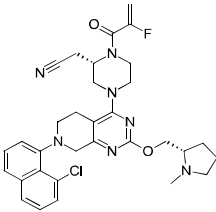




Certificate of Analysis

Axon Catalogue ID:	4036	Batch Number:	2
Product Name:	MRTX849		
Alternative Name(s):	Adagrasib		
IUPAC Name:	2-(((S)-4-(7-(8-Chloronaphthalen-1-yl)-2-(((S)-1-methylpyrrolidin-2-yl)methoxy)-5,6,7,8-tetrahydropyrido[3,4-d]pyrimidin-4-yl)-1-(2-fluoroacryloyl)piperazin-2-yl)acetonitrile		
Structure:			Amount:
CAS number(s):	2326521-71-3		
Molecular Formula:	C32H35ClFN7O2	Molecular Weight:	604.12
Batch Molecular Formula:	C32H35ClFN7O2	Batch Molecular Weight:	604.12
Appearance:	White solid	Observed mp:	125.5 - 135.5 °C
TLC (R_f):	0.4	DCM/MeOH (9:1)	
Chemical Purity:	99.7%		
Optical Purity (ee):	Optically pure		
Optical Rotation (Det.):	[α] _D = -3.3° with c = 0.5 in CH ₃ CN		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 63.62, H 5.84, N 16.23; Found: C 63.40, H 5.78, N 16.11		
Storage Conditions:	Store at	-20 °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)	21.3	35.3	
	DMSO	4.6	7.6	
	EtOH	0.0	0.0	Insoluble

Remarks:

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