

## PEG20-Tos

## Chemical Properties

CAS No. : 2179113-08-5

Formula: C47H88O23S

Molecular Weight: 1053.25

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	PEG20-Tos is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the formation of PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells. [PEG20-Tos]
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are molecules that link a ligand for an E3 ubiquitin ligase with a ligand for a target protein, utilizing the intracellular ubiquitin-proteasome system to selectively degrade target proteins (PROTACs).

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9494 mL	4.7472 mL	9.4944 mL
5 mM	0.1899 mL	0.9494 mL	1.8989 mL
10 mM	0.0949 mL	0.4747 mL	0.9494 mL
50 mM	0.019 mL	0.0949 mL	0.1899 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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