

Certificate of Analysis

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Product Name: Pomalidomide 4'-PEG5-azide

Catalog No.: 7437

Batch No.: 1

CAS Number: 2624181-61-7

IUPAC Name: 4-[(17-Azido-3,6,9,12,15-pentaoxaheptadecyl)amino]-2-(2,6-dioxo-3-piperidiny)-1*H*-isoindole-1,3(2*H*)-dione

1. PHYSICAL AND CHEMICAL PROPERTIES

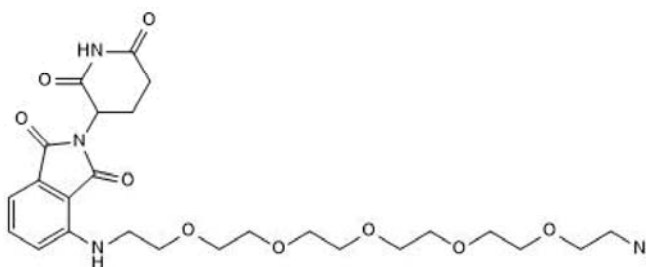
Batch Molecular Formula: C₂₅H₃₄N₆O₉

Batch Molecular Weight: 562.58

Physical Appearance: Yellow film

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

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

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Description:

Pomalidomide 4'-PEG5-azide is a functionalized cereblon ligand for PROTAC® research and development; incorporates an E3 ligase ligand plus a PEG5 linker with terminal azide 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:

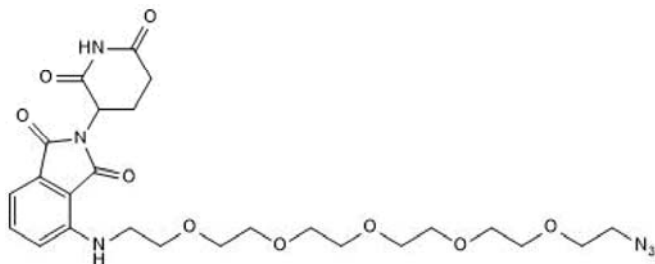
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Batch Molecular Weight: 562.58

Physical Appearance: Yellow film

Minimum Purity: ≥95%

Batch Molecular Structure:



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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