

Fmoc-L-Tyr(2-azidoethyl)-OH

Chemical Properties

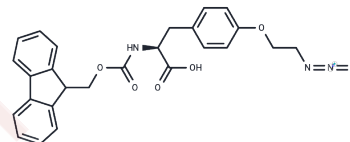
CAS No. : 1454816-10-4

Formula: C₂₆H₂₄N₄O₅

Molecular Weight: 472.49

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-L-Tyr(2-azidoethyl)-OH is a click chemistry reagent featuring an azido group. This synthetic derivative of tyrosine, protected by an Fmoc group, includes an azidoethyl substituent functioning as a reactive handle for dual orthogonal conjugation via Cu(I)-catalyzed 1,3-dipolar cycloaddition with alkynes. Additionally, the azido group can serve as an IR reporting molecule.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1164 mL	10.5822 mL	21.1645 mL
5 mM	0.4233 mL	2.1164 mL	4.2329 mL
10 mM	0.2116 mL	1.0582 mL	2.1164 mL
50 mM	0.0423 mL	0.2116 mL	0.4233 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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