

TCO-PEG3-amide-C3-triethoxysilane

Chemical Properties

CAS No. : 2250217-32-2

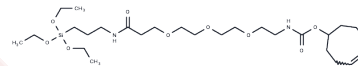
Formula: C₂₇H₅₂N₂O₉Si

Molecular Weight: 576.803

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-amide-C3-triethoxysilane is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7337 mL	8.6685 mL	17.337 mL
5 mM	0.3467 mL	1.7337 mL	3.4674 mL
10 mM	0.1734 mL	0.8669 mL	1.7337 mL
50 mM	0.0347 mL	0.1734 mL	0.3467 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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