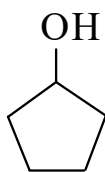




>>Entry Name: Cyclopentanol, 9CI



CAS Registry Number: 96-41-3

Molecular Formula: C₅H₁₀O

Molecular Weight: 86.133

Accurate Mass: 86.073165

Percentage Composition: C 69.72%; H 11.70%; O 18.58%

Physical Description: Liq.

Melting Point: Fp -19°

Boiling Point: Bp 139-140°

Solubility: Spar. sol. H₂O

Density: d₄¹⁵ 0.951

Refractive Index: n_D²⁰ 1.4520

Hazard & Toxicity: Flammable, fl.p. 51°

Aldrich: C11220-8

Fluka: 29740

>>Derivative: Ac

CAS Registry Number: 933-05-1

Molecular Formula: C₇H₁₂O₂

Molecular Weight: 128.171

Accurate Mass: 128.08373

Percentage Composition: C 65.60%; H 9.44%; O 24.97%

Boiling Point: Bp₁₂ 52-53°

>>Derivative: Benzoyl

CAS Registry Number: 32651-38-0

Molecular Formula: C₁₂H₁₄O₂

Molecular Weight: 190.241

Accurate Mass: 190.09938

Percentage Composition: C 75.76%; H 7.42%; O 16.82%

Boiling Point: Bp₁₂ 145°

Rare Chemicals Library: S70974-3

>>Derivative: Me ether

Synonym(s): Methoxycyclopentane. Cyclopentyl methyl ether

CAS Registry Number: 5614-37-9

Molecular Formula: C₆H₁₂O

Molecular Weight: 100.16

Accurate Mass: 100.088815

Percentage Composition: C 71.95%; H 12.08%; O 15.97%

Boiling Point: Bp 105-106.5°

>>Derivative: Et ether

Synonym(s): Ethoxycyclopentane. Cyclopentyl ethyl ether

CAS Registry Number: 26306-40-1

Molecular Formula: C₇H₁₄O

Molecular Weight: 114.187

Accurate Mass: 114.104465

Percentage Composition: C 73.63%; H 12.36%; O 14.01%

Boiling Point: Bp 126-127°

References: