

TCO-PEG2-Sulfo-NHS ester

Chemical Properties

CAS No. : 2353409-48-8

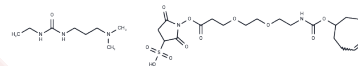
Formula: C₂₈H₄₉N₅O₁₂S

Molecular Weight: 679.78

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-PEG2-Sulfo-NHS ester is a Polyethylene glycol (PEG)-based linker for PROTAC synthesis[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	1.4711 mL	7.3553 mL	14.7106 mL
5 mM	0.2942 mL	1.4711 mL	2.9421 mL
10 mM	0.1471 mL	0.7355 mL	1.4711 mL
50 mM	0.0294 mL	0.1471 mL	0.2942 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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