



# 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

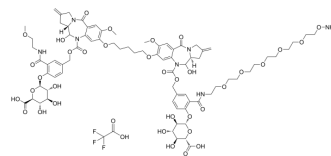
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## β-Glucuronide-dPBD-PEG5-NH2 TFA

<b>Cat. No.:</b>	HY-145736A
<b>CAS No.:</b>	2246364-63-4
<b>Molecular Formula:</b>	C <sub>80</sub> H <sub>102</sub> F <sub>3</sub> N <sub>7</sub> O <sub>37</sub>
<b>Molecular Weight:</b>	1810.69
<b>Target:</b>	Drug-Linker Conjugates for ADC; Apoptosis
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related; Apoptosis
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	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 <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Drug-linker conjugates for ADC, Apoptosis <sup>[1]</sup>

### 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA