

## Fmoc-Lys (biotin-PEG12)-OH

## Chemical Properties

CAS No. :

Formula: C58H91N5O19S

Molecular Weight: 1194.43

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 (biotin-PEG12)-OH is a PEGylation-based linker compound employed in PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands linked together, harness the ubiquitin-proteasome system to selectively degrade target proteins. One ligand targets an E3 ubiquitin ligase, while the other targets the specific protein for degradation [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8372 mL	4.1861 mL	8.3722 mL
5 mM	0.1674 mL	0.8372 mL	1.6744 mL
10 mM	0.0837 mL	0.4186 mL	0.8372 mL
50 mM	0.0167 mL	0.0837 mL	0.1674 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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