Harsingar

Nyctanthes arbor-tristis

Order:	Family:	Genus:	Species:
Lamiales	Oleaceae	Nyctanthes	*arbor-tristis*

MORPHOLOGY

- Leaves: Dark green, opposite, simple, with toothed margins.
- Flowers: Fragrant, white with orange centers, trumpet-shaped, blooming profusely.
- Fruit: Small, capsule-like, containing seeds..

USES

- Traditional Medicine: Used in Ayurveda and traditional medicine systems for various ailments.
- Ornamental: Cultivated for its attractive flowers and aromatic foliage.
- Religious Significance: Flowers are used in Hindu religious ceremonies.

CHEMICAL COMPOSITION

- Flowers: Contains essential oils, flavonoids, tannins, and other phytochemicals.
- Leaves: Rich in antioxidants and bioactive compounds.

MEDICINAL PROPERTIES

- Anti-inflammatory: Helps reduce inflammation.
- Antipyretic: Used to reduce fever.
- Analgesic: Provides pain relief.
- Antioxidant: Protects cells from oxidative stress.
- Antimicrobial: Effective against certain microorganisms.

ACTIVE PHYTOCHEMICALS

- Naringenin: A flavonoid with antioxidant properties.
- Quercetin: Another flavonoid known for its anti-inflammatory effects.
- Oleuropein: Provides antimicrobial activity.
- Luteolin: Exhibits antioxidant and anti-inflammatory properties.