



>>Entry Name: 1-Fluoropentane

Synonym(s): *n*-Amyl fluoride

CAS Registry Number: 592-50-7

$\text{H}_3\text{C}(\text{CH}_2)_3\text{CH}_2\text{F}$

Molecular Formula: $\text{C}_5\text{H}_{11}\text{F}$

Molecular Weight: 90.14

Accurate Mass: 90.084478

Percentage Composition: C 66.62%; H 12.30%; F 21.08%

Physical Description: Liq. with agreeable odour

Boiling Point: Bp₇₅₀ 62-62.5°

Aldrich: 25119-4

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **1**, 84B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 57B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 84D, (*ir*)

Kobayashi, Y. *et al.*, *Chem. Pharm. Bull.*, 1973, **21**, 867, (*pmr*)

Olah, G.A. *et al.*, *J.A.C.S.*, 1974, **96**, 925, (*synth*)