



>>Entry Name: Pentafluoronitrobenzene, 9CI

CAS Registry Number: 880-78-4

(C₆F₅)NO₂

Molecular Formula: C₆F₅NO₂

Molecular Weight: 213.063

Accurate Mass: 212.984919

Percentage Composition: C 33.82%; F 44.58%; N 6.57%; O 15.02%

Physical Description: Golden yellow liq.

Boiling Point: Bp 158-161°. Bp₅₂ 91-94°

Other Data: Lachrymator

Aldrich: 26221-8

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 775B, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1218B, (*ir*)

Brooke, G.M. *et al.*, *J.C.S.*, 1961, 802, (*synth*)

Bruce, M.I., *J.C.S.(A)*, 1968, 1459, (*F nmr*)

Briggs, J.M. *et al.*, *J.C.S. Perkin 2*, 1973, 1789, (*cmr*)

Trudell, B.G. *et al.*, *Can. J. Chem.*, 1978, **56**, 538, (*pe*)

Funn, G.G. *et al.*, *J. Fluorine Chem.*, 1985, **28**, 241, (*cryst struct*)

Korobeinicheva, I.K. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1987, 1766, (*Raman*)