

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Atropa bella-donna*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|--|------------|---------|----------|----------------------|-------------------|
| 35 | TANNIN | Root | | 120000.0 | 1.3566088761423356 | -- |
| 0 | ALKALOIDS | Leaf | 1000.0 | 12000.0 | 0.19670161812625908 | -- |
| 0 | ALKALOIDS | Root | 4000.0 | 8800.0 | -0.49138826691893706 | -- |
| 27 | HYOSCYAMINE | Root | 2000.0 | 8712.0 | 1.7991968133910792 | -- |
| 0 | L-HYOSCYAMINE | Root | 3080.0 | 7656.0 | | -- |
| 41 | SCOPOLAMINE | Root | 40.0 | 88.0 | -0.7128664244070336 | -- |
| 0 | HELLARADINE | Root | | 20.0 | | -- |
| 0 | CUSCOHYGRINE | Root | | | | -- |
| 0 | QUERCETIN-7- GLUCOSIDE-3- RHAMNOGLUCOSIDE | Leaf | | | | -- |
| 0 | L-SCOPOLAMINE | Root | | | | -- |
| 20 | CHOLINE | Root | | | | -- |
| 0 | QUERCETIN-7- GLUCOSIDE-3- RHAMNOGALACTOSIDE | Leaf | | | | -- |
| 0 | L-SCOPOLAMINE | Leaf | | | | -- |
| 22 | UMBELLIFERONE | Root | | | | -- |
| 0 | BELLARIDINE | Plant | | | | -- |
| 3 | PYRIDINE | Root | | | | -- |
| 1 | TROPINE | Root | | | | -- |
| 1 | BELLADONNINE | Root | | | | -- |
| 2 | PHYTOSTEROLS | Root | | | | -- |
| 0 | KAEMPFEROL-7- GLUCOSIDE-3- RHAMNOGLUCOSIDE | Leaf | | | | -- |
| 0 | TROPACOCAINE | Root | | | | -- |
| 1 | BELLADONNINE | Leaf | | | | -- |
| 0 | NORHYOSCYAMINE | Root | | | | -- |
| 0 | KAEMPFEROL-7- GLUCOSIDE-3- RHAMNOGALACTOSIDE | Leaf | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|-------------------------|------------|---------|----------|--------|-------------------|
| 51 | ATROPINE | Root | | | | -- |
| 0 | NORATROPINE | Root | | | | -- |
| 7 | SUCCINIC-ACID | Leaf | | | | -- |
| 0 | ATROPAMINE | Root | | | | -- |
| 21 | NICOTINE | Leaf | | | | -- |
| 7 | HOMATROPINE | Root | | | | -- |
| 5 | STARCH | Root | | | | -- |
| 0 | ATROPAMINE | Leaf | | | | -- |
| 0 | METHYLPYRROLIDINE | Root | | | | -- |
| 44 | SCOPOLETIN | Root | | | | -- |
| 2 | ASPARAGINE | Root | | | | -- |
| 0 | METHYL-PYRROLINE | Root | | | | -- |
| 30 | ESCULETIN | Plant | | | | -- |
| 2 | APOATROPINE | Plant | | | | -- |
| 0 | METELOIDINE | Root | | | | -- |
| 0 | DELTA-N-METHYLORNITHINE | Plant | | | | -- |
| 0 | SCOPINE | Root | | | | -- |
| 0 | LEUKATROPINIC-ACID | Root | | | | -- |