



>>Entry Name: **2,6-Di-*tert*-butylpyridine**, 8C1
Synonym(s): 2,6-Bis(1,1-dimethylethyl)pyridine, 9C1

CAS Registry Number: 585-48-8

Molecular Formula: C₁₃H₂₁N
Molecular Weight: 191.316
Accurate Mass: 191.167399
Percentage Composition: C 81.62%; H 11.06%; N 7.32%
Boiling Point: Bp₂₀ 90-93°. Bp₁ 61-62°
Refractive Index: n_D²⁰ 1.5733
Other Data: Unexpectedly weak base due to steric hindrance. Weaker than pyridine

Aldrich: 21958-4

>>Derivative: Methiodide

Melting Point: Mp 135°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 253A, (*nmr*)
Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 740C, (*ir*)
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1520C, (*ir*)
Brown, H.C. *et al.*, *J.A.C.S.*, 1966, **88**, 986, (*synth*)
Okamoto, Y. *et al.*, *J.O.C.*, 1970, **35**, 3752, (*synth, nmr*)
Scalzi, F.V. *et al.*, *J.O.C.*, 1971, **36**, 2541, (*synth, ir*)
Kanner, B., *Heterocycles*, 1982, **18**, 411, (*rev*)
Benoit, R.L. *et al.*, *Can. J. Chem.*, 1988, **66**, 1159, (*props*)