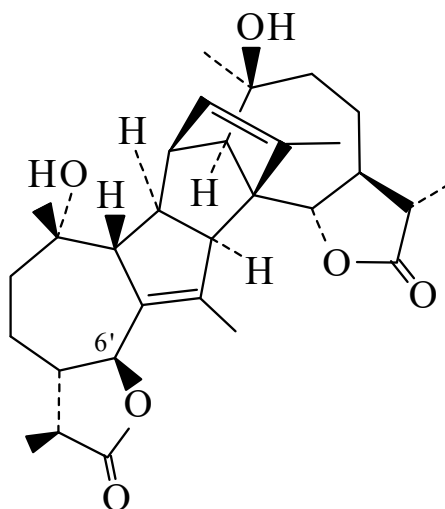




>>Entry Name: Absinthin



CAS Registry Number: 1362-42-1

Molecular Formula: $C_{30}H_{40}O_6$

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: $[\alpha]_D +180$

>>Derivative: 6'-Epimer

Synonym(s): Isoabsinthin

CAS Registry Number: 11029-90-6

Molecular Formula: $C_{30}H_{40}O_6$

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: $C_{30}H_{40}O_6$

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: $[\alpha]_D^{24} +159$ (c, 0.34 in $CHCl_3$)

>>Derivative: 10',11'-Diepimer

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

Molecular Formula: $C_{30}H_{40}O_6$

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: $[\alpha]_D^{24} +107$ (c, 0.62 in $CHCl_3$)