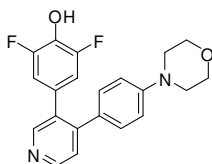




Certificate of Analysis

Axon Catalogue ID: 3991 **Batch Number:** 1
Product Name: LJI308
Alternative Name(s): N.A.
IUPAC Name: 2,6-Difluoro-4-(4-(4-morpholinophenyl)pyridin-3-yl)phenol

Structure:



Amount:

CAS number(s): 1627709-94-7
Molecular Formula: C₂₁H₁₈F₂N₂O₂ **Molecular Weight:** 368.38
Batch Molecular Formula: C₂₁H₁₈F₂N₂O₂ **Batch Molecular Weight:** 368.38
Appearance: White solid **Observed mp:** >250 °C (decomp)
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.8%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.47, H 4.93, N 7.60; Found: C 68.13, H 4.73, N 7.47
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)	0.0	0.0	Insoluble
	DMSO	18.0	48.9	
	EtOH	6.4	17.4	* Warming (40°C)

Remarks: * Warming (40°C) enhanced solubility.

QC Date: 27-9-2023

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