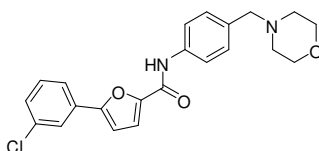




Certificate of Analysis

Axon Catalogue ID: 1976 **Batch Number:** 1
Product Name: CID 2011756
Alternative Name(s): N.A.
IUPAC Name: 5-(3-Chlorophenyl)-N-(4-(morpholinomethyl)phenyl)furan-2-carboxamide

Structure:



Amount:

CAS number(s): 638156-11-3
Molecular Formula: C₂₂H₂₁ClN₂O₃ **Molecular Weight:** 396.87
Batch Molecular Formula: C₂₂H₂₁ClN₂O₃ **Batch Molecular Weight:** 396.87
Appearance: White solid **Observed mp:** 193 - 195 °C
TLC (R_f): 0.35 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 66.58, H 5.33, N 7.06; Found: C 66.44, H 5.25, N 7.01
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	30.0	75.6	
	EtOH			Not Tested

Remarks:

QC Date: 19-8-2021

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