bio-techne
TOCRIS

Print Date: Mar 13th 2024

# Certificate of Analysis

www.tocris.com

**Product Name:** **Pomalidomide 4'-PEG5-amine** **Catalog No.: 7924** **Batch No.: 1**

CAS Number: 2357117-23-6

IUPAC Name: 4-[(17-Amino-3,6,9,12,15-pentaoxaheptadec-1-yl)amino]-2-(2,6-dioxo-3-piperidinyl)-1*H*-isoindole-1,3(2*H*)-dione hydrochloride

## 1. PHYSICAL AND CHEMICAL PROPERTIES

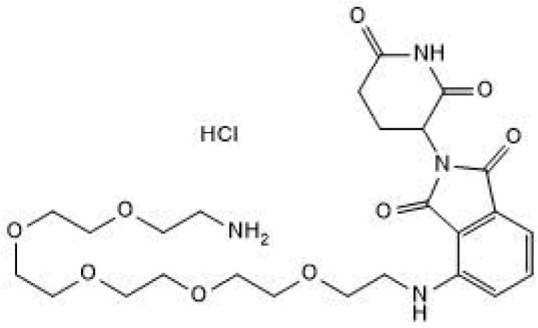
**Batch Molecular Formula:** $C_{25}H_{36}N_4O_9.HCl$

**Batch Molecular Weight:** 573.04

**Physical Appearance:** Yellow gum

**Storage:** Store at -20°C

**Batch Molecular Structure:**




## 2. ANALYTICAL DATA

**HPLC:** Shows 97.4% purity

**$^1$H NMR:** Consistent with structure

**Mass Spectrum:** Consistent with structure



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**Description:**

Pomalidomide 4'-PEG5-amine is a functionalized cereblon ligand for PROTAC® research and development; incorporates an E3 ligase ligand plus a PEG5 linker with terminal amine 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 Degrader 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 for full description.

**Physical and Chemical Properties:**

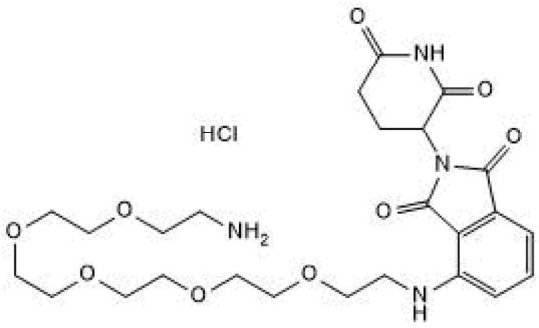
Batch Molecular Formula: $C_{25}H_{36}N_4O_9$.HCl

Batch Molecular Weight: 573.04

Physical Appearance: Yellow gum

**Minimum Purity:** ≥95%

**Batch Molecular Structure:**




**Storage:** Store at -20°C

**Solubility & Usage Info:**

This product is supplied in lyophilized form. It may appear as a solid, gel or film and be very hard to visualize. Solutions should be 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.