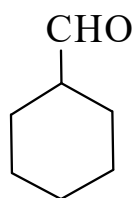




>>Entry Name: Cyclohexanecarboxaldehyde, 9CI

Synonym(s): Formylcyclohexane



CAS Registry Number: 2043-61-0

Molecular Formula: C₇H₁₂O

Molecular Weight: 112.171

Accurate Mass: 112.088815

Percentage Composition: C 74.95%; H 10.78%; O 14.26%

Boiling Point: Bp 159.3°. Bp₂₀ 75-78°

Refractive Index: n_D¹⁹ 1.4495

Other Data: Bp also given as 53-58°/20 mm

Aldrich: 10846-4

Fluka: 28972

>>Derivative: Oxime

CAS Registry Number: 4715-11-1

Molecular Formula: C₇H₁₃NO

Molecular Weight: 127.186

Accurate Mass: 127.099714

Percentage Composition: C 66.11%; H 10.30%; N 11.01%; O 12.58%

Physical Description: Needles (petrol)

Melting Point: Mp 90-91°

>>Derivative: 2,4-Dinitrophenylhydrazone

CAS Registry Number: 3335-68-0

Melting Point: Mp 176° (169°)

Rare Chemicals Library: S32007-2

>>Derivative: Semicarbazone

Physical Description: Cryst. (H₂O)

Melting Point: Mp 176° (169-170°)

>>Derivative: Di-Me acetal

Synonym(s): (Dimethoxymethyl)cyclohexane

CAS Registry Number: 18231-08-8

Molecular Formula: C₉H₁₈O₂

Molecular Weight: 158.24

Accurate Mass: 158.13068

Percentage Composition: C 68.31%; H 11.46%; O 20.22%

Boiling Point: Bp₁₂ 65-68°

References:

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