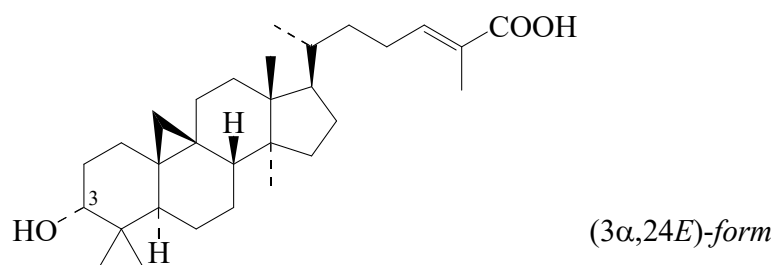




>>Entry Name: 3-Hydroxycycloart-24-en-26-oic acid



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 ,24*E*)-form

Synonym(s): Isomangiferolic acid

CAS Registry Number: 13878-92-7

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 *Mangifera indica*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 168-170°

Optical Rotation: [α]_D +29 (c, 1 in CHCl₃)

>>Derivative: 26-Aldehyde

Synonym(s): 3-Hydroxycycloart-24-en-26-al

Molecular Formula: C₃₀H₄₈O₂

Molecular Weight: 440.708

Accurate Mass: 440.36543

Percentage Composition: C 81.76%; H 10.98%; O 7.26%

Biological Source: Constit. of *Rapanea guyanensis*

Physical Description: Gum

Optical Rotation: [α]_D +10.6 (c, 1 in CHCl₃)

>>Variant: (3 β ,24*E*)-form

Synonym(s): Mangiferolic acid

CAS Registry Number: 4184-34-3

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 *Mangifera indica*

Physical Description: Cryst. (CHCl₃/MeOH)

Melting Point: Mp 181-183°

Optical Rotation: [α]_D +49 (CHCl₃)

>>Derivative: 3-Ac

Synonym(s): 3-Acetylmangiferolic acid

CAS Registry Number: 206197-08-2

Molecular Formula: C₃₂H₅₀O₄

Molecular Weight: 498.745

Accurate Mass: 498.37091

Percentage Composition: C 77.06%; H 10.10%; O 12.83%

Biological Source: Constit. of the bark of *Illicium difengpi*. Component of Di Feng Pi

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 180-182°