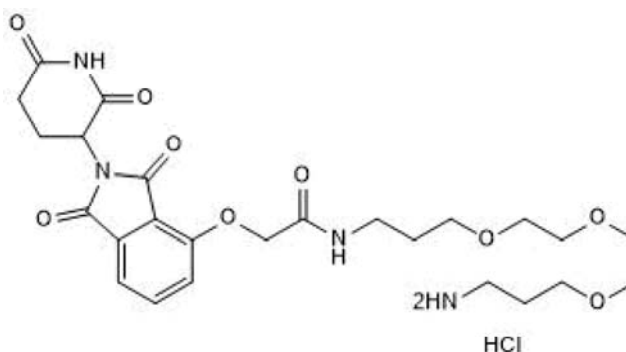


Product Name: Thalidomide 4'-oxyacetamide-alkylC1-PEG3-alkylC3-amine **Catalog No.:** 6913 **Batch No.:** 1
CAS Number: 2564466-93-7
IUPAC Name: N-[3-[2-[2-(3-Aminopropoxy)ethoxy]ethoxy]propyl]-2-[[2-(2,6-dioxo-3-piperidiny)-2,3-dihydro-1,3-dioxo-1*H*-isoindol-4-yl]oxy]acetamide hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₅H₃₄N₄O₉.HCl
Batch Molecular Weight: 571.02
Physical Appearance: Beige solid
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.5% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	52.59	6.18	9.81
Found	52.25	6.25	9.91

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

Thalidomide 4'-oxyacetamide-alkylC1-PEG3-alkylC3-amine is a functionalized cereblon ligand for PROTAC® research and development; incorporates an E3 ligase ligand plus an alkylC1-PEG3-alkylC3 linker with terminal amine ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license.

Physical and Chemical Properties:

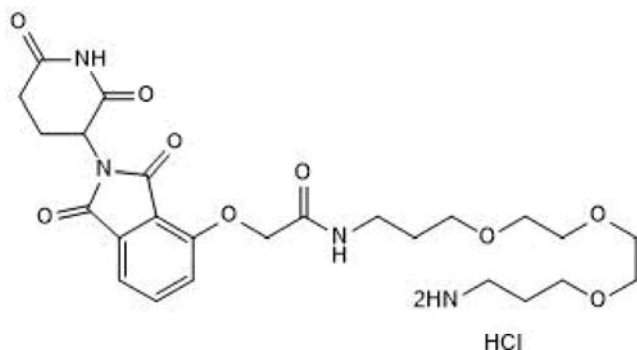
Batch Molecular Formula: C₂₅H₃₄N₄O₉.HCl

Batch Molecular Weight: 571.02

Physical Appearance: Beige solid

Minimum Purity: ≥95%

Batch Molecular Structure:



Storage: Store at -20°C. This product is packaged under an inert atmosphere.

Solubility & Usage Info:

This compound is hygroscopic and may absorb atmospheric moisture during prolonged storage, causing the solid to become sticky and/or collapse into a gel or glass-like form. Although purity is unaffected, it may be difficult to extract the full quantity from the vial. In such a situation, we recommend that solutions are made by adding solvent directly to the vial. The vial should then be vortexed vigorously to ensure the product has completely dissolved.

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Nabet et al (2018) The dTAG system for immediate and target specific protein degradation. *Nat.Chem.Biol.* **14** 431. PMID: 29581585.

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