

## Methyltetrazine-PEG25-acid

## Chemical Properties

CAS No. :

Formula: C60H108N4O27

Molecular Weight: 1317.51

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-PEG25-acid, a PEG-derived PROTAC linker, is used for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one binding to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.759 mL	3.795 mL	7.5901 mL
5 mM	0.1518 mL	0.759 mL	1.518 mL
10 mM	0.0759 mL	0.3795 mL	0.759 mL
50 mM	0.0152 mL	0.0759 mL	0.1518 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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