



>>Entry Name: 2-Fluoro-5-(trifluoromethyl)benzoic acid

CAS Registry Number: 115029-23-7

Structure by analogy with 2-Fluoro-3-(trifluoromethyl)benzoic acid, [KNS71-Y](#)

Molecular Formula: C₈H₄F₄O₂

Molecular Weight: 208.112

Accurate Mass: 208.014742

Percentage Composition: C 46.17%; H 1.94%; F 36.52%; O 15.38%

Melting Point: Mp 101-102°

Aldrich: 45525-3

>>Derivative: Nitrile

Synonym(s): 2-Cyano-1-fluoro-4-(trifluoromethyl)benzene. 3-Cyano-4-fluorobenzotrifluoride

CAS Registry Number: 4088-84-0

Molecular Formula: C₈H₃F₄N

Molecular Weight: 189.112

Accurate Mass: 189.020161

Percentage Composition: C 50.81%; H 1.60%; F 40.18%; N 7.41%

Boiling Point: Bp₂₇ 99°

References:

Finger, G.C. *et al.*, *Chem. Comm.*, 1965, 430, (*nitrile*)

Schlosser, M. *et al.*, *Synlett*, 1990, 747, (*synth, pmr*)