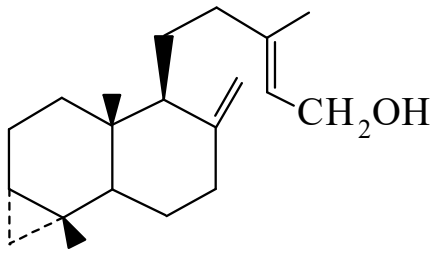
>>**Entry Name: 8(17),13-Gnaphaladien-15-ol**
Synonym(s): 3,18-Cyclo-8(17),13-labdadien-15-ol



(3*a*,4*a*,13*E*)-*form*

Molecular Formula: $C_{20}H_{32}O$
Molecular Weight: 288.472
Accurate Mass: 288.245315
Percentage Composition: C 83.27%; H 11.18%; O 5.55%

>>**Variant:** (3α,4α,13*E*)-form

Molecular Formula: $C_{20}H_{32}O$
Molecular Weight: 288.472
Accurate Mass: 288.245315
Percentage Composition: C 83.27%; H 11.18%; O 5.55%

>>**Derivative:** Carboxylic acid
Synonym(s): 8(17),13-Gnaphaladien-15-oic acid. **Cycloanticopalic acid.** Metasequoic acid B

CAS Registry Number: 109291-60-3

Molecular Formula: $C_{20}H_{30}O_2$
Molecular Weight: 302.456
Accurate Mass: 302.22458
Percentage Composition: C 79.42%; H 10.00%; O 10.58%
Biological Source: Constit. of *Pinus strobus* and *Metasequoia glyptostroboides*
Physical Description: Cryst.
Melting Point: Mp 124-125°
Optical Rotation: $[\alpha]_D$ +94
Solubility: BERDY SOL: Sol. MeOH, hexane, $CHCl_3$; poorly sol. H_2O

>>**Derivative:** Carboxylic acid, Me ester

CAS Registry Number: 109291-62-5
Optical Rotation: $[\alpha]_D^{20}$+87.5 (c, 1.4 in $CHCl_3$)

>>**Variant:** (3β,4β,13*E*)-form

Molecular Formula: $C_{20}H_{32}O$
Molecular Weight: 288.472
Accurate Mass: 288.245315
Percentage Composition: C 83.27%; H 11.18%; O 5.55%

>>**Derivative:** Carboxylic acid
Synonym(s): Metasequoic acid A

CAS Registry Number: 113626-22-5

Molecular Formula: $C_{20}H_{30}O_2$
Molecular Weight: 302.456
Accurate Mass: 302.22458
Percentage Composition: C 79.42%; H 10.00%; O 10.58%
Biological Source: Constit. of *Metasequoia glyptostroboides*
Physical Description: Cryst.
Melting Point: Mp 112-113°
Optical Rotation: $[\alpha]_D$ +36.3
Solubility: BERDY SOL: Sol. MeOH, $CHCl_3$, hexane; poorly sol. H_2O

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