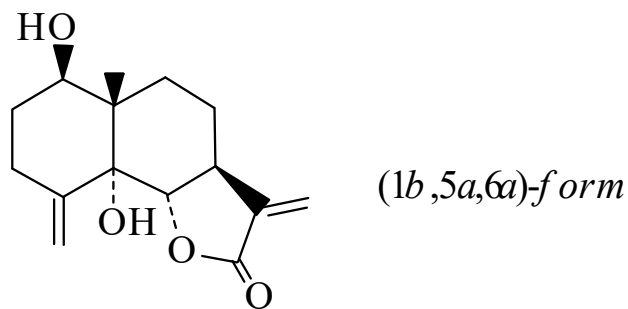




>>Entry Name: 1,5-Dihydroxy-4(15),11(13)-eudesmadien-12,6-olide



Molecular Formula: C₁₅H₂₀O₄

Molecular Weight: 264.321

Accurate Mass: 264.13616

Percentage Composition: C 68.16%; H 7.63%; O 24.21%

>>Variant: (1β,5α,6α)-form

Synonym(s): Tanacetin

CAS Registry Number: 1401-54-3

Molecular Formula: C₁₅H₂₀O₄

Molecular Weight: 264.321

Accurate Mass: 264.13616

Percentage Composition: C 68.16%; H 7.63%; O 24.21%

Biological Source: Constit. of *Tanacetum vulgare*

Physical Description: Cryst. (CHCl₃/Me₂CO)

Melting Point: Mp 205-206°

Optical Rotation: [α]_D²⁵+154 (c, 0.15 in EtOH)

>>Derivative: 11α,13-Dihydro

Synonym(s): (11β)-1β,5α-Dihydroxy-4(15)-eudesmen-12,6α-olide. **Arsubin**

CAS Registry Number: 36312-98-8

Molecular Formula: C₁₅H₂₂O₄

Molecular Weight: 266.336

Accurate Mass: 266.15181

Percentage Composition: C 67.65%; H 8.33%; O 24.03%

Biological Source: Isol. from *Artemisia fragrans* and *Artemisia transiliensis*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 233-234°

Optical Rotation: [α]_D²⁰+217.2 (c, 1 in EtOH)

>>Derivative: 11β,13-Dihydro

Synonym(s): (11α)-1β,5α-Dihydroxy-4(15)-eudesmen-12,6α-olide. **Artemin**

CAS Registry Number: 22149-38-8

Molecular Formula: C₁₅H₂₂O₄

Molecular Weight: 266.336

Accurate Mass: 266.15181

Percentage Composition: C 67.65%; H 8.33%; O 24.03%

Biological Source: Constit. of *Artemisia* spp.

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 238-240°

Optical Rotation: [α]_D+167 (c, 0.5 in CHCl₃)