

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Aconitum carmichaelii*

| Activities Count | Chemical                | Plant Part | Low PPM | High PPM | StdDev              | Refernce Citation |
|------------------|-------------------------|------------|---------|----------|---------------------|-------------------|
| 0                | 14-O-ACETYLTALATIZAMINE | Root       |         |          |                     | --                |
| 26               | ACONITINE               | Root       |         |          |                     | --                |
| 0                | ALKALOIDS               | Root       | 5000.0  | 10000.0  | -0.4327405717312477 | --                |
| 2                | ARSENIC                 | Tuber      |         | 0.77     | 0.1671723892563164  | --                |
| 3                | ATISINE                 | Root       |         |          |                     | --                |
| 28               | CALCIUM                 | Tuber      |         | 2550.0   | -0.3913732265154976 | --                |
| 0                | CARMICHAELINE           | Plant      |         |          |                     | --                |
| 12               | COPPER                  | Tuber      |         | 12.0     | 0.02353755765789269 | --                |
| 0                | FUZILINE                | Root       |         |          |                     | --                |
| 0                | HOKBUSINE               | Plant      |         |          |                     | --                |
| 0                | HOKBUSINE-B             | Plant      |         |          |                     | --                |
| 0                | HYGENAMINE              | Root       |         |          |                     | --                |
| 4                | HYPACONITINE            | Root       |         |          |                     | --                |
| 0                | HYPOGNAVINE             | Root       |         |          |                     | --                |
| 0                | IGNAVINE                | Root       |         |          |                     | --                |
| 6                | IRON                    | Tuber      |         | 310.0    | 1.5925435023297543  | --                |
| 0                | ISOTALATIZIDINE         | Root       |         |          |                     | --                |
| 5                | JESACONITINE            | Root       |         |          |                     | --                |
| 0                | KARACOLINE              | Root       |         |          |                     | --                |
| 0                | KOBUSINE                | Root       |         |          |                     | --                |
| 65               | MAGNESIUM               | Tuber      |         | 490.0    | -0.8817870718364693 | --                |
| 14               | MANGANESE               | Tuber      |         | 18.0     | -0.5287345940978156 | --                |
| 13               | MESACONITINE            | Root       |         |          |                     | --                |
| 4                | NAPELLINE               | Root       |         |          |                     | --                |
| 2                | NEOLINE                 | Root       |         |          |                     | --                |
| 14               | POTASSIUM               | Tuber      |         | 170.0    | -1.1712060219760396 | --                |
| 0                | SENBUSINE-A             | Root       |         |          |                     | --                |

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|------------------|--------------|------------|---------|----------|---------------------|-------------------|
| 0                | SENBUSINE-B  | Root       |         |          |                     | --                |
| 0                | SENBUSINE-C  | Root       |         |          |                     | --                |
| 1                | SODIUM       | Tuber      |         | 204.0    | -0.7638222388188537 | --                |
| 0                | SONGORINE    | Root       |         |          |                     | --                |
| 0                | TALITAZAMINE | Root       |         |          |                     | --                |
| 77               | ZINC         | Tuber      |         | 13.0     | -0.8165520080950929 | --                |