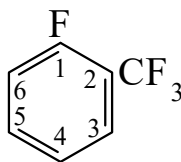




>>Entry Name: 1-Fluoro-2-(trifluoromethyl)benzene

Synonym(s): *o*-Fluorobenzotrifluoride. $\alpha,\alpha,\alpha,2$ -Tetrafluorotoluene



CAS Registry Number: 392-85-8

Molecular Formula: $C_7H_4F_4$

Molecular Weight: 164.102

Accurate Mass: 164.024912

Percentage Composition: C 51.23%; H 2.46%; F 46.31%

Physical Description: Liq.

Boiling Point: Bp_{750} 114-115°

Refractive Index: n_D^{20} 1.4060

Hazard & Toxicity: Highly flammable, fl. p. 17°. Irritating to eyes, respiratory system and skin

Aldrich: 21936-3

Sigma: F9750

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **2**, 143B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 994D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 913A, (*ir*)

Naumann, D. *et al.*, *J. Fluorine Chem.*, 1990, **47**, 283, (*synth, F-19 nmr*)