



>>Entry Name: 2-Chloro-4-methylquinoline, 9Cl

Synonym(s): 2-Chlorolepidine, 8Cl

CAS Registry Number: 634-47-9

Molecular Formula: C₁₀H₈ClN

Molecular Weight: 177.633

Accurate Mass: 177.034526

Percentage Composition: C 67.62%; H 4.54%; Cl 19.96%; N 7.89%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 59°

Boiling Point: Bp 296°

Other Data: Steam-volatile

Aldrich: C4880-5

Fluka: 24950

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 428B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 857B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1568D, (*ir*)

Bell, C.L. *et al.*, *J. Het. Chem.*, 1965, **2**, 420, (*pmr*)

Yoshikawa, T. *et al.*, *CA*, 1969, **71**, 81293, (*synth*)

Claret, P.A. *et al.*, *Org. Magn. Reson.*, 1976, **8**, 147, (*nmr*)

Takahashi, Y. *et al.*, *Bull. Chem. Soc. Jpn.*, 1976, **49**, 2770, (*synth*)

Bradsher, C.K. *et al.*, *J.O.C.*, 1978, **43**, 3536, (*synth*)