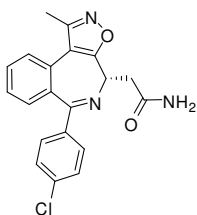




## Certificate of Analysis

**Axon Catalogue ID:** 2594 **Batch Number:** 1  
**Product Name:** CPI 0610  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-((4S,Z)-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:** C<sub>20</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>2</sub> **Molecular Weight:** 365.81  
**Batch Molecular Formula:** C<sub>20</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>2</sub>.1H<sub>2</sub>O **Batch Molecular Weight:** 383.83  
**Appearance:** Off-white solid **Observed mp:** 120.4 - 124.9 °C  
**TLC (R<sub>f</sub>):** 0.67 DCM/MeOH (9:1)  
**Chemical Purity:** 99.8%  
**Optical Purity (ee):** 100%  
**<sup>1</sup>H-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:** 22-7-2021

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**