

Methyltetrazine-PEG8-N3

Chemical Properties

CAS No. :

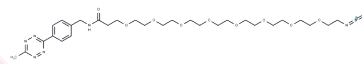
Formula: C29H46N8O9

Molecular Weight: 650.72

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-N3 is a PEG-based PROTAC linker used in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein, leveraging the intracellular ubiquitin-proteasome system to specifically degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5368 mL	7.6838 mL	15.3676 mL
5 mM	0.3074 mL	1.5368 mL	3.0735 mL
10 mM	0.1537 mL	0.7684 mL	1.5368 mL
50 mM	0.0307 mL	0.1537 mL	0.3074 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481