

## Methyltetrazine-PEG4-acid

## Chemical Properties

CAS No. : 1802907-91-0

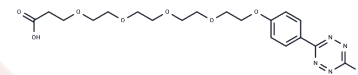
Formula: C<sub>20</sub>H<sub>28</sub>N<sub>4</sub>O<sub>7</sub>

Molecular Weight: 436.46

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

|               |  |
|---------------|--|
| Description   | Methyltetrazine-PEG4-acid, a PEG-based linker, is employed in the synthesis of PROTACs [1].  |
| Targets(IC50) | Others,PROTAC Linker   |
| In vitro      | PROTACs consist of two distinct ligands linked together: one targeting an E3 ubiquitin ligase and the other targeting a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade these target proteins [1]. |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.2912 mL | 11.4558 mL | 22.9116 mL |
| 5 mM  | 0.4582 mL | 2.2912 mL  | 4.5823 mL  |
| 10 mM | 0.2291 mL | 1.1456 mL  | 2.2912 mL  |
| 50 mM | 0.0458 mL | 0.2291 mL  | 0.4582 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## 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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