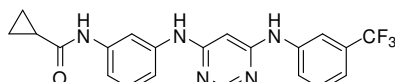




Certificate of Analysis

Axon Catalogue ID: 1760 **Batch Number:** 1
Product Name: EGFR Inhibitor [879127-07-8]
Alternative Name(s): EGFR Inhibitor 324674
IUPAC Name: N-(3-(6-(3-(Trifluoromethyl)phenylamino)pyrimidin-4-ylamino)phenyl)cyclopropanecarboxamide

Structure:



Amount:

CAS number(s): 879127-07-8
Molecular Formula: C₂₁H₁₈F₃N₅O **Molecular Weight:** 413.40
Batch Molecular Formula: C₂₁H₁₈F₃N₅O **Batch Molecular Weight:** 413.40
Appearance: White solid **Observed mp:** 231 - 233 °C
TLC (R_f): 0.75 DCM/MeOH (9:1)
Chemical Purity: 98.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 61.01, H 4.39, N 16.94; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	41.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 02-04-2019

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only