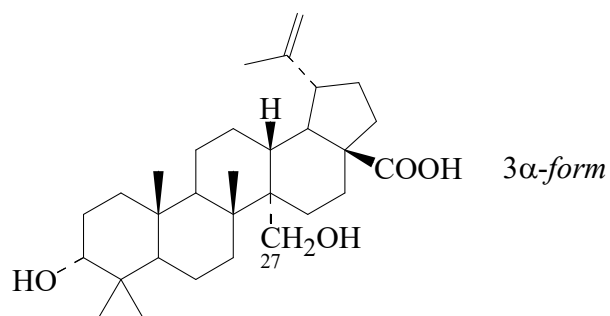




>>Entry Name: 3,27-Dihydroxy-20(29)-lupen-28-oic acid



Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

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

>>Variant: 3 α -form

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

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

>>Derivative: Me ester

CAS Registry Number: 263844-79-7

Molecular Formula: C₃₁H₅₀O₄

Molecular Weight: 486.734

Accurate Mass: 486.37091

Percentage Composition: C 76.50%; H 10.35%; O 13.15%

Biological Source: Constit. of *Peganum nigellastrum*

Physical Description: Needles (CHCl₃)

Melting Point: Mp 132-134°

Optical Rotation: [α]_D -20 (c, 0.11 in CHCl₃)

>>Derivative: 3-Ac, Me ester

CAS Registry Number: 263844-80-0

Molecular Formula: C₃₃H₅₂O₅

Molecular Weight: 528.771

Accurate Mass: 528.381475

Percentage Composition: C 74.96%; H 9.91%; O 15.13%

Biological Source: Constit. of *Peganum nigellastrum*

Physical Description: Needles (CHCl₃)

Melting Point: Mp 224-226°

Optical Rotation: [α]_D -42 (c, 0.2 in CHCl₃)

>>Derivative: 27-Carboxylic acid, 3-Ac, 28-Me ester

CAS Registry Number: 263844-81-1

Molecular Formula: C₃₃H₅₀O₆

Molecular Weight: 542.754

Accurate Mass: 542.36074

Percentage Composition: C 73.03%; H 9.29%; O 17.69%

Biological Source: Constit. of *Peganum nigellastrum*

Physical Description: Needles (Me₂CO)

Melting Point: Mp 212-215°

Optical Rotation: [α]_D +21 (c, 0.15 in CHCl₃)