



>>Entry Name: 2-Fluoro-1-methyl-4-nitrobenzene, 9CI

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

CAS Registry Number: 1427-07-2

Structure by analogy with 1-Fluoro-2-methyl-3-nitrobenzene, [DTN79-Y](#)

Molecular Formula: C₇H₆FNO₂

Molecular Weight: 155.128

Accurate Mass: 155.038257

Percentage Composition: C 54.20%; H 3.90%; F 12.25%; N 9.03%; O 20.63%

Melting Point: Mp 34-35°

Boiling Point: Bp₂ 65-68°

Aldrich: 22270-4

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **2**, 717B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1350B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1199A, (*ir*)

Schmelkes, F. *et al.*, *J.A.C.S.*, 1944, **66**, 1631, (*struct, synth*)

Jones, R. *et al.*, *J.C.S. Faraday 2*, 1972, **68**, 2087, (*cmr*)