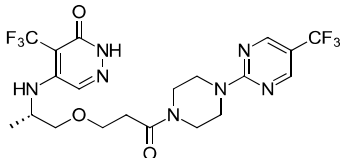




Certificate of Analysis

Axon Catalogue ID:	4435	Batch Number:	1
Product Name:	RBN-2397		
Alternative Name(s):	Atamparib		
IUPAC Name:	5-((S)-1-Methyl-2-(3-oxo-3-(4-(5-(trifluoromethyl)-2-pyrimidinyl)-1-piperazinyl)propoxy)ethylamino)-4-(trifluoromethyl)-3(2H)-pyridazinone		
Structure:			Amount:
CAS number(s):	2381037-82-5		
Molecular Formula:	C20H23F6N7O3	Molecular Weight:	523.43
Batch Molecular Formula:	C20H23F6N7O3	Batch Molecular Weight:	523.43
Appearance:	White solid	Observed mp:	172.1 - 173.4 °C
TLC (R_f):	0.7	DCM/MeOH (9:1)	
Chemical Purity:	99.5%		
Optical Purity (ee):	Optically pure		
Optical Rotation (Det.):	[α] _D = +36.3° with c = 0.5 in MeOH		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 45.89, H 4.43, N 18.73; Found: C 45.96, H 4.35, N 18.46		
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)			Not Tested
	DMSO	52.3	>100 mM	
	EtOH	4.8	9.2	

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