

Cissus

Cissus quadrangularis L. is commonly known as Asthisamhari is a succulent plant of family Vitaceae commonly found throughout the hotter parts of India. It can be cultivated in plains coastal areas, jungles and wastelands up to 500m elevation. Plant is propagated using cuttings.

Geographical Distribution

Found throughout the hotter parts of India alongside hedges, neighboring countries like Pakistan, Bangladesh, Sri Lanka and Malaysia. It can be cultivated in plains coastal areas, jungles and wastelands upto 500m elevation.

Bioactive compounds

Phytochemical studies of *Cissus quadrangularis* have shown the presence of various versatile constituents such as flavanoids, triterpenoids, Vitamin C, stilbene derivatives and many others, e.g. resveratrol, piceatannol, pallidol perthenocissin and phytosterols. Out of which ascorbic acid, triterpene, β -sitosterol, ketosteroid, two asymmetrical tetracyclic triterpenoids and calcium were identified as major constituents of this plant.

**CISSUS
QUADRANGULARIS
EXTRACT**

CissusPure®





Specification

Common Name	Hadjod
Botanical Name	<i>Cissus quadrangularis</i>
Plant Part Used	Stem
Appearance	Brown colour powder
Identification	Positive by TLC
Shelf Life	3 Years
Storage Condition	Cool & Dark Dry Place

Available Grades of CissusPure®

Sunpure Extracts Private Limited offers:

- *Cissus quadrangularis* Extract
3-ketosteroid
2.5% - 5% by Gravimetric
- *Cissus quadrangularis* Extract
Total Ketosterones
NLT- 40% by Gravimetric

Pharmacological Activity

- Allergies
- Asthma
- Bodybuilding
- Cancer
- Diabetes
- Gout
- High cholesterol
- Aids in weight loss
- Boost immune system
- Loss of appetite (anorexia)
- Peptic ulcer disease (PUD)
- Prevents heart disorders
- Aids in quick healing of wounds
- Improves bone and dental health
- Rich in anti-inflammatory properties
- Aids in reducing risk of type II diabetes
- Provides relief from respiratory disorders
- Relieves menstrual cramps and discomfort
- Osteoporosis
- Pain
- Malaria
- Rheumatoid arthritis
- Scurvy
- Seizures
- Upset stomach
- Wound healing

Traditional uses

The roots and stems are most useful for healing of fracture of the bones. The plant has been documented in Ayurveda for the treatment of osteoarthritis, rheumatoid arthritis and osteoporosis. The stem juice of plant is used to treat scurvy, menstrual disorders, otorrhoea and epistaxis. The use of sap with tamarind has been reported in East Africa for the treatment of gonorrhoea. The plant is useful in helminthiasis, anorexic, dyspepsia, colic, flatulence, skin diseases, leprosy, hemorrhage, epilepsy, convulsion, haemoptysis, tumors, chronic ulcers, swellings. The stout fleshy quadrangular stem is traditionally used for treatment of gastritis constipation, eye diseases, piles and anemia.



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