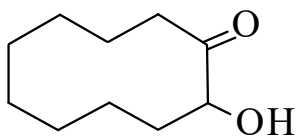




>>Entry Name: 2-Hydroxycyclodecanone, 9CI

Synonym(s): Sebacoin



CAS Registry Number: 96-00-4

Molecular Formula: C₁₀H₁₈O₂

Molecular Weight: 170.251

Accurate Mass: 170.13068

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

Rare Chemicals Library: S35981-5

>>Variant: (±)-form

Molecular Formula: C₁₀H₁₈O₂

Molecular Weight: 170.251

Accurate Mass: 170.13068

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

Physical Description: Cryst. (pentane)

Melting Point: Mp 38-39°

Boiling Point: Bp₁₄ 134-138°. Bp₉ 124-128°

>>Derivative: Ac

CAS Registry Number: 10035-92-4

Molecular Formula: C₁₂H₂₀O₃

Molecular Weight: 212.288

Accurate Mass: 212.141245

Percentage Composition: C 67.89%; H 9.50%; O 22.61%

Physical Description: Yellow liq.

Boiling Point: Bp₄ 116-117°. Bp_{0.2} 94-103°

References:

Stoll, M. *et al.*, *Helv. Chim. Acta*, 1947, **30**, 1822, (*synth*)

Org. Synth., *Coll. Vol.*, 4, 1963, 840, (*synth*)

Org. Synth., 1977, **57**, 1, (*general synth*)