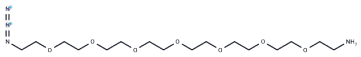
Data Sheet (Cat.No.T14475)

TargetMol

Azido-PEG7-amine

Chemical Properties



CAS No. : 1333154-77-0

Formula: C16H34N4O7

Molecular Weight: 394.46

Storage: Store at low temperature
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	Azido-PEG7-amine is a non-cleavable ADC linker and PEG-based PROTAC linker that can be used to synthesise antibody-drug conjugates (ADCs) and PROTACs. It can undergo click chemistry reactions with molecules containing alkyne, DBCO or BCN groups.
Targets(IC50)	ADC Linker,PROTAC Linker

Solubility Information

Solubility	H2O: 80 mg/mL (202.81 mM),Sonication is recommended. DMSO: 80 mg/mL (202.81 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (8.37 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5351 mL	12.6756 mL	25.3511 mL
5 mM	0.507 mL	2.5351 mL	5.0702 mL
10 mM	0.2535 mL	1.2676 mL	2.5351 mL
50 mM	0.0507 mL	0.2535 mL	0.507 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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