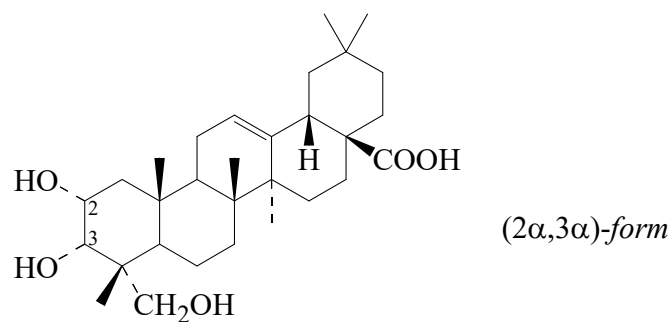




>>Entry Name: 2,3,23-Trihydroxy-12-oleanen-28-oic acid



Molecular Formula: C₃₀H₄₈O₅

Molecular Weight: 488.706

Accurate Mass: 488.350175

Percentage Composition: C 73.73%; H 9.90%; O 16.37%

>>Variant: (2 α ,3 α)-form

CAS Registry Number: 102519-34-6

Molecular Formula: C₃₀H₄₈O₅

Molecular Weight: 488.706

Accurate Mass: 488.350175

Percentage Composition: C 73.73%; H 9.90%; O 16.37%

Biological Source: Constit. of fruit of *Pseudopanax arboreum*

>>Derivative: Me ester

CAS Registry Number: 55226-63-6

Molecular Formula: C₃₁H₅₀O₅

Molecular Weight: 502.733

Accurate Mass: 502.365825

Percentage Composition: C 74.06%; H 10.02%; O 15.91%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 263-268°

Optical Rotation: [α]_D²⁰ +43 (c, 0.4 in CHCl₃)

>>Derivative: 3-Ketone

Synonym(s): 2,23-Dihydroxy-3-oxo-12-oleanen-28-oic acid. **Cyclocaric acid B**

CAS Registry Number: 182315-46-4

Molecular Formula: C₃₀H₄₆O₅

Molecular Weight: 486.69

Accurate Mass: 486.334525

Percentage Composition: C 74.04%; H 9.53%; O 16.44%

Biological Source: Constit. of the fruit of *Cyclocarya paliurus*. Component of Qing Qian Liu

Physical Description: Cryst. (MeOH)

Melting Point: Mp 258-260°

>>Variant: (2 α ,3 β)-form

Synonym(s): Arjunolic acid

CAS Registry Number: 465-00-9

Molecular Formula: C₃₀H₄₈O₅

Molecular Weight: 488.706

Accurate Mass: 488.350175

Percentage Composition: C 73.73%; H 9.90%; O 16.37%

Biological Source: Constit. of *Terminalia arjuna*, *Tristania conferta*, *Prunella vulgaris*, *Polygala japonica*, *Metrosideros umbellata*, *Psidium guajava*, *Mitragyna ciliata* and others

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 337-340°

Optical Rotation: [α]_D¹⁹ +63.5 (c, 0.5 in EtOH)