

Methyltetrazine-PEG24-NHS ester

Chemical Properties

CAS No. :

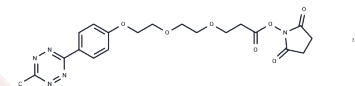
Formula: C64H111N5O29

Molecular Weight: 1414.6

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-NHS ester is a polyethylene glycol (PEG) linker utilized in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins by containing two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7069 mL	3.5346 mL	7.0691 mL
5 mM	0.1414 mL	0.7069 mL	1.4138 mL
10 mM	0.0707 mL	0.3535 mL	0.7069 mL
50 mM	0.0141 mL	0.0707 mL	0.1414 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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