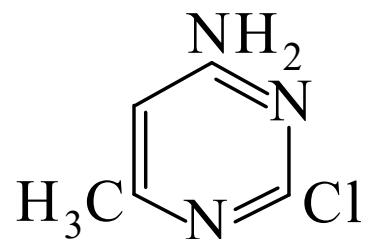




>>Entry Name: 4-Amino-2-chloro-6-methylpyrimidine, 8Cl

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



CAS Registry Number: 14394-60-6

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%

Physical Description: Prisms (EtOH)

Melting Point: Mp 219.5°

>>Derivative: *N,N*-Di-Me

Synonym(s): 2-Chloro-4-dimethylamino-6-methylpyrimidine. 2-Chloro-*N,N*,6-trimethyl-4-pyrimidinamine, 9Cl. Crimidine, BSI, ISO. Castrix. Crimitox

CAS Registry Number: 535-89-7

Molecular Formula: C₇H₁₀ClN₃

Molecular Weight: 171.629

Accurate Mass: 171.056324

Percentage Composition: C 48.99%; H 5.87%; Cl 20.66%; N 24.48%

Use/Importance: Rodenticide. Now superseded

Physical Description: Solid

Melting Point: Mp 87°

Boiling Point: Bp₄ 140-147°

Hazard & Toxicity: Highly toxic

References:

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

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

Matsumoto, S. *et al.*, *CA*, 1964, **61**, 6300h, (*use*)

Goya, S. *et al.*, *Yakugaku Zasshi*, 1966, **86**, 952, (*ir*)

Khmel'nitskii, R.A. *et al.*, *Khim. Geterotsikl. Soedin.*, 1973, 1689, (*ms*)

Pesticide Manual, 9th edn., 1991, No. 3380, (*use, deriv*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CCP500