



>>Entry Name: 4-Chloro-1-methyl-2-nitrobenzene

Synonym(s): 4-Chloro-2-nitrotoluene

CAS Registry Number: 89-59-8

Molecular Formula: $C_7H_6ClNO_2$

Molecular Weight: 171.583

Accurate Mass: 171.008706

Percentage Composition: C 49.00%; H 3.52%; Cl 20.66%; N 8.16%; O 18.65%

Physical Description: Needles

Melting Point: Mp 38°

Boiling Point: Bp₇₂₀ 240°. Bp₁₁ 115-116°

Aldrich: 10170-2

Fluka: 25620

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **2**, 719B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1354D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1200C, (*ir*)

Gindraux, L., *Helv. Chim. Acta*, 1929, **12**, 927, (*synth*)

U.K. Pat., 1959, 852 978; *CA*, **56**, 2378i, (*synth*)

Stevenson, P.E., *J. Mol. Spectrosc.*, 1965, **15**, 220, (*uv*)

Rae, I.D., *Aust. J. Chem.*, 1967, **20**, 2381, (*nmr*)