

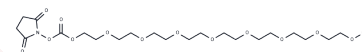
m-PEG8-succinimidyl carbonate

Chemical Properties

CAS No. : 1372860-04-2

Formula: C₂₂H₃₉N₃O₁₃

Molecular Weight: 525.54



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-succinimidyl carbonate is a polyethylene glycol (PEG)-derived linker specifically designed for the synthesis of PROteolysis TArgeting Chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase, and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9028 mL	9.514 mL	19.028 mL
5 mM	0.3806 mL	1.9028 mL	3.8056 mL
10 mM	0.1903 mL	0.9514 mL	1.9028 mL
50 mM	0.0381 mL	0.1903 mL	0.3806 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

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