

Dde Biotin-PEG4-azide

Chemical Properties

CAS No. : 1802907-93-2

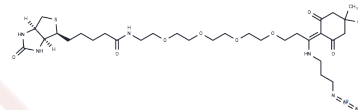
Formula: C32H53N7O8S

Molecular Weight: 695.88

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	Dde Biotin-PEG4-azide is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules [ubiquitin-proteasome system].
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 the specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.437 mL	7.1851 mL	14.3703 mL
5 mM	0.2874 mL	1.437 mL	2.8741 mL
10 mM	0.1437 mL	0.7185 mL	1.437 mL
50 mM	0.0287 mL	0.1437 mL	0.2874 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