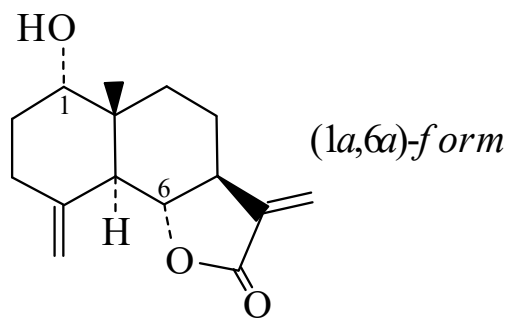




>>Entry Name: 1-Hydroxy-4(15),11(13)-eudesmadien-12,6-olide



Molecular Formula: C₁₅H₂₀O₃

Molecular Weight: 248.321

Accurate Mass: 248.141245

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

>>Variant: (1α,6α)-form

Molecular Formula: C₁₅H₂₀O₃

Molecular Weight: 248.321

Accurate Mass: 248.141245

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

Biological Source: Constit. of *Schistostephium rotundifolium*

Physical Description: Gum

Optical Rotation: $[\alpha]_D^{24} +132$ (c, 0.75 in CHCl₃)

>>Variant: (1β,6α)-form

Synonym(s): Reynosin

CAS Registry Number: 28254-53-7

Molecular Formula: C₁₅H₂₀O₃

Molecular Weight: 248.321

Accurate Mass: 248.141245

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

Biological Source: Constit. of *Ambrosia confertiflora*, *Magnolia grandiflora* and *Sassurea lappa*

Biological Use/Importance: Shows antimycobacterial props. Inhibits CINC-1

Physical Description: Cryst. (C₆H₆/cyclohexane)

Melting Point: Mp 145-146°

Optical Rotation: $[\alpha]_D^{25} +180$ (c, 0.12 in EtOH)

>>Derivative: 1-O-β-D-Glucopyranoside

Synonym(s): Sonchuside D

CAS Registry Number: 111618-85-0

Molecular Formula: C₂₁H₃₀O₈

Molecular Weight: 410.463

Accurate Mass: 410.19407

Percentage Composition: C 61.45%; H 7.37%; O 31.18%

Biological Source: Constit. of *Sonchus oleraceus* and *Sonchus asper*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{25} +64.3$ (c, 0.14 in MeOH)