

Azido-PEG1-azide

Chemical Properties

CAS No. : 24345-74-2

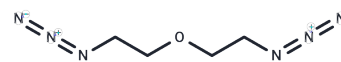
Formula: C₄H₈N₆O

Molecular Weight: 156.15

Keep away from direct sunlight

Storage: Pure form: -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-azide, a PEG-based PROTAC linker, is utilized in the synthesis of PROTACs (Proteolysis Targeting Chimeras).
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system for the selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4041 mL	32.0205 mL	64.041 mL
5 mM	1.2808 mL	6.4041 mL	12.8082 mL
10 mM	0.6404 mL	3.202 mL	6.4041 mL
50 mM	0.1281 mL	0.6404 mL	1.2808 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481