

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Leonurus cardiaca

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|---|------------|---------|----------|--------|--|
| 0 | LEONURIDINE | Plant | | | | -- |
| 20 | CHOLINE | Plant | | | | -- |
| 0 | QUINQUELOSIDE | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 0 | AJUGOL | Plant | | | | J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991. |
| 0 | LEONURIDE | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 43 | CATECHIN | Plant | | | | -- |
| 0 | CAFFEIC-ACID-4-RUTINOSIDE | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 44 | QUERCITRIN | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 0 | 8-BETA-ACETOXY-9ALPHA,13ALPHA,15,16-BIEPOXY...LABDANOLIDE | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|----------------------|------------|---------|----------|--------|--|
| 0 | LEOCARDIN | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 0 | BUFENOLIDE | Plant | | | | -- |
| 176 | QUERCETIN | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 0 | 411/ | Plant | | | | -- |
| 0 | KAEMPFEROL-GLUCOSIDE | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 0 | VIT-E | Plant | | | | -- |
| 0 | PYROGALLIC-TANNIN | Plant | | | | -- |
| 2 | 3-OCTANOL | Plant | | | | -- |
| 22 | ISOQUERCITRIN | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 89 | URSOLIC-ACID | Plant | | | | -- |
| 30 | HYPEROSIDE | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 64 | OLEANOLIC-ACID | Plant | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|------------------|--------------------|------------|---------|----------|----------------------|--|
| 0 | GLURIDOSUDE | Plant | | | | J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991. |
| 1 | STACHYOSE | Root | | | | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses |
| 0 | APIGENIN-GLUCOSIDE | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 8 | MARRUBIIN | Plant | | | | -- |
| 3 | GENKWANIN | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 6 | STACHYDRINE | Plant | | | | -- |
| 15 | MALIC-ACID | Plant | | | | -- |
| 0 | SAPONIN | Plant | | | | -- |
| 87 | RUTIN | Plant | | | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 4 | LEONURINE | Plant | | | | -- |
| 23 | CITRIC-ACID | Plant | | | | -- |
| 0 | RESIN | Plant | | | | -- |
| 0 | AJUGOSIDE | Plant | | | | J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991. |
| 24 | BENZALDEHYDE | Plant | | 1.0 | -1.2925553226400937 | -- |
| 60 | LIMONENE | Plant | | 2.0 | -0.48457472265246676 | -- |
| 13 | BETA-PINENE | Plant | 1.0 | 2.0 | -0.43332714161894864 | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|----------------|------------|---------|----------|----------------------|-------------------|
| 0 | LINALOL | Plant | 1.0 | 4.0 | -0.4313107276638502 | -- |
| 28 | ALPHA-PINENE | Plant | 6.0 | 28.0 | -0.4616601790578231 | -- |
| 112 | ASCORBIC-ACID | Plant | | 42.0 | -0.5838258717913186 | -- |
| 2 | ALPHA-HUMULENE | Plant | 35.0 | 175.0 | 0.9333590425103838 | -- |
| 31 | CARYOPHYLLENE | Plant | 40.0 | 200.0 | -0.3114032175848197 | -- |
| 0 | EO | Plant | 100.0 | 500.0 | -0.7021294757792322 | -- |
| 0 | ALKALOIDS | Plant | | 3500.0 | -0.3437343464790355 | -- |
| 35 | TANNIN | Plant | 21000.0 | 90000.0 | 0.09291261850435828 | -- |
| 0 | PROTEIN | Seed | | 223000.0 | -0.09603661167330114 | -- |
| 0 | FAT | Seed | | 302000.0 | 0.19285065316332026 | -- |