



>>Entry Name: 2-Chloro-6-methylpyridine, 9Cl

Synonym(s): 6-Chloro-2-picoline, 8Cl. 6-Chloro- α -picoline

CAS Registry Number: 18368-63-3

Molecular Formula: C₆H₆ClN

Molecular Weight: 127.573

Accurate Mass: 127.018876

Percentage Composition: C 56.49%; H 4.74%; Cl 27.79%; N 10.98%

Physical Description: Liq. with sweet odour

Boiling Point: Bp 183-184°. Bp₈ 60-60.5°

Solubility: Spar. sol. H₂O

Aldrich: 11633-5

Fluka: 25250

>>Derivative: N-Oxide

CAS Registry Number: 52313-59-4

Molecular Formula: C₆H₆ClNO

Molecular Weight: 143.572

Accurate Mass: 143.013791

Percentage Composition: C 50.19%; H 4.21%; Cl 24.69%; N 9.76%; O 11.14%

Melting Point: Mp 155-160°

References:

- Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **2**, 749A, (*ir*)
Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 264A, (*nmr*)
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1527A, (*ir*)
Clemo, G.B. *et al.*, *J.C.S.*, 1954, 2693, (*synth*)
Brown, E.V., *J.A.C.S.*, 1957, **79**, 3565
Johary, N.S. *et al.*, *CA*, 1963, **58**, 6676a, (*synth*)
Bell, C.L. *et al.*, *J. Het. Chem.*, 1965, **2**, 420, (*pmr*)
Keller, G.H. *et al.*, *J. Het. Chem.*, 1968, **8**, 647, (*ms*)
Lee, K.C. *et al.*, *J.O.C.*, 1999, **64**, 8576-8581, (*oxide, synth, pmr, cmr*)