



# 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

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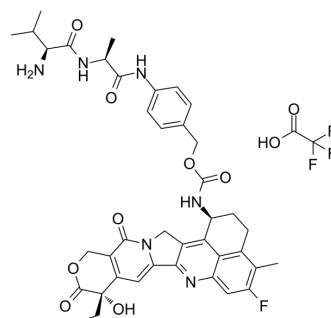
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## Val-Ala-PABC-Exatecan trifluoroacetate

|                           |  |
|---------------------------|--|
| <b>Cat. No.:</b>          | HY-147095A   |
| <b>CAS No.:</b>           | 2928571-45-1   |
| <b>Molecular Formula:</b> | C <sub>42</sub> H <sub>44</sub> F <sub>4</sub> N <sub>6</sub> O <sub>10</sub>  |
| <b>Molecular Weight:</b>  | 868.83   |
| <b>Target:</b>            | Drug-Linker Conjugates for ADC   |
| <b>Pathway:</b>           | Antibody-drug Conjugate/ADC Related  |
| <b>Storage:</b>           | 4°C, sealed storage, away from moisture and light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (57.55 mM; Need ultrasonic)

| Concentration | Mass      |           |            |
|---------------|-----------|-----------|------------|
|               | 1 mg      | 5 mg      | 10 mg      |
| 1 mM          | 1.1510 mL | 5.7549 mL | 11.5097 mL |
| 5 mM          | 0.2302 mL | 1.1510 mL | 2.3019 mL  |
| 10 mM         | 0.1151 mL | 0.5755 mL | 1.1510 mL  |

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Val-Ala-PABC-Exatecan trifluoroacetate is a Drug-Linker Conjugates for ADC, consisting of a cleavable Tesirine linker (Val-Ala-PABC) and Exatecan (topoisomerase I inhibitor, HY-13631). Val-Ala-PABC-Exatecan trifluoroacetate can be used for ADC molecules synthesis, such as Mal-PEGn-amide-va-Exatecan<sup>[1]</sup>.

### REFERENCES

[1]. Cheng X, et al. MORAb-202, an Antibody-Drug Conjugate Utilizing Humanized Anti-human FRα Farletuzumab and the Microtubule-targeting Agent Eribulin, has Potent Antitumor Activity. Mol Cancer Ther. 2018 Dec;17(12):2665-2675.

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

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