



>>Entry Name: 2-Amino-5-fluoropyridine, 8Cl

Synonym(s): 5-Fluoro-2-pyridinamine, 9Cl

CAS Registry Number: 21717-96-4

Molecular Formula: $C_5H_5FN_2$

Molecular Weight: 112.106

Accurate Mass: 112.043676

Percentage Composition: C 53.57%; H 4.50%; F 16.95%; N 24.99%

Physical Description: Cryst. (petrol)

Melting Point: Mp 96-98° (93-93.7°)

Boiling Point: Subl._{0.2} 45°

>>Derivative: N-Ac

CAS Registry Number: 100304-88-9

Molecular Formula: $C_7H_7FN_2O$

Molecular Weight: 154.144

Accurate Mass: 154.054241

Percentage Composition: C 54.54%; H 4.58%; F 12.33%; N 18.17%; O 10.38%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 121.5-123°

Boiling Point: Subl._{0.2} 80°

>>Derivative: N-Ph

Synonym(s): 2-Anilino-5-fluoropyridine

CAS Registry Number: 51269-88-6

Molecular Formula: $C_{11}H_{10}FN_2$

Molecular Weight: 198.283

Accurate Mass: 198.153226

Percentage Composition: C 66.63%; H 9.66%; F 9.58%; N 14.13%

Melting Point: Mp 99-100°

References:

Hand, E.S. *et al.*, *Synthesis*, 1989, 905-908, (*synth*, *pmr*, *F-19-nmr*)