

Boc-NH-PEG7-Tos

Chemical Properties

CAS No. : 1292268-14-4

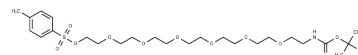
Formula: C₂₆H₄₅NO₁₁S

Molecular Weight: 579.7

Keep away from direct sunlight

Storage: Pure form: -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-Tos (t-Boc-N-Amido-PEG7-Tos) is a PEG-based PROTAC linker that can be used in PROTAC synthesis. |
| Targets(IC50) | PROTAC Linker |
| In vitro | PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to specifically degrade target proteins [1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.725 mL | 8.6252 mL | 17.2503 mL |
| 5 mM | 0.345 mL | 1.725 mL | 3.4501 mL |
| 10 mM | 0.1725 mL | 0.8625 mL | 1.725 mL |
| 50 mM | 0.0345 mL | 0.1725 mL | 0.345 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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