

## Tos-PEG3-NH-Boc

## Chemical Properties

CAS No. :	206265-94-3
Formula:	C <sub>18</sub> H <sub>29</sub> N <sub>0</sub> O <sub>7</sub> S
Molecular Weight:	403.49
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Tos-PEG3-NH-Boc (PROTAC Linker 9) is a PEG-based linker used in the synthesis of PROTACs, which connects a target protein with an E3 ubiquitin ligase to promote the target protein's degradation.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs feature two distinct ligands linked together: one ligand binds to an E3 ubiquitin ligase, while the other binds 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	2.4784 mL	12.3919 mL	24.7838 mL
5 mM	0.4957 mL	2.4784 mL	4.9568 mL
10 mM	0.2478 mL	1.2392 mL	2.4784 mL
50 mM	0.0496 mL	0.2478 mL	0.4957 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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