

Ms-PEG8-Boc

Chemical Properties

CAS No. : 2097604-01-6

Formula: C₂₄H₄₈O₁₃S

Molecular Weight: 576.7

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	Ms-PEG8-Boc is a PEG-based linker for PROTACs that connects two essential ligands, facilitating selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade specific proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.734 mL	8.670 mL	17.340 mL
5 mM	0.3468 mL	1.734 mL	3.468 mL
10 mM	0.1734 mL	0.867 mL	1.734 mL
50 mM	0.0347 mL	0.1734 mL	0.3468 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481