

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Nandina domestica*

| Activity Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|----------------|-----------------------|------------|---------|----------|----------------------|--|
| 0 | (-)-EPISYRINGARESINOL | Plant | -- | -- | | |
| 3 | ACETONE | Plant | -- | -- | | |
| 0 | ALKALOIDS | Seed | -- | 7000 | -0.45327635430737023 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| 18 | AMENTOFLAVONE | Leaf | -- | -- | | |
| 112 | ASCORBIC-ACID | Leaf | -- | 100 | -0.43464137123731794 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| 0 | ASH | Seed | -- | 27000 | -0.6280243315663969 | |
| 130 | BERBERINE | Plant | -- | -- | | |
| 0 | CALISTEPHIN | Plant | -- | -- | | |
| 0 | DEHYDRONANTENINE | Plant | -- | -- | | |
| 0 | DOMESTICINE | Plant | -- | -- | | |
| 0 | FAT | Seed | -- | -- | | |
| 7 | FUMARIC-ACID | Plant | -- | -- | | |
| 9 | HCN | Plant | -- | -- | | |
| 1 | HYDROXYPROLINE | Plant | -- | -- | | |

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|----------------|-----------------------------|------------|---------|----------|--------|--|
| 5 | ISOBOLDINE | Plant | -- | -- | | |
| 5 | ISOCORYDINE | Plant | -- | -- | | |
| 0 | ISODOMESTICINE | Plant | -- | -- | | |
| 13 | JATRORRHIZINE | Plant | -- | -- | | |
| 10 | LIGNANS | Plant | -- | -- | | |
| 11 | MAGNOFLORINE | Plant | -- | -- | | |
| 0 | MENISPERMINE | Plant | -- | -- | | |
| 0 | N-METHYLISOCORYDINIUM | Plant | -- | -- | | |
| 0 | NANDAZURINE | Bark | -- | -- | | |
| 0 | NANDAZURINE | Plant | -- | -- | | |
| 0 | NANDINENE | Plant | -- | -- | | |
| 4 | NANTENINE | Plant | -- | -- | | |
| 4 | NANTENINE | Seed | -- | 5000 | | |
| 0 | O-METHYLDOMESTICINE | Bark | -- | -- | | |
| 0 | O-METHYLDOMESTICINE | Plant | -- | -- | | |
| 1 | P-GLUCOSYLOXYMANDELONITRILE | Shoot | 100000 | 200000 | | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |

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|----------------|---|------------|---------|----------|----------------------|--|
| 0 | P-GLUCOSYLOXYMANDELONITRILE-4'-CAFFEIC-ACID-ESTER | Shoot | -- | -- | | Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp. |
| 0 | PELARGONIDIN-3-XYLOSYLGLUCOSIDE | Plant | -- | -- | | |
| 0 | PROTEIN | Seed | -- | 200000 | -0.30063352286822675 | |
| 24 | PROTOPINE | Plant | -- | -- | | |
| 1 | SINOACUTINE | Bark | -- | -- | | |