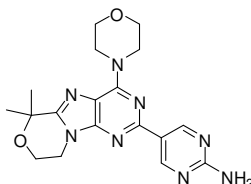




Certificate of Analysis

Axon Catalogue ID: 3584 **Batch Number:** 1
Product Name: GDC-0084
Alternative Name(s): Paxalisib
IUPAC Name: 5-(6,6-Dimethyl-4-morpholino-8,9-dihydro-6H-[1,4]oxazino[3,4-e]purin-2-yl)pyrimidin-2-amine

Structure:



Amount:

CAS number(s): 1382979-44-3
Molecular Formula: C₁₈H₂₂N₈O₂ **Molecular Weight:** 382.42
Batch Molecular Formula: C₁₈H₂₂N₈O₂ **Batch Molecular Weight:** 382.42
Appearance: White solid **Observed mp:** >290 °C
TLC (R_f): 0.38 DCM/MeOH (20:1)
Chemical Purity: 98.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.53, H 5.80, N 29.30; Found: C 56.21, H 5.64, N 28.99
Storage Conditions: Store at +4 °C

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	2.6	6.8	* Warming (40°C) and sonication
EtOH	0.0	0.0	Insoluble

Remarks: * Warming (40°C) and sonication enhanced solubility.

QC Date: 24-1-2022

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