

Methyltetrazine-PEG8-acid

Chemical Properties

CAS No. : 2183440-33-5

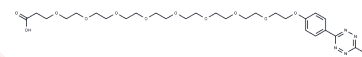
Formula: C₂₈H₄₄N₄O₁₁

Molecular Weight: 612.67

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-acid is a polyethylene glycol (PEG) derivative commonly employed as a linker in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein, facilitating the selective degradation of target proteins via the intracellular ubiquitin-proteasome system [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6322 mL	8.161 mL	16.322 mL
5 mM	0.3264 mL	1.6322 mL	3.2644 mL
10 mM	0.1632 mL	0.8161 mL	1.6322 mL
50 mM	0.0326 mL	0.1632 mL	0.3264 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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