



>>Entry Name: **2,5-Pyrimidinediamine**, 9CI

Synonym(s): 2,5-Diaminopyrimidine

CAS Registry Number: 22715-27-1

Molecular Formula: C₄H₆N₄

Molecular Weight: 110.118

Accurate Mass: 110.059246

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

Physical Description: Yellow cryst. (H₂O)

Melting Point: Mp 207-208°

pKa Value: pK_{a1} 3.93; pK_{a2} 0.99 (20°)

References:

Raiziss, G.W. *et al.*, *J.A.C.S.*, 1942, **64**, 2340, (*synth*)

Sugasawa, S. *et al.*, *Yakugaku Zasshi*, 1952, **72**, 192; *CA*, **47**, 2181, (*synth*)