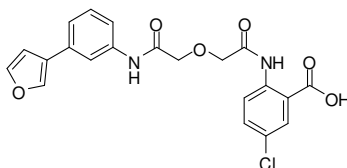




Certificate of Analysis

Axon Catalogue ID: 2734 **Batch Number:** 1
Product Name: TM 5441
Alternative Name(s): N.A.
IUPAC Name: 5-Chloro-2-(2-(2-(3-(furan-3-yl)phenylamino)-2-oxoethoxy)acetamido)benzoic acid

Structure:



Amount:

CAS number(s): 1190221-43-2
Molecular Formula: C₂₁H₁₇ClN₂O₆ **Molecular Weight:** 428.82
Batch Molecular Formula: C₂₁H₁₇ClN₂O₆ **Batch Molecular Weight:** 428.82
Appearance: Beige solid **Observed mp:** 207 - 209 °C
TLC (R_f): 0.7 DCM/MeOH/AcOH (9:1:0.1)
Chemical Purity: 99.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.82, H 4.00, N 6.53; Found: C 58.83, H 3.89, N 6.45
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)	25.3	59.0	
	0.1N HCl (aq)			Not Tested
	DMSO	42.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 14-10-2022

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