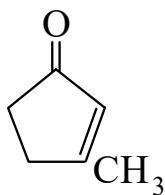




>>Entry Name: 3-Methyl-2-cyclopenten-1-one, 9CI

ENTRY UNDER REVIEW

Synonym(s): FEMA 3435



CAS Registry Number: 2758-18-1

Molecular Formula: C₆H₈O

Molecular Weight: 96.129

Accurate Mass: 96.057515

Percentage Composition: C 74.97%; H 8.39%; O 16.64%

Physical Description: Liq. with unpleasant odour

Boiling Point: Bp 157-158°. Bp₁₀ 55.5°

Solubility: Sol. H₂O

Density: d²⁶ 0.977

Refractive Index: n_D²⁵ 1.4860

Aldrich: 14577-7

Fluka: 66545

>>Derivative: Oxime

Molecular Formula: C₆H₉NO

Molecular Weight: 111.143

Accurate Mass: 111.068414

Percentage Composition: C 64.84%; H 8.16%; N 12.60%; O 14.40%

Physical Description: Plates

Melting Point: Mp 127°

>>Derivative: Semicarbazone

Physical Description: Plates

Melting Point: Mp 230°

>>Derivative: 2,4-Dinitrophenylhydrazone

Melting Point: Mp 182-183°

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