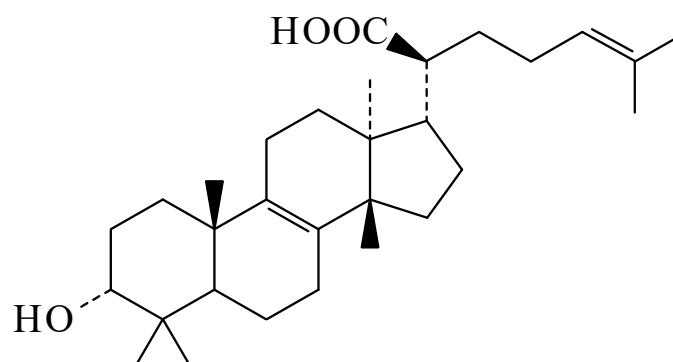




>>Entry Name: 3-Hydroxytirucalla-8,24-dien-21-oic acid



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 -form

Synonym(s): α -Elemolic acid. Elemadienolic acid

CAS Registry Number: 28282-27-1

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 elemi resin (from *Canarium* spp.)

Physical Description: Needles (Me₂CO/EtOH)

Melting Point: Mp 220-224°

Optical Rotation: [α]_D²⁰ -15 (CHCl₃). [α]_D -25.6 (MeOH)

>>Derivative: Me ester

Physical Description: Cryst. (MeOH)

Melting Point: Mp 149-150°

Optical Rotation: [α]_D²⁰ -11 (c, 1 in CHCl₃)

>>Variant: 3 β -form

Synonym(s): β -Elemolic acid

CAS Registry Number: 28282-54-4

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 elemi resin

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 198-201°

Optical Rotation: [α]_D -6 (CHCl₃)

>>Derivative: Me ester

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 117-118°

Optical Rotation: [α]_D²⁰ -2 (c, 1 in CHCl₃)