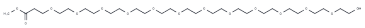
Data Sheet (Cat.No.T16046)

TargetMol

Methyl propionate-PEG12

Chemical Properties



CAS No. : 1239588-11-4

Formula: C28H56O15

Molecular Weight: 632.74

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	Methyl propionate-PEG12, a PEG-based PROTAC linker, is utilized for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to a target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5804 mL	7.9021 mL	15.8043 mL
5 mM	0.3161 mL	1.5804 mL	3.1609 mL
10 mM	0.158 mL	0.7902 mL	1.5804 mL
50 mM	0.0316 mL	0.158 mL	0.3161 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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