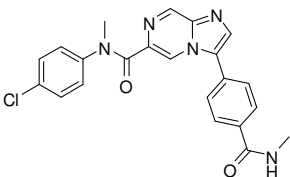




Certificate of Analysis

Axon Catalogue ID:	2845	Batch Number:	2
Product Name:	KDU691		
Alternative Name(s):	N.A.		
IUPAC Name:	N-(4-Chlorophenyl)-N-methyl-3-(4-(methylcarbamoyl)phenyl)imidazo[1,2-a]pyrazine-6-carboxamide		
Structure:		Amount:	
CAS number(s):	1513879-19-0		
Molecular Formula:	C ₂₂ H ₁₈ ClN ₅ O ₂	Molecular Weight:	419.86
Batch Molecular Formula:	C ₂₂ H ₁₈ ClN ₅ O ₂ .1H ₂ O	Batch Molecular Weight:	437.88
Appearance:	Off-white solid	Observed mp:	128.5 - 130.9 °C
TLC (R_f):	0.5	DCM/MeOH (9:1)	
Chemical Purity:	99.4%		
Optical Purity (ee):	N.A.		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 60.34, H 4.60, N 15.99; Found: C 60.58, H 4.46, N 16.00		
Storage Conditions:	Store at	+4 °C	
Solubility Data:	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	43.8	>100 mM
	EtOH	43.8	>100 mM
Remarks:			
QC Date:	17-9-2021		

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