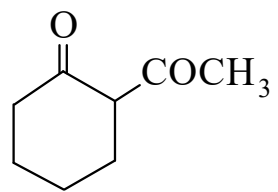




>>Entry Name: 2-Acetylcyclohexanone



CAS Registry Number: 874-23-7

Molecular Formula: $C_8H_{12}O_2$

Molecular Weight: 140.182

Accurate Mass: 140.08373

Percentage Composition: C 68.55%; H 8.63%; O 22.83%

Boiling Point: Bp₂₀ 115-117°. Bp₁₀ 94-96°

pKa Value: pK_{a1} 10.09 (20°)

Aldrich: 17976-0

Fluka: 1035

>>Derivative: Bis-2,4-dinitrophenylhydrazone

Physical Description: Cryst. (Py)

Melting Point: Mp 234°

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **1**, 700C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 428B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 513D, (*ir*)

Jacquier, R. *et al.*, *Bull. Soc. Chim. Fr.*, 1967, 316; 1970, 2678, (*synth*)

Nasipuri, D. *et al.*, *J. Indian Chem. Soc.*, 1967, **44**, 620, (*synth*)

Mao, C.-L. *et al.*, *J.O.C.*, 1969, **34**, 1425, (*synth*)

Huckin, S.N. *et al.*, *Can. J. Chem.*, 1974, **52**, 1379, (*synth*)