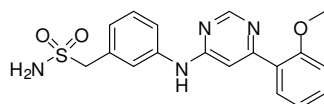




Certificate of Analysis

Axon Catalogue ID: 3029 **Batch Number:** 1
Product Name: LDC000067
Alternative Name(s): LDC067
IUPAC Name: (3-(6-(2-Methoxyphenyl)pyrimidin-4-ylamino)phenyl)methanesulfonamide

Structure:



Amount:

CAS number(s): 1073485-20-7
Molecular Formula: C₁₈H₁₈N₄O₃S **Molecular Weight:** 370.43
Batch Molecular Formula: C₁₈H₁₈N₄O₃S.0.25H₂O **Batch Molecular Weight:** 374.93
Appearance: Off-white solid **Observed mp:** 186 - 187 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.66, H 4.97, N 14.94; Found: C 57.65, H 4.87, N 14.97
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	37.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 10-06-2020

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