



## Certificate of Analysis

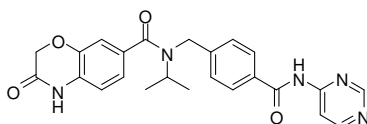
**Axon Catalogue ID:** 3592 **Batch Number:** 1

**Product Name:** UNC7145

**Alternative Name(s):** N.A.

**IUPAC Name:** N-Isopropyl-3-oxo-N-(4-(pyrimidin-4-ylcarbamoyl)benzyl)-3,4-dihydro-2H-benzo[b][1,4]oxazine-7-carboxamide

**Structure:**



**Amount:**

**CAS number(s):** 2561494-78-6

**Molecular Formula:** C<sub>24</sub>H<sub>23</sub>N<sub>5</sub>O<sub>4</sub>

**Molecular Weight:** 445.47

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**Batch Molecular Weight:** 445.47

**Appearance:** Off-white solid

**Observed mp:** >275 °C

**TLC (R<sub>f</sub>):** 0.4 DCM/MeOH (9:1)

**Chemical Purity:** 98.4%

**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure

**Mass Spec:** Analytical data confirm chemical structure

**Microanalysis:** Calculated: C 64.71, H 5.20, N 15.72; Found: C 64.34, H 5.24, N 15.73

**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	6.8	15.3	
	EtOH	0.0	0.0	Insoluble

**Remarks:**

**QC Date:** 11-4-2022

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

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