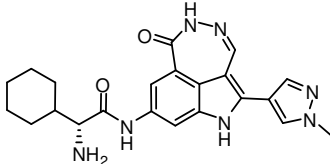




Certificate of Analysis

Axon Catalogue ID:	1379	Batch Number:	5																								
Product Name:	PF 477736																										
Alternative Name(s):	PF 00477736																										
IUPAC Name:	(R,Z)-2-Amino-2-cyclohexyl-N-(5-(1-methyl-1H-pyrazol-4-yl)-1-oxo-2,6-dihydro-1H-[1,2]diazepino[4,5,6-cd]indol-8-yl)acetamide																										
Structure:		Amount:																									
CAS number(s):	952021-60-2																										
Molecular Formula:	C ₂₂ H ₂₅ N ₇ O ₂	Molecular Weight:	419.48																								
Batch Molecular Formula:	C ₂₂ H ₂₅ N ₇ O ₂	Batch Molecular Weight:	419.48																								
Appearance:	Yellow solid	Observed mp:	270 °C (decomp)																								
TLC (R_f):	0.15	DCM/MeOH (9:1)																									
Chemical Purity:	99.7%																										
Optical Purity (ee):	optically pure																										
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 62.99, H 6.01, N 23.36; Found: C 62.92, H 6.03, N 23.43																										
Storage Conditions:	Store at -20 °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></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></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>41.9</td><td>>100 mM</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)			Not Tested	DMSO	41.9	>100 mM		EtOH			Not Tested		
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Remarks:	It is recommended to use freshly prepared solutions for each experiment.																										
QC Date:	22-11-2018																										

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