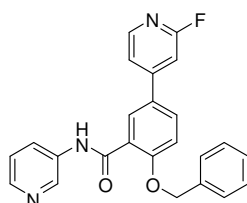




## Certificate of Analysis

**Axon Catalogue ID:** 2181 **Batch Number:** 1  
**Product Name:** GSK 2578215A  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 2-(Benzyloxy)-5-(2-fluoropyridin-4-yl)-N-(pyridin-3-yl)benzamide

**Structure:**



**Amount:**

**CAS number(s):** 1285515-21-0  
**Molecular Formula:** C<sub>24</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>2</sub> **Molecular Weight:** 399.42  
**Batch Molecular Formula:** C<sub>24</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>2</sub> **Batch Molecular Weight:** 399.42  
**Appearance:** White solid **Observed mp:** 176 °C  
**TLC (R<sub>f</sub>):** 0.45 DCM/MeOH (15:1)  
**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 72.17, H 4.54, N 10.52; Found: C 71.83, H 4.35, N 10.44  
**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	39.9	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 16-01-2019

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**