



>>Entry Name: 1-Fluoro-3-methyl-2-nitrobenzene, 9CI

Synonym(s): 3-Fluoro-2-nitrotoluene

CAS Registry Number: 3013-27-2

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

Molecular Formula: $C_7H_6FNO_2$

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 17.5-18°

Boiling Point: Bp₁₂ 92.4-92.8°

References:

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

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