

Product Name: Pomalidomide 4'-PEG1-azide

Catalog No.: 7434

Batch No.: 2

CAS Number: 2271036-44-1

IUPAC Name: 4-[[2-(2-Azidoethoxy)ethyl]amino]-2-(2,6-dioxo-3-piperidiny)-1*H*-isoindole-1,3(2*H*)-dione

## 1. PHYSICAL AND CHEMICAL PROPERTIES

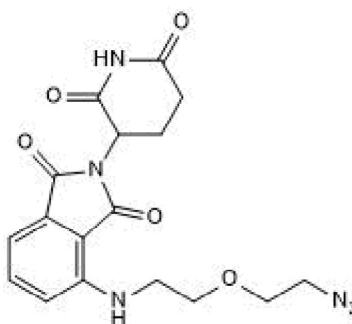
Batch Molecular Formula: C<sub>17</sub>H<sub>18</sub>N<sub>6</sub>O<sub>5</sub>

Batch Molecular Weight: 386.37

Physical Appearance: Yellow solid

Storage: Store at -20°C

Batch Molecular Structure:



## 2. ANALYTICAL DATA

HPLC: Shows 98.4% purity

<sup>1</sup>H 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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**2**

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**Description:**

Functionalized cereblon ligand for PROTAC® research and development; incorporates an E3 ligase ligand plus a PEG1 linker with terminal azide ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. Please contact us for SD files of our available Degradation Building Blocks. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license. Please see product specific page on [www.tocris.com](http://www.tocris.com) for full description.

**Physical and Chemical Properties:**

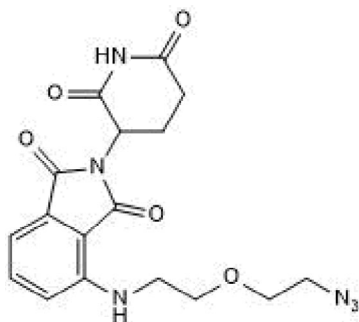
Batch Molecular Formula: C<sub>17</sub>H<sub>18</sub>N<sub>6</sub>O<sub>5</sub>

Batch Molecular Weight: 386.37

Physical Appearance: Yellow solid

**Minimum Purity:** ≥95%

**Batch Molecular Structure:**



**Storage:** Store at -20°C

**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. \*Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

**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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