



>>Entry Name: 2-Amino-5-bromo-4-methylpyridine

Synonym(s): 5-Bromo-4-methyl-2-pyridinamine, 9Cl. 2-Amino-5-bromo-4-picoline, 8Cl

CAS Registry Number: 98198-48-2

Molecular Formula: C₆H₇BrN₂

Molecular Weight: 187.039

Accurate Mass: 185.999259

Percentage Composition: C 38.53%; H 3.77%; Br 42.72%; N 14.98%

Physical Description: Cryst. (toluene/cyclohexane)

Melting Point: Mp 150.5-152.5° (147-147.5°)

>>Derivative: 2-N-Ac

CAS Registry Number: 142404-82-8

Molecular Formula: C₈H₉BrN₂O

Molecular Weight: 229.076

Accurate Mass: 228.009824

Percentage Composition: C 41.95%; H 3.96%; Br 34.88%; N 12.23%; O 6.98%

Physical Description: Cryst. (EtOAc/Et₂O)

Melting Point: Mp 156-157°

>>Derivative: 2-N-Me

CAS Registry Number: 155789-99-4

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%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 81-82°

References:

Graboyes, H., *J.A.C.S.*, 1957, **79**, 6421, (*synth*)

Dunn, A.D. *et al.*, *J. Prakt. Chem.*, 1989, **331**, 369-374, (*synth, pmr, deriv*)

Wasgindt, M. *et al.*, *Synth. Commun.*, 1999, **29**, 103-110, (*synth, pmr, cmr, ms*)