



>>Entry Name: 2,4,6-Trifluoroaniline, 8Cl
Synonym(s): 2,4,6-Trifluorobenzenamine, 9Cl

CAS Registry Number: 363-81-5

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: Cryst.
Melting Point: Mp 33-34°
Boiling Point: Bp₂₂ 57°

Aldrich: 19683-5

>>Derivative: Ac
Synonym(s): 2,4,6-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%
Physical Description: Cryst. (C₆H₆)
Melting Point: Mp 152-153°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 524C, (*nmr*)
Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1230B, (*ir*)
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1150C, (*ir*)
Finger, G.C. *et al.*, *J.A.C.S.*, 1951, **73**, 153, (*synth*)