



>>Entry Name: 3-Amino-5-iodopyridine, 8Cl

Synonym(s): 5-Iodo-3-pyridinamine, 9Cl

CAS Registry Number: 25391-66-6

Molecular Formula: C₅H₅IN₂

Molecular Weight: 220.012

Accurate Mass: 219.949746

Percentage Composition: C 27.30%; H 2.29%; I 57.68%; N 12.73%

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 71°

>>Derivative: Picrate

CAS Registry Number: 25391-67-7

Physical Description: Cryst.

Melting Point: Mp 252° (225°)

>>Derivative: N-Ac

Molecular Formula: C₇H₇IN₂O

Molecular Weight: 262.05

Accurate Mass: 261.960311

Percentage Composition: C 32.08%; H 2.69%; I 48.43%; N 10.69%; O 6.11%

Physical Description: Cryst.

Melting Point: Mp 202°

>>Derivative: N-Benzoyl

Molecular Formula: C₁₂H₉IN₂O

Molecular Weight: 324.12

Accurate Mass: 323.975961

Percentage Composition: C 44.47%; H 2.80%; I 39.15%; N 8.64%; O 4.94%

Physical Description: Cryst.

Melting Point: Mp 158°

References:

Plazek, E. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1938, **18**, 210; 215, (*synth*)

Batkowski, T., *Pol. J. Chem. (Rocz. Chem.)*, 1969, **43**, 1623, (*synth, derivs*)