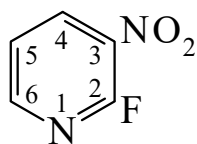




>>Entry Name: 2-Fluoro-3-nitropyridine, 9CI



CAS Registry Number: 1480-87-1

Molecular Formula: C₅H₃FN₂O₂

Molecular Weight: 142.089

Accurate Mass: 142.017856

Percentage Composition: C 42.27%; H 2.13%; F 13.37%; N 19.72%; O 22.52%

Use/Importance: Reagent for the detn. of cysteinyl residues and for *N*-terminal amino acids in proteins

Physical Description: Liq.

Boiling Point: Bp₁₀ 109-109.5°

Refractive Index: n_D²⁵ 1.5278

Hazard & Toxicity: Lachrymator, skin irritant

References:

Finger, G.C. *et al.*, *J.A.C.S.*, 1959, **81**, 2674, (*synth*)

Signor, A. *et al.*, *Eur. J. Biochem.*, 1969, **7**, 328, (*use*)

Toniolo, C. *et al.*, *J.C.S. Perkin 1*, 1972, 1182, (*use*)

Perjessy, A. *et al.*, *Coll. Czech. Chem. Comm.*, 1985, **50**, 2443, (*ir*)

Peet, N.P. *et al.*, *Heterocycles*, 1986, **24**, 3213, (*synth, pmr*)

Fukuhara, T. *et al.*, *J. Fluorine Chem.*, 1988, **38**, 435, (*synth*)