

m-PEG3-succinimidyl carbonate

Chemical Properties

CAS No. : 477775-77-2

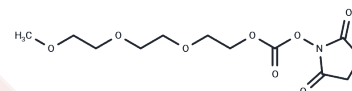
Formula: C₁₂H₁₉N₁O₈

Molecular Weight: 305.28

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-PEG3-succinimidyl carbonate is a polyethylene glycol (PEG)-based linker designed for synthesizing proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binding an E3 ubiquitin ligase and the other targeting a specific protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2757 mL	16.3784 mL	32.7568 mL
5 mM	0.6551 mL	3.2757 mL	6.5514 mL
10 mM	0.3276 mL	1.6378 mL	3.2757 mL
50 mM	0.0655 mL	0.3276 mL	0.6551 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

Miller MA, et al. Amphiphilic conjugates of human brain natriuretic peptide designed for oral delivery: in vitro activity screening. Bioconjug Chem. 2006 Mar-Apr;17(2):267-74.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481