

## Certificate of Analysis

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**Product Name:** Thalidomide 4'-ether-alkylC3-azide

**Catalog No.:** 7521

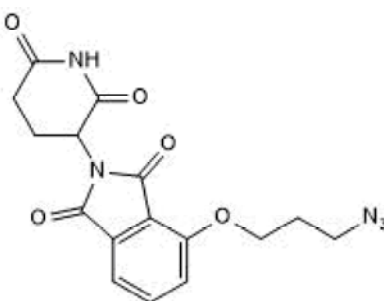
**Batch No.:** 1

CAS Number: 2758432-00-5

IUPAC Name: 4-(3-Azidopropoxy)-2-(2,6-dioxopiperidin-3-yl)-1*H*-isoindole-1,3(2*H*)-dione

### 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>16</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub>  
**Batch Molecular Weight:** 357.33  
**Physical Appearance:** White solid  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



### 2. ANALYTICAL DATA

**HPLC:** Shows 96.0% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	53.78	4.23	19.6
Found	53.62	4.16	18.96

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

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**Description:**

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

**Physical and Chemical Properties:**

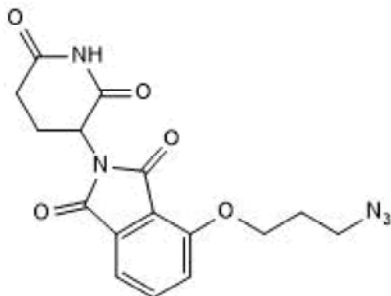
Batch Molecular Formula: C<sub>16</sub>H<sub>15</sub>N<sub>5</sub>O<sub>5</sub>

Batch Molecular Weight: 357.33

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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