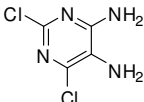




Certificate of Analysis

Axon Catalogue ID:	1332	Batch Number:	5
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:	C ₄ H ₄ Cl ₂ N ₄	Molecular Weight:	179.01
Batch Molecular Formula:	C ₄ H ₄ Cl ₂ N ₄	Batch Molecular Weight:	179.01
Appearance:	Pale-yellow solid	Observed mp:	235 °C (decomp)
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:	30-06-2019		

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