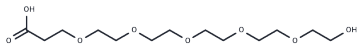
Data Sheet (Cat.No.T39483)

TargetMol

Hydroxy-PEG5-acid

Chemical Properties



CAS No. : 2079768-50-4

Formula: C13H26O8

Molecular Weight: 310.34

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	Hydroxy-PEG5-acid is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules. This linker facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the protein of interest. By leveraging the intracellular ubiquitin-proteasome system, PROTACs specifically degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2223 mL	16.1114 mL	32.2227 mL
5 mM	0.6445 mL	3.2223 mL	6.4445 mL
10 mM	0.3222 mL	1.6111 mL	3.2223 mL
50 mM	0.0644 mL	0.3222 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.

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