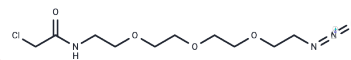


Azido-PEG3-chloroacetamide

Chemical Properties

CAS No. :	604766-23-6
Formula:	C10H19ClN4O4
Molecular Weight:	294.74
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Azido-PEG3-chloroacetamide is a polyethylene glycol (PEG)-based linker. It serves as a crucial component in the synthesis of proteolysis-targeting chimeras (PROTACs), facilitating efficient conjugation between target protein-recruiting ligands and E3 ubiquitin ligase binders.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands connected by a linker—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3928 mL	16.9641 mL	33.9282 mL
5 mM	0.6786 mL	3.3928 mL	6.7856 mL
10 mM	0.3393 mL	1.6964 mL	3.3928 mL
50 mM	0.0679 mL	0.3393 mL	0.6786 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