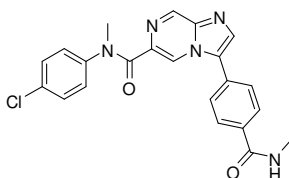




Certificate of Analysis

Axon Catalogue ID: 2845 **Batch Number:** 1
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: C₂₂H₁₈ClN₅O₂ **Molecular Weight:** 419.86
Batch Molecular Formula: C₂₂H₁₈ClN₅O₂·1H₂O **Batch Molecular Weight:** 437.88
Appearance: Light-brown solid **Observed mp:** 127.1 °C
TLC (R_f): 0.45 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 60.34, H 4.60, N 15.99; Found: C 60.44, H 4.59, N 16.10
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)	0.0	0.0	Insoluble
	DMSO	43.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 9-3-2018

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