

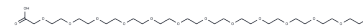
HO-PEG12-CH<sub>2</sub>COOH

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>52</sub>O<sub>15</sub>

Molecular Weight: 604.68



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	HO-PEG12-CH <sub>2</sub> COOH is a PEG-based linker for PROTACs [Proteolysis Targeting Chimeras] that joins two essential ligands, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two distinct ligands linked together—one binding to an E3 ubiquitin ligase and the other to the target protein—to harness the intracellular ubiquitin-proteasome system for the selective degradation of target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6538 mL	8.2688 mL	16.5377 mL
5 mM	0.3308 mL	1.6538 mL	3.3075 mL
10 mM	0.1654 mL	0.8269 mL	1.6538 mL
50 mM	0.0331 mL	0.1654 mL	0.3308 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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