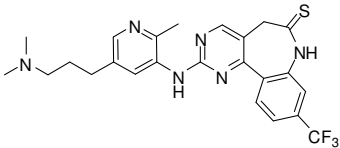




Certificate of Analysis

Axon Catalogue ID:	1910	Batch Number:	1
Product Name:	MLN0905		
Alternative Name(s):	N.A.		
IUPAC Name:	2-(5-(3-(Dimethylamino)propyl)-2-methylpyridin-3-ylamino)-9-(trifluoromethyl)-5H-benzo[b]pyrimido[4,5-d]azepine-6(7H)-thione		
Structure:		Amount:	
CAS number(s):	1228960-69-7		
Molecular Formula:	C ₂₄ H ₂₅ F ₃ N ₆ S	Molecular Weight:	486.56
Batch Molecular Formula:	C ₂₄ H ₂₅ F ₃ N ₆ S.1.5H ₂ O	Batch Molecular Weight:	513.58
Appearance:	Beige solid	Observed mp:	180.0 - 182.0 °C
TLC (R_f):	0.54	DCM/MeOH/NH ₃ (9:1:0.1)	
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 56.13, H 5.50, N 16.36; Found: C 55.76, H 5.25, N 16.13		
Storage Conditions:	Store at	+4 °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)	20.0	38.9
	DMSO	40.0	77.9
	EtOH		Not Tested
Remarks:			
QC Date:	29-11-2018		

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