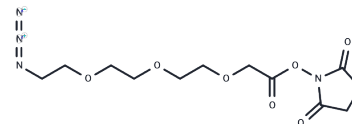


## Azido-PEG3-NHS ester

### Chemical Properties

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| CAS No. :         | 1092654-47-1                                                  |
| Formula:          | C <sub>12</sub> H <sub>18</sub> N <sub>4</sub> O <sub>7</sub> |
| Molecular Weight: | 330.29                                                        |
| Appearance:       | no data available                                             |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year      |



### Biological Description

|               |                                                                                                                                                                                                                                                           |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Azido-PEG3-NHS ester is a PEG-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.             |
| Targets(IC50) | Others                                                                                                                                                                                                                                                    |
| 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]. |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.0276 mL | 15.1382 mL | 30.2764 mL |
| 5 mM  | 0.6055 mL | 3.0276 mL  | 6.0553 mL  |
| 10 mM | 0.3028 mL | 1.5138 mL  | 3.0276 mL  |
| 50 mM | 0.0606 mL | 0.3028 mL  | 0.6055 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

### Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

**This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use**

Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481