Data Sheet (Cat.No.T18119)

TargetMol

m-PEG10-Br

Chemical Properties

CAS No. :

Formula: C21H43BrO10

Molecular Weight: 535.46

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-PEG10-Br, a PEG-based linker for PROTACs, connects two essential ligands crucial for forming PROTAC molecules, thereby enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker; one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8676 mL	9.3378 mL	18.6755 mL
5 mM	0.3735 mL	1.8676 mL	3.7351 mL
10 mM	0.1868 mL	0.9338 mL	1.8676 mL
50 mM	0.0374 mL	0.1868 mL	0.3735 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