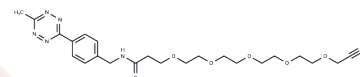


Methyltetrazine-amido-PEG5-alkyne

Chemical Properties

CAS No. :	2322322-23-4
Formula:	C ₂₄ H ₃₃ N ₅ O ₆
Molecular Weight:	487.55
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Methyltetrazine-amido-PEG5-alkyne, a polyethylene glycol (PEG) derivative, is commonly employed as a linker in proteolysis targeting chimeras (PROTACs) synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0511 mL	10.2554 mL	20.5107 mL
5 mM	0.4102 mL	2.0511 mL	4.1021 mL
10 mM	0.2051 mL	1.0255 mL	2.0511 mL
50 mM	0.041 mL	0.2051 mL	0.4102 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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