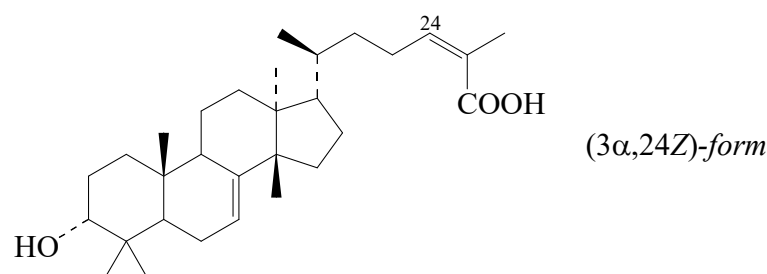




>>Entry Name: 3-Hydroxytirucalla-7,24-dien-26-oic acid
ENTRY UNDER REVIEW



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 ,24Z)-form
Synonym(s): 3-Epimasticadienolic acid

Molecular Formula: C₃₀H₄₈O₃
Molecular Weight: 456.707
Accurate Mass: 456.360345
Percentage Composition: C 78.90%; H 10.59%; O 10.51%
Biological Source: Isol. from terebinth (*Pistacia terebinthus*)
Physical Description: Cryst. (as Me ester)
Melting Point: Mp 122-123° (Me ester)
Optical Rotation: [α]_D -44 (CHCl₃) (Me ester)

>>Variant: (3 β ,24Z)-form
Synonym(s): Masticadienolic acid

CAS Registry Number: 472-30-0

Molecular Formula: C₃₀H₄₈O₃
Molecular Weight: 456.707
Accurate Mass: 456.360345
Percentage Composition: C 78.90%; H 10.59%; O 10.51%
Biological Source: Isol. from terebinth (*Pistacia terebinthus*)
Physical Description: Cryst. (as Me ester)
Melting Point: Mp 122-123° (Me ester)
Optical Rotation: [α]_D -44 (CHCl₃) (Me ester)

>>Derivative: 3-Ketone
Synonym(s): 3-Oxotirucalla-7,24-dien-26-oic acid. **Masticadienonic acid.** Terebinthone

CAS Registry Number: 514-49-8

Biological Source: Constit. of *Schinus terebinthifolius*, gum mastic, *Pistacia* spp. and *Dysoxylum pettigrewianum*
Physical Description: Cryst. (Et₂O/petrol)
Melting Point: Mp 181-183°
Optical Rotation: [α]_D -76 (c, 1.35 in CHCl₃)

>>Variant: (24E)-form

Molecular Formula: C₃₀H₄₈O₃
Molecular Weight: 456.707
Accurate Mass: 456.360345
Percentage Composition: C 78.90%; H 10.59%; O 10.51%

>>Derivative: 3-Ketone
Synonym(s): Adenophoric acid

CAS Registry Number: 66052-86-6

Biological Source: Constit. of *Simarouba amara* and *Dysoxylum pettigrewianum*
Physical Description: Cryst.
Melting Point: Mp 170-174°
Optical Rotation: [α]