



>>Entry Name: **2,3,5,6-Tetrafluoroaniline**, 8Cl
Synonym(s): 2,3,5,6-Tetrafluorobenzenamine, 9Cl

CAS Registry Number: 700-17-4

Molecular Formula: C₆H₃F₄N
Molecular Weight: 165.09
Accurate Mass: 165.020161
Percentage Composition: C 43.65%; H 1.83%; F 46.03%; N 8.48%
Physical Description: Cryst.
Melting Point: Mp 29-31.5°
Boiling Point: Bp 158-159°

Aldrich: 10434-5

>>Derivative: *N*-Ac
Synonym(s): 2,3,5,6-Tetrafluoroacetanilide

Molecular Formula: C₈H₅F₄NO
Molecular Weight: 207.127
Accurate Mass: 207.030726
Percentage Composition: C 46.39%; H 2.43%; F 36.69%; N 6.76%; O 7.72%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 138.5-139°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 533C, (*nmr*)
Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1234C, (*ir*)
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1152D, (*ir*)
Brooke, G.M. *et al.*, *J.C.S.*, 1960, 1768; 1962, 3253, (*synth, nmr*)