# Data Sheet (Cat.No.T17641)



# Boc-aminooxy-amide-PEG4-propargyl

## **Chemical Properties**

CAS No.: 2253965-01-2 Formula: C18H32N2O8

Molecular Weight: 404.46

Appearance: no data available

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

# **Biological Description**

Description	Boc-aminooxy-amide-PEG4-propargyl is a non-cleavable 4-unit polyethylene glycol (PEG) linker, commonly employed in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	Others
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

### **Preparing Stock Solutions**

90	1mg	5mg	10mg	
1 mM	2.4724 mL	12.3 <mark>622 mL</mark>	24.7243 mL	
5 mM	0.4945 mL	2.4724 mL	4.9449 mL	
10 mM	0.2472 mL	1.2362 mL	2.4724 mL	
50 mM	0.0494 mL	0.2472 mL	0.4945 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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