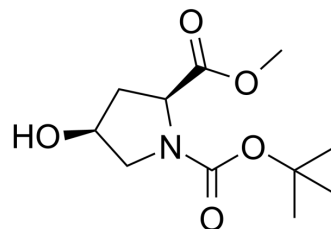


N-Boc-4-hydroxy-L-proline methyl ester

Cat. No.:	HY-Y0755		
CAS No.:	102195-79-9		
Molecular Formula:	C ₁₁ H ₁₉ NO ₅		
Molecular Weight:	245.27		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	N-Boc-cis-4-hydroxy-L-proline methyl ester is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). N-Boc-cis-4-hydroxy-L-proline methyl ester is also a alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs[2]
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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