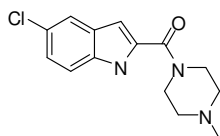




## Certificate of Analysis

**Axon Catalogue ID:** 1306 **Batch Number:** 1  
**Product Name:** JNJ 7777120  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (5-Chloro-1H-indol-2-yl)-(4-methyl-piperazin-1-yl)-methanone

**Structure:**



**Amount:**

**CAS number(s):** 459168-41-3  
**Molecular Formula:** C<sub>14</sub>H<sub>16</sub>ClN<sub>3</sub>O **Molecular Weight:** 277.75  
**Batch Molecular Formula:** C<sub>14</sub>H<sub>16</sub>ClN<sub>3</sub>O **Batch Molecular Weight:** 277.75  
**Appearance:** Off-white solid **Observed mp:** 189 - 191 °C  
**TLC (R<sub>f</sub>):** 0.7 DCM/MeOH (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 60.54, H 5.81, N 15.13; Found: C ND, H ND, N ND  
**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			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	27.8	>100 mM	
	EtOH	10.0	36.0	

**Remarks:**

**QC Date:** 17-01-2018

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**