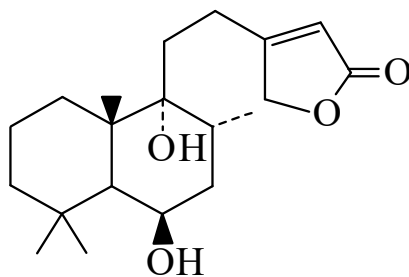




>>Entry Name: 6,9-Dihydroxy-13-labden-15,16-olide



Molecular Formula: C₂₀H₃₂O₄

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

>>Variant: (6β,8α,9α)-form

Molecular Formula: C₂₀H₃₂O₄

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

>>Derivative: 6-Ac

Synonym(s): 6β-Acetoxy-9α-hydroxy-13-labden-15,16-olide. **Vitexilactone**

CAS Registry Number: 61263-49-8

Molecular Formula: C₂₂H₃₄O₅

Molecular Weight: 378.508

Accurate Mass: 378.240625

Percentage Composition: C 69.81%; H 9.05%; O 21.13%

Biological Source: Constit. of the leaves of *Vitex cannabifolia*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 150-151°

Optical Rotation: [α]_D²⁵ -12.6 (c, 1.23 in CHCl₃)

References:

Taguchi, H., *Chem. Pharm. Bull.*, 1976, **24**, 1668

Hoberg, E. *et al.*, *Phytochemistry*, 1999, **52**, 1555-1558, (*cmr*)