

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Simarouba glauca*

| Activities Count | Chemical                                 | Plant Part | Low PPM  | High PPM | StdDev               | Refernce Citation |
|------------------|--|------------|----------|----------|----------------------|-------------------|
| 0                | FAT                                      | Seed       | 620000.0 | 677000.0 | 2.1681097903601487   | --                |
| 18               | OLEIC-ACID                               | Seed       | 355700.0 | 388400.0 | 2.2137758364301483   | --                |
| 8                | STEARIC-ACID                             | Seed       | 169600.0 | 185220.0 | 3.453255007947373    | --                |
| 13               | PALMITIC-ACID                            | Seed       | 70870.0  | 77380.0  | 0.8969994268433565   | --                |
| 27               | LINOLEIC-ACID                            | Seed       | 11780.0  | 12860.0  | -0.8076478589171464  | --                |
| 0                | ARACHIDIC-ACID                           | Seed       | 9240.0   | 10085.0  | 0.33150648252836223  | --                |
| 0                | LINOLENIC-ACID                           | Seed       | 1425.0   | 1555.0   | -0.5527157072782705  | --                |
| 2                | PALMITOLEIC-ACID                         | Seed       | 1300.0   | 1420.0   | -0.26438112417960946 | --                |
| 6                | GLAUCARUBOLONE                           | Plant      |          |          |                      | --                |
| 8                | GLAUCARUBINONE                           | Seed       |          |          |                      | --                |
| 4                | GLAUCARUBIN                              | Fruit      |          |          |                      | --                |
| 0                | DELTA-13(18)-GLAUCARUBIN                 | Fruit      |          |          |                      | --                |
| 0                | 15-O-BETA-D-GLUCOPYRANOSYLGLAUCARUBOLONE | Plant      |          |          |                      | --                |
| 0                | 15-O-BETA-D-GLUCOPYRANOSYLGLAUCARUBOL    | Plant      |          |          |                      | --                |
| 0                | 15-HYDROXYAILANTHONE                     | Plant      |          |          |                      | --                |