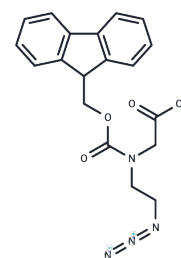


Fmoc-Aeg(N3)-OH

Chemical Properties

CAS No. :	1935981-35-3
Formula:	C19H18N4O4
Molecular Weight:	366.37
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-Aeg(N3)-OH is a click chemistry reagent characterized by its azide group that participates in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules containing alkyne groups. This building block, which also reacts in strain-promoted alkyne-azide cycloaddition (SPAAC) with DBCO or BCN group-containing molecules, facilitates the alteration of cytotoxicity through the creation of peptidomimetics such as Cilengitide, Piscidin 1, and MC3, MC4, MC5 receptor agonists. Its incorporation in molecules can lead to conformational restraint in peptidic structures due to amidic nitrogen alkylation, which results in structures such as N-methylated peptides, allows backbone derivatization, and enables the design of macrocycles through intramolecular cross-linking or stabilization of the main chain by intramolecular cyclization. Fmoc-Aeg(N3)-OH is a potential cornerstone for the construction of custom peptide nucleic acids (PNAs) and peptide synthesis.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7295 mL	13.6474 mL	27.2948 mL
5 mM	0.5459 mL	2.7295 mL	5.459 mL
10 mM	0.2729 mL	1.3647 mL	2.7295 mL
50 mM	0.0546 mL	0.2729 mL	0.5459 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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