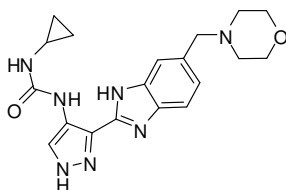




Certificate of Analysis

Axon Catalogue ID: 2219 **Batch Number:** 1
Product Name: AT 9283
Alternative Name(s): N.A.
IUPAC Name: 1-Cyclopropyl-3-(3-(6-(morpholinomethyl)-1H-benzo[d]imidazol-2-yl)-1H-pyrazol-4-yl)urea

Structure:



Amount:

CAS number(s): 896466-04-9
Molecular Formula: C₁₉H₂₃N₇O₂ **Molecular Weight:** 381.43
Batch Molecular Formula: C₁₉H₂₃N₇O₂·0.25H₂O **Batch Molecular Weight:** 385.94
Appearance: White solid **Observed mp:** 228 - 230 °C
TLC (R_f): 0.24 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.13, H 6.14, N 25.41; Found: C 59.31, H 5.94, N 25.12
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	9.0	23.3	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	10.0	25.9	
	EtOH			Not Tested

Remarks:

QC Date: 13-05-2020

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