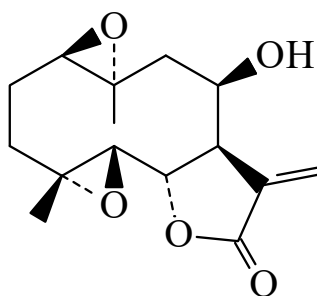




>>Entry Name: 1,10:4,5-Diepoxy-8-hydroxy-11(13)-germacren-12,6-olide



Molecular Formula: C₁₅H₂₀O₅

Molecular Weight: 280.32

Accurate Mass: 280.131075

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

>>Variant: (1β,4α,5β,6α,8β,10α)-form

Molecular Formula: C₁₅H₂₀O₅

Molecular Weight: 280.32

Accurate Mass: 280.131075

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

>>Derivative: Ac

Synonym(s): Epitulipinolide diepoxide. *epi*-Tulipinolide diepoxide

CAS Registry Number: 39815-40-2

Molecular Formula: C₁₇H₂₂O₆

Molecular Weight: 322.357

Accurate Mass: 322.14164

Percentage Composition: C 63.34%; H 6.88%; O 29.78%

Biological Source: Constit. of *Liriodendron tulipifera*

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 214-215°

Optical Rotation: [α]_D²⁵ -55.7 (c, 0.525 in CHCl₃)

Solubility: BERDY SOL: Sol. MeOH, CHCl₃

UV: [neutral] λ_{max} (MeOH) (Berdy)

References:

Doskotch, R.W. *et al.*, *Chem. Comm.*, 1972, 1137, (*synth*)

Doskotch, R.W. *et al.*, *Phytochemistry*, 1975, **14**, 769, (*isol*)