>>**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: $C_{11}H_{11}N$
Molecular Weight: 157.215
Accurate Mass: 157.089149
Percentage Composition: C 84.04%; H 7.05%; N 8.91%
Physical Description: Stout prisms (petrol)
Melting Point: Mp 60°
Boiling Point: Bp 266-267°. Bp_{13} 152-155°
Solubility: Spar. sol. hot H_2O, EtOH, Et_2O, v. sol. C_6H_6
pKa Value: pK_a 6.1 (25°)

Aldrich: 14402-9

>>**Derivative:** Methiodide

Physical Description: Yellow needles
Melting Point: Mp 236-237°
Solubility: Sol. H_2O

>>**Derivative:** Picrate

Melting Point: Mp 191°

References:

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

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