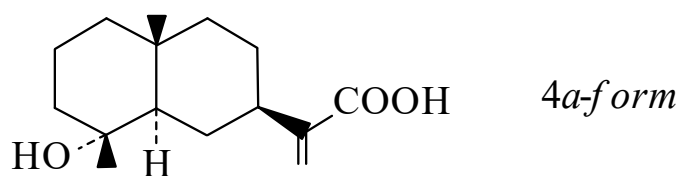




>>Entry Name: 4-Hydroxy-11(13)-eudesmen-12-oic acid



Molecular Formula: C₁₅H₂₄O₃

Molecular Weight: 252.353

Accurate Mass: 252.172545

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

>>Variant: 4α-form

Synonym(s): Illicic acid. Vachanic acid

CAS Registry Number: 4586-68-9

Molecular Formula: C₁₅H₂₄O₃

Molecular Weight: 252.353

Accurate Mass: 252.172545

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Constit. of *Ambrosia ilicifolia*

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 176-177°

Optical Rotation: [α]_D³¹ -35.1 (c, 1.372 in CHCl₃)

>>Derivative: Me ester

Molecular Formula: C₁₆H₂₆O₃

Molecular Weight: 266.38

Accurate Mass: 266.188195

Percentage Composition: C 72.14%; H 9.84%; O 18.02%

Biological Source: Constit. of *Artemisia herba-alba*

Physical Description: Oil

Optical Rotation: [α]_D²³ -34 (c, 3.3 in CHCl₃)

>>Variant: 4β-form

Synonym(s): Epiillicic acid

Molecular Formula: C₁₅H₂₄O₃

Molecular Weight: 252.353

Accurate Mass: 252.172545

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Constit. of *Aleantara ekmaniana*

Physical Description: Gum

>>Variant: (4α,7βH)-form

Synonym(s): 7-Epiillicic acid

Molecular Formula: C₁₅H₂₄O₃

Molecular Weight: 252.353

Accurate Mass: 252.172545

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Isol. from *Jasonia candicans*

Physical Description: Oil

Optical Rotation: [α]_D²⁵ +20.9 (c, 3.9 in CHCl₃)

UV: [neutral] λ_{max} 220 () (MeOH)

References: