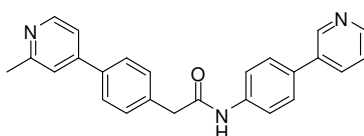




Certificate of Analysis

Axon Catalogue ID: 2287 **Batch Number:** 1
Product Name: Wnt-C59
Alternative Name(s): C59
IUPAC Name: 2-(4-(2-Methylpyridin-4-yl)phenyl)-N-(4-(pyridin-3-yl)phenyl)acetamide

Structure:



Amount:

CAS number(s): 1243243-89-1
Molecular Formula: C₂₅H₂₁N₃O **Molecular Weight:** 379.45
Batch Molecular Formula: C₂₅H₂₁N₃O.0.5H₂O **Batch Molecular Weight:** 388.46
Appearance: White solid **Observed mp:** 186 - 187 °C
TLC (R_f): 0.57 DCM/MeOH (9:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 77.30, H 5.71, N 10.82; Found: C 77.13, H 5.40, N 11.00
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	38.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 19-08-2019

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