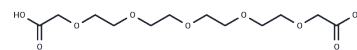


HOOCCH₂O-PEG₄-CH₂COOH

Chemical Properties

CAS No. : 77855-75-5
Formula: C₁₂H₂₂O₉
Molecular Weight: 310.3
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	HOOCCH ₂ O-PEG ₄ -CH ₂ COOH (compound 5), is a symmetric polyethylene glycol (PEG) linker. It is primarily utilized in the synthesis of the initial Homo-PROTAC[1] compound.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2227 mL	16.1134 mL	32.2269 mL
5 mM	0.6445 mL	3.2227 mL	6.4454 mL
10 mM	0.3223 mL	1.6113 mL	3.2227 mL
50 mM	0.0645 mL	0.3223 mL	0.6445 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.

Reference

Maniaci C, et al. Homo-PROTACs: bivalent small-molecule dimerizers of the VHL E3 ubiquitin ligase to induce self-degradation. Nat Commun. 2017 Oct 10;8(1):830.

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