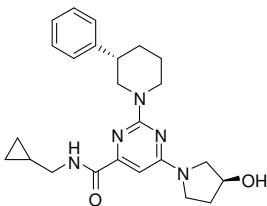


## Certificate of Analysis

<b>Axon Catalogue ID:</b>	3202	<b>Batch Number:</b>	1
<b>Product Name:</b>	LEI-401		
<b>Alternative Name(s):</b>	N.A.		
<b>IUPAC Name:</b>	N-(Cyclopropylmethyl)-6-((S)-3-hydroxypyrrolidin-1-yl)-2-((S)-3-phenylpiperidin-1-yl)pyrimidine-4-carboxamide		
<b>Structure:</b>			<b>Amount:</b>
<b>CAS number(s):</b>	2393840-15-6		
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>31</sub> N <sub>5</sub> O <sub>2</sub>	<b>Molecular Weight:</b>	421.54
<b>Batch Molecular Formula:</b>	C <sub>24</sub> H <sub>31</sub> N <sub>5</sub> O <sub>2</sub> .0.25H <sub>2</sub> O	<b>Batch Molecular Weight:</b>	426.04
<b>Appearance:</b>	White solid	<b>Observed mp:</b>	155.5 - 156.5 °C
<b>TLC (R<sub>f</sub>):</b>	0.7	DCM/MeOH (9:1)	
<b>Chemical Purity:</b>	99.4%		
<b>Optical Purity (ee):</b>	99.9%		
<b>Optical Rotation (Det.):</b>	[α] <sub>D</sub> = -48.7° with c = 0.5 in MeOH		
<b><sup>1</sup>H-NMR:</b>	Analytical data confirm chemical structure		
<b>Mass Spec:</b>	Analytical data confirm chemical structure		
<b>Microanalysis:</b>	Calculated: C 67.66, H 7.45, N 16.44; Found: C 67.57, H 7.41, N 16.51		
<b>Storage Conditions:</b>	Store at +4 °C		
<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>
	Water	0.0	0.0
	0.1N NaOH (aq)		
	0.1N HCl (aq)	0.0	0.0
	DMSO	42.6	>100 mM
	EtOH		
			Not Tested
<b>Remarks:</b>			
<b>QC Date:</b>	19-11-2020		

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