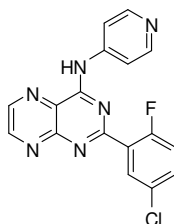




Certificate of Analysis

Axon Catalogue ID: 1387 **Batch Number:** 2
Product Name: SD 208
Alternative Name(s): N.A.
IUPAC Name: 2-(5-Chloro-2-fluorophenyl)-N-(pyridin-4-yl)pteridin-4-amine

Structure:



Amount:

CAS number: 627536-09-8
Batch Molecular Formula: C₁₇H₁₀ClF₁N₆ **Batch MW:** 352.75
Appearance: Pale brownish solid **Observed mp:** 257 - 259 °C
TLC (R_f): 0.7 DCM:MeOH (9:1)
Chemical Purity: 99.6%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.88 , H 2.86 , N 23.82 Found: C ND , H ND , N ND
Storage Conditions: Store at -20 °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	6.6	18.7	Soluble; requires warming up to 40°C
	EtOH	2.4	6.8	Soluble; requires warming up to 40°C

Remarks:

QC Date: 17-09-2008

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