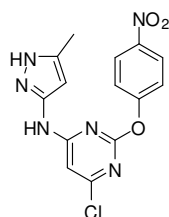




Certificate of Analysis

Axon Catalogue ID: 2748 **Batch Number:** 1
Product Name: Autophinib
Alternative Name(s): N.A.
IUPAC Name: 6-Chloro-N-(5-methyl-1H-pyrazol-3-yl)-2-(4-nitrophenoxy)pyrimidin-4-amine

Structure:



Amount:

CAS number(s): 1644443-47-9
Molecular Formula: C₁₄H₁₁ClN₆O₃ **Molecular Weight:** 346.73
Batch Molecular Formula: C₁₄H₁₁ClN₆O₃ **Batch Molecular Weight:** 346.73
Appearance: Yellow solid **Observed mp:** 243.0 - 244.5 °C
TLC (R_f): 0.38 Hex/EtOAc (1:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 48.50, H 3.20, N 24.24; Found: C 48.36, H 3.20, N 24.17
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)			Not Tested
	DMSO	19.2	55.4	Sonication enhances solubility
	EtOH			Not Tested

Remarks:

QC Date: 23-10-2017

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