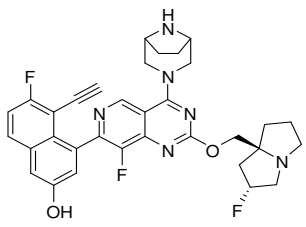




Certificate of Analysis

Axon Catalogue ID:	3761	Batch Number:	3
Product Name:	MRTX1133		
Alternative Name(s):	N.A.		
IUPAC Name:	4-(4-(3,8-Diazabicyclo[3.2.1]octan-3-yl)-8-fluoro-2-(((2R,7aS)-2-fluorohexahydro-1H-pyrrolizin-7a-yl)methoxy)pyrido[4,3-d]pyrimidin-7-yl)-5-ethynyl-6-fluoronaphthalen-2-ol		
Structure:			
		Amount:	
CAS number(s):	2621928-55-8		
Molecular Formula:	C33H31F3N6O2	Molecular Weight:	600.63
Batch Molecular Formula:	C33H31F3N6O2.2H2O	Batch Molecular Weight:	636.66
Appearance:	Beige solid	Observed mp:	170 °C (decomp)
TLC (R_f):	0.13	DCM/MeOH/TEA (1:1:0.1)	
Chemical Purity:	99.2%		
Optical Purity (ee):	Optically pure		
Optical Rotation (Det.):	[α] _D = +18.9° with c = 0.38 in MeOH		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 62.25, H 5.54, N 13.20; Found: C 62.56, H 5.40, N 13.11		
Storage Conditions:	Store at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)	30.0	47.1
	DMSO	63.7	>100 mM
	EtOH	63.7	>100 mM
Remarks:	Contains 2.5 wt% of methanol, determined by NMR		
QC Date:	16-5-2023		

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