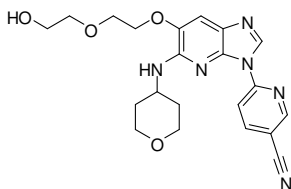




## Certificate of Analysis

**Axon Catalogue ID:** 3917 **Batch Number:** 1  
**Product Name:** GLPG2534  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 6-(6-(2-(2-Hydroxyethoxy)ethoxy)-5-(tetrahydro-2H-pyran-4-ylamino)-3H-imidazo[4,5-b]pyridin-3-yl)nicotinonitrile

**Structure:**



**Amount:**

**CAS number(s):** 2095615-97-5  
**Molecular Formula:** C<sub>21</sub>H<sub>24</sub>N<sub>6</sub>O<sub>4</sub> **Molecular Weight:** 424.45  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>24</sub>N<sub>6</sub>O<sub>4</sub>.1.25H<sub>2</sub>O **Batch Molecular Weight:** 446.97  
**Appearance:** Light-yellow solid **Observed mp:** 200 - 202 °C  
**TLC (R<sub>f</sub>):** 0.3 DCM/MeOH (20:1)  
**Chemical Purity:** 98.9%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 56.43, H 5.98, N 18.80; Found: C 56.15, H 5.68, N 18.93  
**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)	0.0	0.0	Insoluble
	DMSO	12.0	26.8	
	EtOH	0.0	0.0	Insoluble

**Remarks:**

**QC Date:** 28-7-2023

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**