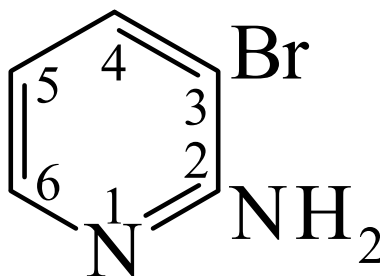




>>Entry Name: 2-Amino-3-bromopyridine, 8Cl

Synonym(s): 3-Bromo-2-pyridinamine, 9Cl



CAS Registry Number: 13534-99-1

Molecular Formula: $C_5H_5BrN_2$

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. (C_6H_6 /petrol)

Melting Point: Mp 64.5-65.5°

pKa Value: pK_a 4.66 (20°, 10% EtOH)

>>Derivative: 2-*N*-Ac

CAS Registry Number: 155444-28-3

Molecular Formula: $C_7H_7BrN_2O$

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 (petrol)

Melting Point: Mp 96-97°. Mp 151-152°

References:

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Strekowski, L. *et al.*, *Synth. Commun.*, 1994, **24**, 2387-2392, (*2-N-Ac*)