

## Propargyl-PEG11-methane

## Chemical Properties

CAS No. : 2250411-18-6

Formula: C<sub>26</sub>H<sub>50</sub>O<sub>12</sub>

Molecular Weight: 554.67

Keep away from direct sunlight

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Propargyl-PEG11-methane is a PEG-based PROTAC linker utilized for the synthesis of PROTACs [1].
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: 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	1.8029 mL	9.0144 mL	18.0287 mL
5 mM	0.3606 mL	1.8029 mL	3.6057 mL
10 mM	0.1803 mL	0.9014 mL	1.8029 mL
50 mM	0.0361 mL	0.1803 mL	0.3606 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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