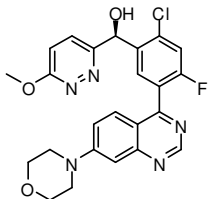




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	3577	<b>Batch Number:</b>	1A	
<b>Product Name:</b>	M-3814			
<b>Alternative Name(s):</b>	Nedisertib; MSC2490484A; Pepsertib			
<b>IUPAC Name:</b>	(S)-(2-Chloro-4-fluoro-5-(7-morpholinoquinazolin-4-yl)phenyl)(6-methoxypyridazin-3-yl)methanol			
<b>Structure:</b>			<b>Amount:</b>	
<b>CAS number(s):</b>	1637542-33-6			
<b>Molecular Formula:</b>	C24H21ClFN5O3	<b>Molecular Weight:</b>	481.91	
<b>Batch Molecular Formula:</b>	C24H21ClFN5O3	<b>Batch Molecular Weight:</b>	481.91	
<b>Appearance:</b>	Pale-yellow solid	<b>Observed mp:</b>	207.5 - 208.5 °C	
<b>TLC (R<sub>f</sub>):</b>	0.4	DCM/MeOH (20:1)		
<b>Chemical Purity:</b>	>99%			
<b>Optical Purity (ee):</b>	>99%			
<b>Optical Rotation (Det.):</b>	[α] <sub>D</sub> = -185.8° 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 59.82, H 4.39, N 14.53; Found: C 59.34, H 4.36, N 14.32			
<b>Storage Conditions:</b>	Desiccate at -20 °C			
<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	44.0	91.3	
	EtOH	0.0	0.0	Insoluble
<b>Remarks:</b>				
<b>QC Date:</b>	15-2-2024			

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**