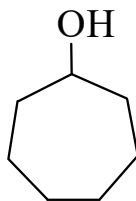




>>Entry Name: Cycloheptanol

Synonym(s): Suberol. Suberyl alcohol



CAS Registry Number: 502-41-0

Molecular Formula: $C_7H_{14}O$

Molecular Weight: 114.187

Accurate Mass: 114.104465

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

Melting Point: Mp 2°

Boiling Point: Bp 184-185°. Bp₁₄ 83-84°

Solubility: Sol. EtOH, prac. insol. H₂O

Density: d_4^{20} 0.955

Refractive Index: n_D^{20} 1.4510

Aldrich: C9880-2

Fluka: 28840

>>Derivative: Ac

CAS Registry Number: 18631-70-4

Molecular Formula: $C_9H_{16}O_2$

Molecular Weight: 156.224

Accurate Mass: 156.11503

Percentage Composition: C 69.19%; H 10.32%; O 20.48%

Boiling Point: Bp₁₁ 76-78°

>>Derivative: Allophanate

Molecular Formula: $C_9H_{16}N_2O_3$

Molecular Weight: 200.237

Accurate Mass: 200.116093

Percentage Composition: C 53.99%; H 8.05%; N 13.99%; O 23.97%

Melting Point: Mp 184°

>>Derivative: 3,5-Dinitrobenzoyl

Melting Point: Mp 79°

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