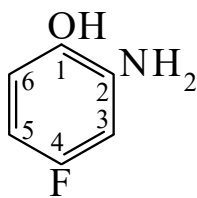




>>Entry Name: 2-Amino-4-fluorophenol, 9CI



**CAS Registry Number:** 399-97-3

**Molecular Formula:** C<sub>6</sub>H<sub>6</sub>FNO

**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:** C<sub>7</sub>H<sub>8</sub>FNO

**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:** Bp<sub>20</sub> 117°. Bp<sub>8</sub> 105-106°

>>Derivative: Me ether; hydrochloride

**CAS Registry Number:** 326-83-0

**Melting Point:** Mp 141-142°

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

**Molecular Formula:** C<sub>9</sub>H<sub>10</sub>FNO<sub>2</sub>

**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:

Corse, J. *et al.*, *J.O.C.*, 1951, **16**, 1345-1348, (*Me ether, synth*)

Helin, A.F. *et al.*, *J.O.C.*, 1952, **17**, 229-232, (*Me ether, synth*)

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*)