

## Mal-amido-PEG3-acid Biochemical

Mal-amido-PEG3-acid

CATALOG #  
**AAA228058**

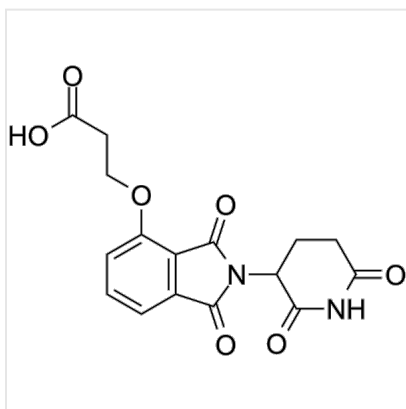
### PRODUCT SYNONYMS

Mal-amido-PEG3-acid; Mal-amido-PEG3-acid biochemical

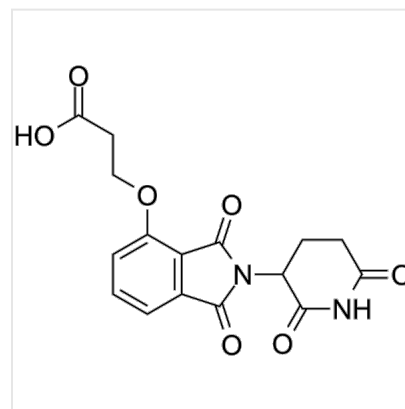
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                       |
| CAS                     | 2055353-75-6                                                                                                                                                                                                                                              |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                               |
| In vitro                | PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                  |

### IMAGES



Structure  
Thalidomide-O-C2-acid, CAS 2369068-42-6



Structure  
Thalidomide-O-C2-acid, CAS 2369068-42-6

### ADDITIONAL INFORMATION

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Mal-amido-PEG3-acid biochemical | Mal-amido-PEG3-acid is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs.                                                                                                                                                                                                                                                                                                   |
| References                                                      | <ol style="list-style-type: none"> <li>1. Sato T, et al. Cereblon-Based Small-Molecule Compounds to Control Neural Stem Cell Proliferation in Regenerative Medicine. <i>Front Cell Dev Biol.</i> 2021;9:629326. Published 2021 Mar 11.</li> <li>2. Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. <i>Cell Chem Biol.</i> 2020;27(8):998-1008.</li> </ol> |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

