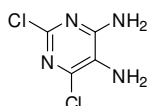




Certificate of Analysis

Axon Catalogue ID: 1332 **Batch Number:** 3
Product Name: NSC 45913
Alternative Name(s): N.A.
IUPAC Name: 2,6-Dichloro-pyrimidine-4,5-diamine

Structure:



Amount:

CAS number(s): 130838-36-7
Molecular Formula: C₄H₄Cl₂N₄ **Molecular Weight:** 179.01
Batch Molecular Formula: C₄H₄Cl₂N₄ **Batch Molecular Weight:** 179.01
Appearance: Pale -yellow solid **Observed mp:** 268 °C
TLC (R_f): 0.75 EtOAc
Chemical Purity: >95%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 26.84, H 2.25, N 31.30; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks: Moderately soluble in ethanol, methanol, acetone and ethyl acetate, better soluble in THF and DMSO.

QC Date: 30-06-2010

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only