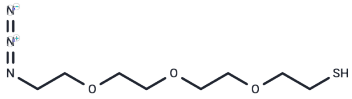
# Data Sheet (Cat.No.T18023)

TargetMol®
YOUR TARGET MOLECULES

## HS-PEG3-CH2CH2N3

### Chemical Properties



CAS No. : 1347750-79-1

Formula: C8H17N3O3S

Molecular Weight: 235.3

Appearance: no data available

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

### Biological Description

| | |
|---|---|
| Description | HS-PEG3-CH2CH2N3 is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1]. |
| 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 | 4.2499 mL | 21.2495 mL | 42.4989 mL |
| 5 mM | 0.850 mL | 4.2499 mL | 8.4998 mL |
| 10 mM | 0.425 mL | 2.1249 mL | 4.2499 mL |
| 50 mM | 0.085 mL | 0.425 mL | 0.850 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.



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