

31 *Nyctanthes arbor-tristis* Linn. (Parijata)

Drug consists of the dried leaf of *Nyctanthes arbor-tristis* Linn. (A & B); Fam. Oleaceae. A small tree occurring wild in the outer Himalayan ranges from Kashmir to Nepal, and almost throughout India, up to 1000 m. Also cultivated in gardens and elsewhere.



A. Flowering branch



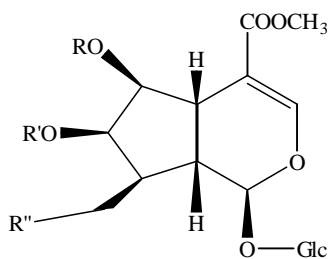
B. Dried leaves

Nyctanthes arbor-tristis Linn.

Chemical Constituents

Major

Nicotiflorin^{1,2}, nyctanthic acid^{1,3}.

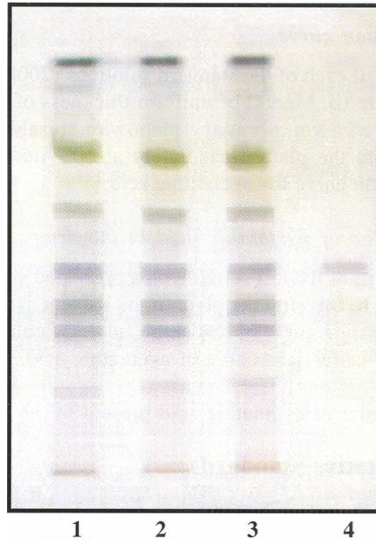


6,7-Di-*O*-benzoylnyctanthoside

6-*O*-*trans*-Cinnamoyl-6 β -hydroxyloganin

R, R' = Benzoyl, R'' = OH

R = *trans*-Cinnamoyl, R', R'' = H



TLC profile of test solution of *Nyctanthes arbor-tristis* lead. **1-3:** Test solution; **4:** Nyctanthic acid standard.