

t-Boc-Aminooxy-PEG12-acid

Chemical Properties

CAS No. :

Formula: C32H63NO17

Molecular Weight: 733.84

Appearance: no data available

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



Biological Description

Description	t-Boc-Aminooxy-PEG12-acid is a polyethylene glycol (PEG)-based PROTAC linker, utilized for synthesizing 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	1.3627 mL	6.8135 mL	13.6269 mL
5 mM	0.2725 mL	1.3627 mL	2.7254 mL
10 mM	0.1363 mL	0.6813 mL	1.3627 mL
50 mM	0.0273 mL	0.1363 mL	0.2725 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

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