

## t-Boc-Aminoxy-PEG12-NHS ester

## Chemical Properties

CAS No. :

Formula: C36H66N2O19

Molecular Weight: 830.91



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-PEG12-NHS ester, a polyethylene glycol (PEG) derived PROTAC linker, is specifically designed for the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one targeting an E3 ubiquitin ligase and the other binding to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2035 mL	6.0175 mL	12.035 mL
5 mM	0.2407 mL	1.2035 mL	2.407 mL
10 mM	0.1203 mL	0.6017 mL	1.2035 mL
50 mM	0.0241 mL	0.1203 mL	0.2407 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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