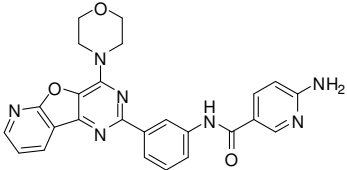




Certificate of Analysis

Axon Catalogue ID:	2607	Batch Number:	1																								
Product Name:	YM201636																										
Alternative Name(s):	N.A.																										
IUPAC Name:	6-Amino-N-[3-(6-morpholin-4-yl-8-oxa-3,5,10-triazatricyclo[7.4.0.0.2,7]trideca-1(9),2(7),3,5,10,12-hexaen-4-yl)phenyl]pyridine-3-carboxamide																										
Structure:		Amount:																									
CAS number(s):	371942-69-7																										
Molecular Formula:	C25H21N7O3	Molecular Weight:	467.48																								
Batch Molecular Formula:	C25H21N7O3.0.8H2O	Batch Molecular Weight:	481.89																								
Appearance:	Off-white solid	Observed mp:	>285 °C																								
TLC (R_f):	0.6	DCM/MeOH (9:1)																									
Chemical Purity:	98.9%																										
¹H-NMR:	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 62.31, H 4.73, N 20.35; Found: C 61.93, H 4.32, N 20.05																										
Storage Conditions:	Store at +4 °C																										
Solubility Data:	<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>0.0</td><td>0.0</td><td>Insoluble</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>3.8</td><td>7.9</td><td></td></tr><tr><td>DMSO</td><td>14.4</td><td>29.9</td><td></td></tr><tr><td>EtOH</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water	0.0	0.0	Insoluble	0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)	3.8	7.9		DMSO	14.4	29.9		EtOH	0.0	0.0	Insoluble		
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Remarks:																											
QC Date:	8-12-2021																										

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only