

Biotin-PEG4-methyltetrazine

Chemical Properties

CAS No. : 1835759-81-3

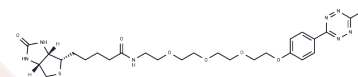
Formula: C₂₇H₃₉N₇O₆S

Molecular Weight: 589.71

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	Biotin-PEG4-methyltetrazine is a PEG-derived linker used in the synthesis of PROTACs[1], which are molecules employed in targeted protein degradation.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6957 mL	8.4787 mL	16.9575 mL
5 mM	0.3391 mL	1.6957 mL	3.3915 mL
10 mM	0.1696 mL	0.8479 mL	1.6957 mL
50 mM	0.0339 mL	0.1696 mL	0.3391 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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