



>>Entry Name: **4-Amino-3-bromopyridine**

Synonym(s): 3-Bromo-4-pyridinamine, 9CI

CAS Registry Number: 13534-98-0

Molecular Formula: C₅H₅BrN₂

Molecular Weight: 173.012

Accurate Mass: 171.983609

Percentage Composition: C 34.71%; H 2.91%; Br 46.18%; N 16.19%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 70°

pKa Value: pK_a 7.34 (20°,H₂O)

>>Derivative: N¹-Oxide

CAS Registry Number: 84539-36-6

Molecular Formula: C₈H₅BrN₂O

Molecular Weight: 225.044

Accurate Mass: 223.978524

Percentage Composition: C 42.70%; H 2.24%; Br 35.51%; N 12.45%; O 7.11%

Melting Point: Mp 195.5-197°

>>Derivative: 4-N-Ac

CAS Registry Number: 13535-03-0

Molecular Formula: C₇H₇BrN₂O

Molecular Weight: 215.049

Accurate Mass: 213.994174

Percentage Composition: C 39.10%; H 3.28%; Br 37.16%; N 13.03%; O 7.44%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 102-103°

>>Derivative: 4-N,N-Di-Me

CAS Registry Number: 84539-35-5

Molecular Formula: C₇H₉BrN₂

Molecular Weight: 201.066

Accurate Mass: 200.014909

Percentage Composition: C 41.82%; H 4.51%; Br 39.74%; N 13.93%

Melting Point: Mp 83-85°

Boiling Point: Bp_{1.5} 172°

References: