# Data Sheet (Cat.No.T16246)



# N-(Propargyl-PEG2)-N-Boc-PEG3-t-butyl ester

#### **Chemical Properties**

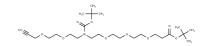
CAS No.: 2093152-78-2

Formula: C25H45NO9

Molecular Weight: 503.63

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### **Biological Description**

Description	N-(Propargyl-PEG2)-N-Boc-PEG3-t-butyl ester is a polyethylene glycol (PEG)-based linker employed for the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
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	1.9856 mL	9.9279 mL	19.8558 mL	
5 mM	0.3971 mL	1.9856 mL	3.9712 mL	
10 mM	0.1986 mL	0.9928 mL	1.9856 mL	
50 mM	0.0397 mL	0.1986 mL	0.3971 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

Page 1 of 1 www.targetmol.com