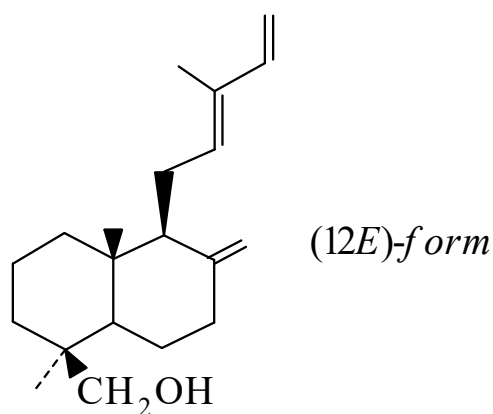




>>Entry Name: 8(17),12,14-Labdatrien-19-ol



Molecular Formula: C₂₀H₃₂O

Molecular Weight: 288.472

Accurate Mass: 288.245315

Percentage Composition: C 83.27%; H 11.18%; O 5.55%

>>Variant: (12*E*)-form

Synonym(s): Elliotinol

CAS Registry Number: 10178-31-1

Molecular Formula: C₂₀H₃₂O

Molecular Weight: 288.472

Accurate Mass: 288.245315

Percentage Composition: C 83.27%; H 11.18%; O 5.55%

Biological Source: Constit. of the oleoresin of slash pine (*Pinus elliottii*) and of *Agathis australis*

Physical Description: Cryst. by subl.

Melting Point: Mp 14-15°

Optical Rotation: $[\alpha]_D^{25} +14$ (c, 2 in EtOH)

>>Derivative: *p*-Nitrobenzoyl

Physical Description: Cryst. (EtOH)

Melting Point: Mp 128-130°

Optical Rotation: $[\alpha]_D^{25} +74$ (c, 2 in EtOH)

>>Derivative: Carboxylic acid

Synonym(s): 8(17),12*E*,14-Labdatrien-19-oic acid. **Communic acid**

CAS Registry Number: 2761-77-5

Molecular Formula: C₂₀H₃₀O₂

Molecular Weight: 302.456

Accurate Mass: 302.22458

Percentage Composition: C 79.42%; H 10.00%; O 10.58%

Biological Source: Constit. of *Juniperus*, *Cupressus*, *Pinus* spp. etc., also *Hermas villosa* and *Agathis australis*

Physical Description: Plates (Me₂CO/petrol) or oil

Optical Rotation: $[\alpha]_D^{25} +40$ (c, 1 in EtOH)

>>Derivative: Carboxylic acid, Me ester

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 105-106°

Optical Rotation: $[\alpha]_D +45$ (c, 2 in CHCl₃)

>>Variant: (12*Z*)-form

Synonym(s): Communol

CAS Registry Number: 1156-07-6