

NEWSLETTER

Knowledge of herbs – *Cyperus rotundus* Linn. (Mustaka)

Drug consists of dried rhizomes of *Cyperus rotundus* Linn.; family Cyperaceae. The plant is distributed throughout the plains of India up to 1800m elevation. It grows in moist areas, rice fields and along water courses.



Other Names:-

Assam- Mutha

Beng.- Moothoo, mutha

Eng. –Nut grass

Guj.- Moth, Nagarmoth

Hindi.- Nagarmoth, Motha

Kan.- Konnari Gadde

Mal.- Muthanga

Mar.- Moth, Nagarmoth, Bimbal

Punj.- Mutha, Motha

Tam.- Korai

Tel.- Tungamustalu

Urd.- Sad Kufi

Scientific classification:-

Kingdom: Plantae

Order: Zingiberales

Family: Zingiberaceae

Genus: Curcuma

Species: amada

Description:-

Rhizome clothed with flexuous hair, outer surface dark brown and white inside.

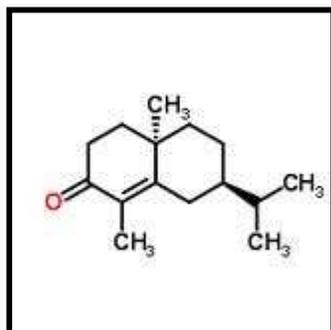
Medicinal Uses:- Carminative, astringent, anti-inflammatory, antirheumatic, hepatoprotective, diuretic,

antipyretic, analgesic, hypotensive, emmenagogue and nervine tonic.

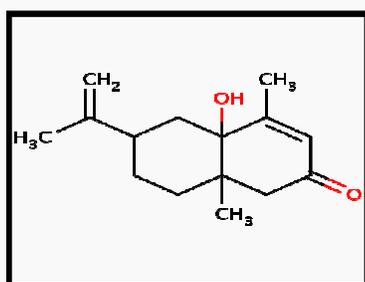
Chemical Constituents:-

4 α ,5 α , Oxidoeudesm-11-en-3 α -ol, cyperene-1 (a tricyclic sesquiterpene) and cyperene-2 (a bicyclic sesquiterpene hydrocarbon), β -selinene, cyperenone and α -cyperone

The other essential oil including copadiene, epoxyguaiene rotundone, cyperenol, cyperolone, eugenol, cyperol, isocyperol, α and β - rotunol, kodusone and isokobusone.



α -Cyperone



β -Rotunol

Adulterants/Substitutes

Cyperus amabilis Vahl. C. esilentus Linn., C. Platystilis R. Br. And C. Scariosus R. Br are substituted for C. rotundus.

Safety aspects:-

The drug traditionally considered to be safe in the dosage mentioned.

References: -

1) The Ayurvedic Pharmacopoeia of India, part-I vol III. 1st ed. New Delhi: Government of India, Ministry of health and Family Welfare, Department of Indian Systems of Medicine & Homeopathy; 1990; p. 129-130.

2) C.P. Khare, "Indian medicinal plants An Illustrated dictionary" Springer Reference

3) Sharma PV. Dravyagunavigyana, vol II. (Vegetable Drugs). Varanasi; Chaukhambha Bharti Academy, 2001; p. 372.

Your Thoughts?

Do you have a suggestion or comment on our newsletters?

We at THS are always interested in hearing from you.

Send us your thoughts at newsletters@thscenter.com

Upcoming Newsletters

*Knowledge of Herbs-Elettaria cardamomum.
For Dec, 2013.*

Disclaimer: The above content is only for information. There is no infringement of copyright intended. The information is collected from various resources for your knowledge.