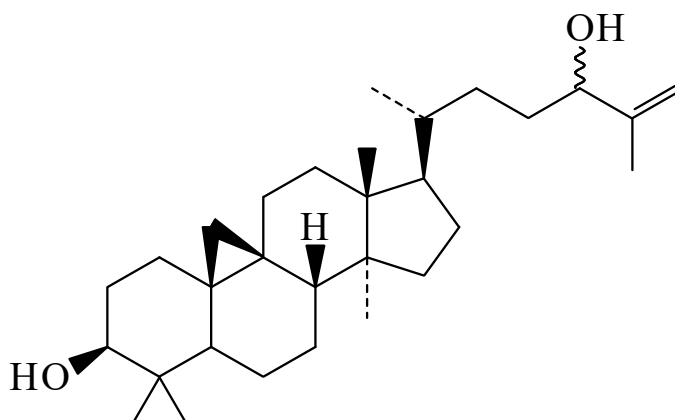




>>Entry Name: Cycloart-25-ene-3,24-diol

Synonym(s): 9,19-Cyclolanost-25-ene-3,24-diol



Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

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

>>Variant: (3β,24ξ)-form

CAS Registry Number: 10388-48-4

Molecular Formula: C₃₀H₅₀O₂

Molecular Weight: 442.724

Accurate Mass: 442.38108

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

Biological Source: Constit. of *Tillandsia usneoides* (Spanish moss) and *Juncus effusus*

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 184-188°

Optical Rotation: [α]_D³⁵+48 (c, 1 in CHCl₃)

>>Derivative: 3-Ac

CAS Registry Number: 215380-49-7

Molecular Formula: C₃₂H₅₂O₃

Molecular Weight: 484.761

Accurate Mass: 484.391645

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

Biological Source: Constit. of *Ficus pumila*

Physical Description: Needles

Melting Point: Mp 120-124°

>>Derivative: 3-Ketone

Synonym(s): 24-Hydroxycycloart-25-en-3-one

Molecular Formula: C₃₀H₄₈O₂

Molecular Weight: 440.708

Accurate Mass: 440.36543

Percentage Composition: C 81.76%; H 10.98%; O 7.26%

Biological Source: Constit. of *Tillandsia usneoides*

Physical Description: Cryst. (Et₂O/hexane)

Melting Point: Mp 118-121°

Optical Rotation: [α]_D²⁵+20 (c, 0.62 in CHCl₃)