



SIGMA[®]
UNIVERSITY

Nerium oleander





Synonym

- Gujarati: કરેણા
- Hindi: કનેર
- English: nerium oleander

Botanical name

- *Nerium oleander*

Family

- Apocynaceae.

Chemical Constituents

- Cardiac glycosides (like oleandrin and neriin), which are its most well-known and toxic constituents, as well as flavonoids, triterpenoids
- Essential oils: Found in the plant and have shown antibacterial activity.
- Roots and seeds: Rich in cardiac glycosides.
- Leaves: Contain cardiac glycosides, triterpenes, phytosterols, flavonoids, and fatty acids.
- Flowers and twigs: Also contain flavonoids, phenols, and triterpenoids.

Therapeutic Uses

- Despite its high toxicity,
- Cardiac conditions Anticancer
- Anti-inflammatory and analgesic.
- Effects of Antimicrobial.
- The biological source of this medicinal and highly poisonous plant is the leaves, bark, roots.
- Flowers of the evergreen shrub, *Nerium oleander*.

Marketed Preparations

- Skin products, Topical ointments