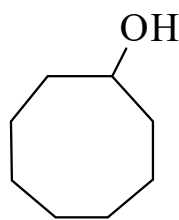




>>Entry Name: Cyclooctanol



CAS Registry Number: 696-71-9

Molecular Formula: C₈H₁₆O

Molecular Weight: 128.214

Accurate Mass: 128.120115

Percentage Composition: C 74.94%; H 12.58%; O 12.48%

Physical Description: Liq.

Boiling Point: Bp₁₅ 100-101°

Density: d₄²⁰ 0.974

Refractive Index: n_D²⁰ 1.4870

Aldrich: C10960-6

Fluka: 29610

>>Derivative: Ac

CAS Registry Number: 772-60-1

Molecular Formula: C₁₀H₁₈O₂

Molecular Weight: 170.251

Accurate Mass: 170.13068

Percentage Composition: C 70.55%; H 10.66%; O 18.80%

Boiling Point: Bp₁₁ 95-96°

Rare Chemicals Library: S34506-7

>>Derivative: *p*-Nitrobenzoyl

Molecular Formula: C₁₅H₁₉NO₄

Molecular Weight: 277.319

Accurate Mass: 277.131409

Percentage Composition: C 64.97%; H 6.91%; N 5.05%; O 23.08%

Melting Point: Mp 64°

>>Derivative: Phenylurethane

Molecular Formula: C₁₅H₂₁NO₂

Molecular Weight: 247.336

Accurate Mass: 247.157229

Percentage Composition: C 72.84%; H 8.56%; N 5.66%; O 12.94%

Melting Point: Mp 60°

References:

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