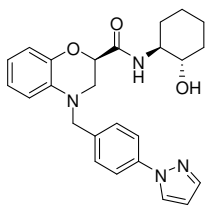


Certificate of Analysis

Axon Catalogue ID:	3271	Batch Number:	4
Product Name:	VU0486846		
Alternative Name(s):	N.A.		
IUPAC Name:	(R)-4-(4-(1H-Pyrazol-1-yl)benzyl)benzyl-N-((1S,2S)-2-hydroxycyclohexyl)-3,4-dihydro-2H-benzo[b][1,4]oxazine-2-carboxamide		
Structure:			Amount:
CAS number(s):	1788055-11-7		
Molecular Formula:	C25H28N4O3	Molecular Weight:	432.51
Batch Molecular Formula:	C25H28N4O3	Batch Molecular Weight:	432.51
Appearance:	White solid	Observed mp:	165.3 - 167.0 °C
TLC (R_f):	0.7	DCM/MeOH (9:1)	
Chemical Purity:	99.1%		
Optical Purity (ee):	100%		
Optical Rotation (Det.):	[α] _D = +47.9° with c = 1 in MeOH		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 69.42, H 6.53, N 12.95; Found: C 69.36, H 6.59, N 12.92		
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	43.3	>100 mM
	EtOH	0.0	0.0
			Remarks
			Insoluble
			Not Tested
			Not Tested
Remarks:			
QC Date:	6-9-2022		

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