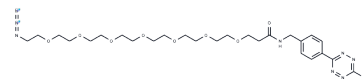


## Methyltetrazine-amido-PEG7-azide

### Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 2112731-46-9                                             |
| Formula:          | C27H42N8O8                                               |
| Molecular Weight: | 606.67                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### Biological Description

|               |                                                                                                                                                                                                                                                           |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Methyltetrazine-amido-PEG7-azide is a PEG-based PROTAC linker, employed for the synthesis of PROTACs[1].                                                                                                                                                  |
| 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  | 1.6483 mL | 8.2417 mL | 16.4834 mL |
| 5 mM  | 0.3297 mL | 1.6483 mL | 3.2967 mL  |
| 10 mM | 0.1648 mL | 0.8242 mL | 1.6483 mL  |
| 50 mM | 0.033 mL  | 0.1648 mL | 0.3297 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

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