



>>Entry Name: 3-Amino-2-chloropyridine

Synonym(s): 2-Chloro-3-pyridinamine, 9Cl

CAS Registry Number: 6298-19-7

Molecular Formula: $C_5H_5ClN_2$

Molecular Weight: 128.561

Accurate Mass: 128.014125

Percentage Composition: C 46.71%; H 3.92%; Cl 27.58%; N 21.79%

Physical Description: Cryst. (petrol)

Melting Point: Mp 80°

Boiling Point: Bp₁₃ 130-134°

Aldrich: A4690-0

Fluka: 7540

Sigma: A3398

>>Derivative: Ac

Synonym(s): 3-Acetamido-2-chloropyridine

CAS Registry Number: 21352-19-2

Molecular Formula: $C_7H_7ClN_2O$

Molecular Weight: 170.598

Accurate Mass: 170.02469

Percentage Composition: C 49.28%; H 4.14%; Cl 20.78%; N 16.42%; O 9.38%

Physical Description: Needles (petrol)

Melting Point: Mp 90-91°

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 769B, (*ir*)

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **3**, 296B, (*nmr*)

v. Schickh, O. *et al.*, *Ber.*, 1936, **69**, 2593-2605, (*synth, Ac*)

Brueghel, W., *Z. Elektrochem.*, 1962, **66**, 159, (*nmr*)

Saidova, F. *et al.*, *CA*, 1974, **80**, 108321w, (*synth*)

Zhang, T.Y. *et al.*, *Tetrahedron*, 1995, **51**, 13177, (*synth*)