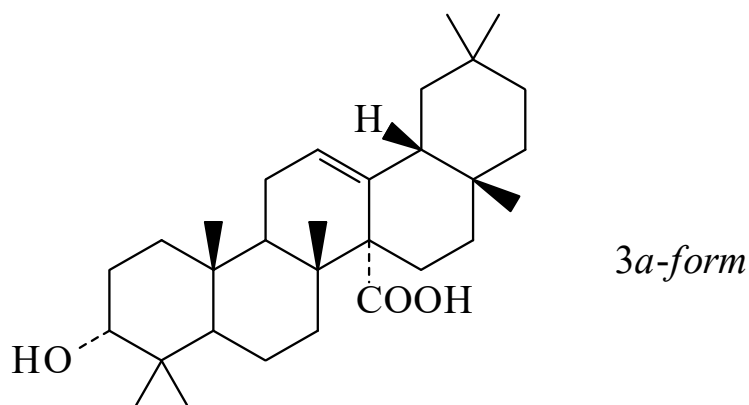




>>Entry Name: 3-Hydroxy-12-oleanen-27-oic acid



Molecular Formula: C₃₀H₄₈O₃

Molecular Weight: 456.707

Accurate Mass: 456.360345

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

>>Variant: 3α-form

CAS Registry Number: 64652-15-9

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 *Cordia alliodora*

Use/Importance: Ant repellent

Physical Description: Needles (MeOH)

Melting Point: Mp 235-238° (211-212°)

Optical Rotation: [α]_D +120 (CHCl₃)

>>Derivative: 3-Ketone

Synonym(s): 3-Oxo-12-oleanen-27-oic acid

CAS Registry Number: 86747-46-8

Molecular Formula: C₃₀H₄₆O₃

Molecular Weight: 454.692

Accurate Mass: 454.344695

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

Biological Source: Isol. from *Cordia alliodora*

Physical Description: Cryst.

Melting Point: Mp 209°

>>Variant: 3β-form

Synonym(s): β-Peltoboykinolic acid

CAS Registry Number: 24778-48-1

Molecular Formula: C₃₀H₄₈O₃

Molecular Weight: 456.707

Accurate Mass: 456.360345

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

Biological Source: Isol. from *Boykinia*, *Peltoboykinia* spp. and from rhizomes of *Astilbe rivularis*

Physical Description: Needles (MeOH)

Melting Point: Mp 227-229°

Optical Rotation: [α]_D +107 (CHCl₃)