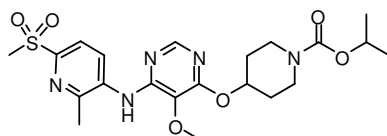




Certificate of Analysis

Axon Catalogue ID: 2541 **Batch Number:** 1
Product Name: APD 597
Alternative Name(s): JNJ 38431055
IUPAC Name: Isopropyl 4-(5-methoxy-6-(2-methyl-6-(methylsulfonyl)pyridin-3-ylamino)pyrimidin-4-yloxy)piperidine-1-carboxylate

Structure:



Amount:

CAS number(s): 897732-93-3
Molecular Formula: C₂₁H₂₉N₅O₆S **Molecular Weight:** 479.55
Batch Molecular Formula: C₂₁H₂₉N₅O₆S **Batch Molecular Weight:** 479.55
Appearance: Off-white solid **Observed mp:** 155.0 - 156.2 °C
TLC (R_f): 0.69 DCM/MeOH (9:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.60, H 6.10, N 14.60; Found: C 52.83, H 5.85, N 14.57
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)	0.0	0.0	Insoluble
	DMSO	12.5	26.1	
	EtOH			Not Tested

Remarks:

QC Date: 08-03-2021

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