



>>Entry Name: *N*-Methyldiphenylamine, 8Cl

Synonym(s): *N*-Methyl-*N*-phenylbenzenamine, 9Cl. *N,N*-Diphenylmethylanine

CAS Registry Number: 552-82-9

Ph₂NMe

Molecular Formula: C₁₃H₁₃N

Molecular Weight: 183.252

Accurate Mass: 183.104799

Percentage Composition: C 85.21%; H 7.15%; N 7.64%

Physical Description: Oil

Boiling Point: Bp 291°. Bp₁₂ 148-149°

Density: d₂₀²⁰ 1.06

Hazard & Toxicity: Fl. p. >66°

References:

Ullmann, F., *Annalen*, 1903, **327**, 104

Wieland, H., *Ber.*, 1919, **52**, 886

Lugovkin, B.P. *et al.*, *Zh. Obshch. Khim.*, 1952, **22**, 2041; *CA*, **47**, 9284c

Dannley, R.L. *et al.*, *J.O.C.*, 1955, **20**, 92

Gribble, G.W. *et al.*, *Synthesis*, 1987, 709, (*synth, pmr*)