



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

Synonym(s): 3-Fluoro-4-nitrotoluene

CAS Registry Number: 446-34-4

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%

Physical Description: Needles (EtOH)

Melting Point: Mp 53.2°

Boiling Point: Bp₃ 97-98°

Aldrich: 28336-3

Fluka: 47184

Sigma: F4008

References:

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

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

Schiemann, G., *Ber.*, 1929, **62**, 1794, (*struct, synth*)

Olah, G. *et al.*, *J.A.C.S.*, 1974, **96**, 2892, (*glc*)