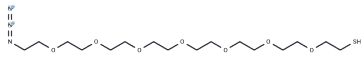
Data Sheet (Cat.No.T18028)

TargetMol®
YOUR TARGET MOLECULES

HS-PEG7-CH2CH2N3

Chemical Properties



CAS No. : 2148986-06-3

Formula: C16H33N3O7S

Molecular Weight: 411.51

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	HS-PEG7-CH2CH2N3 is a PEG-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4301 mL	12.1504 mL	24.3007 mL
5 mM	0.486 mL	2.4301 mL	4.8601 mL
10 mM	0.243 mL	1.215 mL	2.4301 mL
50 mM	0.0486 mL	0.243 mL	0.486 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.

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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