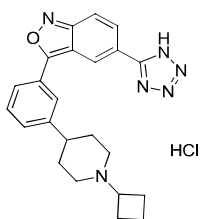




Certificate of Analysis

Axon Catalogue ID: 4418 **Batch Number:** 1
Product Name: UNC9750 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 3-(3-(1-Cyclobutylpiperidin-4-yl)phenyl)-5-(1H-tetrazol-5-yl)-benzo[c]isoxazole hydrochloride

Structure:



Amount:

CAS number(s): 2967648-29-7 (parent)
Molecular Formula: C₂₃H₂₄N₆O·HCl **Molecular Weight:** 436.94
Batch Molecular Formula: C₂₃H₂₄N₆O·HCl·2H₂O **Batch Molecular Weight:** 472.97
Appearance: Yellow solid **Observed mp:** 220 °C (decomp)
TLC (R_f): 0.7 DCM/MeOH (4:1)
Chemical Purity: 98.1%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.41, H 6.18, N 17.77, Cl 7.50; Found: C 58.75, H 6.05, N 17.99, Cl 7.64
Storage Conditions: Desiccate at -20 °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	17.1	36.2	
	EtOH	0.0	0.0	Insoluble

Remarks:

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