

## t-Boc-Aminoxy-PEG4-NHS ester

## Chemical Properties

CAS No. : 2401831-99-8

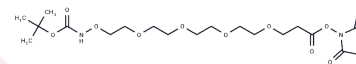
Formula: C<sub>20</sub>H<sub>34</sub>N<sub>2</sub>O<sub>11</sub>

Molecular Weight: 478.49

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	t-Boc-Aminoxy-PEG4-NHS ester is a polyethylene glycol (PEG) derivative that functions as a linker for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They harness the intracellular ubiquitin-proteasome system to specifically degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0899 mL	10.4495 mL	20.8991 mL
5 mM	0.418 mL	2.0899 mL	4.1798 mL
10 mM	0.209 mL	1.045 mL	2.0899 mL
50 mM	0.0418 mL	0.209 mL	0.418 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

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