>>**Derivative:** 15,19-Di-Ac
Synonym(s): 15,19-Diacetylagathadiol

Molecular Formula: $C_{24}H_{38}O_4$
Molecular Weight: 390.562
Accurate Mass: 390.27701
Percentage Composition: C 73.81%; H 9.81%; O 16.39%
Biological Source: Constit. of *Cryptomeria japonica*
Physical Description: Oil
Optical Rotation: $[\alpha]_D^{28}$+19 (c, 1 in $CHCl_3$)

>>**Derivative:** 15-Aldehyde
Synonym(s): 19-Hydroxy-8(17),13*E*-labdadien-15-al

CAS Registry Number: 10266-89-4

Molecular Formula: $C_{20}H_{32}O_2$
Molecular Weight: 304.472
Accurate Mass: 304.24023
Percentage Composition: C 78.90%; H 10.59%; O 10.51%
Biological Source: Isol. from *Juniperus thurifera*
Physical Description: Cryst.
Melting Point: Mp 112°
Optical Rotation: $[\alpha]_D^{23}$+26.8 ($CHCl_3$)

>>**Derivative:** 19-Aldehyde
Synonym(s): 15-Hydroxy-8(17),13*E*-labdadien-19-al. **Agatholal.** Contortolal. Isoagatholal

CAS Registry Number: 3650-31-5

Molecular Formula: $C_{20}H_{32}O_2$
Molecular Weight: 304.472
Accurate Mass: 304.24023
Percentage Composition: C 78.90%; H 10.59%; O 10.51%
Biological Source: Consist. of *Thujopsis dolabrata* and *Pinus contorta*
Physical Description: Oil
Optical Rotation: $[\alpha]_D$ +22.5 (c, 1 in $CHCl_3$)

>>**Derivative:** 19-Aldehyde, 15-*O*-β-D-xylopyranoside
Synonym(s): Isoagatholal xylopyranoside

CAS Registry Number: 73493-46-6

Molecular Formula: $C_{25}H_{40}O_6$
Molecular Weight: 436.587
Accurate Mass: 436.28249
Percentage Composition: C 68.78%; H 9.23%; O 21.99%
Biological Source: Isol. from *Thujopsis dolabrata*
Physical Description: Amorph. solid (EtOAc)
Melting Point: Mp 132-140 dec.°
Optical Rotation: $[\alpha]_D^{24}$–35 (c, 1 in $CHCl_3$)

>>**Derivative:** 15-Carboxylic acid
Synonym(s): 19-Hydroxy-8(17),13*E*-labdadien-15-oic acid. **Agatholic acid**

CAS Registry Number: 25671-16-3

Molecular Formula: $C_{20}H_{32}O_3$
Molecular Weight: 320.471
Accurate Mass: 320.235145
Percentage Composition: C 74.96%; H 10.06%; O 14.98%
Biological Source: Constit. of Manila copal
Physical Description: Cryst. (MeOH/EtOAc)
Melting Point: Mp 184-186°
Optical Rotation: $[\alpha]_D$ +42 (c, 2 in EtOH)