

## SPDP-PEG24-NHS ester

## Chemical Properties

CAS No. :

Formula: C63H113N3O29S2

Molecular Weight: 1440.7

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-PEG24-NHS ester is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the formation of PROTAC molecules for selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the intended protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade specific proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6941 mL	3.4705 mL	6.9411 mL
5 mM	0.1388 mL	0.6941 mL	1.3882 mL
10 mM	0.0694 mL	0.3471 mL	0.6941 mL
50 mM	0.0139 mL	0.0694 mL	0.1388 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

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