

Certificate of Analysis

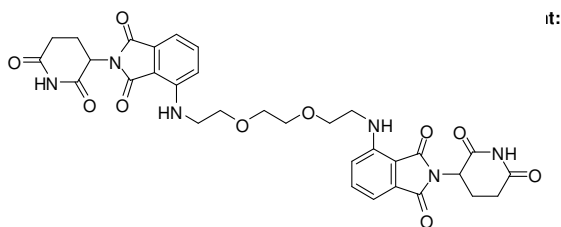
Axon Catalogue ID: 3470 **Batch Number:** 1

Product Name: Homo-PROTAC cereblon degrader 1

Alternative Name(s): N.A.

IUPAC Name: 4,4'-(2,2'-(Ethane-1,2-diylbis(oxy))bis(ethane-2,1-diyl))bis(azanediy)bis(2-(2,6-dioxopiperidin-3-yl)isoindoline-1,3-dione)

Structure:



CAS number(s): 2244520-98-5

Molecular Formula: C₃₂H₃₂N₆O₁₀ **Molecular Weight:** 660.63

Batch Molecular Formula: C₃₂H₃₂N₆O₁₀.1H₂O **Batch Molecular Weight:** 678.65

Appearance: Yellow solid **Observed mp:** 169.3 - 171.6 °C

TLC (R_f): 0.4 DCM/MeOH (20:1)

Chemical Purity: 98%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 56.63, H 5.05, N 12.38; Found: C 56.50, H 4.74, N 12.06

Storage Conditions: Desiccate at -20 °C

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	25.0	36.8	
EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 17-9-2021

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