



Certificate of Analysis

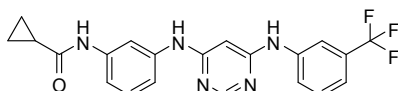
Axon Catalogue ID: 1760 **Batch Number:** 1

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: 879127-07-8

Batch Molecular Formula: C₂₁H₁₈F₃N₅O

Batch MW: 413.40

Appearance: White solid

Observed mp: 231 - 233 °C

TLC (R_f): 0.75 DCM/MeOH (9:1)

Chemical Purity: 99.4%

Optical Purity (ee):

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: Desiccate 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	Soluble as a light brown solution
	EtOH			Not Tested

Remarks:

QC Date: 25-11-2011

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