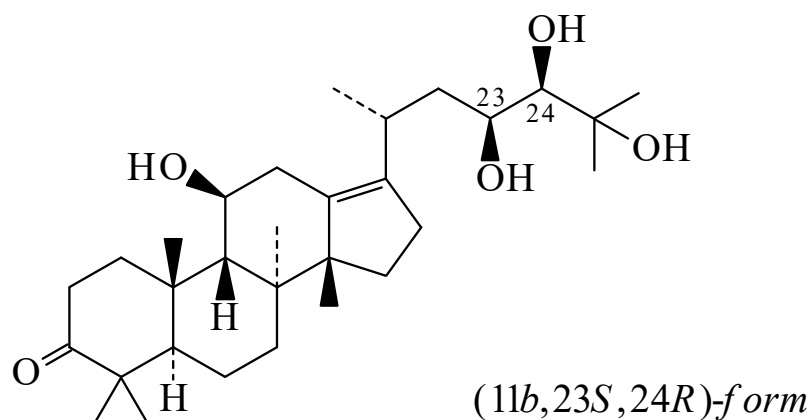




>>Entry Name: 11,23,24,25-Tetrahydroxyprotost-13(17)-en-3-one



Molecular Formula: C₃₀H₅₀O₅

Molecular Weight: 490.722

Accurate Mass: 490.365825

Percentage Composition: C 73.43%; H 10.27%; O 16.30%

>>Variant: (11 β ,23 S ,24 R)-form

Synonym(s): Alisol A

CAS Registry Number: 19885-10-0

Molecular Formula: C₃₀H₅₀O₅

Molecular Weight: 490.722

Accurate Mass: 490.365825

Percentage Composition: C 73.43%; H 10.27%; O 16.30%

Biological Source: Constit. of rhizomes of *Alisma plantago-aquatica* and *Alisma orientale*

Physical Description: Amorph.

Optical Rotation: [α]_D +99 (CHCl₃)

>>Derivative: 24-Ac

CAS Registry Number: 18674-16-3

Molecular Formula: C₃₂H₅₂O₆

Molecular Weight: 532.759

Accurate Mass: 532.37639

Percentage Composition: C 72.14%; H 9.84%; O 18.02%

Biological Source: Constit. of *Alisma plantago-aquatica*

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 194-196°

Optical Rotation: [α]_D +86 (CHCl₃)

>>Derivative: 25-Me ether

Synonym(s): 25-*O*-Methylalisol A

Molecular Formula: C₃₁H₅₂O₅

Molecular Weight: 504.749

Accurate Mass: 504.381475

Percentage Composition: C 73.77%; H 10.38%; O 15.85%

Biological Source: Constit. of *Alisma orientale*

Physical Description: Amorph. powder

>>Derivative: 13 β ,17 β -Epoxide

Synonym(s): 13 β ,17 β -Epoxy-11 β ,23 S ,24 R ,25-tetrahydroxyprotostane-3-one. 13,17-Epoxyalisol A

Molecular Formula: C₃₀H₅₀O₆

Molecular Weight: 506.721

Accurate Mass: 506.36074

Percentage Composition: C 71.11%; H 9.95%; O 18.94%

Biological Source: Constit. of *Alisma orientale*

Physical Description: Plates. (Isopropyl ether/hexane)

Melting Point: Mp 138.5-140°

Optical Rotation: [α]