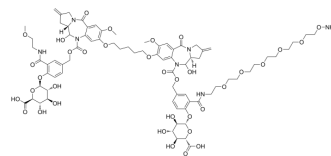


β-Glucuronide-dPBD-PEG5-NH2

Cat. No.:	HY-145736
CAS No.:	2246363-68-6
Molecular Formula:	C ₇₈ H ₁₀₁ N ₇ O ₃₅
Molecular Weight:	1696.66
Target:	Drug-Linker Conjugates for ADC; Apoptosis
Pathway:	Antibody-drug Conjugate/ADC Related; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	β-Glucuronide-dPBD-PEG5-NH2 is the β-glucuronide-linked pyrrolobenzodiazepine dimer, which binds to the prenylated antibody for synthesis of antibody-drug conjugate (ADC) cIRCRC201-dPBD. β-glucuronide-linkage as a cleavable linker. β-Glucuronide-dPBD-PEG5-NH2, as a proagent of cIRCRC201-dPBD, reduces side effects. β-Glucuronide-dPBD-PEG5-NH2 can induce apoptosis and arrest cell cycle. β-Glucuronide-dPBD-PEG5-NH2 has antitumor activity ^[1] .
IC₅₀ & Target	Drug-linker conjugates for ADC, Apoptosis ^[1]

REFERENCES

[1]. Byeongkwi Min, et al. cIRCRC201-dPBD, a Novel Pyrrolobenzodiazepine Dimer-Containing Site-Specific Antibody-Drug Conjugate Targeting c-Met Overexpression Tumors. ACS Omega. 2020 Sep 29;5(40):25798-25809.

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

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