

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Thuja occidentalis*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|-------------------------|------------|---------|----------|----------------------|-------------------|
| 0 | EO | Branches | 6000.0 | 10000.0 | -0.15743991762596632 | -- |
| 0 | FAT | Seed | | 150000.0 | -0.6077877171137942 | -- |
| 0 | SABINIC-ACID | Branches | | | | -- |
| 0 | D-ALPHA-THUJONE | Branches | | | | -- |
| 18 | OLEIC-ACID | Branches | | | | -- |
| 30 | (+)-CATECHIN | Branches | | | | -- |
| 60 | LIMONENE | Branches | | | | -- |
| 0 | L-ALPHA-FENCHENE | Branches | | | | -- |
| 5 | SABINENE | Branches | | | | -- |
| 0 | D-ALPHA-PINENE | Branches | | | | -- |
| 0 | OCCIDOL | Branches | | | | -- |
| 8 | INOSITOL | Branches | | | | -- |
| 2 | KAEMPFEROL-3-RHAMNOSIDE | Branches | | | | -- |
| 1 | RHODOXANTHIN | Leaf | | | | -- |
| 12 | BORNYL-ACETATE | Branches | | | | -- |
| 0 | OCCIDION | Wood | | | | -- |
| 41 | CAMPHOR | Branches | | | | -- |
| 0 | JUNIPERIC-ACID | Branches | | | | -- |
| 0 | RESINIC-ACID | Branches | | | | -- |
| 0 | BETA-THUJAPLICIN | Wood | | | | -- |
| 0 | OCCIDENTALOL | Wood | | | | -- |
| 9 | CAMPHENE | Branches | | | | -- |
| 5 | ISOVALERIC-ACID | Branches | | | | -- |
| 0 | RESIN | Branches | | | | -- |
| 47 | BETA-SITOSTEROL | Branches | | | | -- |
| 5 | MYRICETIN-3-RHAMNOSIDE | Branches | | | | -- |
| 35 | BORNEOL | Branches | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|---|------------|---------|----------|--------|-------------------|
| 0 | ISOTHUJONE | Branches | | | | -- |
| 0 | QUINOVIGEC-ACID | Plant | | | | -- |
| 13 | BETA-EUDESOL | Wood | | | | -- |
| 0 | MYRICETIN-3-GLYCOSIDE | Branches | | | | -- |
| 1 | VALERIANIC-ACID | Branches | | | | -- |
| 0 | GAMMA-EUDESOL | Wood | | | | -- |
| 44 | QUERCITRIN | Branches | | | | -- |
| 112 | ASCORBIC-ACID | Branches | | | | -- |
| 0 | MYO-INOSITOL | Branches | | | | -- |
| 0 | THAPSIC-ACID | Branches | | | | -- |
| 13 | FORMIC-ACID | Branches | | | | -- |
| 0 | PINOTANNIC-ACID | Branches | | | | -- |
| 1 | ALPHA-THUJAPLICIN | Wood | | | | -- |
| 3 | MUCILAGE | Branches | | | | -- |
| 18 | TERPINEOL | Branches | | | | -- |
| 0 | PINOPICRIN | Branches | | | | -- |
| 0 | ALPHA-EUDESOL | Wood | | | | -- |
| 0 | L-LEUKANTHELMITOL | Branches | | | | -- |
| 35 | TANNIN | Branches | | 59000.0 | | -- |
| 5 | PINITOL | Branches | | | | -- |
| 16 | ACETIC-ACID | Branches | | | | -- |
| 0 | L-FENCHONE | Branches | | | | -- |
| 0 | SEQUOYITOL | Branches | | | | -- |
| 0 | D-CHIRO-INOSITOL | Branches | | | | -- |
| 0 | PENTAHYDROXYFLAVONE -3'-BETA-GLYCOSIDE | Plant | | | | -- |
| 0 | 10-NONACOSANOL | Branches | | | | -- |
| 3 | (-)-BORNEOL | Branches | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|-----------------|------------|---------|----------|--------|-------------------|
| 0 | L-ALPHA-THUJENE | Branches | | | | -- |