

## Methyltetrazine-PEG5-triethoxysilane

## Chemical Properties

CAS No. : 2353410-01-0

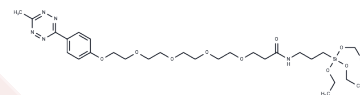
Formula: C<sub>29</sub>H<sub>49</sub>N<sub>5</sub>O<sub>9</sub>Si

Molecular Weight: 639.81

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	Methyltetrazine-PEG5-triethoxysilane is a polyethylene glycol (PEG)-based PROTAC linker suitable for PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands linked together, target proteins for degradation by exploiting the intracellular ubiquitin-proteasome system; one ligand binds to an E3 ubiquitin ligase and the other to the target protein[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.563 mL	7.8148 mL	15.6296 mL
5 mM	0.3126 mL	1.563 mL	3.1259 mL
10 mM	0.1563 mL	0.7815 mL	1.563 mL
50 mM	0.0313 mL	0.1563 mL	0.3126 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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