

## Methyltetrazine-PEG5-alkyne

## Chemical Properties

CAS No. : 1802907-97-6

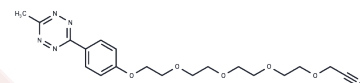
Formula: C<sub>20</sub>H<sub>26</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight: 402.44

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-PEG5-alkyne, a PEG-based PROTAC linker, is utilized in synthesizing PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two distinct ligands linked together: one ligand binds to an E3 ubiquitin ligase, and the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4848 mL	12.4242 mL	24.8484 mL
5 mM	0.497 mL	2.4848 mL	4.9697 mL
10 mM	0.2485 mL	1.2424 mL	2.4848 mL
50 mM	0.0497 mL	0.2485 mL	0.497 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