# Data Sheet (Cat.No.T17415)



## Amino-PEG16-acid

operties

CAS NO		
Formula:	C35H71NO18	
Molecular Weight:	793.93	for the second s
Appearance: 🦲	no data available	
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year	

<b>Biological Description</b>	
Description	Amino-PEG16-acid is a PEG-based linker for PROTACs which 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
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2596 mL	6.2978 mL	12.5956 mL
5 mM	0.2519 mL	1.2596 mL	2.5191 mL
10 mM	0.126 mL	0.6298 mL	1.2596 mL
50 mM	0.0252 mL	0.126 mL	0.2519 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.

### 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:36 Washington Street,Wellesley Hills,MA 02481