

Methyltetrazine-PEG24-NH-Boc

Chemical Properties

CAS No. :

Formula: C62H113N5O26

Molecular Weight: 1344.58

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-NH-Boc is a PEG-derived linker used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7437 mL	3.7186 mL	7.4373 mL
5 mM	0.1487 mL	0.7437 mL	1.4875 mL
10 mM	0.0744 mL	0.3719 mL	0.7437 mL
50 mM	0.0149 mL	0.0744 mL	0.1487 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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