



>>Entry Name: **2-Amino-5-bromopyridine**, 8Cl

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

CAS Registry Number: 1072-97-5

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 137°

pKa Value: pK_a 4.8 (H₂O) pK_a 12.07 (MeCN)

Aldrich: 12285-8

Fluka: 7150

>>Derivative: N¹-Oxide

CAS Registry Number: 696-15-1

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 184° (180-181°)

>>Derivative: 2-N-Ac

CAS Registry Number: 7169-97-3

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: Needles (EtOH)

Melting Point: Mp 175°