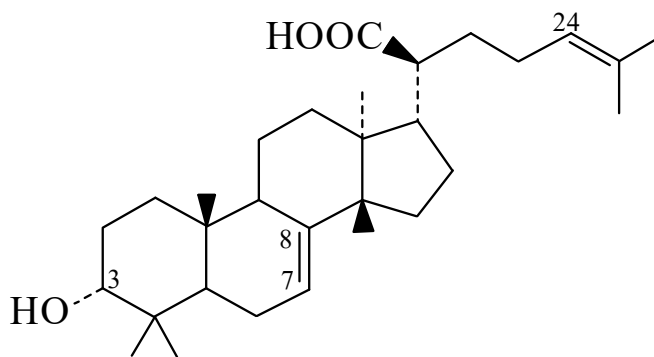




>>Entry Name: 3-Hydroxytirucalla-7,24-dien-21-oic acid



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

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.)

>>Derivative: Me ester

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 147-149°

Optical Rotation: [α]_D²⁰ -34 (c, 1.1 in CHCl₃)

>>Derivative: 3-Ketone

Synonym(s): 3-Oxotirucalla-7,24-dien-21-oic acid

CAS Registry Number: 82464-35-5

Molecular Formula: C₃₀H₄₆O₃

Molecular Weight: 454.692

Accurate Mass: 454.344695

Percentage Composition: C 79.25%; H 10.20%; O 10.56%

Biological Source: Constit. of *Aucoumea klaineana*

Physical Description: Cryst.

Melting Point: Mp 250°

References:

Cotterrell, G.P. *et al.*, *J.C.S.(C)*, 1970, 739

Tessier, A.M. *et al.*, *Planta Med.*, 1982, **44**, 215, (3-ketone)