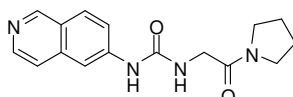




## Certificate of Analysis

**Axon Catalogue ID:** 2945 **Batch Number:** 1  
**Product Name:** SGC707  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 1-(Isoquinolin-6-yl)-3-(2-oxo-2-(pyrrolidin-1-yl)ethyl)urea

**Structure:**



**Amount:**

**CAS number(s):** 1687736-54-4  
**Molecular Formula:** C<sub>16</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub> **Molecular Weight:** 298.34  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub>·0.25H<sub>2</sub>O **Batch Molecular Weight:** 302.84  
**Appearance:** Beige solid **Observed mp:** 210.4 - 213.7 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 99.3%  
**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 63.46, H 6.16, N 18.50; Found: C 63.21, H 6.01, N 18.51  
**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	30.3	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 13-06-2019

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**