

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Dictamnus albus*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-----------------|------------|---------|----------|----------------------|--|
| 6 | METHYL-CHAVICOL | Shoot | | 605.0 | 0.6143611465538609 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2 |
| 13 | BETA-PINENE | Shoot | | 0.7 | -0.12105135241214017 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2 |
| 13 | BETA-PINENE | Shoot | | 0.7 | -0.12105135241214017 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2 |
| 13 | BETA-PINENE | Shoot | | 0.5 | -0.12106536201419683 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2 |
| 9 | CAMPHENE | Shoot | | 1.0 | -0.13418405689225413 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2 |
| 9 | CAMPHENE | Shoot | | 0.7 | -0.1342117358699341 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2 |
| 9 | CAMPHENE | Shoot | | 0.7 | -0.1342117358699341 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2 |
| 28 | ALPHA-PINENE | Shoot | | 1.0 | -0.14734877473424204 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2 |

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|------------------|-----------------|------------|---------|----------|----------------------|--|
| 28 | ALPHA-PINENE | Shoot | | 0.7 | -0.14737869431703063 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 28 | ALPHA-PINENE | Shoot | | 0.7 | -0.14737869431703063 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 23 | TERPINEN-4-OL | Shoot | | 43.0 | -0.1493562193908598 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 23 | TERPINEN-4-OL | Shoot | | 43.0 | -0.1493562193908598 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 23 | TERPINEN-4-OL | Shoot | | 3.0 | -0.1659368758696505 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 23 | ALPHA-TERPINEOL | Shoot | | 8.0 | -0.2775891119286786 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 23 | ALPHA-TERPINEOL | Shoot | | 8.0 | -0.2775891119286786 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 23 | ALPHA-TERPINEOL | Shoot | | 2.0 | -0.28377555724046605 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 60 | LIMONENE | Shoot | 13.0 | 17.0 | -0.31978507161872594 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-----------------|------------|---------|----------|----------------------|--|
| 22 | MYRCENE | Shoot | | 1.0 | -0.3411974142696284 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 22 | MYRCENE | Shoot | | 0.7 | -0.34153982473806044 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 22 | MYRCENE | Shoot | | 0.7 | -0.34153982473806044 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 11 | GAMMA-TERPINENE | Shoot | | 40.0 | -0.36669719777677073 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 11 | GAMMA-TERPINENE | Shoot | 6.0 | 40.0 | -0.36669719777677073 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 11 | GAMMA-TERPINENE | Shoot | | 6.0 | -0.39018897698576616 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 6 | METHYL-CHAVICOL | Shoot | | 200.0 | -0.5593004777589394 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 6 | METHYL-CHAVICOL | Shoot | | 200.0 | -0.5593004777589394 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 37 | CARVACROL | Shoot | | 80.0 | -0.6130248632600243 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |

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|------------------|-----------------|------------|---------|----------|---------------------|--|
| 37 | CARVACROL | Shoot | | 80.0 | -0.6130248632600243 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 37 | CARVACROL | Shoot | | 15.0 | -0.6206811135071817 | Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 22 | MYRCENE | Leaf | | | | -- |
| 2 | FRAXINELLONE | Plant | | | | -- |
| 12 | ESTRAGOLE | Plant | | | | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
| 26 | BERGAPTEN | Root | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 34 | DIOSMIN | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 21 | SKIMMIANINE | Leaf | | | | -- |
| 2 | AURAPTEN | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 11 | DICTAMNINE | Root | | 500.0 | | -- |
| 87 | RUTIN | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 6 | METHYL-CHAVICOL | Flower | | | | 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 |
|------------------|-----------------|------------|---------|----------|--------|---|
| 20 | CHOLINE | Root | | | | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| 31 | PSORALEN | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 5 | LIMONIN | Root | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 3 | OBACUNONE | Root | | | | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| 22 | ISOQUERCITRIN | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 34 | MYRICETIN | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 43 | XANTHOTOXIN | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 47 | BETA-SITOSTEROL | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 15 | TRIGONELLINE | Root | | | | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| 9 | TERPINOLENE | Shoot | | | | Baser, K.H.C., Kosar, M. Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2 |
| 2 | FRAXINELLONE | Root | | | | -- |