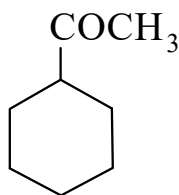




>>Entry Name: Acetylcyclohexane

Synonym(s): 1-Cyclohexylethanone, 9CI. Cyclohexyl methyl ketone



CAS Registry Number: 823-76-7

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: Bp₂₀ 180-181°

Density: d₄¹⁶0.925

Fluka: 29465

Rare Chemicals Library: S64974-0

>>Derivative: Semicarbazone

Physical Description: Cryst. (MeOH)

Melting Point: Mp 177°

>>Derivative: 2,4-Dinitrophenylhydrazone

CAS Registry Number: 1160-74-3

Melting Point: Mp 140-141°

References:

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Nenitzescu, C.D. *et al.*, *Ber.*, 1936, **69**, 1821, (*synth*)

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Cottier, L. *et al.*, *Bull. Soc. Chim. Fr.*, 1972, **3**, 1072, (*synth*)

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