

Certificate of Analysis

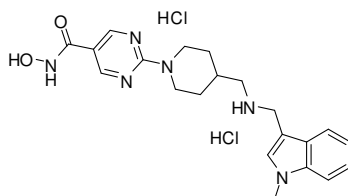
Axon Catalogue ID: 2529 **Batch Number:** 1

Product Name: JNJ 26481585 dihydrochloride

Alternative Name(s): Quisinostat dihydrochloride

IUPAC Name: N-Hydroxy-2-(4-(((1-methyl-1H-indol-3-yl)methylamino)methyl)piperidin-1-yl)pyrimidine-5-carboxamide dihydrochloride

Structure:



Amount:

CAS number(s): 875320-29-9 (parent), 875320-31-3 (HCl (1:2))

Molecular Formula: C₂₁H₂₆N₆O₂.2HCl **Molecular Weight:** 467.39

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Appearance: Off-white solid **Observed mp:** 205 °C (decomp)

TLC (R_f): 0.3 DCM/MeOH/NH₃ (1:1:0.01)

Chemical Purity: 99.1%

Optical Purity (ee): N.A.

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 53.96, H 6.04, N 17.98; Found: C 54.08, H 6.06, N 18.01

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	46.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 15-6-2021

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