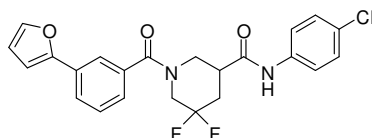




Certificate of Analysis

Axon Catalogue ID: 3069 **Batch Number:** 1
Product Name: CCG-222740
Alternative Name(s): N.A.
IUPAC Name: N-(4-Chlorophenyl)-5,5-difluoro-1-(3-(furan-2-yl)benzoyl)piperidine-3-carboxamide

Structure:



Amount:

CAS number(s): 1922098-69-8
Molecular Formula: C₂₃H₁₉ClF₂N₂O₃ **Molecular Weight:** 444.86
Batch Molecular Formula: C₂₃H₁₉ClF₂N₂O₃.0.25H₂O **Batch Molecular Weight:** 449.36
Appearance: White solid **Observed mp:** 106 - 108 °C
TLC (R_f): 0.8 Hex/EtOAc (1:1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.48, H 4.37, N 6.23; Found: C 61.43, H 4.22, N 6.23
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	44.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 04-03-2020

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