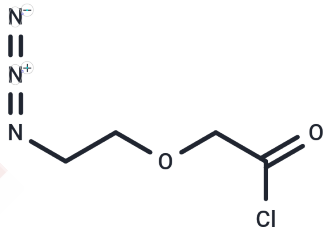
Data Sheet (Cat.No.T17477)

TargetMol

Azido-PEG1-CH2COO-Cl

Chemical Properties



CAS No. : 79598-49-5

Formula: C4H6ClN3O2

Molecular Weight: 163.56

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	Azido-PEG1-CH2COO-Cl (compound 43a) is an alkyl/ether-based PROTAC linker commonly used in the synthesis of PROTAC BRD4 Degrader-1[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTAC BRD4 Degrader-1 is a potent degrader of BRD4, demonstrating high efficiency with an IC50 value of 41.8 nM targeted against BRD4 BD1. This compound effectively degrades the BRD4 protein and inhibits c-Myc expression[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.114 mL	30.5698 mL	61.1396 mL
5 mM	1.2228 mL	6.114 mL	12.2279 mL
10 mM	0.6114 mL	3.057 mL	6.114 mL
50 mM	0.1223 mL	0.6114 mL	1.2228 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

Zhang F, et al. Discovery of a new class of PROTAC BRD4 degraders based on a dihydroquinazolinone derivative and lenalidomide/pomalidomide.Bioorg Med Chem. 2020 Jan 1;28(1):115228.

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