



>>Entry Name: 1-Dimethylamino-4-methylbenzene

Synonym(s): *N,N*,4-Trimethylbenzenamine, 9CI. *N,N*-Dimethyl-*p*-toluidine, 8CI. 4-(Dimethylamino)toluene

CAS Registry Number: 99-97-8

Structure by analogy with 1-Dimethylamino-2-methylbenzene, [FBB50-B](#)

Molecular Formula: C₉H₁₃N

Molecular Weight: 135.208

Accurate Mass: 135.104799

Percentage Composition: C 79.95%; H 9.69%; N 10.36%

Physical Description: Liq.

Boiling Point: Bp 210-211°. Bp₁₁ 89-89.5°

Aldrich: D18900-6

Fluka: 41700

Sigma: D9912

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 473C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1211A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1121C, (*ir*)

Thomas, D.G. *et al.*, *J.A.C.S.*, 1946, **68**, 895, (*synth*)

Hünig, S., *Chem. Ber.*, 1952, **85**, 1056, (*synth*)