

TCO-PEG3-maleimide

Chemical Properties

CAS No. :

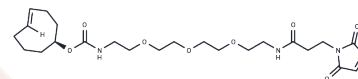
Formula: C₂₄H₃₇N₃O₈

Molecular Weight: 495.57

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	TCO-PEG3-maleimide is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].
Targets(IC50)	ADC Linker,PROTAC Linker
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	2.0179 mL	10.0894 mL	20.1788 mL
5 mM	0.4036 mL	2.0179 mL	4.0358 mL
10 mM	0.2018 mL	1.0089 mL	2.0179 mL
50 mM	0.0404 mL	0.2018 mL	0.4036 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

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