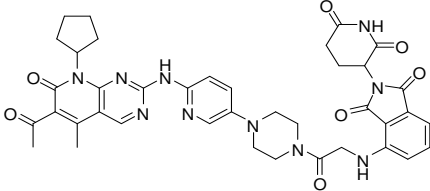




## Certificate of Analysis

<b>Axon Catalogue ID:</b>	3535	<b>Batch Number:</b>	1	
<b>Product Name:</b>	XY028-140			
<b>Alternative Name(s):</b>	MS140			
<b>IUPAC Name:</b>	4-(2-(4-(6-(6-Acetyl-8-cyclopentyl-5-methyl-7-oxo-7,8-dihydropyrido[2,3-d]pyrimidin-2-ylamino)pyridin-3-yl)piperazin-1-yl)-2-oxoethylamino)-2-(2,6-dioxopiperidin-3-yl)isoindoline-			
<b>Structure:</b>			<b>Amount:</b>	
<b>CAS number(s):</b>	2229974-83-6			
<b>Molecular Formula:</b>	C39H40N10O7	<b>Molecular Weight:</b>	760.80	
<b>Batch Molecular Formula:</b>	C39H40N10O7.3.25H2O	<b>Batch Molecular Weight:</b>	819.35	
<b>Appearance:</b>	Yellow solid	<b>Observed mp:</b>	>211 °C (decomp)	
<b>TLC (R<sub>f</sub>):</b>	0.71	DCM/MeOH (9:1)		
<b>Chemical Purity:</b>	98%			
<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 57.17, H 5.72, N 17.09; Found: C 56.83, H 5.29, N 16.98			
<b>Storage Conditions:</b>	Store at +4 °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)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	50.0	61.0	
	EtOH	0.0	0.0	Insoluble
<b>Remarks:</b>				
<b>QC Date:</b>	7-12-2021			

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**