

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Minthostachys mollis*

| Activities Count | Chemical           | Plant Part | Low PPM | High PPM | StdDev               | Reference Citation  |
|------------------|--------------------|------------|---------|----------|----------------------|---|
| 0                | (E)-BETA-OCIMENE   | Shoot      | 3.0     | 18.0     | -0.449757163830516   | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo ( <i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 0                | (Z)-BETA-OCIMENE   | Shoot      | 4.0     | 8.0      | -0.4108618286345592  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo ( <i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 2                | ALPHA-HUMULENE     | Shoot      | 1.0     | 5.0      | -0.3753272731074622  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo ( <i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 28               | ALPHA-PINENE       | Shoot      | 2.0     | 4.0      | -0.14704957890635523 | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo ( <i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 0                | BETA-CARYOPHYLLENE | Shoot      | 11.0    | 32.0     | -0.34509629975614076 | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo ( <i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 13               | BETA-PINENE        | Shoot      | 3.0     | 5.0      | -0.12075014596792293 | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo ( <i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 0                | EO                 | Shoot      | 700.0   | 900.0    | -0.8697323384371578  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo ( <i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 1                | ISOMENTHOL         | Shoot      | 3.0     | 9.0      | -0.8898049539423009  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo ( <i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 3                | ISOMENTHONE        | Shoot      | 23.0    | 44.0     | -0.5257944334454286  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo ( <i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 0                | ISOMENTHYL-ACETATE | Shoot      | 95.0    | 230.0    | 1.0                  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo ( <i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |

| Activities Count | Chemical           | Plant Part | Low PPM | High PPM | StdDev               | Reference Citation  |
|------------------|--------------------|------------|---------|----------|----------------------|---|
| 60               | LIMONENE           | Shoot      | 4.0     | 10.0     | -0.32334841508512013 | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo (Menthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 63               | MENTHOL            | Shoot      | 120.0   | 215.0    | -0.3209064391600091  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo (Menthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 30               | MENTHONE           | Shoot      | 130.0   | 265.0    | -0.7764103468166994  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo (Menthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 2                | MENTHYL-ACETATE    | Shoot      | 0.5     | 1.0      | -0.7209744148595251  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo (Menthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 22               | MYRCENE            | Shoot      | 0.4     | 0.5      | -0.34176809838368183 | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo (Menthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 2                | NEOMENTHOL         | Shoot      | 180.0   | 300.0    | 1.9250329226916154   | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo (Menthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 0                | NEOMENTHYL-ACETATE | Shoot      | 16.0    | 28.0     |                      | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo (Menthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 7                | PIPERITONE         | Shoot      | 50.0    | 100.0    | -0.2069219682782612  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo (Menthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 28               | PULEGONE           | Shoot      | 3.0     | 10.0     | -0.26894472984943396 | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo (Menthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |
| 5                | SABINENE           | Shoot      | 1.0     | 2.0      | -0.2937925662358635  | Alkire, B.H., Tucker, A.O., and Maciarello, M.J. 1994. Tipo (Menthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64. |