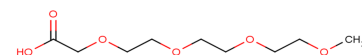


m-PEG3-CH₂COOH

Chemical Properties

CAS No.:	16024-60-5
Formula:	C ₉ H ₁₈ O ₆
Molecular Weight:	222.24
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	m-PEG3-CH ₂ COOH is a PEG-based based PROTAC linker can be used in the synthesis of PROTACs.
Targets(IC ₅₀)	PEGs: None
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5 mL	22.498 mL	44.996 mL
5 mM	0.9 mL	4.5 mL	8.999 mL
10 mM	0.45 mL	2.25 mL	4.5 mL
50 mM	0.09 mL	0.45 mL	0.9 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Chen X, et al. Histidine-Specific Peptide Modification via Visible-Light-Promoted C-H Alkylation. J Am Chem Soc. 2019 Nov 13;141(45):18230-18237.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481