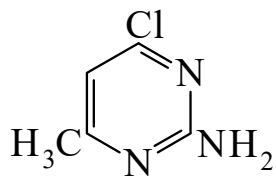




>>Entry Name: 2-Amino-4-chloro-6-methylpyrimidine, 8Cl

Synonym(s): 4-Chloro-6-methyl-2-pyrimidinamine, 9Cl



CAS Registry Number: 5600-21-5

Molecular Formula: C₅H₆ClN₃

Molecular Weight: 143.575

Accurate Mass: 143.025024

Percentage Composition: C 41.83%; H 4.21%; Cl 24.69%; N 29.27%

Use/Importance: Nitrification inhibitor

Physical Description: Cryst. (EtOH)

Melting Point: Mp 183-186°

Aldrich: 12288-2

Fluka: 7470

Sigma: A4004

References:

Gabriel, S. *et al.*, *Ber.*, 1899, **32**, 2921, (*synth*)

Johnson, T.B. *et al.*, *J.A.C.S.*, 1938, **60**, 1622, (*synth*)

Clews, C.J.B. *et al.*, *Nature (London)*, 1947, **159**, 264, (*cryst struct*)

Marshall, J.R. *et al.*, *J.C.S.*, 1951, 1004, (*synth*)

Slangen, J.H.G., *Fert. Res.*, 1984, **5**, 1, (*rev, use*)