

## TCO-C3-PEG3-C3-amine

## Chemical Properties

CAS No. : 2028288-77-7

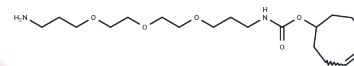
Formula: C19H36N2O5

Molecular Weight: 372.506

Keep away from direct sunlight

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	TCO-C3-PEG3-C3-amine is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which consist of two ligands joined by a linker (one ligand for an E3 ubiquitin ligase and the other for the target protein), utilize the intracellular ubiquitin-proteasome system to selectively degrade specific target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6845 mL	13.4225 mL	26.8449 mL
5 mM	0.5369 mL	2.6845 mL	5.369 mL
10 mM	0.2684 mL	1.3422 mL	2.6845 mL
50 mM	0.0537 mL	0.2684 mL	0.5369 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