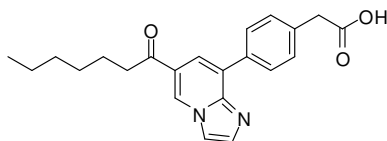




## Certificate of Analysis

**Axon Catalogue ID:** 2835 **Batch Number:** 1  
**Product Name:** SPT Imidazopyridine 1  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-(4-(6-Heptanoylimidazo[1,2-a]pyridin-8-yl)phenyl)acetic acid

**Structure:**



**Amount:**

**CAS number(s):** 1933533-18-6  
**Molecular Formula:** C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub> **Molecular Weight:** 364.44  
**Batch Molecular Formula:** C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub>·0.1H<sub>2</sub>O **Batch Molecular Weight:** 366.24  
**Appearance:** Off-white solid **Observed mp:** 168 - 170 °C  
**TLC (R<sub>f</sub>):** 0.58 DCM/MeOH (9:1)  
**Chemical Purity:** 98.9%  
**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 72.15, H 6.66, N 7.65; Found: C 72.04, H 6.23, N 7.53  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility</b>		<b>Remarks</b>
		<b>(mg/ml)</b>	<b>(mM)</b>	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	7.6	20.8	
	0.1N HCl (aq)			Not Tested
	DMSO	36.6	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 12-09-2019

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**