

m-PEG7-NHS ester

Chemical Properties

CAS No. : 874208-92-1

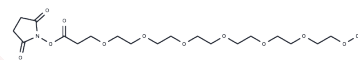
Formula: C₂₀H₃₅N₁₁O₁₁

Molecular Weight: 465.49

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-PEG7-NHS ester is a PEG-based linker for PROTACs, essential for joining two ligands crucial in forming PROTAC molecules. This linker facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector; one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1483 mL	10.7414 mL	21.4827 mL
5 mM	0.4297 mL	2.1483 mL	4.2965 mL
10 mM	0.2148 mL	1.0741 mL	2.1483 mL
50 mM	0.043 mL	0.2148 mL	0.4297 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

Lepage ML, et al. Design, synthesis and photochemical properties of the first examples of iminosugar clusters based on fluorescent cores. Beilstein J Org Chem. 2015 May 6;11:659-67.

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