

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Platycodon grandiflorum*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|--|------------|----------|----------|----------------------|-------------------|
| 0 | 2-METHOXYMETHYL-PLATYCONATE-A | Plant | | | | -- |
| 0 | 3-O-BETA-GLUCOSYLPLATYCODIGENIN | Root | | | | -- |
| 2 | ALPHA-SPINASTEROL | Root | | | | -- |
| 0 | ALPHA-SPINASTEROL-GLUCOSIDE | Root | | | | -- |
| 0 | ALPHA-SPINASTERYL-BETA-D-GLUCOPYRANOSIDE | Root | | | | -- |
| 0 | ARABINOSE | Root | | | | -- |
| 2 | ARSENIC | Root | | 0.29 | -0.19519056833834098 | -- |
| 112 | ASCORBIC-ACID | Root | | | | -- |
| 0 | ASH | Root | 15000.0 | 20000.0 | -1.3580644917304137 | -- |
| 53 | BETA-CAROTENE | Root | | | | -- |
| 13 | BETULIN | Root | | | | -- |
| 28 | CALCIUM | Root | 180.0 | 5240.0 | -0.23686610183948517 | -- |
| 0 | CARBOHYDRATES | Root | 710000.0 | 937000.0 | 1.372793355453046 | -- |
| 12 | COPPER | Root | 6.0 | 10.0 | -0.19046144529974124 | -- |
| 0 | DEAPIOPLATYCODIN-D | Root | | | | -- |
| 0 | DEAPIOPLATYCODIN-D-3 | Root | | | | -- |
| 0 | FAT | Root | 9000.0 | 12000.0 | -0.3628266246094502 | -- |
| 15 | FIBER | Root | 89000.0 | 117000.0 | 0.6415565103370647 | -- |
| 7 | GLUCOSE | Root | | | | -- |
| 19 | INULIN | Root | | | | -- |
| 6 | IRON | Root | 62.0 | 200.0 | -0.15109510767581333 | -- |
| 0 | KILOCALORIES | Root | 2870.0 | 3790.0 | 0.9325990878892336 | -- |
| 65 | MAGNESIUM | Root | 1250.0 | 1510.0 | -0.5595324824341601 | -- |
| 14 | MANGANESE | Root | 24.0 | 30.0 | -0.18764544346000825 | -- |
| 39 | NIACIN | Root | 78.0 | 103.0 | 1.5291380859778347 | -- |

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|------------------|---------------------|------------|---------|----------|----------------------|-------------------|
| 4 | PHOSPHORUS | Root | 1890.0 | 2493.0 | -0.18005686410508445 | -- |
| 0 | PLATYCODIGENIN | Root | | | | -- |
| 15 | PLATYCODIN | Root | | 20000.0 | | -- |
| 0 | PLATYCODIN-A | Root | | | | -- |
| 0 | PLATYCODIN-C | Root | | | | -- |
| 0 | PLATYCODIN-D | Root | | | | -- |
| 0 | PLATYCODIN-D-2 | Root | | | | -- |
| 0 | PLATYCODIN-D-3 | Root | | | | -- |
| 0 | PLATYCODONIN | Root | | | | -- |
| 0 | PLATYCODOSIDE-C | Root | | | | -- |
| 0 | PLATYCOGENIC-ACID-A | Root | | | | -- |
| 0 | PLATYCOGENIC-ACID-B | Root | | | | -- |
| 0 | PLATYCOGENIC-ACID-C | Root | | | | -- |
| 0 | PLATYCONIC-ACID-A | Root | | | | -- |
| 0 | PLATYCONIN | Root | | | | -- |
| 0 | POLYGALACIC-ACID | Root | | | | -- |
| 0 | POLYGALACIN-D | Root | | | | -- |
| 0 | POLYGALACIN-D-2 | Root | | | | -- |
| 14 | POTASSIUM | Root | 4520.0 | 6660.0 | -0.6677085850083517 | -- |
| 0 | PROTEIN | Root | 24000.0 | 32000.0 | -0.9703777238996427 | -- |
| 0 | RHAMNOSE | Root | | | | -- |
| 15 | RIBOFLAVIN | Root | 3.9 | 4.7 | 0.13687585484454715 | -- |
| 5 | SAPONINS | Root | | 20000.0 | -0.6445017907060011 | -- |
| 1 | SODIUM | Root | 243.0 | 472.0 | -0.29300220703471264 | -- |
| 0 | STIGMAST-7-ENOL | Root | | | | -- |
| 31 | THIAMIN | Root | 1.0 | 1.3 | -0.4780998829934966 | -- |
| 0 | WATER | Root | | 242000.0 | -3.450954051909753 | -- |

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|------------------|----------|------------|---------|----------|----------------------|-------------------|
| 3 | XYLOSE | Root | | | | -- |
| 77 | ZINC | Root | 13.0 | 18.0 | -0.27058763773169275 | -- |