



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

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

CAS Registry Number: 10132-07-7

Molecular Formula: C₄H₃Cl₂N₃

Molecular Weight: 163.993

Accurate Mass: 162.970401

Percentage Composition: C 29.30%; H 1.84%; Cl 43.24%; N 25.62%

Physical Description: Needles (MeOH)

Melting Point: Mp 270-271° (265° dec.)

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

CAS Registry Number: 117077-93-7

Molecular Formula: C₆H₇Cl₂N₃

Molecular Weight: 192.047

Accurate Mass: 191.001701

Percentage Composition: C 37.53%; H 3.67%; Cl 36.92%; N 21.88%

Physical Description: Yellow solid (hexane)

Melting Point: Mp 113° (107-109°)

>>Derivative: *N*-Ph

CAS Registry Number: 28230-47-9

Molecular Formula: C₁₀H₇Cl₂N₃

Molecular Weight: 240.091

Accurate Mass: 239.001701

Percentage Composition: C 50.03%; H 2.94%; Cl 29.53%; N 17.50%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 134-136°

References:

Clew, C.J.B. *et al.*, *Acta Cryst.*, 1949, **2**, 46, (*cryst struct*)

Nakazawa, J. *et al.*, *CA*, 1961, **55**, 6491d, (*synth*)

Klotzer, W. *et al.*, *Monatsh. Chem.*, 1961, **92**, 128, (*synth*)

Lafaix, A.J. *et al.*, *Spectrochim. Acta A*, 1970, **26**, 1243, (*ir*)

Delia, T.J. *et al.*, *J. Het. Chem.*, 1999, **36**, 1259-1261, (*synth, N,N-di-Me, pmr*)

Schomaker, J.M. *et al.*, *J. Het. Chem.*, 2000, **37**, 1457-1462, (*N-Ph*)