

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Rubia cordifolia*

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|--|------------|---------|----------|----------------------|-------------------|
| 28 | CALCIUM | Root | | 37800.0 | 3.3290414124697065 | -- |
| 77 | ZINC | Root | | 39.0 | 0.6491639685186761 | -- |
| 6 | IRON | Root | | 720.0 | 0.6043559454703297 | -- |
| 14 | MANGANESE | Root | | 94.0 | 0.5765741303401087 | -- |
| 12 | COPPER | Root | | 15.0 | 0.36307419050615025 | -- |
| 2 | ARSENIC | Root | | 1.1 | -0.16089461164548705 | -- |
| 14 | POTASSIUM | Root | | 12600.0 | -0.23276140649713947 | -- |
| 65 | MAGNESIUM | Root | | 1870.0 | -0.36797479725347537 | -- |
| 1 | SODIUM | Root | | 195.0 | -0.4219775619619555 | -- |
| 0 | 1-HYDROXY-2-METHYL-ANTHRAQUINONE | Plant | | | | -- |
| 0 | RUBICOUMARIC-ACID | Plant | | | | -- |
| 0 | 1-HYDROXY-2-METHYL-7-METHOXYANTHRAQUINONE | Plant | | | | -- |
| 1 | RUBIADIN | Root | | | | -- |
| 0 | 1-HYDROXY-2-METHYL-6-METHOXYANTHRAQUINONE | Plant | | | | -- |
| 0 | PURPUROXANTHINS | Plant | | | | -- |
| 0 | HEXAPEPTIDES | Plant | | | | -- |
| 0 | 1-HYDROXY-2-METHOXYANTHRAQUINONE | Root | | | | -- |
| 2 | PURPURIN | Root | | | | -- |
| 0 | 1-HYDROXY-2-CARBOXY-3-METHOXYANTHRAQUINONE | Plant | | | | -- |
| 0 | PSEUDOPURPURIN | Root | | | | -- |
| 0 | 1-ACETOXY-6-HYDROXY-2-METHYLANTHRAQUINONE-3-O-ALPHA-RHAMNOSYL... | Plant | | | | -- |
| 47 | BETA-SITOSTEROL | Plant | | | | -- |
| 0 | 1,5-DIHYDROXY-2-METHYLANTHRAQUINONE | Root | | | | -- |

| Activities Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Refernce Citation |
|------------------|---|------------|---------|----------|--------|-------------------|
| 5 | PHYSCION | Plant | | | | -- |
| 0 | XANTHOPURPURIN | Root | | | | -- |
| 2 | 1,4-DIHYDROXY-2-METHYLANTHRAQUINONE | Root | | | | -- |
| 0 | OLEANOLIC-ACID-ACETATE | Plant | | | | -- |
| 6 | ANTHRAQUINONES | Root | | | | -- |
| 0 | 1,4-DIHYDROXY-2-METHYL-5-METHOXYANTHRAQUINONE | Root | | | | -- |
| 1 | NOR-DAMNACANTHAL | Plant | | | | -- |
| 11 | ALIZARIN | Root | | | | -- |
| 2 | SCOPOLETOL | Plant | | | | -- |
| 0 | 1,4-DIHYDROXY-2-CARBOETHOXYANTHRAQUINONE | Plant | | | | -- |
| 0 | MUNJISTINE | Root | | | | -- |
| 0 | 5,8-DIHYDROXY-2-METHYLANTHRAQUINONE | Root | | | | -- |
| 0 | RUBIFOLIC-ACID | Plant | | | | -- |
| 0 | 1,3-DIMETHOXY-2-CARBOXYANTHRAQUINONE | Root | | | | -- |