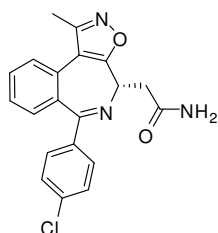




Certificate of Analysis

Axon Catalogue ID: 2594 **Batch Number:** 1
Product Name: CPI 0610
Alternative Name(s): N.A.
IUPAC Name: 2-((4S)-6-(4-Chlorophenyl)-1-methyl-4H-benzo[c]isoxazolo[4,5-e]azepin-4-yl)acetamide

Structure:



Amount:

CAS number(s): 1380087-89-7
Molecular Formula: C₂₀H₁₆ClN₃O₂ **Molecular Weight:** 365.81
Batch Molecular Formula: C₂₀H₁₆ClN₃O₂.1H₂O **Batch Molecular Weight:** 383.83
Appearance: Off-white solid **Observed mp:** 120.4 - 124.9 °C
TLC (R_f): 0.67 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): 100%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.58, H 4.73, N 10.95; Found: C 62.31, H 4.70, N 10.72
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)	0.0	0.0	Insoluble
	DMSO	38.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 13-07-2016

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