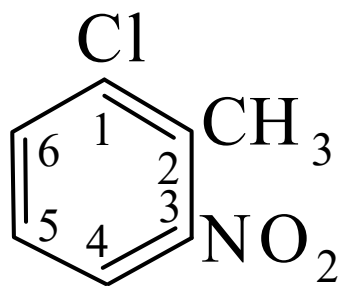




>>Entry Name: 1-Chloro-2-methyl-3-nitrobenzene

Synonym(s): 2-Chloro-6-nitrotoluene



CAS Registry Number: 83-42-1

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 37°

Boiling Point: Bp 238°

Hazard & Toxicity: Irritant

Aldrich: 10169-9

Fluka: 25630

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **2**, 708C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1346A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1195B, (*ir*)

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

Dharmatti, S.S. *et al.*, *Proc. - Indian Acad. Sci., Sect. A*, 1961, **54**, 331, (*nmr*)

Luxon, S.G., *Hazards in the Chemical Laboratory, 5th edn.*, Royal Society of Chemistry, 1992, 315