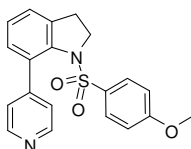




## Certificate of Analysis

**Axon Catalogue ID:** 2658 **Batch Number:** 1  
**Product Name:** MPT0B098  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 1-(4-Methoxyphenylsulfonyl)-7-(pyridin-4-yl)indoline

**Structure:**



**Amount:**

**CAS number(s):** 1254363-89-7  
**Molecular Formula:** C<sub>20</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>S **Molecular Weight:** 366.43  
**Batch Molecular Formula:** C<sub>20</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>S **Batch Molecular Weight:** 366.43  
**Appearance:** White solid **Observed mp:** 196 - 197 °C  
**TLC (R<sub>f</sub>):** 0.67 DCM/MeOH (20:1)  
**Chemical Purity:** 99.9%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 65.56, H 4.95, N 7.64; Found: C 65.57, H 4.79, N 7.61  
**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)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	26.7	72.8	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 8-3-2022

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**