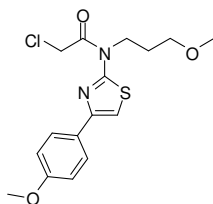




Certificate of Analysis

Axon Catalogue ID: 3726 **Batch Number:** 1
Product Name: JT010
Alternative Name(s): N.A.
IUPAC Name: 2-Chloro-N-(4-(4-methoxyphenyl)thiazol-2-yl)-N-(3-methoxypropyl)acetamide

Structure:



Amount:

CAS number(s): 917562-33-5
Molecular Formula: C₁₆H₁₉ClN₂O₃S **Molecular Weight:** 354.85
Batch Molecular Formula: C₁₆H₁₉ClN₂O₃S **Batch Molecular Weight:** 354.85
Appearance: White solid **Observed mp:** 67.5 - 69.5 °C
TLC (R_f): 0.3 Hex/EtOAc (4:1)
Chemical Purity: 98.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.16, H 5.40, N 7.89; Found: C 54.01, H 5.16, N 7.74
Storage Conditions: Store at -20 °C

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	35.5	>100 mM	
EtOH	8.0	22.5	

Remarks:

QC Date: 17-10-2022

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