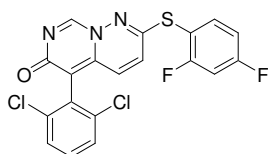




Certificate of Analysis

Axon Catalogue ID: 1811 **Batch Number:** 1
Product Name: VX 745
Alternative Name(s): N.A.
IUPAC Name: 5-(2,6-Dichlorophenyl)-2-(2,4-difluorophenylthio)-6H-pyrimido[1,6-b]pyridazin-6-one

Structure:



Amount:

CAS number: 209410-46-8
Batch Molecular Formula: C₁₉H₉Cl₂F₂N₃O₃ **Batch MW:** 436.26
Appearance: Yellow solid **Observed mp:** 266.2 - 267.3 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.2%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.31 , H 2.08 , N 9.63 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	43.6	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 16-03-2012

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