

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Terminalia bellirica

| Activities Count | Chemical      | Plant Part | Low PPM  | High PPM | StdDev               | Reference Citation  |
|------------------|---------------|------------|----------|----------|----------------------|---|
| 2                | TERMILIGNAN   | Pericarp   |          |          |                      | Valsaraj, R., Pushpangadan, P., Smitt, U. W., Adeersen, A., Christensen, S. B., Sittie, A., Nyman, U., Nielsen, C., Oslen, C. E. 1997. New Anti-HIV-1, Antimalarial, and Antifungal Compounds from Terminalia bellerica. J. Nat. Prod. 60 7: 739-742. |
| 35               | TANNIN        | Fruit      | 170000.0 | 214000.0 | 1.152911794404943    | --  |
| 35               | TANNIN        | Bark       | 14000.0  | 70000.0  | -0.6218356919104978  | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.  |
| 14               | SUCROSE       | Seed       |          |          |                      | Singh, P., Sharma, S. 1997. Triterpenoid Constituents of the Seeds of Diospyros melanoxylon, Tecomella undulata and Terminalia bellirica. J. Indian Chem. Soc. 74 6: 504-505.   |
| 8                | STEARIC-ACID  | Seed       | 40000.0  | 112000.0 | 1.8646296411916774   | --  |
| 5                | STARCH        | Leaf       | 99800.0  | 127000.0 | 2.4401501282208553   | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.  |
| 2                | PHYLLEMBLIN   | Fruit      |          |          |                      | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.  |
| 4                | PHOSPHORUS    | Leaf       |          | 2700.0   | -0.41791805519896574 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses   |
| 13               | PALMITIC-ACID | Seed       | 29500.0  | 82600.0  | 1.0047049642797696   | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.  |
| 9                | OXALIC-ACID   | Fruit      |          |          |                      | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.  |

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|------------------|---------------|------------|----------|----------|--------------------|---|
| 9                | OXALIC-ACID   | Bark       |          |          |                    | Bharadwaj, K., Chandra, V. 1983. Comparative Incidence of Calcium Oxalate as a Source of Oxalic Acid in Barks of Seven Species of Terminalia. Biol. Mem. 8 1/2: 54-62.        |
| 18               | OLEIC-ACID    | Seed       | 108025.0 | 301470.0 | 1.4991601957510154 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.  |
| 3                | MANNOSE       | Seed       |          |          |                    | Singh, P., Sharma, S. 1997. Triterpenoid Constituents of the Seeds of Diospyros melanoxylon, Tecomella undulata and Terminalia bellirica. J. Indian Chem. Soc. 74 6: 504-505. |
| 18               | MANNITOL      | Fruit      |          |          |                    | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.  |
| 27               | LINOLEIC-ACID | Seed       | 72475.0  | 202930.0 | 0.820890770924275  | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.  |
| 7                | GLUCOSE       | Seed       |          |          |                    | Singh, P., Sharma, S. 1997. Triterpenoid Constituents of the Seeds of Diospyros melanoxylon, Tecomella undulata and Terminalia bellirica. J. Indian Chem. Soc. 74 6: 504-505. |
| 7                | GLUCOSE       | Fruit      |          |          |                    | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.  |
| 62               | GALLIC-ACID   | Fruit      |          |          |                    | --  |
| 1                | GALACTOSE     | Seed       |          |          |                    | Singh, P., Sharma, S. 1997. Triterpenoid Constituents of the Seeds of Diospyros melanoxylon, Tecomella undulata and Terminalia bellirica. J. Indian Chem. Soc. 74 6: 504-505. |

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|------------------|---------------|------------|---------|----------|--------------------|---|
| 1                | GALACTOSE     | Fruit      |         |          |                    | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.  |
| 8                | FRUCTOSE      | Fruit      |         |          |                    | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.  |
| 8                | FRUCTOSE      | Seed       |         |          |                    | Singh, P., Sharma, S. 1997. Triterpenoid Constituents of the Seeds of Diospyros melanoxylon, Tecomella undulata and Terminalia bellirica. J. Indian Chem. Soc. 74 6: 504-505. |
| 2                | FRIEDELIN     | Seed       |         |          |                    | Singh, P., Sharma, S. 1997. Triterpenoid Constituents of the Seeds of Diospyros melanoxylon, Tecomella undulata and Terminalia bellirica. J. Indian Chem. Soc. 74 6: 504-505. |
| 15               | FIBER         | Leaf       | 74000.0 | 186000.0 | 0.3025387654482874 | --  |
| 5                | ETHYL-GALLATE | Fruit      |         |          |                    | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.  |
| 51               | ELLAGIC-ACID  | Wood       |         |          |                    | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.  |
| 51               | ELLAGIC-ACID  | Leaf       |         |          |                    | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.  |
| 51               | ELLAGIC-ACID  | Bark       |         |          |                    | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.  |
| 51               | ELLAGIC-ACID  | Fruit      |         |          |                    | --  |
| 13               | CORILAGIN     | Fruit      |         |          |                    | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.  |

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|------------------|-----------------|------------|---------|----------|---------------------|--|
| 6                | CHEBULINIC-ACID | Fruit      |         |          |                     | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| 28               | CALCIUM         | Leaf       |         | 20800.0  | 0.16144588299166054 | CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses  |
| 47               | BETA-SITOSTEROL | Fruit      |         |          |                     | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |