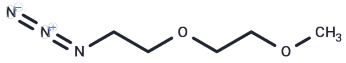
Data Sheet (Cat.No.T15844)

TargetMol

m-PEG2-azide

Chemical Properties



CAS No. : 215181-61-6

Formula: C5H11N3O2

Molecular Weight: 145.16

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-PEG2-azide, a PEG-based PROTAC linker, is utilized in the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.889 mL	34.4448 mL	68.8895 mL
5 mM	1.3778 mL	6.889 mL	13.7779 mL
10 mM	0.6889 mL	3.4445 mL	6.889 mL
50 mM	0.1378 mL	0.6889 mL	1.3778 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

Lepage ML, et al. Design, synthesis and photochemical properties of the first examples of iminosugar clustersbased on fluorescent cores. Beilstein J Org Chem. 2015 May 6;11:659-67.

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