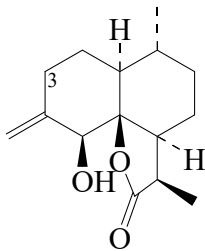




>>Entry Name: Arteannuin L

Synonym(s): 5-Hydroxy-4(15)-cadinen-12,6-olide



CAS Registry Number: 207446-89-7

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 *Artemisia annua*

Physical Description: Oil

Optical Rotation: [α]_D -6.1 (c, 0.23 in CHCl₃)

>>Derivative: Δ^3 -Isomer

Synonym(s): Arteannuin K. 5-Hydroxy-3-cadinen-12,6-olide

CAS Registry Number: 207446-88-6

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 *Artemisia annua*

Physical Description: Oil

Optical Rotation: [α]_D -38.5 (c, 0.1 in CHCl₃)

References:

Sy, L.-K. *et al.*, *Tetrahedron*, 1998, **54**, 4345-4356, (*isol*, *pmr*, *cmr*)