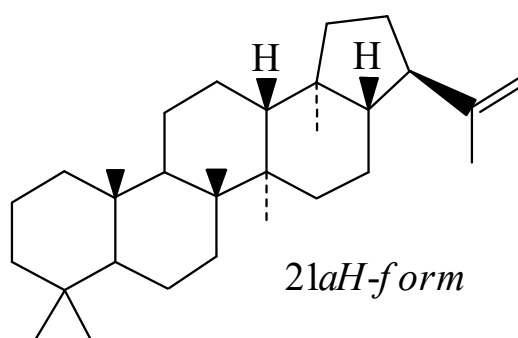




>>Entry Name: 22(29)-Hopene



Related CAS Registry Numbers(s): 33323-60-3

Molecular Formula: C₃₀H₅₀

Molecular Weight: 410.725

Accurate Mass: 410.39125

Percentage Composition: C 87.73%; H 12.27%

>>Variant: 21 α H-form

Synonym(s): 22(29)-Isohopene

CAS Registry Number: 1812-64-2

Molecular Formula: C₃₀H₅₀

Molecular Weight: 410.725

Accurate Mass: 410.39125

Percentage Composition: C 87.73%; H 12.27%

Biological Source: Isol. from *Davallia mariesii*

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 212-214°

Optical Rotation: $[\alpha]_D^{23} +27.1$ (CHCl₃)

>>Variant: 21 β H-form

Synonym(s): Diploptene. Hopene B

CAS Registry Number: 1615-91-4

Molecular Formula: C₃₀H₅₀

Molecular Weight: 410.725

Accurate Mass: 410.39125

Percentage Composition: C 87.73%; H 12.27%

Biological Source: Constit. of *Dryopteris crassirhizoma* and *Adiantum monochlamys*, present in ferns, mosses and sediments

Physical Description: Cryst.

Melting Point: Mp 210-211°

Optical Rotation: $[\alpha]_D +61$ (CHCl₃)

References:

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