

Azido-PEG11-amine

Chemical Properties

CAS No. : 1800414-71-4

Formula: C₂₄H₅₀N₄O₁₁

Molecular Weight: 570.67

Store at low temperature

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-PEG11-amine is a PEG-based PROTAC linker for synthesizing PROTAC molecules. Its azido group undergoes click chemistry reactions with molecules containing alkyne, DBCO, or BCN groups.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs, comprising two different ligands linked together—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Solubility Information

Solubility	DMSO: 80 mg/mL (140.19 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7523 mL	8.7616 mL	17.5233 mL
5 mM	0.3505 mL	1.7523 mL	3.5047 mL
10 mM	0.1752 mL	0.8762 mL	1.7523 mL
50 mM	0.035 mL	0.1752 mL	0.3505 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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