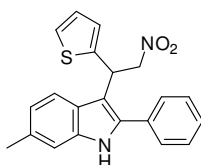




## Certificate of Analysis

**Axon Catalogue ID:** 2543 **Batch Number:** 2  
**Product Name:** ZCZ 011  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 6-Methyl-3-(2-nitro-1-(thiophen-2-yl)ethyl)-2-phenyl-1H-indole

**Structure:**



**Amount:**

**CAS number(s):** 1998197-39-9  
**Molecular Formula:** C<sub>21</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>S **Molecular Weight:** 362.44  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>S **Batch Molecular Weight:** 362.44  
**Appearance:** Light-yellow solid **Observed mp:** 150 °C  
**TLC (R<sub>f</sub>):** 0.26 PE/EtOAc (9:1)  
**Chemical Purity:** 99.7%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 69.59, H 5.01, N 7.73; Found: C 69.20, H 5.01, N 7.34  
**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)	0.0	0.0	Insoluble
	DMSO	36.2	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 05-07-2018

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**