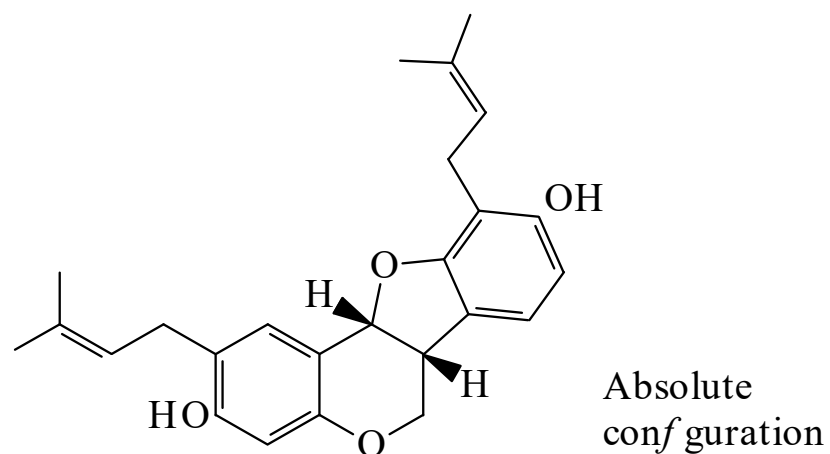




>>Entry Name: 3,9-Dihydroxy-2,10-diprenylpterocarpan

Synonym(s): Erythrabyssin II



CAS Registry Number: 77263-06-0

Molecular Formula: C₂₅H₂₈O₄

Molecular Weight: 392.494

Accurate Mass: 392.19876

Percentage Composition: C 76.50%; H 7.19%; O 16.31%

Biological Source: Isol. from roots of *Erythrina abyssinica* and from *Phaseolus lunatus*

Use/Importance: Shows antimicrobial props.

Solubility: BERDY SOL: Sol. MeOH, Et₂O

UV: [neutral] λ_{max} 220 (ε 18000); 287 (ε 8130) (MeOH) (Berdy)

References:

Kamat, V.S. *et al.*, *Heterocycles*, 1981, **15**, 1163, (*isol, uv, pmr, struct, abs config*)

O'Neill, M.J. *et al.*, *Phytochemistry*, 1986, **25**, 1315, (*isol*)

Inuma, M. *et al.*, *Chem. Pharm. Bull.*, 1992, **40**, 2749, (*isol*)