

## Biotin-PEG7-azide

## Chemical Properties

CAS No. : 1334172-75-6

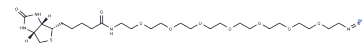
Formula: C<sub>26</sub>H<sub>48</sub>N<sub>6</sub>O<sub>9</sub>S

Molecular Weight: 620.76

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-PEG7-azide, a PEG-based linker for PROTACs, connects two essential ligands pivotal for PROTAC molecule formation, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together; one targets an E3 ubiquitin ligase and the other binds the target protein. Through the intracellular ubiquitin-proteasome system, PROTACs facilitate selective degradation of the target proteins.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6109 mL	8.0546 mL	16.1093 mL
5 mM	0.3222 mL	1.6109 mL	3.2219 mL
10 mM	0.1611 mL	0.8055 mL	1.6109 mL
50 mM	0.0322 mL	0.1611 mL	0.3222 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.

**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