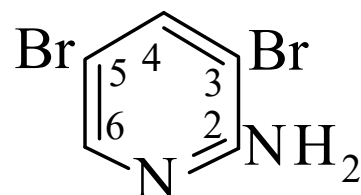




>>Entry Name: 2-Amino-3,5-dibromopyridine

Synonym(s): 3,5-Dibromo-2-pyridinamine, 9CI



CAS Registry Number: 35486-42-1

Molecular Formula: C<sub>5</sub>H<sub>4</sub>Br<sub>2</sub>N<sub>2</sub>

Molecular Weight: 251.908

Accurate Mass: 249.91412

Percentage Composition: C 23.84%; H 1.60%; Br 63.44%; N 11.12%

Physical Description: Cryst. (EtOH aq. or petrol)

Melting Point: Mp 106-107°

Other Data: Steam-volatile

Aldrich: 18050-5

>>Derivative: 2-*N*-Ac

Molecular Formula: C<sub>7</sub>H<sub>6</sub>Br<sub>2</sub>N<sub>2</sub>O

Molecular Weight: 293.945

Accurate Mass: 291.924685

Percentage Composition: C 28.60%; H 2.06%; Br 54.37%; N 9.53%; O 5.44%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 102°

>>Derivative: 2-*N*-Benzoyl

Molecular Formula: C<sub>12</sub>H<sub>8</sub>Br<sub>2</sub>N<sub>2</sub>O

Molecular Weight: 356.016

Accurate Mass: 353.940335

Percentage Composition: C 40.48%; H 2.26%; Br 44.89%; N 7.87%; O 4.49%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 142-143°

#### References:

*Aldrich Library of FT-IR Spectra*, 1st edn., 1985, **2**, 773D, (*ir*)

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den Hertog, H.J. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1945, **64**, 85, (*synth*)

Gray, A.P. *et al.*, *J.A.C.S.*, 1959, **81**, 4347, (*synth*)