

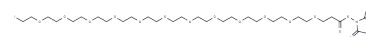
## Iodo-PEG12-NHS ester

## Chemical Properties

CAS No. :

Formula: C31H56INO16

Molecular Weight: 825.68



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	Iodo-PEG12-NHS ester is a PEG-based linker for PROTACs that connects two key ligands, essential for the formation of PROTAC molecules, facilitating selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. These compounds harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2111 mL	6.0556 mL	12.1112 mL
5 mM	0.2422 mL	1.2111 mL	2.4222 mL
10 mM	0.1211 mL	0.6056 mL	1.2111 mL
50 mM	0.0242 mL	0.1211 mL	0.2422 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.

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