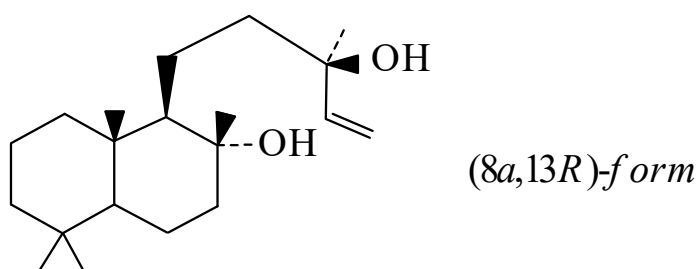




>>Entry Name: 14-Labdene-8,13-diol



Molecular Formula: C₂₀H₃₆O₂

Molecular Weight: 308.503

Accurate Mass: 308.27153

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

>>Variant: (8 α ,13 R)-form

Synonym(s): 13-Episclareol. 13-*epi*-Sclareol. Isosclareol

CAS Registry Number: 4630-08-4

Molecular Formula: C₂₀H₃₆O₂

Molecular Weight: 308.503

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

Biological Source: Constit. of *Polemonium viscosum*

Physical Description: Needles (MeOH aq.)

Melting Point: Mp 125-127°

Optical Rotation: [α]_D +6.6 (c, 0.016 in CHCl₃)

>>Variant: (8 α ,13 S)-form

Synonym(s): Sclareol

CAS Registry Number: 515-03-7

Molecular Formula: C₂₀H₃₆O₂

Molecular Weight: 308.503

Accurate Mass: 308.27153

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

Biological Source: Constit. of *Salvia sclarea*. Also from *Salvia schimperi*

Use/Importance: Intermed. used in perfumery industry for manuf. of synthetic ambergris odorants. A potent inhibitor of growth of rust fungi

Physical Description: Cryst. (petrol)

Melting Point: Mp 105.5-106°

Optical Rotation: [α]_D¹⁸ -6.25 (EtOH)

Aldrich: 35799-5

>>Derivative: 13-(6-Deoxy- α -L-idopyranoside)

CAS Registry Number: 77451-20-8

Molecular Formula: C₂₆H₄₆O₆

Molecular Weight: 454.646

Accurate Mass: 454.32944

Percentage Composition: C 68.69%; H 10.20%; O 21.11%

Biological Source: Constit. of *Aster spathulifolius*

Physical Description: Cryst.

Optical Rotation: [α]_D -33.2 (MeOH)

>>Variant: (*ent*-8 α ,13 S)-form

Synonym(s): *ent*-Sclareol