

Methyltetrazine-PEG6-maleimide

Chemical Properties

CAS No. :

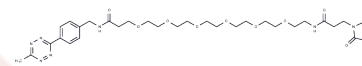
Formula: C₃₂H₄₅N₇O₁₀

Molecular Weight: 687.74

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-PEG6-maleimide is a PEG-derived linker compound used for synthesizing PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.454 mL	7.2702 mL	14.5404 mL
5 mM	0.2908 mL	1.454 mL	2.9081 mL
10 mM	0.1454 mL	0.727 mL	1.454 mL
50 mM	0.0291 mL	0.1454 mL	0.2908 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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