



>>Entry Name: 1-Fluoro-4-methyl-2-nitrobenzene, 8CI

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

CAS Registry Number: 446-11-7

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 26.5°

Boiling Point: Bp 241°. Bp₂₁ 124.5°

Aldrich: F1230-8

Sigma: F4635

References:

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

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

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

Desirant, Y., *CA*, 1933, **27**, 4781, (*synth*)