



>>Entry Name: 7-Chloro-2-methylquinoline, 9Cl

Synonym(s): 7-Chloroquinaldine, 8Cl

CAS Registry Number: 4965-33-7

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 (Et₂O)

Melting Point: Mp 77-78°

Boiling Point: Bp_{0.5} 87°

Aldrich: 35766-9

Fluka: 24087

>>Derivative: Hydrochloride

Physical Description: Needles (EtOH/petrol)

Melting Point: Mp 248-249°

>>Derivative: Picrate

Physical Description: Orange-yellow needles (2-ethoxyethanol)

Melting Point: Mp 191-193°

References:

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

Campbell, K.N. *et al.*, *J.A.C.S.*, 1946, **68**, 1840, (*synth*)

Spivey, A.M. *et al.*, *J.C.S.*, 1962, 2656, (*synth*)

Palmer, M.H., *J.C.S.*, 1962, 3645, (*ir*)

Haugh, C.W. *et al.*, *J.C.S.*, 1965, 6004, (*pmr*)

Leir, C.M., *J.O.C.*, 1977, **42**, 911, (*synth*)

Song, Z. *et al.*, *J. Het. Chem.*, 1993, **30**, 17, (*synth*)