

## Certificate of Analysis

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**Product Name:** Pomalidomide 4'-alkylC5-acid

**Catalog No.:** 6682

**Batch No.:** 2

CAS Number: 2225940-49-6

IUPAC Name: 6-[[2-(2,6-Dioxo-3-piperidiny)-2,3-dihydro-1,3-dioxo-1*H*-isoindol-4-yl]amino]hexanoic acid

### 1. PHYSICAL AND CHEMICAL PROPERTIES

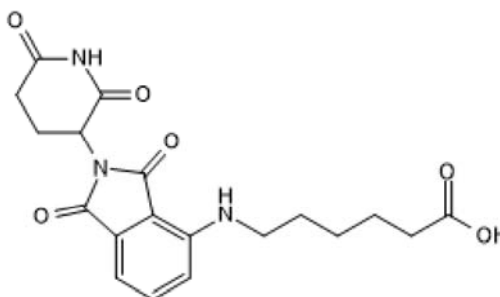
**Batch Molecular Formula:** C<sub>19</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub>·¼H<sub>2</sub>O

**Batch Molecular Weight:** 391.89

**Physical Appearance:** Yellow solid

**Storage:** Store at -20°C

**Batch Molecular Structure:**



### 2. ANALYTICAL DATA

**HPLC:** Shows 97.4% purity

**<sup>1</sup>H NMR:** Consistent with structure

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	58.23	5.53	10.72
Found	58.35	5.5	10.66

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

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**Description:**

Functionalized cereblon ligand for PROTAC® research and development; incorporates an E3 ligase ligand plus an alkylC5 linker with terminal carboxylic acid ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. This product has been recently renamed. The previous name for this product was Pomalidomide - linker 3. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license.

**Physical and Chemical Properties:**

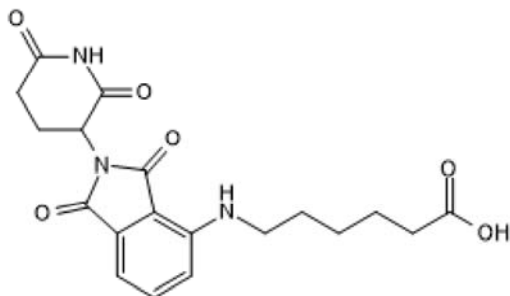
Batch Molecular Formula: C<sub>19</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub>·½H<sub>2</sub>O

Batch Molecular Weight: 391.89

Physical Appearance: Yellow solid

**Minimum Purity:** ≥95%

**Batch Molecular Structure:**



**References:**

**Remillard et al** (2017) Degradation of the BAF complex factor BRD9 by heterobifunctional ligands. *Angew.Chem.Int.Ed.Engl.* **56** 5738. PMID: 28418626.

**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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