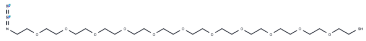
Data Sheet (Cat.No.T18021)

TargetMol

HS-PEG11-CH2CH2N3

Chemical Properties



CAS No. : 2148986-08-5

Formula: C24H49N3O11S

Molecular Weight: 587.72

Storage: Keep away from direct sunlight
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	HS-PEG11-CH2CH2N3 is a PEG-based linker for PROTACs that 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,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. Through the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7015 mL	8.5075 mL	17.0149 mL
5 mM	0.3403 mL	1.7015 mL	3.403 mL
10 mM	0.1701 mL	0.8507 mL	1.7015 mL
50 mM	0.034 mL	0.1701 mL	0.3403 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481