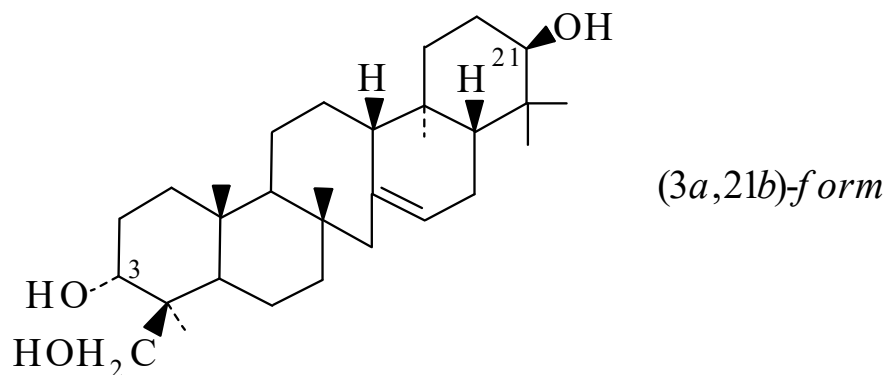




>>Entry Name: 14-Serratene-3,21,24-triol



Molecular Formula: C₃₀H₅₀O₃

Molecular Weight: 458.723

Accurate Mass: 458.375995

Percentage Composition: C 78.55%; H 10.99%; O 10.46%

>>Variant: (3 α ,21 β)-form

Synonym(s): Lycoclavanol

CAS Registry Number: 13956-51-9

Molecular Formula: C₃₀H₅₀O₃

Molecular Weight: 458.723

Accurate Mass: 458.375995

Percentage Composition: C 78.55%; H 10.99%; O 10.46%

Biological Source: From *Lycopodium clavatum*

Melting Point: Mp 308-310°

Optical Rotation: [α]_D -23.1 (CHCl₃)

>>Variant: (3 β ,21 α)-form

Synonym(s): Serratriol

CAS Registry Number: 13956-52-0

Molecular Formula: C₃₀H₅₀O₃

Molecular Weight: 458.723

Accurate Mass: 458.375995

Percentage Composition: C 78.55%; H 10.99%; O 10.46%

Biological Source: Constit. of *Lycopodium serratum*

Physical Description: Cryst.

Melting Point: Mp 335-336°

>>Variant: (3 β ,21 β)-form

Synonym(s): 21-Episerratriol

CAS Registry Number: 24513-57-3

Molecular Formula: C₃₀H₅₀O₃

Molecular Weight: 458.723

Accurate Mass: 458.375995

Percentage Composition: C 78.55%; H 10.99%; O 10.46%

Biological Source: Constit. of *Lycopodium serratum*

Physical Description: Cryst.

Melting Point: Mp 330-333°

References:

Tsuda, Y. *et al.*, *Chem. Pharm. Bull.*, 1974, **22**, 2383

Seto, H. *et al.*, *Agric. Biol. Chem.*, 1988, **52**, 1797, (cmr)