



>>Entry Name: **2,7-Dimethylquinoline**, 9CI

Synonym(s): 7-Methylquinaldine

CAS Registry Number: 93-37-8

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

Molecular Formula: $C_{11}H_{11}N$

Molecular Weight: 157.215

Accurate Mass: 157.089149

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

Physical Description: Needles (petrol)

Melting Point: Mp 60-61°

Boiling Point: Bp 264-265°. Bp₇ 115-116°

Solubility: Sol. EtOH, Et₂O

pKa Value: pK_a 5.02 (25°)

Aldrich: 14564-5

>>Derivative: Picrate

Melting Point: Mp 196°

References:

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

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

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1567A, (*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*)

Seiffert, W., *Angew. Chem.*, 1962, **74**, 250, (*pmr*)

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

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