



>>Entry Name: 2-Amino-6-fluorophenol, 9CI

CAS Registry Number: 53981-25-2

Molecular Formula: C₆H₆FNO

Molecular Weight: 127.118

Accurate Mass: 127.043342

Percentage Composition: C 56.69%; H 4.76%; F 14.95%; N 11.02%; O 12.59%

>>Derivative: Me ether

Synonym(s): 3-Fluoro-2-methoxyaniline. 3-Fluoro-2-methoxybenzenamine, 9CI. 3-Fluoro-*o*-anisidine. 2-Amino-6-fluoroanisole

CAS Registry Number: 437-83-2

Molecular Formula: C₇H₈FNO

Molecular Weight: 141.145

Accurate Mass: 141.058992

Percentage Composition: C 59.57%; H 5.71%; F 13.46%; N 9.92%; O 11.34%

Boiling Point: Bp₁₀ 94°

Aldrich: 32389-6

Sigma: F7389

>>Derivative: Me ether, 4-nitrobenzoyl

Physical Description: Yellow cryst.

Melting Point: Mp 147-148.5°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 493A, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1134B, (*ir*)

Niemann, C. *et al.*, *J.A.C.S.*, 1941, **63**, 2204-2208, (*Me ether, synth*)

Aymes, D.J. *et al.*, *Bull. Soc. Chim. Fr.*, Part II, 1980, 175-178, (*Me ether, synth*)