Data Sheet (Cat.No.T18153)

TargetMol

m-PEG16-Br

Chemical Properties

CAS No. : 1238189-11-1

Formula: C33H67BrO16

Molecular Weight: 799.78

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-PEG16-Br is a PEG-based PROTAC linker used in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker—one ligand targets an E3 ubiquitin ligase, while the other binds the specific target protein. This structure leverages the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2503 mL	6.2517 mL	12.5034 mL
5 mM	0.2501 mL	1.2503 mL	2.5007 mL
10 mM	0.125 mL	0.6252 mL	1.2503 mL
50 mM	0.025 mL	0.125 mL	0.2501 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