

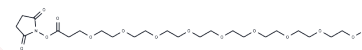
m-PEG9-NHS ester

Chemical Properties

CAS No. : 1316189-13-5

Formula: C₂₄H₄₃N₃O₁₃

Molecular Weight: 553.6



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	m-PEG8-CH ₂ CH ₂ -NHS ester is a PEG--based PROTAC linker can be used in the synthesis of PROTACs.
Targets(IC ₅₀)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. By harnessing the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8064 mL	9.0318 mL	18.0636 mL
5 mM	0.3613 mL	1.8064 mL	3.6127 mL
10 mM	0.1806 mL	0.9032 mL	1.8064 mL
50 mM	0.0361 mL	0.1806 mL	0.3613 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

Alexander Chucholowski, et al. Cyclodextrin conjugates. WO2010017328A2.

Satwik Kamtekar, et al. Modified biotin-binding proteins for immobilization. WO2019126734A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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