

## Azido-PEG10-azide

## Chemical Properties

CAS No. : 1421783-42-7

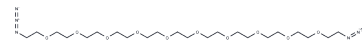
Formula: C<sub>22</sub>H<sub>44</sub>N<sub>6</sub>O<sub>10</sub>

Molecular Weight: 552.62

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	Azido-PEG10-azide is a PROTAC linker belonging to the PEG category, utilized in the synthesis of PROTAC molecules. As a click chemistry reagent, it features azide groups capable of participating in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with alkyne-containing molecules. Additionally, it engages in strain-promoted azide-alkyne cycloaddition reactions (SPAAC) with DBCO or BCN-containing molecules.
Targets(IC50)	PROTAC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8096 mL	9.0478 mL	18.0956 mL
5 mM	0.3619 mL	1.8096 mL	3.6191 mL
10 mM	0.181 mL	0.9048 mL	1.8096 mL
50 mM	0.0362 mL	0.181 mL	0.3619 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.

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