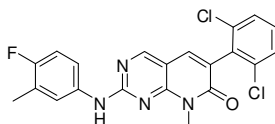




Certificate of Analysis

Axon Catalogue ID: 1137 **Batch Number:** 1
Product Name: PD180970
Alternative Name(s): N.A.
IUPAC Name: 6-(2,6-Dichloro-phenyl)-2-(4-fluoro-3-methyl-phenylamino)-8-methyl-8H-pyrido[2,3-d]pyrimidin-7-one

Structure:



Amount:

CAS number(s): 287204-45-9
Molecular Formula: C₂₁H₁₅Cl₂FN₄O **Molecular Weight:** 429.27
Batch Molecular Formula: C₂₁H₁₅Cl₂FN₄O **Batch Molecular Weight:** 429.27
Appearance: Yellow solid **Observed mp:** 246 - 247 °C
TLC (R_f): 0.8 Hex/EtOAc (1:1)
Chemical Purity: 98.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.76, H 3.52, N 13.05; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	24.0	55.9	
	EtOH	1.7	3.9	Insoluble

Remarks:

QC Date: 10-1-2019

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