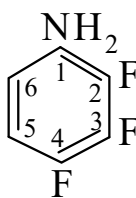




>>Entry Name: 2,3,4-Trifluoroaniline, 8Cl
Synonym(s): 2,3,4-Trifluorobenzenamine, 9Cl



CAS Registry Number: 3862-73-5

Molecular Formula: C₆H₄F₃N

Molecular Weight: 147.099

Accurate Mass: 147.029583

Percentage Composition: C 48.99%; H 2.74%; F 38.75%; N 9.52%

Physical Description: Liq.

Boiling Point: Bp₄₈ 92°

Hazard & Toxicity: Skin and eye irritant. LD₅₀ (rat, orl) 699 mg/kg

Aldrich: 30435-2

Fluka: 91687

Sigma: T5152

>>Derivative: Ac

Synonym(s): 2,3,4-Trifluoroacetanilide

Molecular Formula: C₈H₆F₃NO

Molecular Weight: 189.137

Accurate Mass: 189.040148

Percentage Composition: C 50.80%; H 3.20%; F 30.13%; N 7.41%; O 8.46%

Melting Point: Mp 96°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 524A, (nmr)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1150A, (ir)

Finger, G.C. *et al.*, *J.A.C.S.*, 1959, **81**, 94, (synth)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TJX900