

Fmoc-L-Dap(Pentynoyl)-OH

Chemical Properties

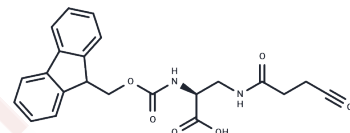
CAS No. : 2250436-47-4

Formula: C₂₃H₂₂N₂O₅

Molecular Weight: 406.43

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-Dap(Pentynoyl)-OH is a click chemistry reagent featuring an alkyne group, which facilitates the introduction of alkyne functionality into peptide sequences through standard Fmoc/tBu procedures. As an amino acid building block, this compound enables copper-catalyzed azide-alkyne cycloaddition (CuAAC) with azide-containing organic molecules or copper-free coupling reactions with tetrazines. The presence of the pentynoyl group allows for versatile applications in peptide synthesis and modification.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4604 mL	12.3022 mL	24.6045 mL
5 mM	0.4921 mL	2.4604 mL	4.9209 mL
10 mM	0.246 mL	1.2302 mL	2.4604 mL
50 mM	0.0492 mL	0.246 mL	0.4921 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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