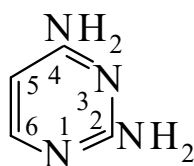




>>Entry Name: 2,4-Pyrimidinediamine, 9CI

Synonym(s): 2,4-Diaminopyrimidine



CAS Registry Number: 156-81-0

Molecular Formula: C₄H₆N₄

Molecular Weight: 110.118

Accurate Mass: 110.059246

Percentage Composition: C 43.63%; H 5.49%; N 50.88%

Melting Point: Mp 149-150°

Solubility: V. sol. H₂O

pKa Value: pK_{a1} 7.23; pK_{a2} -1.01 (HCl aq.)

Aldrich: 46823-1

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 381C, (*nmr*)

Brown, D.J. *et al.*, *Aust. J. Chem.*, 1962, **15**, 851, (*synth*)

Ferris, J.P. *et al.*, *J. Mol. Evol.*, 1974, **3**, 301; *CA*, **82**, 43323, (*synth*)

Gomes, A.C. *et al.*, *Acta Cryst. C*, 1996, **52**, 2020, (*cryst struct*)