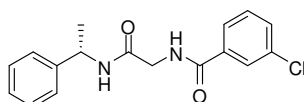




## Certificate of Analysis

**Axon Catalogue ID:** 2569 **Batch Number:** 1  
**Product Name:** JNJ 63533054  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (S)-3-Chloro-N-(2-oxo-2-(1-phenylethylamino)ethyl)benzamide

**Structure:**



**Amount:**

**CAS number(s):** 1802326-66-4  
**Molecular Formula:** C<sub>17</sub>H<sub>17</sub>ClN<sub>2</sub>O<sub>2</sub> **Molecular Weight:** 316.78  
**Batch Molecular Formula:** C<sub>17</sub>H<sub>17</sub>ClN<sub>2</sub>O<sub>2</sub>·0.1H<sub>2</sub>O **Batch Molecular Weight:** 318.58  
**Appearance:** White solid **Observed mp:** 163.8 - 164.3 °C  
**TLC (R<sub>f</sub>):** 0.65 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 64.09, H 5.44, N 8.79; Found: C 63.86, H 5.35, N 8.71  
**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	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	31.9	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 27-05-2021

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**