

Azido-PEG1

Chemical Properties

CAS No. : 1517-05-1

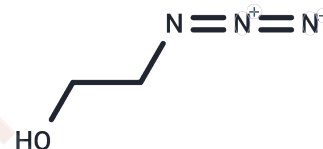
Formula: C₂H₅N₃O

Molecular Weight: 87.08

Keep away from moisture

Storage: 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 is a PEG-like PROTAC linker for the synthesis of PROTAC molecules. Azido-PEG1 contains an Azide moiety and can undergo click chemistry reaction CuAAC with molecules containing an Alkyne moiety or SPAAC with molecules containing a DBCO or BCN moiety.
Targets(IC50)	PROTAC Linker

Solubility Information

Solubility	DMSO: 80 mg/mL (918.7 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.4837 mL	57.4185 mL	114.8369 mL
5 mM	2.2967 mL	11.4837 mL	22.9674 mL
10 mM	1.1484 mL	5.7418 mL	11.4837 mL
50 mM	0.2297 mL	1.1484 mL	2.2967 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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