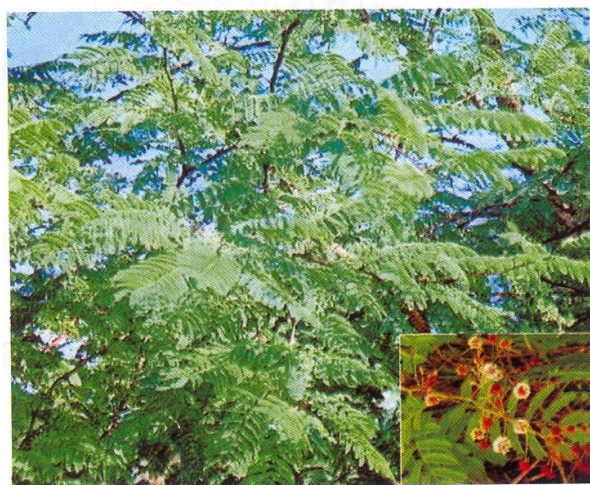


1 *Acacia sinuata* (Lour.) Merr. (Satala)

Drug consists of dried mature pod of *Acacia sinuata* (Lour.) Merr. (syn. *A. rugata* (Lamk.) Merr.; *A. concinna* (Willd.) DC.) (Plate 1.1 A & B); Fam. Mimosaceae. The plant is a common, prickly, scandent shrub, occurring in tropical forests throughout India.



A. Plant (inset – Flowering twig)



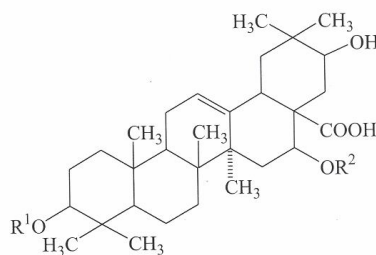
B. Dry pods

Plate 1.1 *Acacia sinuata* (Lour.) Merr.

Chemical Constituents

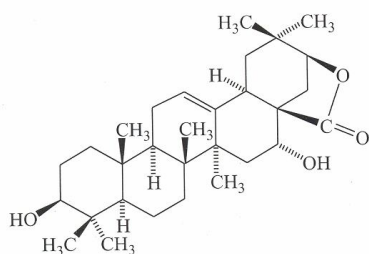
Major

Acacinin A and B, acacinins C, D and E, machaerinic acid and its lactone, sapogenin B, acacic acid lactone.

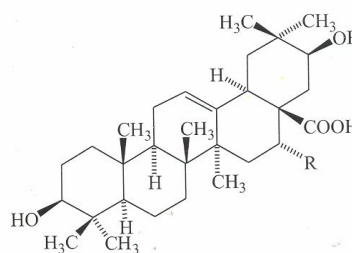


Acacinin D

$R^1, R^2 =$ glucose : arabinose : xylose : fucose : rhamnose : unidentified sugar (2:1 : 3 : 2 : 3 : 2)



Acacic acid lactone



Machaerinic acid $R=H$
Acacic acid $R=OH$