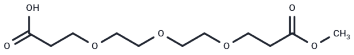
Data Sheet (Cat.No.T14102)

TargetMol

Acid-PEG3-mono-methyl ester

Chemical Properties



CAS No. : 1807505-26-5

Formula: C11H20O7

Molecular Weight: 264.27

Storage: Keep away from direct sunlight
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-PEG3-mono-methyl ester, an alkyl/ether-based PROTAC linker, facilitates the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one that binds to an E3 ubiquitin ligase and another that binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.784 mL	18.920 mL	37.8401 mL
5 mM	0.7568 mL	3.784 mL	7.568 mL
10 mM	0.3784 mL	1.892 mL	3.784 mL
50 mM	0.0757 mL	0.3784 mL	0.7568 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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