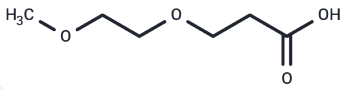
Data Sheet (Cat.No.T15841)

TargetMol

m-PEG2-acid

Chemical Properties



CAS No. : 149577-05-9

Formula: C6H12O4

Molecular Weight: 148.16

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-PEG2-acid is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker; one binds to an E3 ubiquitin ligase and the other to the target protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [PROTACs].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7495 mL	33.7473 mL	67.4946 mL
5 mM	1.3499 mL	6.7495 mL	13.4989 mL
10 mM	0.6749 mL	3.3747 mL	6.7495 mL
50 mM	0.135 mL	0.6749 mL	1.3499 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

Lepage ML, et al. Design, synthesis and photochemical properties of the first examples of iminosugar clustersbased on fluorescent cores. Beilstein J Org Chem. 2015 May 6;11:659-67.

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