

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Pinellia ternata*

| Activities Count | Chemical                             | Plant Part | Low PPM | High PPM | StdDev               | Refernce Citation |
|------------------|--------------------------------------|------------|---------|----------|----------------------|-------------------|
| 5                | STARCH                               | Tuber      |         | 690000.0 | 0.9475041199740651   | --                |
| 0                | PROTEIN                              | Tuber      |         | 46000.0  | -1.4556083401656252  | --                |
| 28               | CALCIUM                              | Tuber      | 4180.0  | 10000.0  | 1.8047582353527853   | --                |
| 1                | SODIUM                               | Tuber      | 192.0   | 2200.0   | 1.5426667001863383   | --                |
| 14               | POTASSIUM                            | Tuber      | 480.0   | 1940.0   | -1.0338380943506655  | --                |
| 65               | MAGNESIUM                            | Tuber      | 560.0   | 710.0    | -0.702991536533222   | --                |
| 0                | EO                                   | Tuber      | 30.0    | 130.0    |                      | --                |
| 6                | IRON                                 | Tuber      | 70.0    | 95.0     | -0.4482324427087058  | --                |
| 14               | MANGANESE                            | Tuber      | 11.0    | 46.0     | -0.16318968953636295 | --                |
| 77               | ZINC                                 | Tuber      | 14.0    | 18.0     | -0.5534310602663841  | --                |
| 12               | COPPER                               | Tuber      | 2.0     | 4.0      | -1.1062652099209485  | --                |
| 13               | L-EPHEDRINE                          | Stem       |         |          |                      | --                |
| 0                | ISOOLEIC-ACID                        | Tuber      |         |          |                      | --                |
| 20               | CHOLINE                              | Stem       |         |          |                      | --                |
| 1                | SERINE                               | Tuber      |         |          |                      | --                |
| 4                | CALCIUM-OXALATE                      | Tuber      |         |          |                      | --                |
| 0                | HOMOGENITISIC-ACID-GLUCOSIDE         | Tuber      |         |          |                      | --                |
| 2                | HOMOGENITISIC-ACID                   | Tuber      |         |          |                      | --                |
| 0                | BETA-SITOSTEROL-3-O-BETA-D-GLUCOSIDE | Tuber      |         |          |                      | --                |
| 13               | PALMITIC-ACID                        | Tuber      |         |          |                      | --                |
| 12               | GLYCINE                              | Tuber      |         |          |                      | --                |
| 47               | BETA-SITOSTEROL                      | Tuber      |         |          |                      | --                |
| 5                | ORNITHINE                            | Tuber      |         |          |                      | --                |
| 8                | GLUTAMIC-ACID                        | Tuber      |         |          |                      | --                |
| 3                | ASPARTIC-ACID                        | Tuber      |         |          |                      | --                |
| 18               | OLEIC-ACID                           | Tuber      |         |          |                      | --                |
| 14               | ARGININE                             | Tuber      |         |          |                      | --                |

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|------------------|---------------------------------------|------------|---------|----------|--------|-------------------|
| 0                | DELTA-6-OCTADECENOIC-ACID             | Tuber      |         |          |        | --                |
| 0                | 3,4-DIHYDROXYBENZALDEHYDE-DIGLUCOSIDE | Tuber      |         |          |        | --                |
| 0                | D-GLUCURONIC-ACID                     | Tuber      |         |          |        | --                |
| 8                | STEARIC-ACID                          | Tuber      |         |          |        | --                |
| 0                | 3,4-DIHYDROXYBENZALDEHYDE             | Tuber      |         |          |        | --                |
| 0                | L-RHAMNOSE                            | Tuber      |         |          |        | --                |
| 1                | D-GLUCOSE                             | Tuber      |         |          |        | --                |