Data Sheet (Cat.No.T38661)

TargetMol

NH2-PEG3-C6-Cl

Chemical Properties

CAS No. : 1261350-60-0

Formula: C12H26ClNO3

Molecular Weight: 267.79

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	NH2-PEG3-C6-Cl, a PEG-based linker for PROTACs, connects two essential ligands critical for forming PROTAC molecules. This linker facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together; one ligand binds to an E3 ubiquitin ligase, while the other targets the specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7343 mL	18.6713 mL	37.3427 mL
5 mM	0.7469 mL	3.7343 mL	7.4685 mL
10 mM	0.3734 mL	1.8671 mL	3.7343 mL
50 mM	0.0747 mL	0.3734 mL	0.7469 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

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