



Certificate of Analysis

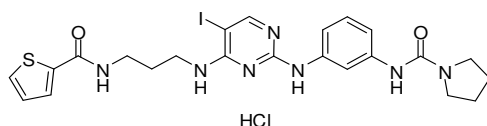
Axon Catalogue ID: 3350 **Batch Number:** 1

Product Name: BX 795 hydrochloride

Alternative Name(s): N.A.

IUPAC Name: N-(3-(5-Iodo-4-(3-(thiophene-2-carboxamido)propylamino)pyrimidin-2-ylamino)phenyl)pyrrolidine-1-carboxamide hydrochloride

Structure:



Amount:

CAS number(s): 702675-74-9 (parent), 1472611-45-2 (HCl (1:1))

Molecular Formula: C₂₃H₂₆IN₇O₂S.HCl

Molecular Weight: 627.93

Batch Molecular Formula: C₂₃H₂₆IN₇O₂S.HCl.2H₂O

Batch Molecular Weight: 663.96

Appearance: White solid

Observed mp: 166 - 168 °C (decomp)

TLC (R_f): 0.5 DCM/MeOH (20:1)

Chemical Purity: 98.2%

Optical Purity (ee): N.A.

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 41.61, H 4.71, N 14.77, Cl 5.34; Found: C 41.75, H 4.44, N 14.84, Cl 4.95

Storage Conditions: Desiccate at -20 °C

Solubility Data:	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	42.0	63.3	
	EtOH			Not Tested

Remarks:

QC Date: 28-01-2021

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