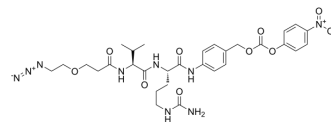


## Azido-PEG1-Val-Cit-PABC-PNP

Cat. No.:	HY-136105
Molecular Formula:	C <sub>30</sub> H <sub>39</sub> N <sub>9</sub> O <sub>10</sub>
Molecular Weight:	685.68
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Azido-PEG1-Val-Cit-PABC-PNP is a cleavable 1 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) [1]. Azido-PEG1-Val-Cit-PABC-PNP is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.	
IC <sub>50</sub> & Target	Protease Cleavable Linker	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

### REFERENCES

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA