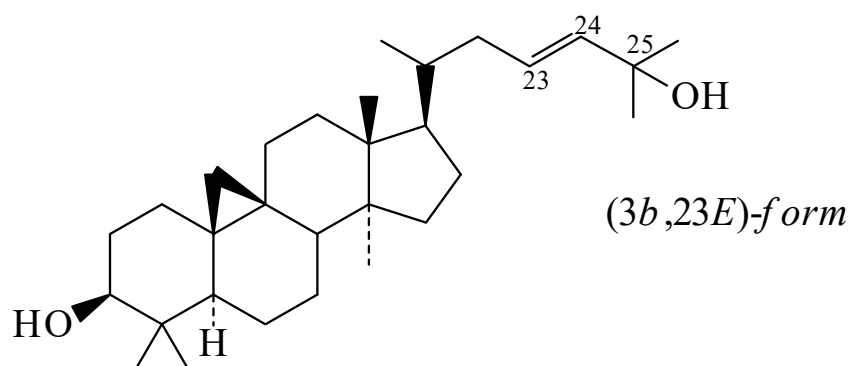




>>Entry Name: Cycloart-23-ene-3,25-diol

Synonym(s): 9,19-Cyclolanost-23-ene-3,25-diol, 9Cl



Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

Percentage Composition: C 81.39%; H 11.38%; O 7.23%

>>Variant: (3β,23E)-form

CAS Registry Number: 14599-48-5

Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

Percentage Composition: C 81.39%; H 11.38%; O 7.23%

Biological Source: Isol. from *Tillandsia usneoides* and *Tricholepsis glaberrima*

Physical Description: Prisms (EtOAc)

Melting Point: Mp 200-204°

Optical Rotation: [α]_D²⁷+38 (c, 0.85 in CHCl₃)

>>Derivative: 3-O-[β-D-Glucopyranosyl-(1→4)-β-D-glucopyranoside]

Synonym(s): Acanthoside K₃

CAS Registry Number: 119259-75-5

Molecular Formula: C₄₂H₇₀O₁₂

Molecular Weight: 767.008

Accurate Mass: 766.48673

Percentage Composition: C 65.77%; H 9.20%; O 25.03%

Biological Source: Constit. of the root of *Acanthopanax sessiliflorus*

>>Derivative: 3-Ac

CAS Registry Number: 26531-71-5

Molecular Formula: C₃₂H₅₂O₃

Molecular Weight: 484.761

Accurate Mass: 484.391645

Percentage Composition: C 79.29%; H 10.81%; O 9.90%

Biological Source: Isol. from roots of *Sapium insigne*

Physical Description: Prisms (hexane)

Melting Point: Mp 148-150°

Optical Rotation: [α]_D²²+43 (c, 0.75 in CHCl₃)

>>Derivative: Di-Ac

Molecular Formula: C₃₄H₅₄O₄

Molecular Weight: 526.798

Accurate Mass: 526.40221

Percentage Composition: C 77.52%; H 10.33%; O 12.15%

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 105-108°