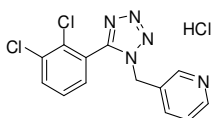




Certificate of Analysis

Axon Catalogue ID: 3835 **Batch Number:** 1
Product Name: A-438079 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 3-((5-(2,3-Dichlorophenyl)-1H-tetrazol-1-yl)methyl)pyridine hydrochloride

Structure:



Amount:

CAS number(s): 899507-36-9 (parent), 899431-18-6 (HCl (1:1))
Molecular Formula: C₁₃H₉Cl₂N₅.HCl **Molecular Weight:** 342.61
Batch Molecular Formula: C₁₃H₉Cl₂N₅.HCl **Batch Molecular Weight:** 342.61
Appearance: White solid **Observed mp:** 160.5 - 162.5 °C
TLC (R_f): 0.5 DCM/MeOH (20:1)
Chemical Purity: 99.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 45.57, H 2.94, N 20.44; Found: C 45.63, H 2.87, N 20.49
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	34.3	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	34.3	>100 mM	
	EtOH	11.5	33.6	

Remarks:

QC Date: 7-3-2023

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