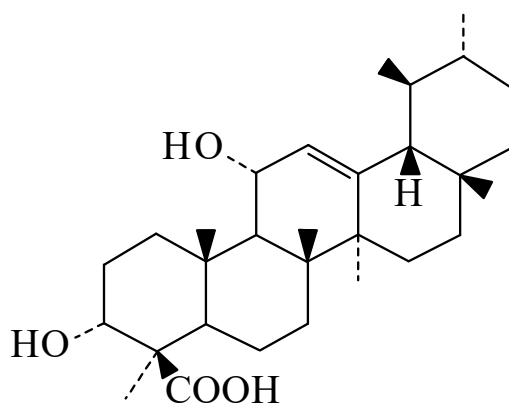




>>Entry Name: 3,11-Dihydroxy-12-ursen-24-oic acid



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 ,11 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: 3-Ac

Type of Compound Code(s): VS8650

Molecular Formula: C₃₂H₅₀O₅

Molecular Weight: 514.744

Accurate Mass: 514.365825

Percentage Composition: C 74.67%; H 9.79%; O 15.54%

Biological Source: Constit. of a resin from an unknown sp.

Physical Description: Cryst. (as Me ester)

Melting Point: Mp 210-214° (Me ester)

Optical Rotation: [α]_D +24 (c, 1 in CHCl₃) (Me ester)

>>Derivative: 11-Ketone

Synonym(s): 3-Hydroxy-11-oxo-12-ursen-24-oic acid. **11-Keto- β -boswellic acid**

CAS Registry Number: 17019-92-0

Type of Compound Code(s): VS8650

Molecular Formula: C₃₀H₄₆O₄

Molecular Weight: 470.691

Accurate Mass: 470.33961

Percentage Composition: C 76.55%; H 9.85%; O 13.60%

Biological Source: Constit. of *Boswellia carteri* and *Boswellia serrata*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 190-191°

Optical Rotation: [α]_D +77.8

>>Derivative: 11-Ketone, 3-Ac

CAS Registry Number: 67416-61-9

Type of Compound Code(s): VS8650

Molecular Formula: C₃₂H₄₈O₅

Molecular Weight: 512.728

Accurate Mass: 512.350175

Percentage Composition: C 74.96%; H 9.44%; O 15.60%

Biological Source: Isol. from *Boswellia serrata*

Physical Description: Cryst. (C₆H₆/hexane)

Melting Point: Mp 271°

Optical Rotation: [α]_D +87.3 (c, 4.2 in CHCl₃)