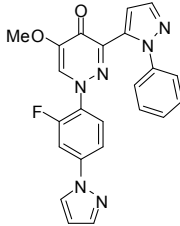




Certificate of Analysis

Axon Catalogue ID:	2399	Batch Number:	1																								
Product Name:	TAK 063																										
Alternative Name(s):	N.A.																										
IUPAC Name:	1-(2-fluoro-4-(1H-pyrazol-1-yl)phenyl)-5-methoxy-3-(1-phenyl-1H-pyrazol-5-yl)pyridazin-4(1H)-one																										
Structure:		Amount:																									
CAS number(s):	1238697-26-1																										
Molecular Formula:	C23H17FN6O2	Molecular Weight:	428.42																								
Batch Molecular Formula:	C23H17FN6O2	Batch Molecular Weight:	428.42																								
Appearance:	Yellow solid	Observed mp:	215 - 217 °C																								
TLC (R_f):	0.6	DCM/MeOH (9:1)																									
Chemical Purity:	99.0%																										
Optical Purity (ee):	N.A.																										
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 64.48, H 4.00, N 19.61; Found: C 64.11, H 3.84, N 19.66																										
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></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>21.3</td><td>49.8</td><td>Ultrasoned</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	0.0	0.0	Insoluble	0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)			Not Tested	DMSO	21.3	49.8	Ultrasoned	EtOH			Not Tested		
Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks																								
Water	0.0	0.0	Insoluble																								
0.1N NaOH (aq)			Not Tested																								
0.1N HCl (aq)			Not Tested																								
DMSO	21.3	49.8	Ultrasoned																								
EtOH			Not Tested																								
Remarks:																											
QC Date:	15-12-2015																										

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