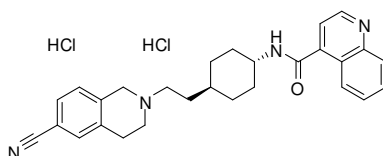




Certificate of Analysis

Axon Catalogue ID: 1920 **Batch Number:** 2
Product Name: SB 277011A
Alternative Name(s): SB 277011 dihydrochloride
IUPAC Name: N-((1r,4r)-4-(2-(6-Cyano-3,4-dihydroisoquinolin-2(1H)-yl)ethyl)cyclohexyl)quinoline-4-carboxamide dihydrochloride

Structure:



Amount:

CAS number(s): 215803-78-4 (parent), 1226917-67-4 (HCl (1:2))
Molecular Formula: C₂₈H₃₀N₄O₂HCl **Molecular Weight:** 511.49
Batch Molecular Formula: C₂₈H₃₀N₄O₂HCl₂.25H₂O **Batch Molecular Weight:** 552.02
Appearance: Off-white solid **Observed mp:** 272 - 274 °C
TLC (R_f): 0.38 DCM/MeOH (9:1)
Chemical Purity: 99.2%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.92, H 6.66, N 10.15; Found: C 60.81, H 6.52, N 10.02
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	10.0	18.1	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	55.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 12-1-2022

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