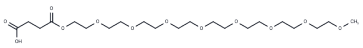
Data Sheet (Cat.No.T18221)

TargetMol

m-PEG8-ethoxycarbonyl-propanoic acid

Chemical Properties



CAS No. : 2353409-75-1

Formula: C21H40O12

Molecular Weight: 484.54

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	m-PEG8-ethoxycarbonyl-propanoic acid, a PEG-derived PROTAC linker, is employed for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs incorporate two ligands linked by a connector, with one binding to an E3 ubiquitin ligase and the other targeting a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0638 mL	10.3191 mL	20.6381 mL
5 mM	0.4128 mL	2.0638 mL	4.1276 mL
10 mM	0.2064 mL	1.0319 mL	2.0638 mL
50 mM	0.0413 mL	0.2064 mL	0.4128 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481