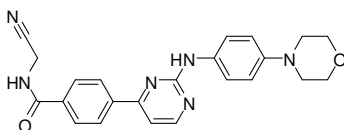




Certificate of Analysis

Axon Catalogue ID: 1681 **Batch Number:** 1
Product Name: Momelotinib
Alternative Name(s): CYT387
IUPAC Name: N-(Cyanomethyl)-4-(2-(4-morpholinophenylamino)pyrimidin-4-yl)benzamide

Structure:



Amount:

CAS number(s): 1056634-68-4
Molecular Formula: C₂₃H₂₂N₆O₂ **Molecular Weight:** 414.46
Batch Molecular Formula: C₂₃H₂₂N₆O₂ **Batch Molecular Weight:** 414.46
Appearance: Yellow solid **Observed mp:** 252 - 253 °C (decomp)
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.65, H 5.35, N 20.28; Found: C ND, H ND, N ND
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	41.4	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 9-4-2019

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