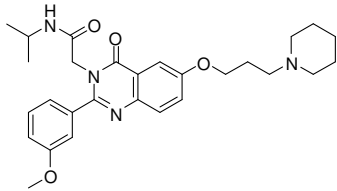




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	1867	<b>Batch Number:</b>	1																								
<b>Product Name:</b>	Vasopressin antagonist 1867																										
<b>Alternative Name(s):</b>	Compound 12i																										
<b>IUPAC Name:</b>	N-Isopropyl-2-(2-(3-methoxyphenyl)-4-oxo-6-(3-(piperidin-1-yl)propoxy)quinazolin-3(4H)-yl)acetamide																										
<b>Structure:</b>		<b>Amount:</b>																									
<b>CAS number(s):</b>	909391-88-4																										
<b>Molecular Formula:</b>	C28H36N4O4	<b>Molecular Weight:</b>	492.61																								
<b>Batch Molecular Formula:</b>	C28H36N4O4.0.5H2O	<b>Batch Molecular Weight:</b>	501.62																								
<b>Appearance:</b>	White solid	<b>Observed mp:</b>	184.1 - 186.2 °C																								
<b>TLC (R<sub>f</sub>):</b>	0.43	DCM/MeOH (9:1)																									
<b>Chemical Purity:</b>	99.0%																										
<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 67.04, H 7.43, N 11.17; Found: C 67.22, H 7.31, N 11.15																										
<b>Storage Conditions:</b>	Store at +4 °C																										
<b>Solubility Data:</b>	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N NaOH (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td>14.0</td><td>27.9</td><td></td></tr><tr><td>DMSO</td><td>8.5</td><td>16.9</td><td></td></tr><tr><td>EtOH</td><td></td><td></td><td>Not Tested</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water			Not Tested	0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)	14.0	27.9		DMSO	8.5	16.9		EtOH			Not Tested		
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<b>QC Date:</b>	8-9-2021																										

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**