



>>Entry Name: 1-Fluoro-3-nitrobenzene

Synonym(s): *m*-Fluoronitrobenzene

CAS Registry Number: 402-67-5

Structure by analogy with 1-Fluoro-2-nitrobenzene, [DTN30-D](#)

Molecular Formula: C₆H₄FNO₂

Molecular Weight: 141.101

Accurate Mass: 141.022607

Percentage Composition: C 51.07%; H 2.86%; F 13.46%; N 9.93%; O 22.68%

Melting Point: Mp 41°

Boiling Point: Bp₇₅₆ 200°. Bp₁₉ 86°

Density: d₄¹⁵ 1.33

pKa Value: pK_a −12.15 (18°, H₂SO₄ aq.)

Other Data: Also has two labile forms, Mp 3° and 3.6°

Aldrich: 12839-2

Fluka: 47160

Sigma: F3376

References:

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