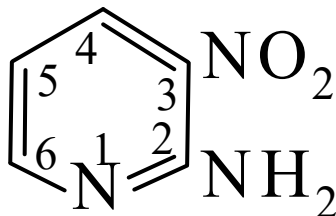




>>Entry Name: 2-Amino-3-nitropyridine

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



CAS Registry Number: 4214-75-9

Molecular Formula: $C_5H_5N_3O_2$

Molecular Weight: 139.113

Accurate Mass: 139.038177

Percentage Composition: C 43.17%; H 3.62%; N 30.21%; O 23.00%

Physical Description: Yellow cryst.

Melting Point: Mp 164°

pKa Value: pK_a 2.33 (20°)

Aldrich: 11351-4

Fluka: 8940

>>Derivative: 2-*N*-Me

CAS Registry Number: 4093-88-3

Molecular Formula: $C_6H_7N_3O_2$

Molecular Weight: 153.14

Accurate Mass: 153.053827

Percentage Composition: C 47.06%; H 4.61%; N 27.44%; O 20.90%

Physical Description: Golden-yellow cryst.

Melting Point: Mp 63-64°

Boiling Point: Bp 262-262.5° dec.

Solubility: Sol. H_2O

>>Derivative: 2-*N*-Nitro

CAS Registry Number: 6936-39-6

Molecular Formula: $C_5H_4N_4O_4$

Molecular Weight: 184.111

Accurate Mass: 184.023256

Percentage Composition: C 32.62%; H 2.19%; N 30.43%; O 34.76%

Physical Description: Yellow cryst. (H_2O)

Melting Point: Mp 137°

References:

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