

3 *Barringtonia acutangula* Gaertn. (Nicula)

Drug consists of dried fruit of *Barringtonia acutangula* Gaertn. (A, B & C); Fam. Barringtoniaceae. A medium sized tree growing along the water streams throughout India especially in sub-Himalayan tracts and Bengal.



A. Tree



B. Flowering twig



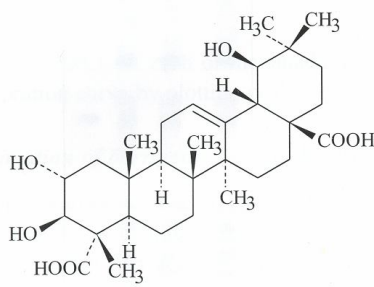
C. Fruits

Barringtonia acutangula Gaertn.

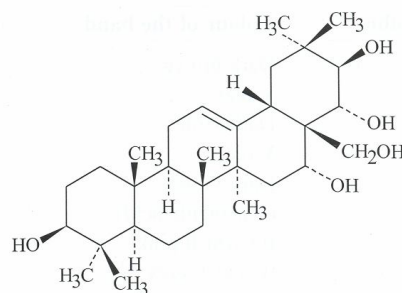
Chemical Constituents

Major

Barrigenic acid, barringtogenol C.

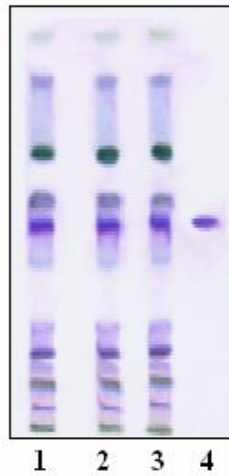


Barrigenic acid

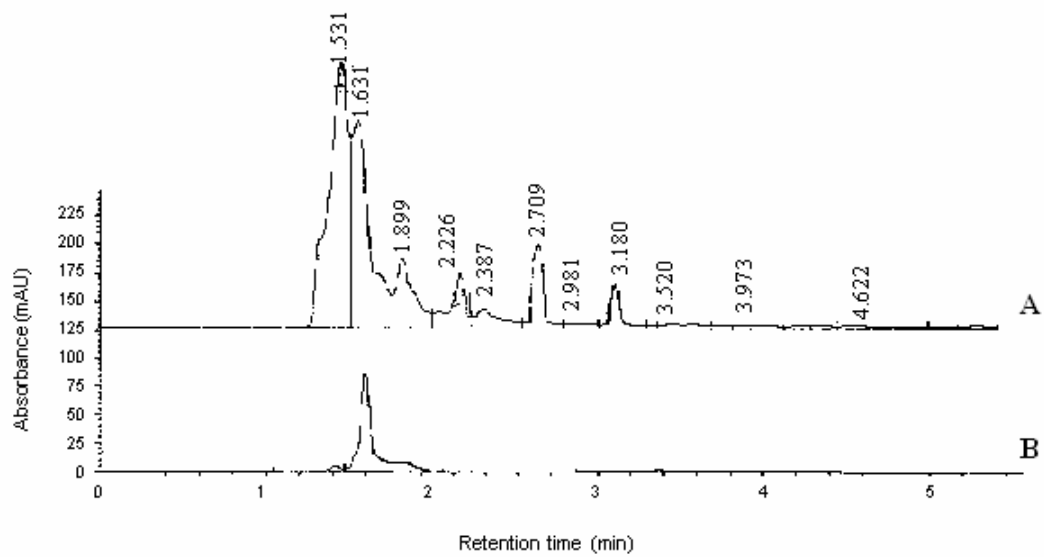


Barringtogenol C

TLC/HPLC Details



TLC profile of test solution of ethanol extract of *Barringtonia acutangula* fruit. **1-3**: Test solution; **4**: Barrigenic acid standard.



HPLC chromatogram. **A**. Test solution of methanol extract of *Barringtonia acutangula* fruit; **B**. Barrigenic acid standard.