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# **Tabebuia rosea**





## Synonym

- Gujarati: ગુલાબી ટેકોમા (Gulabi Tecoma), ગુલાબી ટ્રમ્પેટ ટ્રી (Gulabi Trumpet Tree) .
- Hindi: बसंत रानी (Basant Rani), गुलाबी टेकोमा (Gulabi Tecoma).
- English: Rosy Trumpet Tree, Pink Tecoma.

## Botanical name

- *Tabebuia rosea*

## Family

- Bignoniaceae

# Chemical Constituents

- Lapachol (a naphthoquinone).
- Phenols, flavonoids, tannins, sugar glycosides.
- Terpenoids, steroids, heterocyclic quinolones.
- Essential oils and aromatic compounds.
- Other phytochemicals such as cyclopentane derivatives, quinolinol, cinnamaldehyde, benzofuran compounds.

# Therapeutic Uses

- Antiparasitic: bark preparations consumed to eliminate intestinal parasites.
- Antimalarial properties.
- Antioxidant and anti-inflammatory.
- Anticancer (lapachol is considered a botanical anticancer agent).
- Antiulcer, antidiabetic, hepatoprotective.
- Treatment for fever, pain, inflammation, tonsillitis, wounds.
- Larvicidal and antimicrobial effects.
- Used for gastrointestinal problems, diabetes, candidiasis, prostatitis, constipation, allergies.

# Marketed Preparations

- Herbal products known as lapacho, taheebo, pandarco, iperoxo derived from the bark.
- Extracts and powders used in traditional medicine formulations.
- Decoctions from leaves and bark for fever reduction.
- Preparations in capsules, extracts, and teas.