

Certificate of Analysis

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

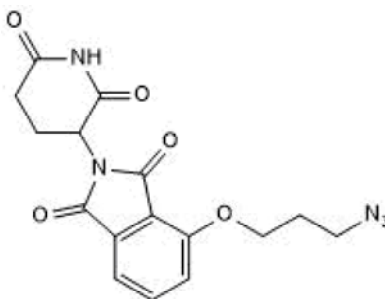
Catalog No.: 7521

Batch No.: 1

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

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₆H₁₅N₅O₅
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
¹H 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® 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® is a registered trademark of Arvinas Operations, Inc., and is used under license.

Physical and Chemical Properties:

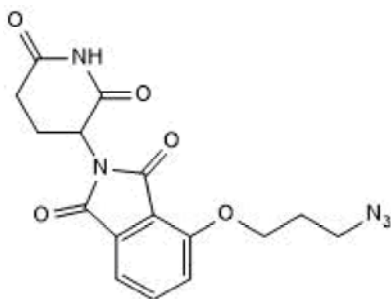
Batch Molecular Formula: C₁₆H₁₅N₅O₅

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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