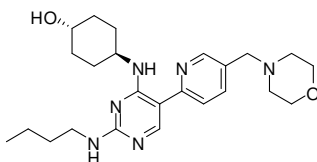




Certificate of Analysis

Axon Catalogue ID: 2346 **Batch Number:** 2
Product Name: UNC2250
Alternative Name(s): N.A.
IUPAC Name: trans-4-(2-(Butylamino)-5-(5-(morpholinomethyl)pyridin-2-yl)pyrimidin-4-ylamino)cyclohexanol

Structure:



Amount:

CAS number(s): 1493694-70-4
Molecular Formula: C₂₄H₃₆N₆O₂ **Molecular Weight:** 440.58
Batch Molecular Formula: C₂₄H₃₆N₆O₂ **Batch Molecular Weight:** 440.58
Appearance: White solid **Observed mp:** 200.3 - 208.2 °C
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: 99.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.43, H 8.24, N 19.07; Found: C 65.36, H 8.31, N 19.02
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	
0.1N NaOH (aq)				Not Tested
0.1N HCl (aq)	13.6	30.9		
DMSO	2.7	6.1		* Warming (40°C) and sonication.
EtOH	0.0	0.0		Insoluble

Remarks: * Warming (40°C) and sonication enhanced solubility.

QC Date: 20-3-2023

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