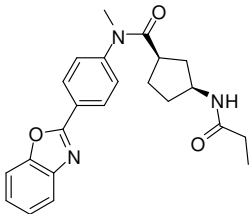




Certificate of Analysis

Axon Catalogue ID:	3181	Batch Number:	1																								
Product Name:	BI 99179																										
Alternative Name(s):	N.A.																										
IUPAC Name:	(1R,3S)-N-(4-(Benzo[d]oxazol-2-yl)phenyl)-N-methyl-3-propionamidocyclopentanecarboxamide																										
Structure:		Amount:																									
CAS number(s):	1291779-76-4																										
Molecular Formula:	C ₂₃ H ₂₅ N ₃ O ₃	Molecular Weight:	391.46																								
Batch Molecular Formula:	C ₂₃ H ₂₅ N ₃ O ₃ .1H ₂ O	Batch Molecular Weight:	409.48																								
Appearance:	White solid	Observed mp:	169.0 - 170.8 °C																								
TLC (R_f):	0.38	DCM/MeOH (20:1)																									
Chemical Purity:	99.5%																										
Optical Purity (ee):	98.8%																										
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 67.46, H 6.65, N 10.26; Found: C 67.40, H 6.74, N 10.29																										
Storage Conditions:	Store at +4 °C																										
Solubility Data:	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr><tr><td>0.1N NaOH (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>40.0</td><td>97.7</td><td></td></tr><tr><td>EtOH</td><td></td><td></td><td>Not Tested</td></tr></tbody></table>	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	40.0	97.7		EtOH			Not Tested		
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Remarks:																											
QC Date:	17-07-2020																										

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