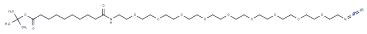
Data Sheet (Cat.No.T17474)

TargetMol

Azide-PEG9-amido-C8-Boc

Chemical Properties



CAS No. :

Formula: C34H66N4O12

Molecular Weight: 722.91

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	Azide-PEG9-amido-C8-Boc is a polyethylene glycol (PEG) derived linker compound used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, while the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3833 mL	6.9165 mL	13.833 mL
5 mM	0.2767 mL	1.3833 mL	2.7666 mL
10 mM	0.1383 mL	0.6916 mL	1.3833 mL
50 mM	0.0277 mL	0.1383 mL	0.2767 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