

Methyltetrazine-PEG4-NH-Boc

Chemical Properties

CAS No. : 2194563-84-1

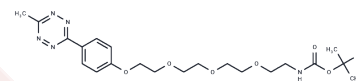
Formula: C₂₂H₃₃N₅O₆

Molecular Weight: 463.53

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-NH-Boc is a PEGylation-based linker used for synthesizing Proteolysis Targeting Chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade these target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1574 mL	10.7868 mL	21.5736 mL
5 mM	0.4315 mL	2.1574 mL	4.3147 mL
10 mM	0.2157 mL	1.0787 mL	2.1574 mL
50 mM	0.0431 mL	0.2157 mL	0.4315 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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