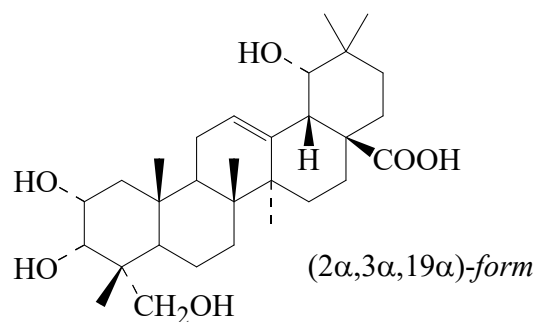




>>Entry Name: 2,3,19,23-Tetrahydroxy-12-oleanen-28-oic acid



Molecular Formula: C₃₀H₄₈O₆

Molecular Weight: 504.706

Accurate Mass: 504.34509

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

>>Variant: (2 α ,3 α ,19 α)-form

Molecular Formula: C₃₀H₄₈O₆

Molecular Weight: 504.706

Accurate Mass: 504.34509

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

>>Derivative: 28-O- β -D-Galactopyranosyl ester

CAS Registry Number: 258513-76-7

Molecular Formula: C₃₆H₅₈O₁₁

Molecular Weight: 666.848

Accurate Mass: 666.397915

Percentage Composition: C 64.84%; H 8.77%; O 26.39%

Biological Source: Constit. of *Pteleopsis hylodendron*

Physical Description: Solid

Optical Rotation: [α]_D²⁵ +30 (c, 0.02 in MeOH)

UV: [neutral] $\lambda_{\max}$ 203 (log ϵ 3.65) (MeOH)

>>Variant: (2 α ,3 β ,19 α)-form

Synonym(s): Arjungenin

CAS Registry Number: 58880-25-4

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 *Terminalia arjuna*

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 293-294 dec.°

Optical Rotation: [α]_D +29 (c, 2.6 in EtOH)

>>Derivative: 28- β -D-Glucopyranosyl ester

Synonym(s): Arjunglucoside I, Dotorioside I

CAS Registry Number: 62319-70-4

Molecular Formula: C₃₆H₅₈O₁₁

Molecular Weight: 666.848

Accurate Mass: 666.397915

Percentage Composition: C 64.84%; H 8.77%; O 26.39%

Biological Source: Isol. from *Terminalia arjuna*, *Terminalia bellerica* and *Quercus acutissima*

Physical Description: Needles (MeOH aq.)

Melting Point: Mp 231°

Optical Rotation: [α]_D +17 (c, 0.3 in Py)