

Fmoc-N-amido-PEG5-azide

Chemical Properties

CAS No. : 2924480-17-9

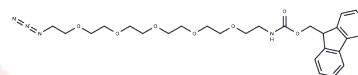
Formula: C₂₇H₃₆N₄O₇

Molecular Weight: 528.60

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	Fmoc-N-amido-PEG5-azide is a PROTAC linker of the PEG class, used in the synthesis of PROTAC molecules. This compound functions as a click chemistry reagent due to its azide group, enabling copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules containing alkyne groups. Additionally, it can participate in strain-promoted alkyne-azide cycloaddition reactions (SPAAC) with molecules that have DBCO or BCN groups.
Targets(IC50)	PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8918 mL	9.4589 mL	18.9179 mL
5 mM	0.3784 mL	1.8918 mL	3.7836 mL
10 mM	0.1892 mL	0.9459 mL	1.8918 mL
50 mM	0.0378 mL	0.1892 mL	0.3784 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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