



>>Entry Name: 1-Dimethylamino-3-methylbenzene

Synonym(s): *N,N*,3-Trimethylbenzenamine, 9CI. *N,N*-Dimethyl-*m*-toluidine, 8CI. 3-(Dimethylamino)toluene

CAS Registry Number: 121-72-2

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 211.5-212.5°. Bp₇₂ 85.5-86°

Aldrich: 18077-7

Rare Chemicals Library: S50905-1

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 466B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1198A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1117B, (*ir*)

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