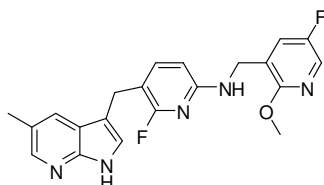




## Certificate of Analysis

**Axon Catalogue ID:** 3054 **Batch Number:** 1  
**Product Name:** PLX5622  
**Alternative Name(s):** N.A.  
**IUPAC Name:** 6-Fluoro-N-((5-fluoro-2-methoxypyridin-3-yl)methyl)-5-((5-methyl-1H-pyrrolo[2,3-b]pyridin-3-yl)methyl)pyridin-2-amine

**Structure:**



**Amount:**

**CAS number(s):** 1303420-67-8  
**Molecular Formula:** C<sub>21</sub>H<sub>19</sub>F<sub>2</sub>N<sub>5</sub>O **Molecular Weight:** 395.41  
**Batch Molecular Formula:** C<sub>21</sub>H<sub>19</sub>F<sub>2</sub>N<sub>5</sub>O **Batch Molecular Weight:** 395.41  
**Appearance:** Pale-yellow solid **Observed mp:** 188.4 - 189.2 °C  
**TLC (R<sub>f</sub>):** 0.8 DCM/MeOH (9:1)  
**Chemical Purity:** 98.8%  
**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 63.79, H 4.84, N 17.71; Found: C 63.57, H 4.70, N 17.81  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility</b>		<b>Remarks</b>
		<b>(mg/ml)</b>	<b>(mM)</b>	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	24.0	60.7	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 15-01-2020

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**