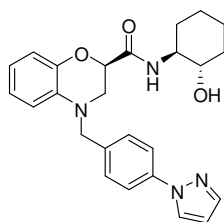




Certificate of Analysis

Axon Catalogue ID: 3271 **Batch Number:** 3
Product Name: VU0486846
Alternative Name(s): N.A.
IUPAC Name: (R)-4-(4-(1H-Pyrazol-1-yl)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:** 164.5 - 166.8 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 98.5%
Optical Purity (ee): 100%
Optical Rotation (Det.): [α]_D = +59.8° 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 69.17, H 6.42, N 12.99
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)			Not Tested
	DMSO	43.3	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 28-04-2022

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