



>>Entry Name: **2,6-Difluoroaniline**

Synonym(s): 2,6-Difluorobenzenamine, 9CI

CAS Registry Number: 5509-65-9

Molecular Formula: C<sub>6</sub>H<sub>5</sub>F<sub>2</sub>N

Molecular Weight: 129.109

Accurate Mass: 129.039005

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

Boiling Point: Bp<sub>15</sub> 51-52°

Aldrich: 19661-4

Fluka: 36882

Sigma: D7527

>>Derivative: *N*-Ac

Molecular Formula: C<sub>8</sub>H<sub>7</sub>F<sub>2</sub>NO

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%

Physical Description: Needles (EtOH)

Melting Point: Mp 144.5-146.5°

#### References:

*Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **1**, 1214C, (*ir*)

*Aldrich Library of 13C and 1H FT NMR Spectra*, 1992, **2**, 491A, (*nmr*)

*Aldrich Library of FT-IR Spectra: Vapor Phase*, 1989, **3**, 1133A, (*ir*)

Abraham, R.J. *et al.*, *Chem. Comm.*, 1966, 542-543, (*nmr*)

Roe, A.M. *et al.*, *J. Med. Chem.*, 1968, **11**, 814-819, (*synth*)

Ishikawa, N. *et al.*, *CA*, 1972, **70**, 106087u, (*synth*)