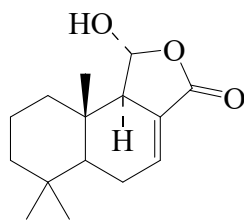




>>Entry Name: 11-Hydroxy-7-drimen-12,11-olide



Molecular Formula: C₁₅H₂₂O₃

Molecular Weight: 250.337

Accurate Mass: 250.156895

Percentage Composition: C 71.97%; H 8.86%; O 19.17%

>>Variant: 11 α -form

Synonym(s): Dendocarbin A

CAS Registry Number: 350986-74-2

Molecular Formula: C₁₅H₂₂O₃

Molecular Weight: 250.337

Accurate Mass: 250.156895

Percentage Composition: C 71.97%; H 8.86%; O 19.17%

Biological Source: Constit. of *Dendrodoris carbunculosa*

Physical Description: Oil

Optical Rotation: [α]_D²⁵ -10 (c, 0.14 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 220 (ϵ 10000) (MeOH)

>>Derivative: Ac

Molecular Formula: C₁₇H₂₄O₄

Molecular Weight: 292.374

Accurate Mass: 292.16746

Percentage Composition: C 69.84%; H 8.27%; O 21.89%

Biological Source: Constit. of a *Dysidea* sp.

Physical Description: Oil

Optical Rotation: [α]_D²⁵ -40.1 (c, 0.1 in MeOH)

UV: [neutral] $\lambda_{\max}$ 223 (log ϵ 3.78) (MeOH)

>>Derivative: Et ether

Synonym(s): 11 α -Ethoxycinnamolide

Molecular Formula: C₁₇H₂₆O₃

Molecular Weight: 278.391

Accurate Mass: 278.188195

Percentage Composition: C 73.35%; H 9.41%; O 17.24%

Biological Source: Constit. of *Polygonum hydropiper*

Physical Description: Cryst.

Melting Point: Mp 45-47°

References:

Fukuyama, T. *et al.*, *Phytochemistry*, 1985, **24**, 1521, (*Et ether*)

Paul, V.J. *et al.*, *J. Nat. Prod.*, 1997, **60**, 1115-1120, (*Ac*)

Sakio, Y. *et al.*, *J. Nat. Prod.*, 2001, **64**, 726-731, (*Dendocarbin A*)