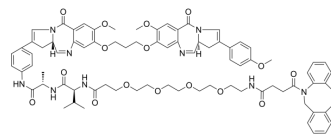


DBCO-PEG4-VA-PBD

Cat. No.:	HY-133433
CAS No.:	2241644-09-5
Molecular Formula:	C ₈₀ H ₈₇ N ₉ O ₁₆
Molecular Weight:	1430.6
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-80°C, stored under nitrogen



BIOLOGICAL ACTIVITY

Description	DBCO-PEG4-VA-PBD is a agent-linker conjugate for ADC by using the antitumor antibiotic, Pyrrolobenzodiazepine (PBD), linked via DBCO-PEG4-VA ^[1] . DBCO-PEG4-VA-PBD 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	Traditional Cytotoxic Agents
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.

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