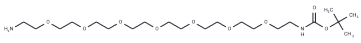
Data Sheet (Cat.No.T14756)

TargetMol

Boc-NH-PEG7-NH2

Chemical Properties



CAS No. : 206265-98-7

Formula: C21H44N2O9

Molecular Weight: 468.58

Storage: Keep away from direct sunlight
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-PEG7-NH2 is a PEG-based PROTAC linker.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs, or proteolysis-targeting chimeras, are composed of two distinct ligands joined by a linker. One of these ligands binds to a specific protein target, while the other binds to an E3 ubiquitin ligase. When the PROTAC binds to both the target protein and the E3 ligase, it triggers the ubiquitin-proteasome system within cells to degrade the target protein, thereby providing a mechanism for targeted protein degradation.

Solubility Information

Solubility	DMSO: 250 mg/mL (533.53 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1341 mL	10.6705 mL	21.3411 mL
5 mM	0.4268 mL	2.1341 mL	4.2682 mL
10 mM	0.2134 mL	1.0671 mL	2.1341 mL
50 mM	0.0427 mL	0.2134 mL	0.4268 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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