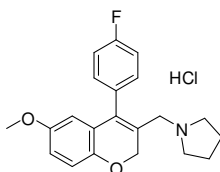




Certificate of Analysis

Axon Catalogue ID: 2692 **Batch Number:** 1
Product Name: AX-024 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 1-((4-(4-Fluorophenyl)-6-methoxy-2H-chromen-3-yl)methyl)pyrrolidine hydrochloride

Structure:



Amount:

CAS number(s): 1370544-73-2 (parent), 1704801-24-0 (HCl (1:1))
Molecular Formula: C₂₁H₂₂FNO₂.HCl **Molecular Weight:** 375.86
Batch Molecular Formula: C₂₁H₂₂FNO₂.HCl.0.5H₂O **Batch Molecular Weight:** 384.87
Appearance: Off-white solid **Observed mp:** >212 °C (decomp)
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.53, H 6.29, N 3.64; Found: C 65.75, H 6.17, N 3.65
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	11.2	29.1	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	9.2	23.9	
	EtOH			Not Tested

Remarks:

QC Date: 25-8-2022

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