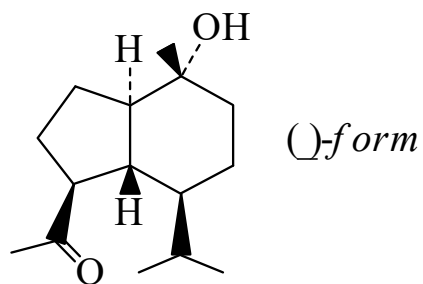




>>Entry Name: 10-Hydroxy-4-oplopanone

Synonym(s): Oplopanone



Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

>>Variant: (+)-form

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

Biological Source: Constit. of soft coral *Nephthea* sp.

Physical Description: Needles (petrol)

Melting Point: Mp 83-84°

Optical Rotation: $[\alpha]_D^{22} +19$ (c, 0.8 in dioxan)

>>Variant: (–)-form

CAS Registry Number: 1911-78-0

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

Biological Source: Constit. of *Oplopanax japonicus*

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 96-97°

Optical Rotation: $[\alpha]_D^{25} -20$ (c, 0.6 in dioxan)

>>Variant: (ξ)-form

Molecular Formula: C₁₅H₂₆O₂

Molecular Weight: 238.369

Accurate Mass: 238.19328

Percentage Composition: C 75.58%; H 10.99%; O 13.42%

>>Derivative: Ac

Synonym(s): Oplopanyl acetate

Molecular Formula: C₁₇H₂₈O₃

Molecular Weight: 280.406

Accurate Mass: 280.203845

Percentage Composition: C 72.82%; H 10.06%; O 17.12%

Biological Source: Isol. from *Chamaecyparis pisifera*

References: