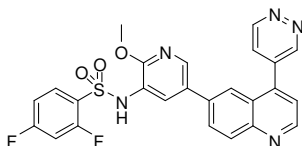




Certificate of Analysis

Axon Catalogue ID: 1596 **Batch Number:** 2
Product Name: GSK 2126458
Alternative Name(s): Omipalisib
IUPAC Name: 2,4-Difluoro-N-(2-methoxy-5-(4-(pyridazin-4-yl)quinolin-6-yl)pyridin-3-yl)benzenesulfonamide

Structure:



Amount:

CAS number(s): 1086062-66-9
Molecular Formula: C₂₅H₁₇F₂N₅O₃S **Molecular Weight:** 505.50
Batch Molecular Formula: C₂₅H₁₇F₂N₅O₃S **Batch Molecular Weight:** 505.50
Appearance: Off-white solid **Observed mp:** 149 - 151 °C
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 99.2%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.40, H 3.39, N 13.85; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water			Not Tested
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	45.0	89.0	
EtOH			Not Tested

Remarks: Sample contains 1.6% w.t. DMSO, based on NMR.

QC Date: 25-1-2024

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