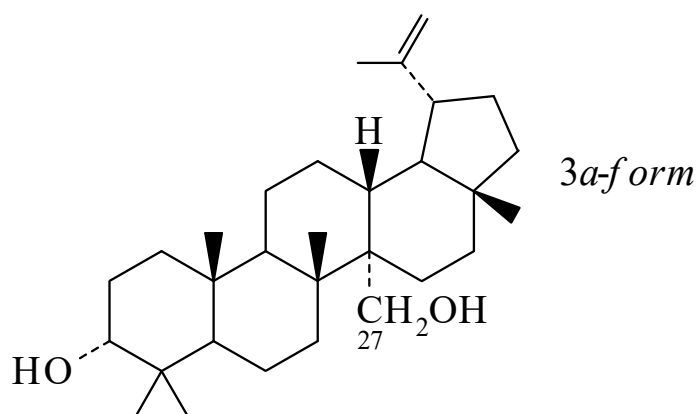




>>Entry Name: 20(29)-Lupene-3,27-diol



Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

Percentage Composition: C 81.39%; H 11.38%; O 7.23%

>>Variant: 3α-form

Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

Percentage Composition: C 81.39%; H 11.38%; O 7.23%

Biological Source: Constit. of *Diospyros peregrina*

Physical Description: Needles (C₆H₆/CHCl₃)

Melting Point: Mp 260-262°

>>Derivative: 27-Carboxylic acid

Synonym(s): 3α-Hydroxy-20(29)-lupen-27-oic acid. **Bacosine**

CAS Registry Number: 198014-94-7

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 *Bacopa monniera*

>>Variant: 3β-form

CAS Registry Number: 58940-21-9

Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

Percentage Composition: C 81.39%; H 11.38%; O 7.23%

Biological Source: Constit. of *Lithocarpus cornea* and *Sapium sebiferum*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 214-215°

Optical Rotation: [α]_D +67 (c, 0.5 in MeOH)

>>Derivative: 27-Carboxylic acid

Synonym(s): 3β-Hydroxy-20(29)-lupen-27-oic acid

CAS Registry Number: 2566-80-5

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 *Hyptis suaveolens* and *Gypsophila struthium*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 307-308°

Optical Rotation: [α]_D²⁵ +31 (Py)

References: