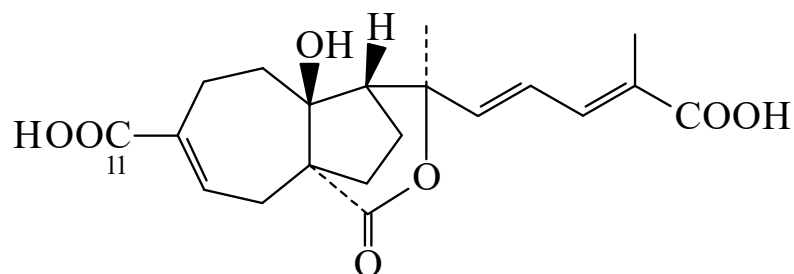




>>Entry Name: 10-Hydroxy-3,15,17-sphenolobatrien-12,13-olide-11,19-dioic acid



Molecular Formula: C₂₀H₂₄O₇

Molecular Weight: 376.405

Accurate Mass: 376.152205

Percentage Composition: C 63.82%; H 6.43%; O 29.75%

>>Variant: (17*E*)-form

Molecular Formula: C₂₀H₂₄O₇

Molecular Weight: 376.405

Accurate Mass: 376.152205

Percentage Composition: C 63.82%; H 6.43%; O 29.75%

>>Derivative: 11-Me ester

Synonym(s): Pseudolaric acid C

CAS Registry Number: 82601-41-0

Molecular Formula: C₂₁H₂₆O₇

Molecular Weight: 390.432

Accurate Mass: 390.167855

Percentage Composition: C 64.60%; H 6.71%; O 28.69%

Biological Source: Constit. of *Pseudolarix kaempferi*

Physical Description: Cryst.

Melting Point: Mp 220-222°

UV: [neutral] λ_{max} 288 (ε 34000) (EtOH) (Berdy)

>>Derivative: Ac

Synonym(s): Pseudolaric acid C₂

CAS Registry Number: 82508-35-8

Molecular Formula: C₂₂H₂₆O₈

Molecular Weight: 418.443

Accurate Mass: 418.16277

Percentage Composition: C 63.15%; H 6.26%; O 30.59%

Biological Source: From *Pseudolarix kaempferi*

>>Derivative: Ac, 11-Me ester

Synonym(s): Pseudolaric acid B

CAS Registry Number: 82508-31-4

Molecular Formula: C₂₃H₂₈O₈

Molecular Weight: 432.469

Accurate Mass: 432.17842

Percentage Composition: C 63.88%; H 6.53%; O 29.60%

Biological Source: From *Pseudolarix kaempferi*

Physical Description: Cryst.

Melting Point: Mp 165-167°

UV: [neutral] λ_{max} 255 (ε 692); 258 (ε 32000) (MeOH) (Berdy) [neutral] λ_{max} 256 (ε 21400) (EtOH) (Berdy)

Hazard & Toxicity: BERDY HAZD : LD₅₀ (mus, ivn) 423 mg/kg , LD₅₀ (mus, ipr) 316 mg/kg

References: