



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Acid-PEG4-C2-Boc

Chemical Properties

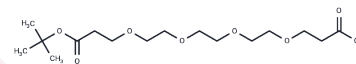
CAS No. : 1835759-85-7

Formula: C₁₆H₃₀O₈

Molecular Weight: 350.4

Appearance: no data available

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



Biological Description

Description	Acid-PEG4-C2-Boc, a linker compound based on polyethylene glycol (PEG) and alkyl/ether, is utilized in the synthesis of PROteolysis TARgeting Chimeras (PROTACs) for inhibiting the mechanistic Target of Rapamycin (mTOR)[1].
Targets(IC50)	Others
In vitro	PROTACs comprise two distinct ligands linked together: one targeting an E3 ubiquitin ligase and the other targeting a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8539 mL	14.2694 mL	28.5388 mL
5 mM	0.5708 mL	2.8539 mL	5.7078 mL
10 mM	0.2854 mL	1.4269 mL	2.8539 mL
50 mM	0.0571 mL	0.2854 mL	0.5708 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

Jennifer PITZEN , et al. C40-, c28-, and c-32-linked rapamycin analogs as mtor inhibitors. WO2019212990A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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