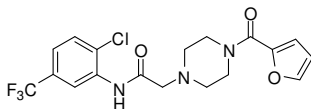




Certificate of Analysis

Axon Catalogue ID: 2646 **Batch Number:** 1
Product Name: ML348
Alternative Name(s): N.A.
IUPAC Name: N-(2-Chloro-5-(trifluoromethyl)phenyl)-2-(4-(furan-2-carbonyl)piperazin-1-yl)acetamide

Structure:



Amount:

CAS number(s): 899713-86-1
Molecular Formula: C₁₈H₁₇ClF₃N₃O₃ **Molecular Weight:** 415.79
Batch Molecular Formula: C₁₈H₁₇ClF₃N₃O₃ **Batch Molecular Weight:** 415.79
Appearance: White solid **Observed mp:** 158.9 - 159.8 °C
TLC (R_f): 0.59 DCM/MeOH (20:1)
Chemical Purity: 99.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.00, H 4.12, N 10.10; Found: C 52.06, H 3.88, N 10.07
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	1.4	3.4	Insoluble
	DMSO	20.4	49.1	
	EtOH			Not Tested

Remarks:

QC Date: 7-1-2022

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