



>>Entry Name: 4-Amino-3-fluorophenol, 9CI

CAS Registry Number: 399-95-1

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%

Physical Description: Needles (Et₂O or H₂O)

Melting Point: Mp 139°

>>Derivative: Me ether

Synonym(s): 2-Fluoro-4-methoxyaniline. 2-Fluoro-4-methoxybenzenamine, 9CI. 2-Fluoro-*p*-anisidine. 4-Amino-3-fluoroanisole

CAS Registry Number: 458-52-6

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%

Physical Description: Needles (H₂O)

Melting Point: Mp 50°

References:

Hodgson, H.H. *et al.*, *J.C.S.*, 1940, 1268-1271; 1941, 645-646, (*Me ether, synth*)

Hammond, P.R., *J.C.S.*, 1964, 471-479, (*synth*)

Stadlwieser, J. *et al.*, *Helv. Chim. Acta*, 1998, **81**, 1088-1094, (*Me ether, synth, ir, pmr*)

Ragan, J.A. *et al.*, *Synthesis*, 1998, 1599-1603, (*Me ether*)

Org. Synth., 2000, **78**, 51-62, (*Me ether, synth, pmr, cmr*)