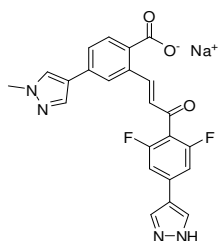


Certificate of Analysis

Axon Catalogue ID: 2972 **Batch Number:** 3
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.NaOH.1H₂O **Batch Molecular Weight:** 514.39
Appearance: Light-yellow solid **Observed mp:** 254.5 °C (decomp)
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: >95%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.70, H 3.53, N 10.89; Found: C 53.46, H 3.30, N 10.27
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	11.3	22.0	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	51.4	>100 mM	
	EtOH			Not Tested

Remarks: Suspected to be instable in DMSO.

QC Date: 24-02-2021

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