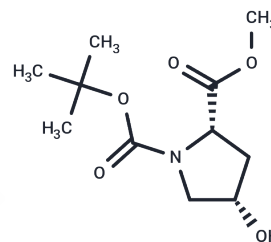


## N-Boc-4-hydroxy-L-proline methyl ester

## Chemical Properties

CAS No. :	102195-79-9
Formula:	C <sub>11</sub> H <sub>19</sub> NO <sub>5</sub>
Molecular Weight:	245.27
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	N-Boc-cis-4-hydroxy-L-proline methyl ester serves as a non-cleavable linker in antibody-drug conjugate (ADC) synthesis and functions as an alkyl chain-based PROTAC linker for PROTAC construction [2].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to a cytotoxin via an ADC linker, enabling them to deliver cytotoxic agents to specific cells [1]. PROTACs are bifunctional molecules with two ligands connected by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein, leveraging the cell's ubiquitin-proteasome system for the selective degradation of target proteins [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0771 mL	20.3857 mL	40.7714 mL
5 mM	0.8154 mL	4.0771 mL	8.1543 mL
10 mM	0.4077 mL	2.0386 mL	4.0771 mL
50 mM	0.0815 mL	0.4077 mL	0.8154 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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