31 Swertia angustifolia Buch.-Ham. ex D. Don

Drug consists of dried whole plant of Swertia angustifolia Buch.-Ham. ex D. Don (A & B); Fam. Gentianaceae. A small erect annual, herbaceous plant, 0.6 to 1.25 m in height, found in subtropical-temperate Himalayas (1500 to 2000 m).

Chemical Constituents

Major

Swertiamarin², ursolic acid³, 1,8-dihydroxy-3, 5-dimethoxyxanthone (swerchirin)⁴.

TLC/HPTLC Details
TLC profile of test solution of *Swertia angustifolia* whole plant. 1: Swerchirin standard; 2: Test solution.

HPTLC densitometric scan at 350 nm of *Swertia angustifolia* whole plant. A. Swerchirin standard; B. Test solution.