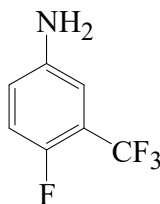




>>Entry Name: 4-Fluoro-3-(trifluoromethyl)aniline

Synonym(s): 4-Fluoro-3-(trifluoromethyl)benzenamine, 9Cl. 5-Amino-2-fluorobenzotrifluoride. $\alpha,\alpha,\alpha,4$ -Tetrafluoro-*m*-toluidine



CAS Registry Number: 2357-47-3

Related CAS Registry Numbers(s): 139185-13-0

Molecular Formula: $C_7H_5F_4N$

Molecular Weight: 179.117

Accurate Mass: 179.035811

Percentage Composition: C 46.94%; H 2.81%; F 42.43%; N 7.82%

Boiling Point: Bp 207-208°

Density: d 1.393

Refractive Index: n_D^{20} 1.4660

Aldrich: 21777-8

Sigma: A6379

References:

Jaworska, J.S. *et al.*, *CA*, 1973, **120**, 156084n, (*tox*)

Fifolt, M.J. *et al.*, *J.O.C.*, 1989, **54**, 3019-3023, (*F-19 nmr*)

Japan. Pat., 1990, 90 121 952; *CA*, **113**, 131720j, (*synth*)

Fr. Pat., 1993, 2 708 931; *CA*, **122**, 814266w, (*synth*)

Tordeux, M. *et al.*, *J. Fluorine Chem.*, 1995, **74**, 251-254, (*synth, F-19 nmr*)