

Amino-PEG4-benzyl ester

Chemical Properties

CAS No. : 1351397-21-1

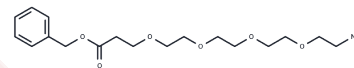
Formula: C₁₈H₂₉N₁O₆

Molecular Weight: 355.43

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	Amino-PEG4-benzyl ester, a PEG- and Alkyl/ether-based PROTAC linker, serves as a valuable component for the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked by a connector; one ligand binds to an E3 ubiquitin ligase, while the other targets the specific protein. Utilizing the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8135 mL	14.0675 mL	28.1349 mL
5 mM	0.5627 mL	2.8135 mL	5.627 mL
10 mM	0.2813 mL	1.4067 mL	2.8135 mL
50 mM	0.0563 mL	0.2813 mL	0.5627 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

Byung Chul Lee, et al. Synthesis and biological evaluation of RGD peptides with the 99mTc/188Re chelated iminodiacetate core: highly enhanced uptake and excretion kinetics of theranostics against tumor angiogenesis. RSC Advances, 2013, 3, 782.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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