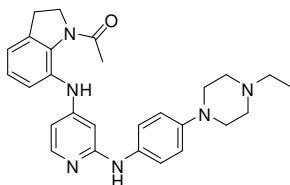




## Certificate of Analysis

**Axon Catalogue ID:** 4019 **Batch Number:** 1  
**Product Name:** UCL-TRO-1938  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 1-(7-(2-(4-(4-Ethylpiperazin-1-yl)phenylamino)pyridin-4-ylamino)indolin-1-yl)ethanone

**Structure:**



**Amount:**

**CAS number(s):** 2919575-27-0  
**Molecular Formula:** C<sub>27</sub>H<sub>32</sub>N<sub>6</sub>O **Molecular Weight:** 456.58  
**Batch Molecular Formula:** C<sub>27</sub>H<sub>32</sub>N<sub>6</sub>O.H<sub>2</sub>O **Batch Molecular Weight:** 474.60  
**Appearance:** Pale-yellow solid **Observed mp:** 182.1 - 189.9 °C  
**TLC (R<sub>f</sub>):** 0.7 DCM/MeOH/NH<sub>3</sub> (4:1:0.1)  
**Chemical Purity:** 98.8%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 68.33, H 7.22, N 17.71; Found: C 68.61, H 6.90, N 17.64  
**Storage Conditions:** Store at -20 °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)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	21.0	44.2	
	EtOH	0.0	0.0	Insoluble

**Remarks:**

**QC Date:** 18-12-2023

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**