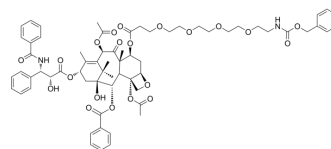


7-O-(Cbz-N-amido-PEG4)-paclitaxel

Cat. No.:	HY-141148
Molecular Formula:	C ₆₆ H ₇₈ N ₂ O ₂₁
Molecular Weight:	1235.33
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	7-O-(Cbz-N-amido-PEG4)-paclitaxel is a PEG-class Drug-linker conjugates for ADC, containing a paclitaxel moiety and a amino group. The amine group is reactive with carboxylic acids, activated NHS esters, carbonyls (ketone, aldehyde) etc. 7-O-(Cbz-N-amido-PEG4)-paclitaxel can be used in the synthesis of Antibody-Drug Conjugates (ADCs) ^[1] .
IC₅₀ & Target	PEGs
In Vitro	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 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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

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