

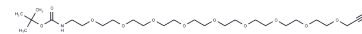
## Boc-NH-PEG9-propargyl

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>49</sub>N<sub>3</sub>O<sub>11</sub>

Molecular Weight: 551.67



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	Boc-NH-PEG9-propargyl is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the selective protein degradation using the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together; one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8127 mL	9.0634 mL	18.1268 mL
5 mM	0.3625 mL	1.8127 mL	3.6254 mL
10 mM	0.1813 mL	0.9063 mL	1.8127 mL
50 mM	0.0363 mL	0.1813 mL	0.3625 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