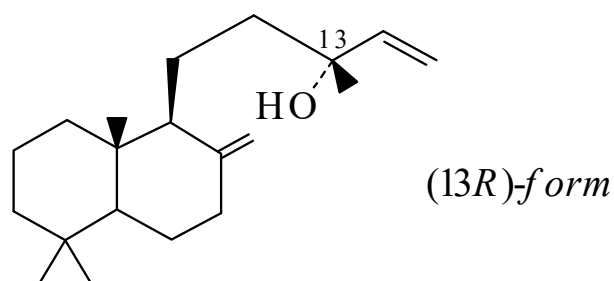




>>Entry Name: 8(17),14-Labdadien-13-ol



Molecular Formula: C₂₀H₃₄O

Molecular Weight: 290.488

Accurate Mass: 290.260965

Percentage Composition: C 82.70%; H 11.80%; O 5.51%

>>Variant: (13R)-form

Synonym(s): Manool

CAS Registry Number: 596-85-0

Molecular Formula: C₂₀H₃₄O

Molecular Weight: 290.488

Accurate Mass: 290.260965

Percentage Composition: C 82.70%; H 11.80%; O 5.51%

Biological Source: Constit. of *Dacrydium biforme*, *Dacrydium kirkii*, *Dacrydium bidwilli*, *Cupressus sempervirens*, *Cupressus torulosa*, and *Tetraclinis articulata*

Physical Description: Cryst.

Melting Point: Mp 53°

Boiling Point: Bp_{0.2} 144-145°

Optical Rotation: [α]_D¹⁹+30.4

>>Variant: (13S)-form

Synonym(s): 13-Epimanool. 13-*epi*-Manool

CAS Registry Number: 1438-62-6

Molecular Formula: C₂₀H₃₄O

Molecular Weight: 290.488

Accurate Mass: 290.260965

Percentage Composition: C 82.70%; H 11.80%; O 5.51%

Biological Source: Constit. of *Pinus contorta* and *Larix decidua*

Physical Description: Cryst. (hexane)

Melting Point: Mp 36.5-38.5°

Optical Rotation: [α]_D²³+51 (c, 1.3 in CHCl₃)

>>Variant: (*ent*-13R)-form

Molecular Formula: C₂₀H₃₄O

Molecular Weight: 290.488

Accurate Mass: 290.260965

Percentage Composition: C 82.70%; H 11.80%; O 5.51%

>>Derivative: 13-*O*-β-D-Xylopyranonide

Molecular Formula: C₂₅H₄₂O₅

Molecular Weight: 422.604

Accurate Mass: 422.303225

Percentage Composition: C 71.05%; H 10.02%; O 18.93%

Biological Source: Constit. of *Cupressus trihecatactis* and *Haplopappus diplopappus*

Physical Description: Oil

Optical Rotation: [α]_D −37 (c, 1.18 in MeOH)

>>Derivative: 13-*O*-(3-*O*-Acetyl-β-D-xylopyranoside)