

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Uncaria tomentosa*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|----------------------|------------|---------|----------|--------|---|
| 38 | (-)-EPICATECHIN | Bark | | 25.0 | 1.0 | -- |
| 3 | AKUAMMIGINE | Root | | 300.0 | | -- |
| 3 | AKUAMMIGINE | Leaf | | 9200.0 | | -- |
| 1 | ALLOISOPTEROPODINE | Root | | | | -- |
| 1 | ALLOPTEROPODINE | Root | | | | -- |
| 1 | ANGUSTINE | Leaf | | | | -- |
| 47 | BETA-SITOSTEROL | Bark | | | | -- |
| 2 | CAMPESTEROL | Bark | | | | -- |
| 77 | CHLOROGENIC-ACID | Bark | | | | Van Ginkel, A. 1996. Identification of the Alkaloids and Flavonoids from <i>Uncaria tomentosa</i> Bark by TLC in Quality Control. <i>Phytotherapy Research</i> , 10: S18-S19. |
| 1 | CORYNOXEINE | Root | | 510.0 | | -- |
| 1 | CORYNOXEINE | Leaf | | 190.0 | | -- |
| 7 | DIHYDROCORYNANTHEINE | Root | | 710.0 | | -- |
| 7 | DIHYDROCORYNANTHEINE | Leaf | | 800.0 | | -- |
| 3 | HIRSUTEINE | Root | | 190.0 | | -- |
| 3 | HIRSUTEINE | Leaf | | 140.0 | | -- |
| 8 | HIRSUTINE | Root | | 800.0 | | -- |
| 8 | HIRSUTINE | Leaf | | 330.0 | | -- |
| 1 | ISOCORYNOXEINE | Leaf | | 600.0 | | -- |
| 1 | ISOCORYNOXEINE | Root | | 950.0 | | -- |
| 3 | ISOMITRAPHYLLINE | Root Bark | | | | -- |
| 3 | ISOMITRAPHYLLINE | Root | | 3300.0 | | -- |
| 3 | ISOMITRAPHYLLINE | Stem Bark | | 20.0 | | -- |
| 3 | ISOMITRAPHYLLINE | Leaf | | 25000.0 | | -- |
| 3 | ISOPTEROPODINE | Root | 19.3 | 2800.0 | | -- |
| 3 | ISOPTEROPODINE | Leaf | | 3100.0 | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|--------------------|------------|---------|----------|--------|--|
| 3 | ISOPTEROPODINE | Stem Bark | 60.0 | 630.0 | | -- |
| 3 | ISOPTEROPODINE | Root Bark | | | | -- |
| 15 | ISORHYNCHOPHYLLINE | Root | 45.5 | 21600.0 | | -- |
| 15 | ISORHYNCHOPHYLLINE | Leaf | | 22200.0 | | -- |
| 15 | ISORHYNCHOPHYLLINE | Root Bark | | | | -- |
| 12 | MITRAPHYLLINE | Stem Bark | 30.0 | 500.0 | | -- |
| 12 | MITRAPHYLLINE | Root | | 5000.0 | | -- |
| 12 | MITRAPHYLLINE | Leaf | | 10900.0 | | -- |
| 12 | MITRAPHYLLINE | Root Bark | | | | -- |
| 12 | MITRAPHYLLINE | Bark | | | | -- |
| 64 | OLEANOLIC-ACID | Plant | | | | -- |
| 64 | OLEANOLIC-ACID | Root Bark | 100.0 | 150.0 | 1.0 | -- |
| 3 | PTEROPODINE | Root Bark | | | | -- |
| 3 | PTEROPODINE | Leaf | | 4800.0 | | -- |
| 3 | PTEROPODINE | Stem Bark | 50.0 | 3000.0 | | -- |
| 3 | PTEROPODINE | Root | | 5600.0 | | -- |
| 3 | PTEROPODINE | Bark | | | | -- |
| 23 | RHYNCHOPHYLLINE | Root | 23.3 | 10300.0 | | -- |
| 23 | RHYNCHOPHYLLINE | Leaf | | 7700.0 | | -- |
| 23 | RHYNCHOPHYLLINE | Root Bark | | | | -- |
| 87 | RUTIN | Bark | | | | Van Ginkel, A. 1996. Identification of the Alkaloids and Flavonoids from Uncaria tomentosa Bark by TLC in Quality Control. Phytotherapy Research, 10: S18-S19. |
| 1 | SPECIOPHYLLINE | Stem Bark | 80.0 | 1600.0 | | -- |
| 1 | SPECIOPHYLLINE | Root | | 6600.0 | | -- |
| 1 | SPECIOPHYLLINE | Bark | | | | -- |
| 1 | SPECIOPHYLLINE | Leaf | | 10800.0 | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|----------------|------------|---------|----------|--------|--------------------------|
| 1 | SPECIOPHYLLINE | Root Bark | | | | -- |
| 12 | STIGMASTEROL | Bark | | | | -- |
| 1 | UNCARINE-F | Plant | | | | Fernando Cabieses, 1994. |
| 1 | UNCARINE-F | Root Bark | | | | -- |
| 1 | UNCARINE-F | Stem Bark | 30.0 | 630.0 | | -- |
| 1 | UNCARINE-F | Leaf | | 2800.0 | | -- |
| 1 | UNCARINE-F | Root | | 3100.0 | | -- |
| 89 | URSOLIC-ACID | Plant | | | | -- |