

Fmoc-NH-PEG10-acid

Chemical Properties

CAS No. : 2101563-45-3
Formula: C₃₈H₅₇NO₁₄
Molecular Weight: 751.86
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Fmoc-NH-PEG10-acid is a PEG-based PROTAC linker. Fmoc-NH-PEG10-acid can be used in the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two different ligands connected by a linker; one of them is a ligand for an E3 ubiquitin ligase and the other one 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	1.330 mL	6.6502 mL	13.3003 mL
5 mM	0.266 mL	1.330 mL	2.6601 mL
10 mM	0.133 mL	0.665 mL	1.330 mL
50 mM	0.0266 mL	0.133 mL	0.266 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481