Data Sheet (Cat.No.T18163)

TargetMol

m-PEG23-alcohol

Chemical Properties

CAS No. :

Formula: C47H96O24

Molecular Weight: 1045.25

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-PEG23-alcohol (PEG-based linker for PROTACs) joins two essential ligands, crucial for forming PROTAC molecules, and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a (linker); one targets an E3 ubiquitin ligase and the other binds the target protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9567 mL	4.7835 mL	9.5671 mL
5 mM	0.1913 mL	0.9567 mL	1.9134 mL
10 mM	0.0957 mL	0.4784 mL	0.9567 mL
50 mM	0.0191 mL	0.0957 mL	0.1913 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