



>>Entry Name: **2-Amino-5-methyl-3-nitropyridine**

Synonym(s): 5-Methyl-3-nitro-2-pyridinamine, 9CI. 5-Nitro-6-amino- β -picoline

CAS Registry Number: 7598-26-7

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: Yellow cryst. (H_2O)

Melting Point: Mp 175-176°. Mp 192-193°

pKa Value: pK_a 2.98 (20°)

References:

Boyer, J.H. *et al.*, *J.A.C.S.*, 1956, **78**, 423

Talik, T. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1968, **42**, 1647; *CA*, **70**, 96568

Cai, S.X. *et al.*, *J. Med. Chem.*, 1997, **40**, 3679-3686, (*synth, pmr*)