

## N-(Aminoxy-PEG2)-N-bis(PEG3-propargyl)

## Chemical Properties

CAS No. : 2112737-71-8

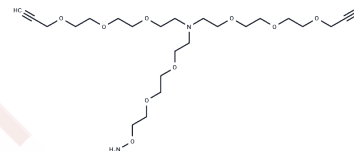
Formula: C<sub>24</sub>H<sub>44</sub>N<sub>2</sub>O<sub>9</sub>

Molecular Weight: 504.61

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	N-(Aminoxy-PEG2)-N-bis(PEG3-propargyl) is a polyethylene glycol (PEG) derivative frequently used as a PEG-based linker in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9817 mL	9.9086 mL	19.8173 mL
5 mM	0.3963 mL	1.9817 mL	3.9635 mL
10 mM	0.1982 mL	0.9909 mL	1.9817 mL
50 mM	0.0396 mL	0.1982 mL	0.3963 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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