

Fmoc-NH-ethyl-SS-propionic NHS ester

Chemical Properties

CAS No. : 2128735-23-7

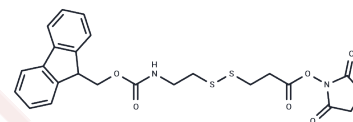
Formula: C₂₄H₂₄N₂O₆S₂

Molecular Weight: 500.59

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-NH-ethyl-SS-propionic NHS ester is a cleavable linker for antibody-drug conjugates (ADCs)[1], used in the synthesis of ADCs to facilitate the covalent attachment of drugs to antibodies through stable amide bond formation.
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-Drug Conjugates (ADCs) consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9976 mL	9.9882 mL	19.9764 mL
5 mM	0.3995 mL	1.9976 mL	3.9953 mL
10 mM	0.1998 mL	0.9988 mL	1.9976 mL
50 mM	0.040 mL	0.1998 mL	0.3995 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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