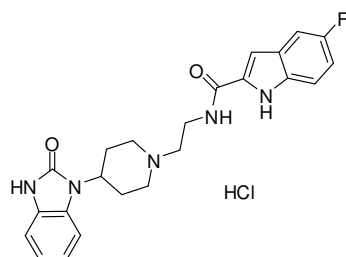




## Certificate of Analysis

**Axon Catalogue ID:** 2281 **Batch Number:** 1  
**Product Name:** FIPI hydrochloride  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 5-fluoro-N-(2-(4-(2-oxo-2,3-dihydro-1H-benzo[d]imidazol-1-yl)piperidin-1-yl)ethyl)-1H-indole-2-carboxamide hydrochloride

**Structure:**



**Amount:**

**CAS number(s):** 939055-18-2 (parent), 1781834-93-2 (HCl (1:1))  
**Molecular Formula:** C<sub>23</sub>H<sub>24</sub>FN<sub>5</sub>O<sub>2</sub>.HCl **Molecular Weight:** 457.93  
**Batch Molecular Formula:** C<sub>23</sub>H<sub>24</sub>FN<sub>5</sub>O<sub>2</sub>.HCl.2H<sub>2</sub>O **Batch Molecular Weight:** 493.96  
**Appearance:** White solid **Observed mp:** 207 - 209 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 99.8%  
**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 55.96, H 5.92, N 14.18; Found: C 56.06, H 5.79, N 13.88  
**Storage Conditions:** Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	49.4	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 05-03-2020

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**