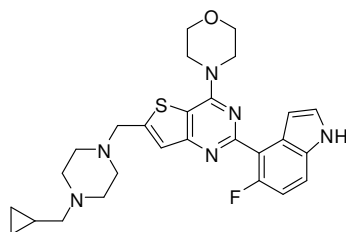


Certificate of Analysis

Axon Catalogue ID: 3045 **Batch Number:** 1
Product Name: PI 3065
Alternative Name(s): N.A.
IUPAC Name: 4-(6-((4-(Cyclopropylmethyl)piperazin-1-yl)methyl)-2-(5-fluoro-1H-indol-4-yl)thieno[3,2-d]pyrimidin-4-yl)morpholine

Structure:



Amount:

CAS number(s): 955977-50-1
Molecular Formula: C₂₇H₃₁FN₆O₅ **Molecular Weight:** 506.64
Batch Molecular Formula: C₂₇H₃₁FN₆O₅·0.5H₂O **Batch Molecular Weight:** 515.65
Appearance: Off-white solid **Observed mp:** 213 - 215 °C
TLC (R_f): 0.55 DCM/MeOH (9:1)
Chemical Purity: 98.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.89, H 6.26, N 16.30; Found: C 63.01, H 6.15, N 16.33
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	19.0	36.8	
	DMSO	16.0	31.0	Warming enhances solubility
	EtOH			Not Tested

Remarks:

QC Date: 25-11-2019

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