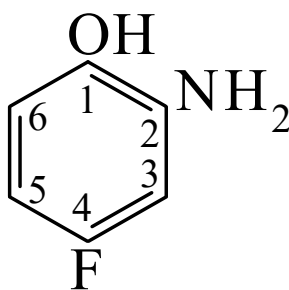




>>Entry Name: 2-Amino-4-fluorophenol, 9CI



CAS Registry Number: 399-97-3

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: Cryst. (MeOH/petrol)

Melting Point: Mp 145-146° (135-136°)

>>Derivative: Me ether

Synonym(s): 5-Fluoro-2-methoxyaniline. 5-Fluoro-2-methoxybenzenamine, 9CI. 5-Fluoro-*o*-anisidine. 2-Amino-4-fluoroanisole

CAS Registry Number: 1978-39-8

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: Liq.

Melting Point: Mp 3°

Boiling Point: Bp₂₀ 117°. Bp₈ 105-106°

>>Derivative: Me ether; hydrochloride

CAS Registry Number: 326-83-0

Melting Point: Mp 141-142°

>>Derivative: Me ether, *N*-Ac

Molecular Formula: C₉H₁₀FNO₂

Molecular Weight: 183.182

Accurate Mass: 183.069557

Percentage Composition: C 59.01%; H 5.50%; F 10.37%; N 7.65%; O 17.47%

Melting Point: Mp 101-102°

References:

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Tikhonina, N.A. *et al.*, *Zh. Obshch. Khim.*, 1975, **45**, 2414; *J. Gen. Chem. USSR (Engl. Transl.)*, 1975, **45**, 2372-2379, (*synth*)

Sindelar, K. *et al.*, *Coll. Czech. Chem. Comm.*, 1982, **47**, 72-87, (*Me ether, synth*)

Levy, L.A. *et al.*, *Biochemistry*, 1988, **27**, 4041-4048, (*synth*)