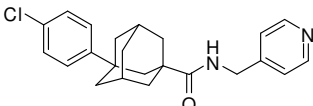




## Certificate of Analysis

**Axon Catalogue ID:** 2880 **Batch Number:** 1  
**Product Name:** ABC294640  
**Alternative Name(s):** Opaganib  
**IUPAC Name:** 3-(4-Chlorophenyl)-N-(pyridin-4-ylmethyl)adamantane-1-carboxamide

**Structure:**  **Amount:**

**CAS number(s):** 915385-81-8  
**Molecular Formula:** C<sub>23</sub>H<sub>25</sub>ClN<sub>2</sub>O **Molecular Weight:** 380.91  
**Batch Molecular Formula:** C<sub>23</sub>H<sub>25</sub>ClN<sub>2</sub>O **Batch Molecular Weight:** 380.91  
**Appearance:** White solid **Observed mp:** 140 °C  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH (20:1)  
**Chemical Purity:** 98.7%  
**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 72.52, H 6.62, N 7.35; Found: C 72.37, H 6.47, N 7.34  
**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)	16.7	43.7	0
	DMSO	30.7	80.5	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 28-10-2019

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**