



>>Entry Name: 6-Amino-3-bromo-2-methylpyridine

Synonym(s): 5-Bromo-6-methyl-2-pyridinamine, 9Cl. 6-Amino-3-bromo-2-picoline, 8Cl

CAS Registry Number: 42753-71-9

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. (petrol)

Melting Point: Mp 83-84°

Rare Chemicals Library: S80317-0

Other: Oakwood 2495

>>Derivative: 6-*N*-Ac

CAS Registry Number: 142404-84-0

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/petrol)

Melting Point: Mp 158-159°

>>Derivative: 6-*N*-Me

CAS Registry Number: 155789-98-3

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 64-65°

References:

Adams, R. *et al.*, *J.A.C.S.*, 1949, **71**, 1186-1195, (*synth*)

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