



SIGMA<sup>®</sup>  
UNIVERSITY

Canna



# **Synonym**

- Gujarati: Ganda (ગંડા).
- Hindi: Ganda (गंदा) and Keli (के ली).
- English: Indian shot, African arrowroot, Edible canna, Purple arrowroot.

# **Botanical name**

- *Canna indica*

# **Family**

- Cannaceae.

# **Chemical Constituents**

- Alkaloids
- Cardiac glycosides
- Anthocyanin pigments
- Flavonoids
- Steroids
- Terpenoids
- Tannins
- Phlobatannins
- Saponins
- Carbohydrates, Proteins and Oils

# **Therapeutic Uses**

- Anthelmintic, antibacterial, antimicrobial, antiviral.
- Antidiabetic, antidiarrheal, anti-inflammatory, analgesic.
- Immunomodulatory, antioxidant, cytotoxic, hemostatic, hepatoprotective.
- Used traditionally for malaria, dysentery, fever, wound healing, and AIDS.
- Flowers used for eye diseases, roots for amenorrhea and gonorrhoea.
- Powdered mixtures used for dermatosis and other skin disorders.

# **Marketed Preparations**

- Herbal formulations including powders, decoctions, and extracts from leaves, flowers, and roots.
- Used in traditional medicine systems (Ayurveda and folk medicine).
- Incorporated in some herbal health supplements and topical preparations.