

## Acid-C2-PEG3-NHS ester

## Chemical Properties

CAS No. : 1835759-79-9

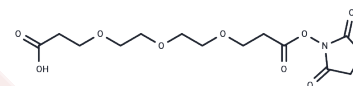
Formula: C<sub>14</sub>H<sub>21</sub>N<sub>1</sub>O<sub>9</sub>

Molecular Weight: 347.32

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	Acid-C2-PEG3-NHS ester is a PEG-based linker for PROTACs, joining two essential ligands crucial for PROTAC formation, enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8792 mL	14.3959 mL	28.7919 mL
5 mM	0.5758 mL	2.8792 mL	5.7584 mL
10 mM	0.2879 mL	1.4396 mL	2.8792 mL
50 mM	0.0576 mL	0.2879 mL	0.5758 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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