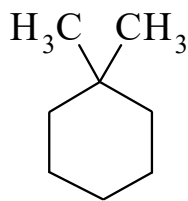




>>Entry Name: 1,1-Dimethylcyclohexane, 9CI



CAS Registry Number: 590-66-9

Extra CAS Registry Numbers(s): 27195-67-1

Molecular Formula: C₈H₁₆

Molecular Weight: 112.214

Accurate Mass: 112.1252

Percentage Composition: C 85.63%; H 14.37%

Physical Description: Liq.

Melting Point: Fp -33.5°

Boiling Point: Bp 120°

Refractive Index: n_D¹⁵ 1.4314

Aldrich: 11049-3

Fluka: 39920

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 36C, (*ir*)

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 50B, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 52D, (*ir*)

Zelinsky, N.D. *et al.*, *Ber.*, 1935, **68**, 98, (*synth*)

Zelinsky, N.D. *et al.*, *Dokl. Akad. Nauk SSSR*, 1950, **73**, 705, (*synth*)

Adv. Chem. Ser., 1955, **15**, 444, (*props*)

Abraham, R.J. *et al.*, *J.C.S. Perkin 2*, 1997, 31-39, (*pmr*)