



>>Entry Name: 3-Chloropyridine, 9Cl

Synonym(s): β -Chloropyridine

CAS Registry Number: 626-60-8

Structure by analogy with 2-Chloropyridine, [KCV37-I](#)

Molecular Formula: C₅H₄ClN

Molecular Weight: 113.546

Accurate Mass: 113.003226

Percentage Composition: C 52.89%; H 3.55%; Cl 31.22%; N 12.34%

Physical Description: Liq.

Boiling Point: Bp₇₄₄ 148°

pKa Value: pK_a 2.84 (25°, HCl aq.)

Refractive Index: n_D²⁰ 1.5330

Hazard & Toxicity: LD₅₀ (mus, ipr) 235 mg/kg

Aldrich: C7000-2

Fluka: 26290

Sigma: C7779

>>Derivative: Hydrochloride

CAS Registry Number: 36316-72-0

Physical Description: Hygroscopic cryst. (EtOH)

Melting Point: Mp 60°

>>Derivative: Picrate

CAS Registry Number: 3310-56-3

Physical Description: Cryst. (EtOH)

Melting Point: Mp 135°. Mp 146-147°

>>Derivative: N-Oxide

CAS Registry Number: 1851-22-5

Molecular Formula: C₅H₄ClNO

Molecular Weight: 129.545

Accurate Mass: 128.998141

Percentage Composition: C 46.36%; H 3.11%; Cl 27.37%; N 10.81%; O 12.35%

Physical Description: Cubes (C₆H₆)

Melting Point: Mp 57-58°

References:

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