



>>Entry Name: 2,6-Dimethylquinoline, 9CI

Synonym(s): 6-Methylquinaldine

CAS Registry Number: 877-43-0

Structure by analogy with 2,3-Dimethylquinoline, [FWW59-C](#)

Molecular Formula: C₁₁H₁₁N

Molecular Weight: 157.215

Accurate Mass: 157.089149

Percentage Composition: C 84.04%; H 7.05%; N 8.91%

Physical Description: Stout prisms (petrol)

Melting Point: Mp 60°

Boiling Point: Bp 266-267°. Bp₁₃ 152-155°

Solubility: Spar. sol. hot H₂O, EtOH, Et₂O, v. sol. C₆H₆

pKa Value: pK_a 6.1 (25°)

Aldrich: 14402-9

>>Derivative: Methiodide

Physical Description: Yellow needles

Melting Point: Mp 236-237°

Solubility: Sol. H₂O

>>Derivative: Picrate

Melting Point: Mp 191°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 424A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 854C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1566D, (*ir*)

Bowen, D.H. *et al.*, *J.A.C.S.*, 1953, **75**, 4307, (*synth*)

Karr, C. *et al.*, *J.A.C.S.*, 1959, **81**, 152, (*ir*)

Draper, P.M. *et al.*, *Can. J. Chem.*, 1968, **49**, 1487, (*ms*)

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