Data Sheet (Cat.No.T18215)

TargetMol

m-PEG7-Br

Chemical Properties

CAS No. : 104518-25-4

Formula: C15H31BrO7

Molecular Weight: 403.31

Storage: Keep away from direct sunlight
Pure form: -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-PEG7-Br is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs utilize two distinct ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4795 mL	12.3974 mL	24.7948 mL
5 mM	0.4959 mL	2.4795 mL	4.959 mL
10 mM	0.2479 mL	1.2397 mL	2.4795 mL
50 mM	0.0496 mL	0.2479 mL	0.4959 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.

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