

Fmoc-Lys-OH hydrochloride

Chemical Properties

CAS No. : 139262-23-0

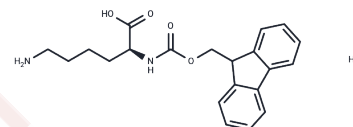
Formula: C₂₁H₂₅ClN₂O₄

Molecular Weight: 404.89

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-Lys-OH hydrochloride is an alkyl-chain-based PROTAC linker and a non-cleavable ADC linker utilized in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein[1]. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4698 mL	12.349 mL	24.6981 mL
5 mM	0.494 mL	2.4698 mL	4.9396 mL
10 mM	0.247 mL	1.2349 mL	2.4698 mL
50 mM	0.0494 mL	0.247 mL	0.494 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

Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27(8):998-985.

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481