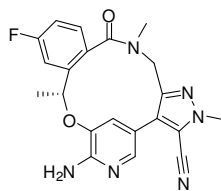


Certificate of Analysis

Axon Catalogue ID:	2600	Batch Number:	2
Product Name:	PF 06463922		
Alternative Name(s):	Lorlatinib		
IUPAC Name:	(16R)-19-Amino-13-fluoro-4,8,16-trimethyl-9-oxo-17-oxa-4,5,8,20-tetrazatetracyclo[16.3.1.02,6.010,15]docosa-1(22),2,5,10(15),11,13,18,20-octaene-3-		
Structure:			Amount:
CAS number(s):	1454846-35-5		
Molecular Formula:	C21H19FN6O2	Molecular Weight:	406.41
Batch Molecular Formula:	C21H19FN6O2.H2O	Batch Molecular Weight:	424.43
Appearance:	White solid	Observed mp:	238 °C
TLC (R_f):	0.59	DCM/MeOH (9:1)	
Chemical Purity:	99.8%		
Optical Purity (ee):	Optically pure		
Optical Rotation (Det.):	[α] _D = -125.1° with c = 0.5 in MeOH		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 59.43, H 4.99, N 19.80; Found: C 59.82, H 4.63, N 19.75		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)		
	DMSO	42.4	>100 mM
	EtOH	38.0	89.5
Remarks:			
QC Date:	23-2-2024		

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