



>>Entry Name: 3,5-Difluoroaniline

Synonym(s): 3,5-Difluorobenzenamine, 9CI

CAS Registry Number: 372-39-4

Molecular Formula: C₆H₅F₂N

Molecular Weight: 129.109

Accurate Mass: 129.039005

Percentage Composition: C 55.82%; H 3.90%; F 29.43%; N 10.85%

Melting Point: Mp 39-40°

Boiling Point: Bp₂₀ 81-82°

Aldrich: 34147-9

Fluka: 36881

>>Derivative: N-Ac

Molecular Formula: C₈H₇F₂NO

Molecular Weight: 171.146

Accurate Mass: 171.04957

Percentage Composition: C 56.14%; H 4.12%; F 22.20%; N 8.18%; O 9.35%

Melting Point: Mp 129-129.5°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 520A, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1147B, (*ir*)

Finger, G.C. *et al.*, *J.A.C.S.*, 1951, **73**, 153-155, (*synth*)

Bilbo, A.J. *et al.*, *J.A.C.S.*, 1953, **75**, 5312-5314, (*uv*)