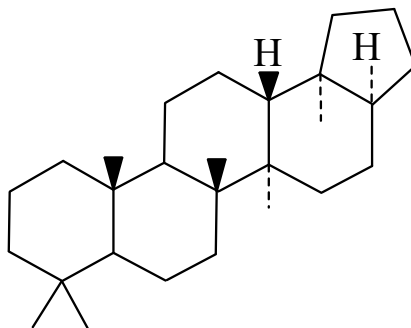




>>Entry Name: **22,29,30-Trisnorhopane**

Synonym(s): 22,29,30-Trinorhopane



Molecular Formula: C₂₇H₄₆

Molecular Weight: 370.66

Accurate Mass: 370.35995

Percentage Composition: C 87.49%; H 12.51%

>>Variant: (17 α H)-form

CAS Registry Number: 53584-59-1

Molecular Formula: C₂₇H₄₆

Molecular Weight: 370.66

Accurate Mass: 370.35995

Percentage Composition: C 87.49%; H 12.51%

Biological Source: Constit. of oil shale

Physical Description: Cryst. (EtOH/CH₂Cl₂)

Melting Point: Mp 220-221°

>>Variant: (17 β H)-form

CAS Registry Number: 51271-94-4

Molecular Formula: C₂₇H₄₆

Molecular Weight: 370.66

Accurate Mass: 370.35995

Percentage Composition: C 87.49%; H 12.51%

Biological Source: Constit. of *Dryopteris crassirhizoma*, *Gleichema japonica* and sediments

Physical Description: Cryst. (EtOH/CH₂Cl₂)

Melting Point: Mp 161-163° (160-161°)

Optical Rotation: [α]_D +35.5 (c, 0.2 in CHCl₃)

References:

v. Dorsselaer, A. *et al.*, *Bull. Soc. Chim. Fr.*, 1977, 165

Dunlap, N.K. *et al.*, *J.O.C.*, 1985, **50**, 1826, (*synth, pmr, cmr*)

Shiojima, K. *et al.*, *Chem. Pharm. Bull.*, 1994, **42**, 377, (*isol, pmr, cmr*)