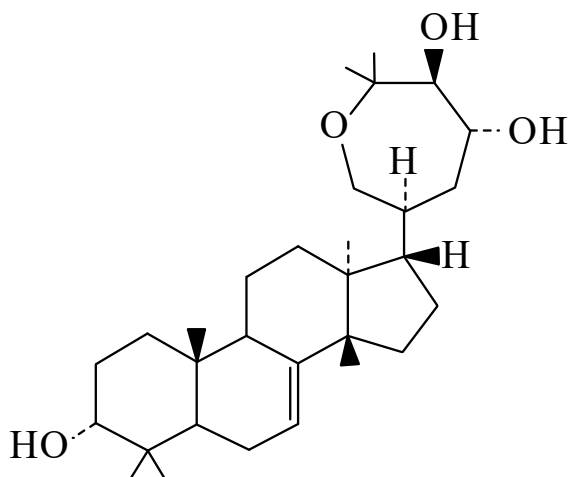




>>Entry Name: Sapelin B

Synonym(s): 21,25-Epoxytirucall-7-ene-3 α ,23*R*,24*S*-triol



CAS Registry Number: 26790-94-3

Molecular Formula: C₃₀H₅₀O₄

Molecular Weight: 474.723

Accurate Mass: 474.37091

Percentage Composition: C 75.90%; H 10.62%; O 13.48%

Biological Source: Constit. of the wood of *Entandrophragma cylindricum*

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 173-177°

Optical Rotation: [α]_D -18 (c, 0.8 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 0 (end) (ϵ) (MeOH) (Derep)

>>Derivative: 3-Ketone

Synonym(s): Hispidone

CAS Registry Number: 73891-72-2

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Constit. of *Trichilia hispida* and *Eurycoma longifolia*

Physical Description: Amorph.

Optical Rotation: [α]_D²⁵ -35 (c, 1.4 in CHCl₃)

References:

Chan, W.R. *et al.*, *J.C.S.(C)*, 1970, 311, (*isol, struct*)

Lyons, C.W. *et al.*, *Chem. Comm.*, 1976, 647, (*stereochem*)

Jolad, S.D. *et al.*, *J.O.C.*, 1980, **45**, 3133, (*isol*)

Itokawa, H. *et al.*, *Chem. Pharm. Bull.*, 1992, **40**, 1053, (*Hispidone, cmr*)