



Synonym(s): 15-Octadecanoyloxy-8(17)-labden-19-oic acid

Molecular Formula: C₃₈H₆₈O₄

Molecular Weight: 588.953

Accurate Mass: 588.51176

Percentage Composition: C 77.50%; H 11.64%; O 10.87%

Biological Source: Constit. of *Juniperus formosana*

Physical Description: Amorph. solid

Optical Rotation: [α]_D²⁰ +23.4 (c, 0.7 in CHCl₃)

>> **Derivative:** Dicarboxylic acid

Synonym(s): 8(17)-Labdene-15,19-dioic acid. **Mercusic acid.** Junicedric acid. *ent*-Oliveric acid

CAS Registry Number: 41787-69-3

Molecular Formula: C₂₀H₃₂O₄

Molecular Weight: 336.47

Accurate Mass: 336.23006

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Isol. from *Pinus merkusii*, *Juniperus oxycedrus* and *Brickellia glomerata*

Physical Description: Cryst. (EtOH/EtOAc) or gum

Melting Point: Mp 121-128°

Optical Rotation: [α]_D +33.8 (c, 1 in EtOH)

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

Molecular Formula: C₂₀H₃₆O₂

Molecular Weight: 308.503

Accurate Mass: 308.27153

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

Biological Source: Isol. from *Aristeguietia buddleaefolia* and a *Trachylobium* sp.

>> **Derivative:** 15-Carboxylic acid, 19-(2-Methylbutanoyl)

CAS Registry Number: 137960-43-1

Molecular Formula: C₂₅H₄₂O₄

Molecular Weight: 406.604

Accurate Mass: 406.30831

Percentage Composition: C 73.85%; H 10.41%; O 15.74%

Biological Source: Constit. of *Aristeguietia buddleaefolia*

>> **Derivative:** 15-Me ether

Synonym(s): *ent*-15-Methoxy-8(17)-labden-19-ol

Molecular Formula: C₂₁H₃₈O₂

Molecular Weight: 322.53

Accurate Mass: 322.28718

Percentage Composition: C 78.20%; H 11.87%; O 9.92%

Biological Source: Constit. of *Aristeguietia buddleaefolia*

>> **Derivative:** 19-Me ether

Synonym(s): *ent*-19-Methoxy-8(17)-labden-15-ol

CAS Registry Number: 137960-41-9

Molecular Formula: C₂₁H₃₈O₂

Molecular Weight: 322.53

Accurate Mass: 322.28718

Percentage Composition: C 78.20%; H 11.87%; O 9.92%

Biological Source: Constit. of *Aristeguietia buddleaefolia*

>> **Derivative:** 19-Aldehyde

Synonym(s): *ent*-15-Hydroxy-8(17)-labden-19-al

CAS Registry Number: 138126-23-5