

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Belamcanda chinensis*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--|------------|---------|----------|----------------------|---|
| 0 | (+)-(6R,10S,11S,14S,26R)-26-HYDROXY-15-METHYLIDENE-SPIROID-16-ENAL | Rhizome | | | | -- |
| 0 | 16-O-ACETYL-ISOIRIDOGERMANAL | Rhizome | | | | -- |
| 0 | 28-DEACETYL-BELAMCANDIN | Rhizome | | | | -- |
| 0 | 3-PHENYL-4H-1-BENZOPYRAN-4-ONE | Rhizome | | | | -- |
| 0 | 5,3'-DIHYDROXY-4',5'-DIMETHOXY-6,7-METHYLENE-DIOXYISOFLAVONE | Rhizome | | | | -- |
| 0 | 5,7,3'-TRIHYDROXY-8,4'-DIMETHOXYISOFLAVONE | Rhizome | | | | -- |
| 2 | ARSENIC | Rhizome | | 0.12 | -0.3489249198821658 | Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272. |
| 0 | BELAMCANDIN | Rhizome | | | | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| 0 | BELAMCANDOQUINONE-A | Rhizome | | | | -- |
| 0 | BELAMCANDOQUINONE-B | Rhizome | | | | -- |
| 0 | BELAMCANGENIN-O-GLUCOSIDE | Root | | | | -- |
| 0 | BELAMCANGENIN-O-GLUCOSIDE | Plant | | | | Wealth of India. |
| 0 | BELAMCANIDIN | Rhizome | | | | -- |
| 28 | CALCIUM | Rhizome | | 6170.0 | -0.16451076230734063 | Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272. |
| 12 | COPPER | Rhizome | | 6.0 | -1.0163354197605934 | Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272. |
| 0 | DIMETHYL-TECTORIGENIN | Rhizome | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|-------------------------------------|------------|---------|----------|---------------------|---|
| 10 | IRIDIN | Rhizome | | | | -- |
| 4 | IRIGENIN | Rhizome | | | | -- |
| 4 | IRIGENIN | Plant | | | | -- |
| 1 | IRIGENIN-7-O-GLUCOSIDE | Rhizome | | | | -- |
| 0 | IRISFLORENTIN | Rhizome | | | | -- |
| 0 | IRISOLIDONE | Rhizome | | | | -- |
| 3 | IRISTECTORIGENIN-A | Rhizome | | | | -- |
| 0 | IRISTECTORIGENIN-B | Rhizome | | | | -- |
| 6 | IRON | Rhizome | | 150.0 | -0.6307694628192408 | Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272. |
| 0 | ISOFLAVONES | Rhizome | | | | -- |
| 0 | ISOIRIDOGERMANAL | Rhizome | | | | -- |
| 0 | LEUCOANTHOCYANINS | Flower | | | | Wealth of India. |
| 65 | MAGNESIUM | Rhizome | | 970.0 | -0.6940194547664181 | Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272. |
| 14 | MANGANESE | Rhizome | | 13.0 | -0.7510885499467785 | Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272. |
| 18 | MANGIFERIN | Flower | | | | Wealth of India. |
| 0 | METHYL-IRISOLIDONE | Rhizome | | | | -- |
| 0 | MUNINGIN | Rhizome | | | | -- |
| 0 | NORIRISFLORENTIN | Rhizome | | | | -- |
| 0 | PENTAHYDROXY-MONOMETHOXY-ISOFLAVONE | Rhizome | | | | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |

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|------------------|--------------|------------|---------|----------|-----------------------|---|
| 14 | POTASSIUM | Rhizome | | 8940.0 | -0.4465620139140058 | Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272. |
| 7 | RHAMNOCITRIN | Rhizome | | | | -- |
| 0 | SHEKANNIN | Root | | | | -- |
| 1 | SODIUM | Rhizome | | 527.0 | -0.022101018310924623 | Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272. |
| 1 | TECTORIDIN | Rhizome | | 15000.0 | | -- |
| 5 | TECTORIGENIN | Rhizome | | | | Chemical Constituents of Oriental Herbs (3 diff. books) |
| 77 | ZINC | Rhizome | | 17.0 | -0.39975661555947134 | Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272. |