

*Pterocarpus santalinus* Linn.f.  
(Rakta Candana)

Drug consists of dried heartwood of *Pterocarpus santalinus* Linn.f. (Plate 24.1 A, B & C); Fam. Fabaceae. It is a moderate sized deciduous tree, up to 10-11 m high and 1.5 m in girth, growing in Andhra Pradesh, Tamil Nadu and Karnataka upto 500m altitude.



A. Flowering twig



B. Heartwood



C. Wood chips

Plate 24.1 *Pterocarpus santalinus* Linn.f.

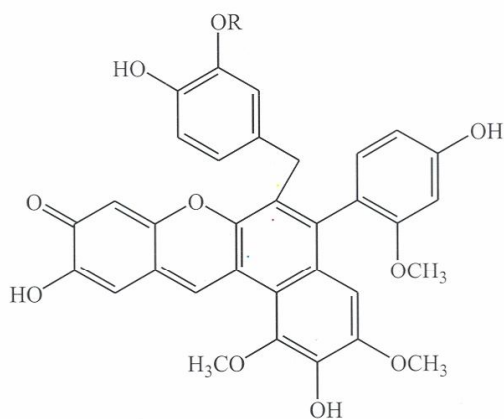
## Chemical Constituents

### Major

Santalin A, santalin B<sup>3</sup>, pterocarpol<sup>4</sup>.

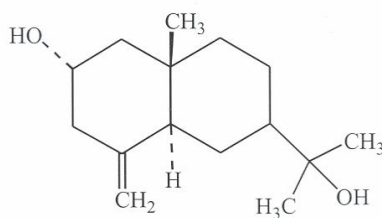
### Others

Isopterocarpolone, pterocarptriol, pterocarpdiolone, cryptomeridiol<sup>4</sup>, eudesmol ( $\alpha$ -,  $\beta$ - and  $\gamma$ - isomers)<sup>5</sup>, pterocarpin, homopterocarpin<sup>6</sup>.



Santalin A R=H

Santalin B R=CH<sub>3</sub>



Pterocarpol