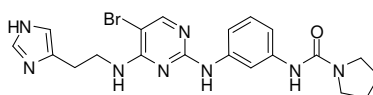




Certificate of Analysis

Axon Catalogue ID: 1130 **Batch Number:** 4
Product Name: BX 912
Alternative Name(s): N.A.
IUPAC Name: Pyrrolidine-1-carboxylic acid (3-(5-bromo-4-[2-(1H-imidazol-4-yl)-ethylamino]-pyrimidin-2-ylamino)-phenyl)-amide

Structure:



Amount:

CAS number(s): 702674-56-4
Molecular Formula: C₂₀H₂₃BrN₈O **Molecular Weight:** 471.35
Batch Molecular Formula: C₂₀H₂₃BrN₈O.0.25H₂O **Batch Molecular Weight:** 475.86
Appearance: White solid **Observed mp:** 134.3 - 136.0 °C
TLC (R_f): 0.7 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: >98%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 50.48, H 4.98, N 23.55; Found: C 50.25, H 4.84, N 23.71
Storage Conditions: Store at +4 °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)	21.0	44.1	
	DMSO	47.6	>100 mM	
	EtOH	47.6	>100 mM	

Remarks:

QC Date: 22-6-2023

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