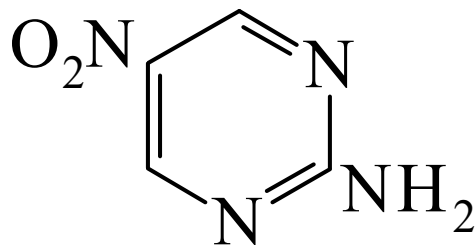




>>Entry Name: 2-Amino-5-nitropyrimidine

Synonym(s): 5-Nitro-2-pyrimidinamine, 9CI



CAS Registry Number: 3073-77-6

Molecular Formula: C₄H₄N₄O₂

Molecular Weight: 140.101

Accurate Mass: 140.033426

Percentage Composition: C 34.29%; H 2.88%; N 39.99%; O 22.84%

Physical Description: Needles (EtOH)

Melting Point: Mp 236° (233-234°)

Solubility: Insol. Et₂O, petrol, CHCl₃, C₆H₆, CCl₄

Aldrich: A7083-6

References:

Hale, W.J. *et al.*, *J.A.C.S.*, 1912, **34**, 82, (*synth*)

Wagner, R.M. *et al.*, *Chem. Ber.*, 1971, **104**, 2975, (*synth, pmr*)

Brown, D.J. *et al.*, *J.C.S.(C)*, 1971, 425, (*pmr*)

Harris, M.G. *et al.*, *Can. J. Chem.*, 1977, **55**, 3800, (*props*)