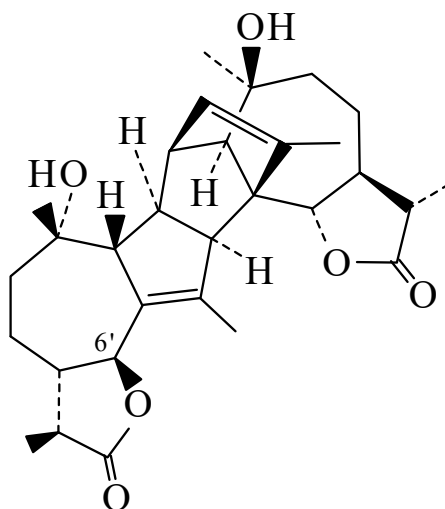




>>Entry Name: Absinthin



CAS Registry Number: 1362-42-1

Molecular Formula: C₃₀H₄₀O₆

Molecular Weight: 496.642

Accurate Mass: 496.28249

Percentage Composition: C 72.55%; H 8.12%; O 19.33%

Biological Source: Constit. of *Artemisia absinthium* and *Artemisia sieversiana*

Biological Use/Importance: Bitter principle present in absinthe

Physical Description: Orange-yellow needles

Melting Point: Mp 182-183 dec.°

Optical Rotation: [α]_D +180

>>Derivative: 6'-Epimer

Synonym(s): Isoabsinthin

CAS Registry Number: 11029-90-6

Molecular Formula: C₃₀H₄₀O₆

Molecular Weight: 496.642

Accurate Mass: 496.28249

Percentage Composition: C 72.55%; H 8.12%; O 19.33%

Biological Source: Constit. of *Artemisia absinthium*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 172-174°

>>Derivative: 11-Epimer

Synonym(s): 11-Epiabsinthin

Molecular Formula: C₃₀H₄₀O₆

Molecular Weight: 496.642

Accurate Mass: 496.28249

Percentage Composition: C 72.55%; H 8.12%; O 19.33%

Biological Source: Constit. of *Artemisia sieversiana*

Physical Description: Oil

Optical Rotation: [α]_D²⁴+159 (c, 0.34 in CHCl₃)

>>Derivative: 10',11'-Diepimer

Synonym(s): 10',11'-Epiabsinthin

Molecular Formula: C₃₀H₄₀O₆

Molecular Weight: 496.642

Accurate Mass: 496.28249

Percentage Composition: C 72.55%; H 8.12%; O 19.33%

Biological Source: From *Artemisia sieversiana*

Physical Description: Oil

Optical Rotation: [α]_D²⁴+107 (c, 0.62 in CHCl₃)