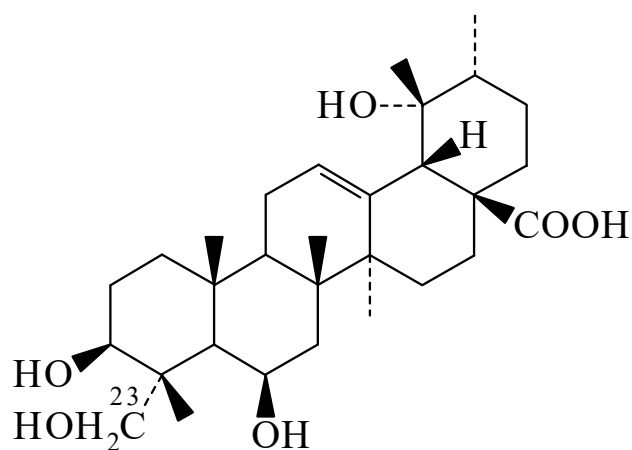




>>Entry Name: 3,6,19,23-Tetrahydroxy-12-ursen-28-oic acid



Molecular Formula: C₃₀H₄₈O₆

Molecular Weight: 504.706

Accurate Mass: 504.34509

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

>>Variant: (3β,6β)-form

CAS Registry Number: 91095-51-1

Molecular Formula: C₃₀H₄₈O₆

Molecular Weight: 504.706

Accurate Mass: 504.34509

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Constit. of *Enkianthus campanulatus*

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 226-227°

>>Derivative: 23-Aldehyde

Synonym(s): 3β,6β,19α-Trihydroxy-23-oxo-12-ursen-28-oic acid

CAS Registry Number: 131984-82-2

Molecular Formula: C₃₀H₄₆O₆

Molecular Weight: 502.69

Accurate Mass: 502.32944

Percentage Composition: C 71.68%; H 9.22%; O 19.10%

Biological Source: Constit. of *Uncaria florida* and *Uncaria tomentosa*

Physical Description: Prisms (as Me ester)

Melting Point: Mp 197-199° (Me ester)

Optical Rotation: [α]_D²⁵ -15.2 (c, 1 in MeOH)

>>Derivative: 23-Carboxylic acid

Synonym(s): 3β,6β,19α-Trihydroxy-12-ursene-23,28-dioic acid

Molecular Formula: C₃₀H₄₆O₇

Molecular Weight: 518.689

Accurate Mass: 518.324355

Percentage Composition: C 69.47%; H 8.94%; O 21.59%

Biological Source: Constit. of *Uncaria florida*

>>Derivative: 6-Ketone

Synonym(s): 3,19,23-Trihydroxy-6-oxo-12-ursen-28-oic acid

CAS Registry Number: 261768-89-2

Molecular Formula: C₃₀H₄₆O₆

Molecular Weight: 502.69

Accurate Mass: 502.32944

Percentage Composition: C 71.68%; H 9.22%; O 19.10%

Biological Source: Constit. of *Uncaria tomentosa*

Physical Description: Amorph. powder

Optical Rotation: [α]_D²⁴ +20.9 (c, 0.37 in MeOH)