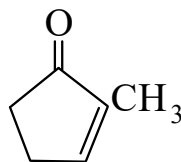




>>Entry Name: 2-Methyl-2-cyclopenten-1-one, 9CI
ENTRY UNDER REVIEW



CAS Registry Number: 1120-73-6

Molecular Formula: C₆H₈O

Molecular Weight: 96.129

Accurate Mass: 96.057515

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

Source/Synthesis: Present in tobacco condensate and in bread aroma

Use/Importance: Important synthon

Boiling Point: Bp 157°. Bp₁₅ 54°

Density: d₄¹⁶ 0.981

Refractive Index: n_D¹⁵ 1.4762

Aldrich: 30419-0

>>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 (H₂O)

Melting Point: Mp 128°

References:

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