



>>Entry Name: **3-Amino-5-bromopyridine**, 8Cl

Synonym(s): 5-Bromo-3-pyridinamine, 9Cl

CAS Registry Number: 13535-01-8

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. (petrol)

Melting Point: Mp 66-67° (64-65°)

Boiling Point: Bp₁₂ 153°. Bp_{0.5} 102-105°

>>Derivative: N¹-Oxide

CAS Registry Number: 28733-47-3

Molecular Formula: C₅H₅BrN₂O

Molecular Weight: 189.011

Accurate Mass: 187.978524

Percentage Composition: C 31.77%; H 2.67%; Br 42.27%; N 14.82%; O 8.46%

Melting Point: Mp 125-130° (as hydrochloride)

Other Data: CAS no. refers to the hydrochloride

>>Derivative: 3-N-Ac

CAS Registry Number: 15862-46-1

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. (C₆H₆)

Melting Point: Mp 127-128°

>>Derivative: 3-N-Benzoyl

CAS Registry Number: 15862-47-2

Melting Point: Mp 130°