



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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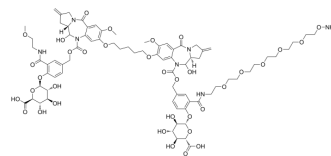
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β-Glucuronide-dPBD-PEG5-NH2

| | |
|---------------------------|---|
| 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) cIRCR201-dPBD. β-glucuronide-linkage as a cleavable linker. β-Glucuronide-dPBD-PEG5-NH2, as a proagent of cIRCR201-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. 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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