

m-PEG9-NHS ester

Chemical Properties

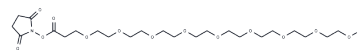
CAS No. : 1316189-13-5

Formula: C₂₄H₄₃NO₁₃

Molecular Weight: 553.6

Appearance: no data available

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



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
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.

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.

Reference

Alexander Chucholowski, et al. Cyclodextrin conjugates. WO2010017328A2.

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

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