



Certificate of Analysis

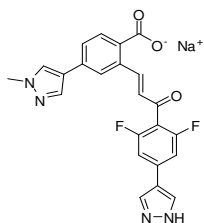
Axon Catalogue ID: 2972 **Batch Number:** 6

Product Name: HOIPIN-8

Alternative Name(s): N.A.

IUPAC Name: Sodium (E)-2-(3-(2,6-difluoro-4-(1H-pyrazol-4-yl)phenyl)-3-oxoprop-1-enyl)-4-(1-methyl-1H-pyrazol-4-yl)benzoate

Structure:



Amount:

CAS number(s): 2519537-69-8 (parent), 2519537-70-1 (sodium salt (1:1))

Molecular Formula: C₂₃H₁₅F₂N₄NaO₃ **Molecular Weight:** 456.38

Batch Molecular Formula: C₂₃H₁₅F₂N₄NaO₃·2.5H₂O **Batch Molecular Weight:** 501.41

Appearance: Light-yellow solid **Observed mp:** 237 °C (decomp)

TLC (R_f): 0.3 DCM/MeOH (9:1)

Chemical Purity: >95%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 55.09, H 4.02, N 11.17; Found: C 54.91, H 3.62, N 10.91

Storage Conditions: Desiccate at -20 °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	46.0	91.7	
	EtOH	0.0	0.0	Insoluble

Remarks: Suspected to be instable in DMSO.

QC Date: 20-4-2023

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