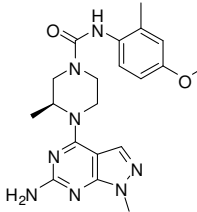




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	3005	<b>Batch Number:</b>	1
<b>Product Name:</b>	UCB9608		
<b>Alternative Name(s):</b>	N.A.		
<b>IUPAC Name:</b>	(S)-4-(6-Amino-1-methyl-1H-pyrazolo[3,4-d]pyrimidin-4-yl)-N-(4-methoxy-2-methylphenyl)-3-methylpiperazine-1-carboxamide		
<b>Structure:</b>			<b>Amount:</b>
<b>CAS number(s):</b>	1616413-96-7		
<b>Molecular Formula:</b>	C <sub>20</sub> H <sub>26</sub> N <sub>8</sub> O <sub>2</sub>	<b>Molecular Weight:</b>	410.47
<b>Batch Molecular Formula:</b>	C <sub>20</sub> H <sub>26</sub> N <sub>8</sub> O <sub>2</sub> .0.25H <sub>2</sub> O	<b>Batch Molecular Weight:</b>	414.98
<b>Appearance:</b>	White solid	<b>Observed mp:</b>	237.4 - 239.7 °C
<b>TLC (R<sub>f</sub>):</b>	0.4	DCM/MeOH (9:1)	
<b>Chemical Purity:</b>	99.6%		
<b>Optical Purity (ee):</b>	99.4%		
<b>Optical Rotation (Det.):</b>	[α] <sub>D</sub> = +109.7° with c = 1 in MeOH		
<b><sup>1</sup>H-NMR (300 MHz):</b>	Analytical data confirm chemical structure		
<b>Mass Spec:</b>	Analytical data confirm chemical structure		
<b>Microanalysis:</b>	Calculated: C 57.89, H 6.44, N 27.00; Found: C 57.94, H 6.25, N 27.34		
<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)	7.0	16.9
	DMSO	24.0	57.8
	EtOH		
			Not Tested
<b>Remarks:</b>			
<b>QC Date:</b>	10-9-2020		

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**