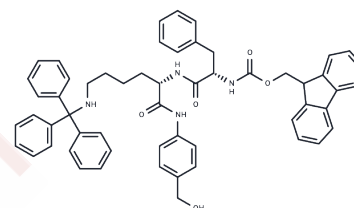


Fmoc-Phe-Lys(Trt)-PAB

Chemical Properties

CAS No. : 1116085-98-3
 Formula: C₅₆H₅₄N₄O₅
 Molecular Weight: 863.071
 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-Phe-Lys(Trt)-PAB is a cleavable linker utilized in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1587 mL	5.7933 mL	11.5865 mL
5 mM	0.2317 mL	1.1587 mL	2.3173 mL
10 mM	0.1159 mL	0.5793 mL	1.1587 mL
50 mM	0.0232 mL	0.1159 mL	0.2317 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.

Reference

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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