

**Product Name:** Lenalidomide 4'-alkylC3-azide

**Catalog No.:** 7516

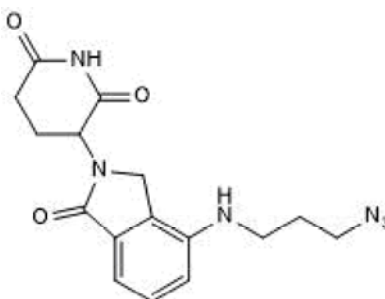
**Batch No.:** 1

CAS Number: 2399455-71-9

IUPAC Name: 3-[4-[(3-Azidopropyl)amino]-1,3-dihydro-1-oxo-2*H*-isoindol-2-yl]-2,6-piperidinedione

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>16</sub>H<sub>18</sub>N<sub>6</sub>O<sub>3</sub>.  
**Batch Molecular Weight:** 342.36  
**Physical Appearance:** White solid  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**HPLC:** Shows 97.7% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

|             | Carbon | Hydrogen | Nitrogen |
|-------------|--------|----------|----------|
| Theoretical | 56.13  | 5.3      | 24.55    |
| Found       | 55.93  | 5.32     | 24.32    |

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

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**Description:**

Lenalidomide 4'-alkylC3-azide is a functionalized cereblon ligand for PROTAC® research and development; incorporates an E3 ligase ligand plus an alkylC3 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:**

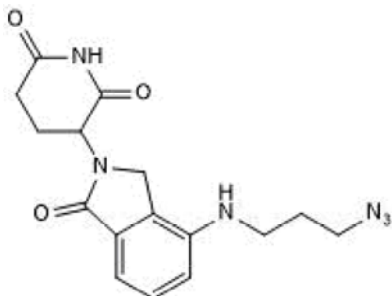
Batch Molecular Formula: C<sub>16</sub>H<sub>18</sub>N<sub>6</sub>O<sub>3</sub>.

Batch Molecular Weight: 342.36

Physical Appearance: White solid

**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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