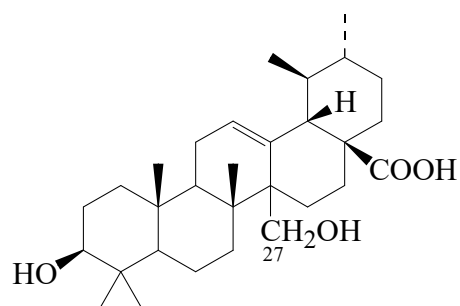




>>Entry Name: 3,27-Dihydroxy-12-ursen-28-oic acid



Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

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

>>Variant: 3β-form

Synonym(s): 27-Hydroxyursolic acid

Molecular Formula: C₃₀H₄₈O₄

Molecular Weight: 472.707

Accurate Mass: 472.35526

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

Source/Synthesis: Sapogenin from *Fagonica arabica*

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→2)-[β-D-glucopyranosyl-(1→3)]-α-L-arabinopyranoside], 28-*O*-β-D-glucopyranosyl ester

Type of Compound Code(s): VS8650

Molecular Formula: C₅₂H₈₄O₂₂

Molecular Weight: 1061.222

Accurate Mass: 1060.54543

Percentage Composition: C 58.85%; H 7.98%; O 33.17%

Biological Source: Constit. of *Fagonica arabica*

Physical Description: Amorph. powder

Optical Rotation: [α]_D²⁵ +6.3 (c, 0.4 in MeOH)

>>Derivative: 3-*O*-[α-L-Rhamnopyranosyl-(1→2)-β-D-glucopyranosyl-(1→2)-6-*O*-methyl-β-D-glucuronopyranoside], 28-*O*-β-D-glucopyranosyl ester

CAS Registry Number: 202279-07-0

Type of Compound Code(s): VS8650

Molecular Formula: C₅₅H₈₈O₂₄

Molecular Weight: 1133.286

Accurate Mass: 1132.56656

Percentage Composition: C 58.29%; H 7.83%; O 33.88%

Biological Source: Constit. of *Adina rubella*

Physical Description: Powder

Melting Point: Mp 207-209°

Optical Rotation: [α]_D²⁷ -24.6 (c, 0.004 in MeOH)

>>Derivative: 27-(4-Hydroxycinnamoyl)(*E*-)

Synonym(s): 27-Cumaroxyursolic acid. 27-Coumaroyloxursolic acid

CAS Registry Number: 73584-67-5

Type of Compound Code(s): VS8650

Molecular Formula: C₃₉H₅₄O₆

Molecular Weight: 618.852

Accurate Mass: 618.39204

Percentage Composition: C 75.69%; H 8.79%; O 15.51%

Biological Source: Isol. from *Ilex aquifolium* and *Uncaria rhynchophylla*