



>>Entry Name: 4-Chloropyridine, 9Cl

Synonym(s): γ -Chloropyridine

CAS Registry Number: 626-61-9

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: Bp 147-148°. Bp₁₀₀ 85-87°

Density: d₄²⁵ 1.2

pKa Value: pK_a 3.83 (25°)

Other Data: Dec. slowly at r.t. to 4-chloro-1,4'-bipyridinium chloride

Hazard & Toxicity: LD₅₀ (mus, ipr) 275 mg/kg

>>Derivative: Hydrochloride

CAS Registry Number: 7379-35-3

Physical Description: Hygroscopic cryst.

Melting Point: Mp 223° (sealed tube)

Aldrich: C7022-3

Fluka: 26300

Sigma: C1643

>>Derivative: N-Oxide

CAS Registry Number: 1121-76-2

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: Cryst. (Me₂CO)

Melting Point: Mp 169.5 dec.°. Mp 188-189 dec.°

Aldrich: 23240-8

References:

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