

NH2-C4-NH-Boc-d8

Chemical Properties

CAS No. :	2102057-88-3
Formula:	C ₉ H ₂₀ N ₂ O ₂
Molecular Weight:	196.32
Storage:	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	NH2-C4-NH-Boc-d8 is a deuterium-labeled version of NH2-C4-NH-Boc. NH2-C4-NH-Boc (compound 15) functions as a PROTAC linker and belongs to the Alkyl/ether category. It is used in synthesizing various PROTAC molecules, which consist of two distinct ligands connected by a linker: one ligand targets the E3 ubiquitin ligase, while the other targets the protein of interest. PROTAC molecules exploit the ubiquitin-proteasome system within cells to selectively degrade target proteins.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0937 mL	25.4686 mL	50.9372 mL
5 mM	1.0187 mL	5.0937 mL	10.1874 mL
10 mM	0.5094 mL	2.5469 mL	5.0937 mL
50 mM	0.1019 mL	0.5094 mL	1.0187 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.

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