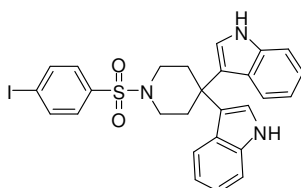


## Certificate of Analysis

**Axon Catalogue ID:** 3082 **Batch Number:** 1  
**Product Name:** SIC5-6  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 3,3'-(1-(4-Iodophenylsulfonyl)piperidine-4,4-diyl)bis(1H-indole)

**Structure:**



**Amount:**

**CAS number(s):** 2410846-16-9  
**Molecular Formula:** C<sub>27</sub>H<sub>24</sub>N<sub>3</sub>O<sub>2</sub>S **Molecular Weight:** 581.47  
**Batch Molecular Formula:** C<sub>27</sub>H<sub>24</sub>N<sub>3</sub>O<sub>2</sub>S **Batch Molecular Weight:** 581.47  
**Appearance:** White solid **Observed mp:** 216.5 - 217.5 °C  
**TLC (R<sub>f</sub>):** 0.35 Hex/EtOAc (2:1)  
**Chemical Purity:** 99.5%  
**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 55.77, H 4.16, N 7.23; Found: C 55.80, H 4.15, N 7.22  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	58.1	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 15-07-2020

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**