

## m-PEG3-amido-C3-triethoxysilane

## Chemical Properties

CAS No. : 2243566-45-0

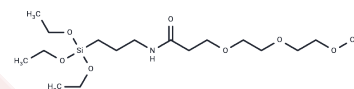
Formula: C17H37NO7Si

Molecular Weight: 395.56

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	m-PEG3-amido-C3-triethoxysilane is a polyethylene glycol (PEG)-based linker frequently used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are comprised of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5281 mL	12.6403 mL	25.2806 mL
5 mM	0.5056 mL	2.5281 mL	5.0561 mL
10 mM	0.2528 mL	1.264 mL	2.5281 mL
50 mM	0.0506 mL	0.2528 mL	0.5056 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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