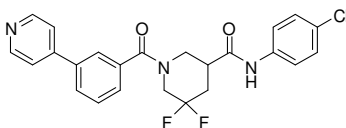




Certificate of Analysis

Axon Catalogue ID: 2753 **Batch Number:** 1
Product Name: CCG 232601
Alternative Name(s): N.A.
IUPAC Name: N-(4-Chlorophenyl)-5,5-difluoro-1-(3-(pyridin-4-yl)benzoyl)piperidine-3-carboxamide

Structure:



Amount:

CAS number(s): 1922099-21-5
Molecular Formula: C₂₄H₂₀ClF₂N₃O₂ **Molecular Weight:** 455.88
Batch Molecular Formula: C₂₄H₂₀ClF₂N₃O₂ **Batch Molecular Weight:** 455.88
Appearance: Off-white solid **Observed mp:** 198 - 200 °C
TLC (R_f): 0.6 EtOAc
Chemical Purity: 99.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.23, H 4.42, N 9.22; Found: C 63.31, H 4.25, N 9.37
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	40.0	87.7	
	EtOH			Not Tested

Remarks:

QC Date: 12-6-2023

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