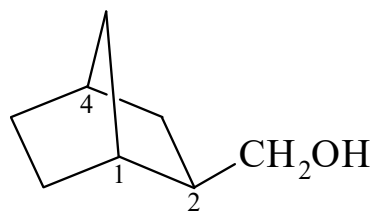




>>Entry Name: Bicyclo[2.2.1]heptane-2-methanol, 9CI

Synonym(s): 2-Hydroxymethylnorbornane



(1*R*,2*R*,4*S*)-*form*

CAS Registry Number: 5240-72-2

Related CAS Registry Numbers(s): 130405-12-8

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Aldrich: 10939-8

Rare Chemicals Library: S43150-8

>>Variant: (1*R*,2*R*,4*S*)-*form*

Synonym(s): (±)-*exo*-*form*

CAS Registry Number: 13118-79-1

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Physical Description: Liq.

Boiling Point: Bp₁₅ 98-99°

Refractive Index: n_D^{26.5} 1.4858

>>Variant: (1*R*,2*S*,4*S*)-*form*

Synonym(s): (±)-*endo*-*form*

CAS Registry Number: 13137-31-0

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Physical Description: Liq.

Boiling Point: Bp₁₅ 94-96°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 249C, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 227C, (*ir*)

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 95A, (*ir*)

Berson, J.A. *et al.*, *J.A.C.S.*, 1961, **83**, 3986, (*synth*)

Freeman, P.K. *et al.*, *J.O.C.*, 1971, **36**, 1554, (*synth*)

Brouwer, H. *et al.*, *Org. Magn. Reson.*, 1977, **9**, 360, (*cmr*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, NNH000