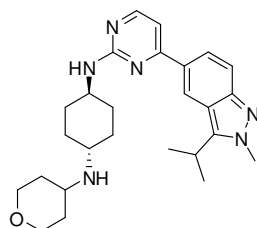




## Certificate of Analysis

**Axon Catalogue ID:** 3283 **Batch Number:** 1  
**Product Name:** LY2857785  
**Alternative Name(s):** N.A.  
**IUPAC Name:** trans-N1-(4-(3-Isopropyl-2-methyl-2H-indazol-5-yl)pyrimidin-2-yl)-N4-(tetrahydro-2H-pyran-4-yl)cyclohexane-1,4-diamine

**Structure:**



**Amount:**

**CAS number(s):** 1619903-54-6  
**Molecular Formula:** C<sub>26</sub>H<sub>36</sub>N<sub>6</sub>O **Molecular Weight:** 448.60  
**Batch Molecular Formula:** C<sub>26</sub>H<sub>36</sub>N<sub>6</sub>O.0.5H<sub>2</sub>O **Batch Molecular Weight:** 457.61  
**Appearance:** Beige solid **Observed mp:** 199.0 - 201.9 °C  
**TLC (R<sub>f</sub>):** 0.2 DCM/MeOH/NH<sub>3</sub> (9:1:0.1)  
**Chemical Purity:** 98.3%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 68.24, H 8.15, N 18.36; Found: C 68.04, H 8.22, N 18.63  
**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)	20.0	43.7	
	DMSO	5.2	11.4	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 20-10-2020

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**