

Fmoc-NH-PEG25-CH₂CH₂COOH

Chemical Properties

CAS No. :

Formula: C₆₈H₁₁₇N₂O₂₉

Molecular Weight: 1412.65

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Fmoc-NH-PEG25-CH ₂ CH ₂ COOH, a PEG-based PROTAC linker, facilitates the synthesis of PROTACs[1].
Targets(IC50)	Others
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. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7079 mL	3.5394 mL	7.0789 mL
5 mM	0.1416 mL	0.7079 mL	1.4158 mL
10 mM	0.0708 mL	0.3539 mL	0.7079 mL
50 mM	0.0142 mL	0.0708 mL	0.1416 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.

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.

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