

## NHS-PEG4-(m-PEG12)3-ester

## Chemical Properties

CAS No. :

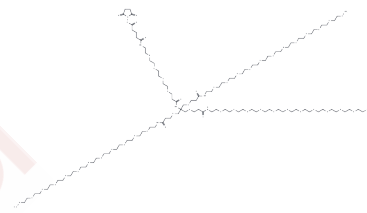
Formula: C108H206N6O52

Molecular Weight: 2420.8

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	NHS-PEG4-(m-PEG12)3-ester is a polyethylene glycol (PEG)-based linker used for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two ligands connected by a linker—one for an E3 ubiquitin ligase and one for the target protein—exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4131 mL	2.0654 mL	4.1309 mL
5 mM	0.0826 mL	0.4131 mL	0.8262 mL
10 mM	0.0413 mL	0.2065 mL	0.4131 mL
50 mM	0.0083 mL	0.0413 mL	0.0826 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**

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