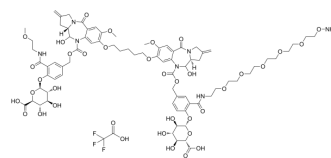


β-Glucuronide-dPBD-PEG5-NH2 TFA

Cat. No.:	HY-145736A
CAS No.:	2246364-63-4
Molecular Formula:	C ₈₀ H ₁₀₂ F ₃ N ₇ O ₃₇
Molecular Weight:	1810.69
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 TFA is the β-glucuronide-linked pyrrolobenzodiazepine dimer, which binds to the prenylated antibody for synthesis of antibody-drug conjugate (ADC) cIRCR201-dPBD.β-glucuronide-linkage as a cleavable linker. β-Glucuronide-dPBD-PEG5-NH2 TFA, as a proagent of cIRCR201-dPBD, reduces side effects. β-Glucuronide-dPBD-PEG5-NH2 TFA can induce apoptosis and arrest cell cycle. β-Glucuronide-dPBD-PEG5-NH2 TFA has antitumor activity ^[1] .
IC₅₀ & Target	Drug-linker conjugates for ADC, Apoptosis ^[1]

REFERENCES

[1]. Byeongkwi Min, et al. cIRCR201-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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