DBCO-(PEG2-Val-Cit-PAB)2

Cat. No.: HY-126676

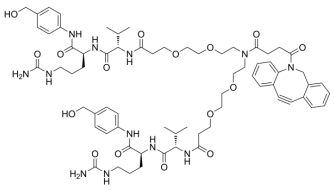
Molecular Formula: $C_{69}H_{94}N_{12}O_{16}$

Molecular Weight: 1347.56

Target: ADC Linker; PROTAC Linkers

Pathway: Antibody-drug Conjugate/ADC Related; PROTAC

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DBCO-(PEG2-Val-Cit-PAB)2 is a dual cleavable ADC linker for antibody-drug conjugates (ADCs). DBCO-(PEG2-Val-Cit-PAB)2 is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs. DBCO-(PEG2-Val-Cit-PAB)2 is a click chemistry reagent, it contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups.			
IC_{50} & Target	Cleavable Linker	Protease Cleavable Linker	Alkyl/ether	PEGs
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. 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. 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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