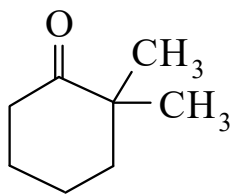




>>Entry Name: 2,2-Dimethylcyclohexanone, 9CI



CAS Registry Number: 1193-47-1

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: Bp 173°. Bp₁₈ 64°

Density: d₄²⁰ 0.915

Refractive Index: n_D²⁰ 1.4486

Aldrich: 37361-3

>>Derivative: Oxime

CAS Registry Number: 66417-98-9

Molecular Formula: C₈H₁₅NO

Molecular Weight: 141.213

Accurate Mass: 141.115364

Percentage Composition: C 68.04%; H 10.71%; N 9.92%; O 11.33%

Melting Point: Mp 92-93°

>>Derivative: 2,4-Dinitrophenylhydrazone

CAS Registry Number: 5212-74-8

Melting Point: Mp 136°

>>Derivative: Semicarbazone

Melting Point: Mp 200-201°

References:

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