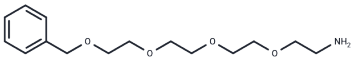
Data Sheet (Cat.No.T40983)

TargetMol

Benzyl-PEG4-amine

Chemical Properties



CAS No. : 86770-76-5

Formula: C15H25NO4

Molecular Weight: 283.36

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	Benzyl-PEG4-amine, a PEG-based linker for PROTACs, connects two essential ligands necessary for forming PROTAC molecules, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which consist of two distinct ligands joined by a linker, utilize the ubiquitin-proteasome pathway to selectively degrade target proteins; one ligand binds to an E3 ubiquitin ligase, while the other targets the protein to be degraded [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5291 mL	17.6454 mL	35.2908 mL
5 mM	0.7058 mL	3.5291 mL	7.0582 mL
10 mM	0.3529 mL	1.7645 mL	3.5291 mL
50 mM	0.0706 mL	0.3529 mL	0.7058 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