

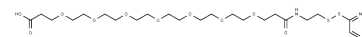
## SPDP-PEG7-acid

## Chemical Properties

CAS No. :

Formula: C<sub>25</sub>H<sub>42</sub>N<sub>2</sub>O<sub>10</sub>S<sub>2</sub>

Molecular Weight: 594.74



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	SPDP-PEG7-acid is a PEG-based linker for PROTACs [Proteolysis-Targeting Chimeras] that joins two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system for selective protein degradation[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6814 mL	8.407 mL	16.8141 mL
5 mM	0.3363 mL	1.6814 mL	3.3628 mL
10 mM	0.1681 mL	0.8407 mL	1.6814 mL
50 mM	0.0336 mL	0.1681 mL	0.3363 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