

Product Name: Lenalidomide 4'-PEG3-amine

Catalog No.: 7076

Batch No.: 1

IUPAC Name: 3-[4-[[[2-[2-(2-Aminoethoxy)ethoxy]ethoxy]ethyl]amino]-1,3-dihydro-1-oxo-2*H*-isindol-2-yl]-2,6-piperidinedione dihydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

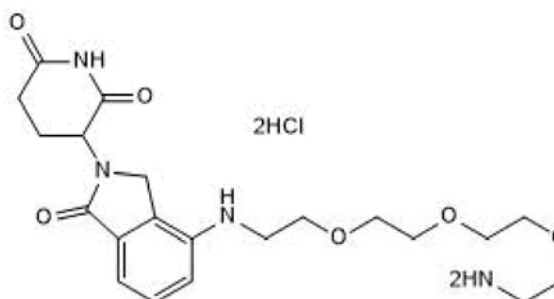
Batch Molecular Formula: C₂₁H₃₀N₄O₆·2HCl·¼H₂O

Batch Molecular Weight: 511.91

Physical Appearance: Yellow solid

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 98.4% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	49.27	6.4	10.94
Found	48.97	6.49	10.58

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

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Description:

Functionalized cereblon ligand for PROTAC® research and development; incorporates an E3 ligase ligand plus a PEG3 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:

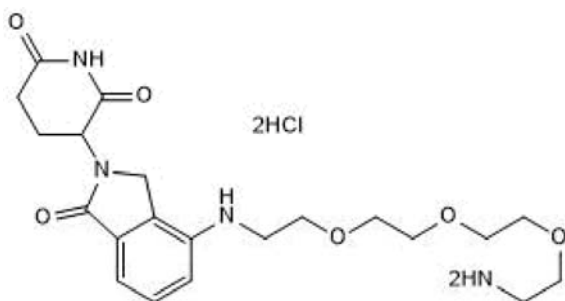
Batch Molecular Formula: C₂₁H₃₀N₄O₆·2HCl·½H₂O

Batch Molecular Weight: 511.91

Physical Appearance: Yellow solid

Minimum Purity: ≥95%

Batch Molecular Structure:



References:

Storage: Store at -20°C

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.

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