

PEG3-O-CH<sub>2</sub>COOH

## Chemical Properties

CAS No. :	51951-05-4
Formula:	C <sub>8</sub> H <sub>16</sub> O <sub>6</sub>
Molecular Weight:	208.209
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	PEG3-O-CH <sub>2</sub> COOH (PROTAC Linker 8) is a PEG-based linker utilized in the synthesis of SNIPERs.
Targets(IC <sub>50</sub> )	PROTAC Linker
In vitro	PEG3-O-CH <sub>2</sub> COOH (Compound 15b) is a PROTAC linker utilized in synthesizing SNIPER (ER)s, which recruit inhibitors of the apoptosis protein (IAP) ubiquitin ligases to selectively degrade targeted proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8028 mL	24.0142 mL	48.0284 mL
5 mM	0.9606 mL	4.8028 mL	9.6057 mL
10 mM	0.4803 mL	2.4014 mL	4.8028 mL
50 mM	0.0961 mL	0.4803 mL	0.9606 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

Ohoka N, et al. In Vivo Knockdown of Pathogenic Proteins via Specific and Nongenetic Inhibitor of Apoptosis Protein (IAP)-dependent Protein Erasers (SNIPERs). J Biol Chem. 2017 Mar 17;292(11):4556-4570.

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