



>>Entry Name: 5-Amino-2-fluorophenol, 9CI

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): 4-Fluoro-3-methoxyaniline. 4-Fluoro-3-methoxybenzenamine. 5-Amino-2-fluoroanisole. 4-Fluoro-*m*-anisdine

CAS Registry Number: 64465-53-8

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: Oil; solidifies to a pale yellow solid on cooling

Boiling Point: Bp₄₀ 150-152°

>>Derivative: Me ether; hydrochloride

CAS Registry Number: 22510-10-7

Melting Point: Mp 260.5°

References:

South African Pat., 1968, 67 01 021; *CA*, 1969, **70**, 106209, (*Me ether, synth*)

Mulvey, D.M. *et al.*, *Tet. Lett.*, 1978, 1419-1420, (*Me ether, synth*)

Ng, J.S. *et al.*, *J.O.C.*, 1981, **46**, 2520-2528, (*Me ether, synth, pmr, F-19 nmr*)