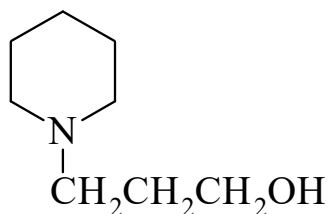




>>Entry Name: 1-Piperidinepropanol, 9CI, 8CI

Synonym(s): *N*-(3-Hydroxypropyl)piperidine



CAS Registry Number: 104-58-5

Molecular Formula: C₈H₁₇NO

Molecular Weight: 143.228

Accurate Mass: 143.131014

Percentage Composition: C 67.09%; H 11.96%; N 9.78%; O 11.17%

Physical Description: Oil

Boiling Point: Bp 223°. Bp₁₂ 100°

Density: d₂₅²⁵ 0.95

Refractive Index: n_D 1.4742

Rare Chemicals Library: S43481-7

>>Derivative: Hydrochloride

Melting Point: Mp 151° (108-109°)

References:

Dunlop, J.G.M., *J.C.S.*, 1912, **101**, 1998, (*synth*)

Mannich, C. *et al.*, *Ber.*, 1936, **69**, 2112, (*synth*)

Hromatka, O., *Ber.*, 1942, **75**, 131, (*synth*)

Winterfeld, K. *et al.*, *Chem. Ber.*, 1960, **93**, 61, (*synth*)

Lespagnol, A. *et al.*, *Bull. Soc. Chim. Fr.*, 1962, 1117, (*synth*)

Ferles, M. *et al.*, *Coll. Czech. Chem. Comm.*, 1982, **47**, 2150, (*synth*, *pmr*)

Chini, M. *et al.*, *Tet. Lett.*, 1994, **35**, 761, (*pmr*, *cmr*)