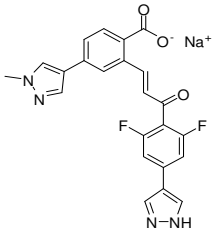




Certificate of Analysis

Axon Catalogue ID:	2972	Batch Number:	5																								
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:	C23H15F2N4NaO3.2H2O	Batch Molecular Weight:	492.41																								
Appearance:	Light-yellow solid	Observed mp:	>235 °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 56.10, H 3.89, N 11.38; Found: C 55.72, H 3.56, N 11.08																										
Storage Conditions:	Desiccate at -20 °C																										
Solubility Data:	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr><tr><td>0.1N NaOH (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>44.0</td><td>89.4</td><td></td></tr><tr><td>EtOH</td><td>0.0</td><td>0.0</td><td>Insoluble</td></tr></tbody></table>	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	44.0	89.4		EtOH	0.0	0.0	Insoluble		
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EtOH	0.0	0.0	Insoluble																								
Remarks:	Suspected to be instable in DMSO.																										
QC Date:	20-7-2022																										

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