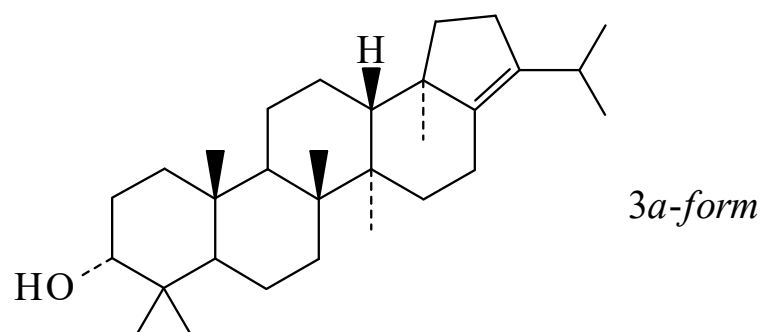




>>Entry Name: 17(21)-Hopen-3-ol



Molecular Formula: C₃₀H₅₀O

Molecular Weight: 426.724

Accurate Mass: 426.386165

Percentage Composition: C 84.44%; H 11.81%; O 3.75%

>>Variant: 3 α -form

CAS Registry Number: 59860-64-9

Molecular Formula: C₃₀H₅₀O

Molecular Weight: 426.724

Accurate Mass: 426.386165

Percentage Composition: C 84.44%; H 11.81%; O 3.75%

Biological Source: Isol. from *Castanopsis* spp. and *Centaurea phyllocephala*

Melting Point: Mp 189-191°

Optical Rotation: [α]_D +37.2 (CHCl₃)

>>Variant: 3 β -form

CAS Registry Number: 564-14-7

Molecular Formula: C₃₀H₅₀O

Molecular Weight: 426.724

Accurate Mass: 426.386165

Percentage Composition: C 84.44%; H 11.81%; O 3.75%

Biological Source: Constit. of *Quercus championi*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 228-229°

Optical Rotation: [α]_D +45.3 (c, 0.8 in CHCl₃)

>>Derivative: Ac

CAS Registry Number: 28937-68-0

Molecular Formula: C₃₂H₅₂O₂

Molecular Weight: 468.762

Accurate Mass: 468.39673

Percentage Composition: C 81.99%; H 11.18%; O 6.83%

Biological Source: Constit. of *Quercus championi* and *Quercus gilva*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 258-262°

Optical Rotation: [α]_D +55.4 (c, 1 in CHCl₃)

>>Derivative: 3-Ketone

Synonym(s): 17(21)-Hopen-3-one. **Hopenone I**

CAS Registry Number: 471-61-4

Molecular Formula: C₃₀H₄₈O

Molecular Weight: 424.709

Accurate Mass: 424.370515

Percentage Composition: C 84.84%; H 11.39%; O 3.77%

Biological Source: Prod. by *Rhodocrobium vanniellii*

Physical Description: Cryst. (Me₂CO/CHCl₃)

Melting Point: Mp 197-197.5°

Optical Rotation: [α]_D +93 (c, 0.74 in CHCl₃)