



Certificate of Analysis

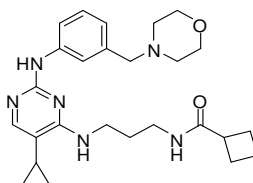
Axon Catalogue ID: 3046 **Batch Number:** 1

Product Name: MRT 67307

Alternative Name(s): N.A.

IUPAC Name: N-(3-(5-Cyclopropyl-2-(3-(morpholinomethyl)phenylamino)pyrimidin-4-ylamino)propyl)cyclobutanecarboxamide

Structure:



Amount:

CAS number(s): 1190378-57-4

Molecular Formula: C₂₆H₃₆N₆O₂

Molecular Weight: 464.60

Batch Molecular Formula: C₂₆H₃₆N₆O₂·0.5H₂O

Batch Molecular Weight: 473.61

Appearance: Yellow solid

Observed mp: 60 - 65 °C

TLC (R_f): 0.58 DCM/MeOH (9:1)

Chemical Purity: 98.3%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 65.94, H 7.87, N 17.74; Found: C 65.56, H 7.89, N 17.65

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)	19.0	40.1	
	DMSO	47.4	>100 mM	
	EtOH			Not Tested

Remarks:

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