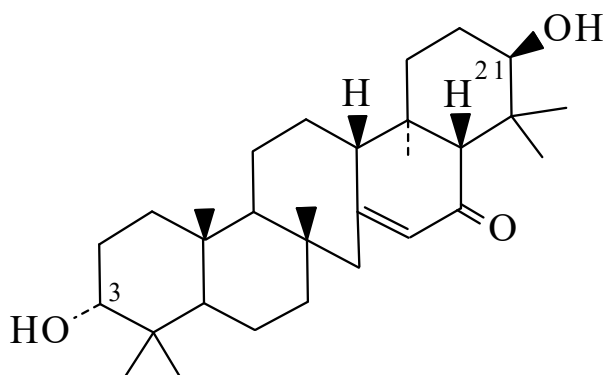




>>Entry Name: 3,21-Dihydroxy-14-serratene-16-one



Molecular Formula: C₃₀H₄₈O₃

Molecular Weight: 456.707

Accurate Mass: 456.360345

Percentage Composition: C 78.90%; H 10.59%; O 10.51%

>>Variant: (3 α ,21 β)-form

CAS Registry Number: 24513-51-7

Type of Compound Code(s): VS9000

Molecular Formula: C₃₀H₄₈O₃

Molecular Weight: 456.707

Accurate Mass: 456.360345

Percentage Composition: C 78.90%; H 10.59%; O 10.51%

Biological Source: Constit. of *Lycopodium clavatum*

Physical Description: Cryst.

Melting Point: Mp 318-323°

>>Derivative: 3-Me ether

Synonym(s): 3-Methoxy-14-serratene-16-one

CAS Registry Number: 261787-44-4

Type of Compound Code(s): VS9000

Molecular Formula: C₃₁H₅₀O₃

Molecular Weight: 470.734

Accurate Mass: 470.375995

Percentage Composition: C 79.10%; H 10.71%; O 10.20%

Biological Source: Constit. of *Picea jezoensis* var. *hondoensis*

Physical Description: Cryst. (MeOH/CHCl₃)

Melting Point: Mp 320-322°

Optical Rotation: [α]_D -83 (c, 0.13 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 230 (sh) (ϵ 3500); 272 (ϵ 8000) (EtOH)

>>Variant: (3 β ,21 α)-form

Synonym(s): 16-Oxoserratenediol

CAS Registry Number: 24513-52-8

Type of Compound Code(s): VS9000

Molecular Formula: C₃₀H₄₈O₃

Molecular Weight: 456.707

Accurate Mass: 456.360345

Percentage Composition: C 78.90%; H 10.59%; O 10.51%

Biological Source: Constit. of *Lycopodium clavatum*

Physical Description: Cryst.

Melting Point: Mp 294-297°

>>Variant: (3 β ,21 β)-form

Type of Compound Code(s): VS9000

Molecular Formula: C₃₀H₄₈O₃

Molecular Weight: 456.707

Accurate Mass: 456.360345

Percentage Composition: C 78.90%; H 10.59%; O 10.51%

Biological Source: Constit. of *Lycopodium clavatum*

Physical Description: Cryst.

Melting Point: Mp 300-304°