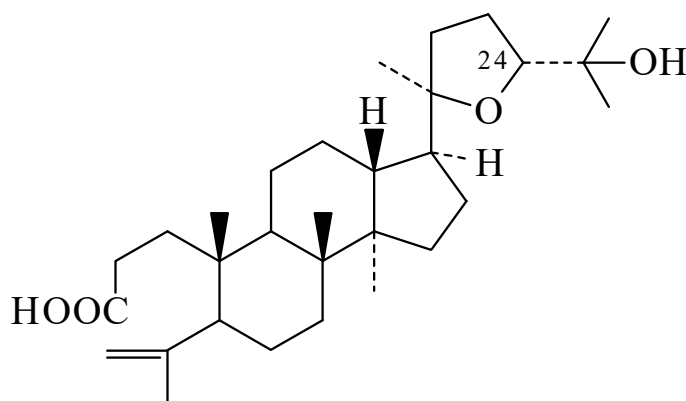




>>Entry Name: Shoreic acid

Synonym(s): 20*R*,24*R*-Epoxy-25-hydroxy-3,4-seco-5α-dammar-4(28)-en-3-oic acid



CAS Registry Number: 21671-00-1

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 *Shorea mecistopteryx*

Physical Description: Cryst. (as Me ester)

Melting Point: Mp 92-94° (Me ester)

Optical Rotation: [α]_D +40 (Me ester)

>>Derivative: 24-Epimer

Synonym(s): Eichlerianic acid

CAS Registry Number: 56421-13-7

Biological Source: Isol. from *Cabralea eichleriana*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 109-110° (Me ester)

Optical Rotation: [α]_D +37.6 (c, 0.8 in CHCl₃) (Me ester)

References:

Lantz, J.-P. *et al.*, *Bull. Soc. Chim. Fr.*, 1968, 2131, (*isol*)

Rao, M.M. *et al.*, *Tetrahedron*, 1975, **31**, 333, (*Eichlerianic acid*)

Tanaka, O. *et al.*, *Phytochemistry*, 1978, **17**, 1353, (*struct*)

Lavie, D. *et al.*, *Tetrahedron*, 1984, **40**, 419, (*cryst struct*)