

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in Euphorbia hirta**

| Activity Count | Chemical        | Plant Part | Low PPM | High PPM | StdDev               | Reference Citation  |
|----------------|-----------------|------------|---------|----------|----------------------|---|
| 10             | ALPHA-AMYRIN    | Plant      | --      | --       |                      |   |
| 112            | ASCORBIC-ACID   | Leaf       | 443     | 443      | -0.40281534195275637 |   |
| 9              | BETA-AMYRIN     | Plant      | --      | --       |                      |   |
| 47             | BETA-SITOSTEROL | Stem       | --      | --       |                      |   |
| 47             | BETA-SITOSTEROL | Leaf       | --      | --       |                      |   |
| 13             | BETULIN         | Stem       | --      | --       |                      |   |
| 102            | CAFFEIC-ACID    | Plant      | --      | --       |                      | Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp. |
| 2              | CAMPESTEROL     | Plant      | --      | --       |                      |   |
| 1              | CHOLESTEROL     | Plant      | --      | --       |                      |   |
| 20             | CHOLINE         | Plant      | --      | --       |                      |   |
| 7              | CYCLOARTENOL    | Plant      | --      | --       |                      |   |
| 51             | ELLAGIC-ACID    | Plant      | --      | --       |                      |   |
| 61             | FERULIC-ACID    | Leaf       | --      | --       |                      |   |
| 2              | FRIEDELIN       | Plant      | --      | --       |                      |   |
| 62             | GALLIC-ACID     | Plant      | --      | --       |                      |   |
| 9              | HCN             | Plant      | --      | --       |                      |   |
| 8              | INOSITOL        | Plant      | --      | --       |                      |   |

| Activity Count | Chemical        | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|----------------|-----------------|------------|---------|----------|--------|--------------------|
| 75             | KAEMPFEROL      | Leaf       | --      | --       |        |                    |
| 3              | LEUCOCYANIDOL   | Plant      | --      | --       |        |                    |
| 27             | LINOLEIC-ACID   | Plant      | --      | --       |        |                    |
| 18             | OLEIC-ACID      | Plant      | --      | --       |        |                    |
| 25             | P-COUMARIC-ACID | Leaf       | --      | --       |        |                    |
| 13             | PALMITIC-ACID   | Plant      | --      | --       |        |                    |
| 176            | QUERCETIN       | Plant      | --      | --       |        |                    |
| 1              | QUERCETOL       | Plant      | --      | --       |        |                    |
| 18             | RHAMNETIN       | Plant      | --      | --       |        |                    |
| 14             | SHIKIMIC-ACID   | Plant      | --      | --       |        |                    |
| 41             | TANNIC-ACID     | Plant      | --      | --       |        |                    |
| 2              | TARAXEROL       | Stem       | --      | --       |        |                    |