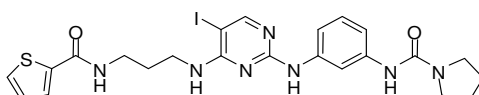




## Certificate of Analysis

**Axon Catalogue ID:** 1390 **Batch Number:** 4  
**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:** C<sub>23</sub>H<sub>26</sub>N<sub>7</sub>O<sub>2</sub>S **Molecular Weight:** 591.47  
**Batch Molecular Formula:** C<sub>23</sub>H<sub>26</sub>N<sub>7</sub>O<sub>2</sub>S **Batch Molecular Weight:** 591.47  
**Appearance:** White solid **Observed mp:** 119 - 120 °C  
**TLC (R<sub>f</sub>):** 0.35 DCM/MeOH (9:1)  
**Chemical Purity:** 98.3%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-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

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	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:** 01-02-2019

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**