



>>Entry Name: 3,3,5,5-Tetramethylcyclohexanone

CAS Registry Number: 14376-79-5

Molecular Formula: C₁₀H₁₈O

Molecular Weight: 154.252

Accurate Mass: 154.135765

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

Physical Description: Liq., cryst. on cooling

Boiling Point: Bp₁₂ 79°

Aldrich: T2110-5

Fluka: 87790

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 435C, (*ir*)

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 672C, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 521B, (*ir*)

Jefford, C.W. *et al.*, *J. Chem. Educ.*, 1973, **50**, 181, (*synth*)

Nemeroff, W. *et al.*, *J.O.C.*, 1978, **43**, 331, (*ir, pmr, ms, uv*)

Kabbara, J. *et al.*, *Chem. Ber.*, 1994, **127**, 1489, (*synth*)

Costello, D.P. *et al.*, *Synth. Commun.*, 1999, **29**, 3083-3096, (*synth, pmr, cmr*)