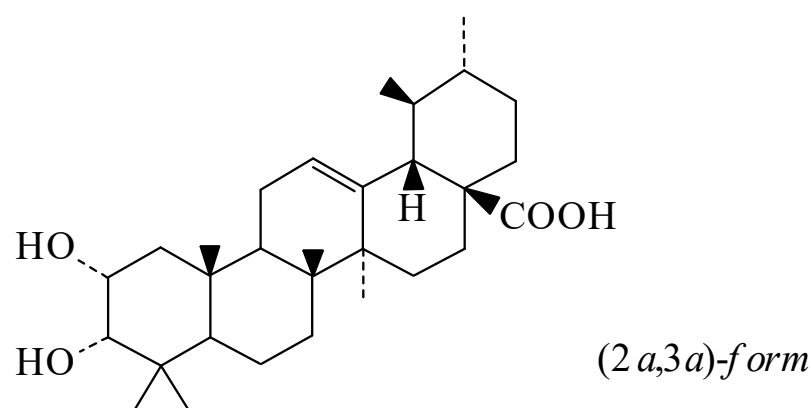




>>Entry Name: 2,3-Dihydroxy-12-ursen-28-oic acid



Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

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

>>Variant: (2 α ,3 α)-form

CAS Registry Number: 52213-27-1

Type of Compound Code(s): VS8650

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 *Prunus serotina*, *Prunus lusitanica* and *Pseudopanax arboreum*

>>Derivative: Me ester

Molecular Formula: C₃₁H₅₀O₄

Molecular Weight: 486.734

Accurate Mass: 486.37091

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

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 196-198°

Optical Rotation: $[\alpha]_D^{20} +52$ (c, 1.2 in CHCl₃)

>>Derivative: 3-Ketone

Synonym(s): 2-Hydroxy-3-oxo-12-ursen-28-oic acid

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 *Relbania calycina*

>>Variant: (2 α ,3 β)-form

Synonym(s): Corosolic acid. 2 α -Hydroxyursolic acid

CAS Registry Number: 4547-24-4

Type of Compound Code(s): VS8650

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 *Chamaenerion angustifolium*, *Tripetaleia paniculata* and a number of other plants

Physical Description: Cryst. (EtOH)

Melting Point: Mp 243-245 dec.°

Optical Rotation: $[\alpha]_D +42.1$ (c, 1 in Py)