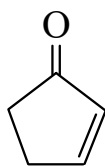




>>Entry Name: 2-Cyclopenten-1-one, 9CI



CAS Registry Number: 930-30-3

Molecular Formula: C₅H₆O

Molecular Weight: 82.102

Accurate Mass: 82.041865

Percentage Composition: C 73.15%; H 7.37%; O 19.49%

Physical Description: Liq.

Boiling Point: Bp 135-137°. Bp₁₂ 40°

Solubility: Mod. sol. H₂O

Density: d¹⁵ 0.989

Refractive Index: n_D¹⁵ 1.4629

Aldrich: C11290-9

Fluka: 29827

>>Derivative: Oxime

Molecular Formula: C₅H₇NO

Molecular Weight: 97.116

Accurate Mass: 97.052764

Percentage Composition: C 61.84%; H 7.26%; N 14.42%; O 16.47%

Physical Description: Needles

Melting Point: Mp 52-53°

>>Derivative: 2,4-Dinitrophenylhydrazone

CAS Registry Number: 789-99-1

Melting Point: Mp 169°

Rare Chemicals Library: S32563-5

>>Derivative: Semicarbazone

Physical Description: Leaflets

Melting Point: Mp 214-215°

>>Derivative: Ethylene ketal

Synonym(s): 1,4-Dioxaspiro[4.4]non-6-ene

CAS Registry Number: 695-56-7

Molecular Formula: C₇H₁₀O₂

Molecular Weight: 126.155

Accurate Mass: 126.06808

Percentage Composition: C 66.65%; H 7.99%; O 25.36%

Boiling Point: Bp₁₆ 59-62°

Aldrich: 14785-0

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