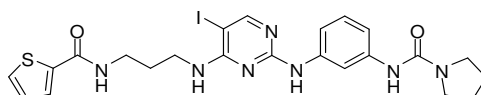




Certificate of Analysis

Axon Catalogue ID: 1390 **Batch Number:** 5
Product Name: BX 795
Alternative Name(s): N.A.
IUPAC Name: N-(3-(5-iodo-4-(3-(thiophene-2-carboxamido)propylamino)pyrimidin-2-ylamino)phenyl)pyrrolidine-1-carboxamide

Structure:



Amount:

CAS number(s): 702675-74-9
Molecular Formula: C₂₃H₂₆N₇O₂S **Molecular Weight:** 591.47
Batch Molecular Formula: C₂₃H₂₆N₇O₂S **Batch Molecular Weight:** 591.47
Appearance: White solid **Observed mp:** 130 - 132 °C
TLC (R_f): 0.35 DCM/MeOH (9:1)
Chemical Purity: 98.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 46.71, H 4.43, N 16.58; Found: C ND, H ND, N ND
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	59.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 01-10-2018

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