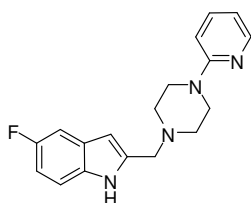




## Certificate of Analysis

**Axon Catalogue ID:** 1521 **Batch Number:** 1  
**Product Name:** CP 226269  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 5-Fluoro-2-(4-pyridin-2-yl-piperazin-1-ylmethyl)-1H-indole

**Structure:**



**Amount:**

**CAS number(s):** 220941-93-5  
**Molecular Formula:** C<sub>18</sub>H<sub>19</sub>FN<sub>4</sub> **Molecular Weight:** 310.37  
**Batch Molecular Formula:** C<sub>18</sub>H<sub>19</sub>FN<sub>4</sub> **Batch Molecular Weight:** 310.37  
**Appearance:** Light-brown solid **Observed mp:** >150 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.6 DCM/MeOH (9:1)  
**Chemical Purity:** 99.4%  
**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 69.66, H 6.17, N 18.05; Found: C ND, H ND, N ND  
**Storage Conditions:** Desiccate at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	31.0	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 16-09-2020

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**