-LINALOOL | Leaf | | | | Leung, A.Y., <i>Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics</i> , John Wiley & Sons, New York, 1980. |
| 0 | EUGLOBAL-IA1 | Plant | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--|------------------|---------|----------|---------------------|--|
| 0 | EUGLOBAL-VII | Bud | | | | -- |
| 0 | TRANS-BETA-OCIMENE | Leaf Essent. Oil | | 1000.0 | -1.3854808535566114 | -- |
| 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. |
| 0 | D-CATECHOL | Wood | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 0 | DIEPIPALUSTROL | Leaf Essent. Oil | | | | -- |
| 0 | P-METHOXY-TRANS-CINNAMOYL-URSOLIC-ACID | Wood | | 4.2 | | -- |
| 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. |
| 0 | LEDOL | Leaf | | | | Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980. |