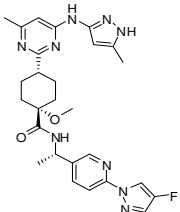




Certificate of Analysis

Axon Catalogue ID:	3854	Batch Number:	2
Product Name:	BLU-667		
Alternative Name(s):	Pralsetinib; RG6396		
IUPAC Name:	cis-N-((S)-1-(6-(4-fluoro-1H-pyrazol-1-yl)pyridin-3-yl)ethyl)-1-methoxy-4-(4-methyl-6-(5-methyl-1H-pyrazol-3-ylamino)pyrimidin-2-yl)cyclohexanecarboxamide		
Structure:			Amount:
CAS number(s):	2097132-94-8		
Molecular Formula:	C27H32FN9O2	Molecular Weight:	533.60
Batch Molecular Formula:	C27H32FN9O2.0.5H2O	Batch Molecular Weight:	542.61
Appearance:	White solid	Observed mp:	116 - 121 °C
TLC (R_f):	0.5	DCM/MeOH (9:1)	
Chemical Purity:	98.6%		
Optical Purity (ee):	Optically pure		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 59.76, H 6.13, N 23.23; Found: C 59.38, H 6.03, N 23.49		
Storage Conditions:	Desiccate at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)	0.0	0.0
	DMSO	54.3	>100 mM
	EtOH	54.3	>100 mM
Remarks:			
QC Date:	28-7-2023		

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