

## Methyltetrazine-PEG24-Boc

## Chemical Properties

CAS No. :

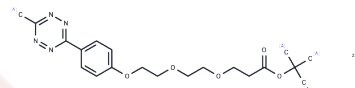
Formula: C64H116N4O27

Molecular Weight: 1373.6

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-PEG24-Boc is a polyethylene glycol (PEG) derivative utilized as a linker compound in PROTAC synthesis. This PEG-based linker enables the construction of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.728 mL	3.6401 mL	7.2801 mL
5 mM	0.1456 mL	0.728 mL	1.456 mL
10 mM	0.0728 mL	0.364 mL	0.728 mL
50 mM	0.0146 mL	0.0728 mL	0.1456 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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