



>>Entry Name: 2-Amino-5-iodopyridine, 8CI

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

CAS Registry Number: 20511-12-0

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: Needles (C₆H₆)

Melting Point: Mp 130°

Rare Chemicals Library: S94018-6

>>Derivative: Picrate

Physical Description: Yellow needles (EtOH or Me₂CO)

Melting Point: Mp 240°

>>Derivative: N-Ac

CAS Registry Number: 66131-78-0

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. (C₆H₆)

Melting Point: Mp 150°

References:

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Shepherd, R.G. *et al.*, *J.A.C.S.*, 1948, **70**, 157-160, (*synth*)
Cumper, C.W.N., *J.C.S.(B)*, 1968, 649-651, (*uv*)
Jovanovic, M.V., *Heterocycles*, 1984, **22**, 1195-1210, (*synth*, *pmr*)
Hsieh, H.-P. *et al.*, *J.O.C.*, 1995, **60**, 5356-5359, (*synth*, *uv-vis*, *pmr*)
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