

Methyltetrazine-PEG8-NHS ester

Chemical Properties

CAS No. : 2183440-34-6

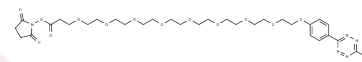
Formula: C32H47N5O13

Molecular Weight: 709.74

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-PEG8-NHS ester is a polyethylene glycol (PEG) derivative specifically designed as a PROTAC linker for synthesizing Proteolysis Targeting Chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are bifunctional molecules composed of two ligands, one binding to an E3 ubiquitin ligase and the other to a target protein, connected by a linker. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.409 mL	7.0448 mL	14.0897 mL
5 mM	0.2818 mL	1.409 mL	2.8179 mL
10 mM	0.1409 mL	0.7045 mL	1.409 mL
50 mM	0.0282 mL	0.1409 mL	0.2818 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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