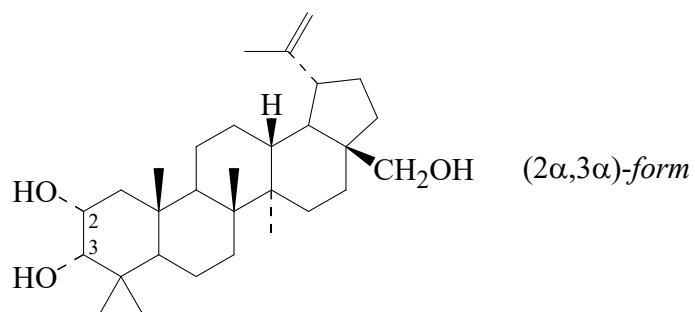




>>Entry Name: 20(29)-Lupene-2,3,28-triol



Molecular Formula: C₃₀H₅₀O₃

Molecular Weight: 458.723

Accurate Mass: 458.375995

Percentage Composition: C 78.55%; H 10.99%; O 10.46%

>>Variant: (2α,3α)-form

Molecular Formula: C₃₀H₅₀O₃

Molecular Weight: 458.723

Accurate Mass: 458.375995

Percentage Composition: C 78.55%; H 10.99%; O 10.46%

>>Derivative: 28-Carboxylic acid

Synonym(s): 2,3-Dihydroxy-20(29)-lupen-28-oic acid. **3-Epialphitolic acid**

CAS Registry Number: 97762-86-2

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Biological Source: Constit. of *Euonymus revolutus*

Physical Description: Cryst. (CHCl₃/MeOH)

Melting Point: Mp 298-300°

>>Variant: (2α,3β)-form

CAS Registry Number: 169134-54-7

Molecular Formula: C₃₀H₅₀O₃

Molecular Weight: 458.723

Accurate Mass: 458.375995

Percentage Composition: C 78.55%; H 10.99%; O 10.46%

Biological Source: Constit. of *Rheum rhabarbarum*

Physical Description: Needles (MeOH)

Melting Point: Mp 258-260°

Optical Rotation: [α]_D +11 (c, 0.6 in CHCl₃/MeOH)

UV: [neutral] λ_{max} 261 (log ε 3.87); 296 (log ε 3.65) (MeOH)

>>Derivative: 3,28-Dihexadecanoyl

CAS Registry Number: 169134-55-8

Molecular Formula: C₆₂H₁₁₀O₅

Molecular Weight: 935.548

Accurate Mass: 934.835325

Percentage Composition: C 79.60%; H 11.85%; O 8.55%

Biological Source: Constit. of *Rheum rhabarbarum*

Physical Description: Wax

Optical Rotation: [α]_D +5 (c, 0.75 in CHCl₃/MeOH)

>>Derivative: 28-Carboxylic acid

Synonym(s): Alphitolic acid

CAS Registry Number: 19533-92-7