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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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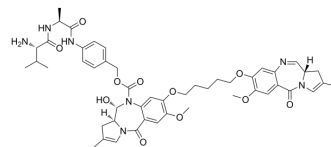
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SG3199-Val-Ala-PAB

| | |
|---------------------------|--|
| Cat. No.: | HY-101152 |
| CAS No.: | 1595275-61-8 |
| Molecular Formula: | C ₄₉ H ₅₉ N ₇ O ₁₁ |
| Molecular Weight: | 922.03 |
| Target: | Drug-Linker Conjugates for ADC |
| Pathway: | Antibody-drug Conjugate/ADC Related |
| Storage: | -20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen) |



SOLVENT & SOLUBILITY

| | | | | | |
|---|---|--------------------------|--------------|-----------|------------|
| In Vitro | DMSO : 130 mg/mL (140.99 mM; Need ultrasonic) | | | | |
| | | Solvent Concentration | Mass 1 mg | 5 mg | 10 mg |
| | Preparing Stock Solutions | 1 mM | 1.0846 mL | 5.4228 mL | 10.8456 mL |
| | | 5 mM | 0.2169 mL | 1.0846 mL | 2.1691 mL |
| | | 10 mM | 0.1085 mL | 0.5423 mL | 1.0846 mL |
| Please refer to the solubility information to select the appropriate solvent. | | | | | |
| In Vivo | 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 3.25 mg/mL (3.52 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 3.25 mg/mL (3.52 mM); Clear solution | | | | |

BIOLOGICAL ACTIVITY

| | |
|--------------------|---|
| Description | SG3199-Val-Ala-PAB is an intermediate of Tesirine synthesis. Tesirine is a agent-linker conjugate for ADC which can be used for the research of several cancers ^[1] . |
| In Vitro | SG3199-Val-Ala-PAB is an intermediate in in the synthesis of Tesirine, an antibody-drug conjugate pyrrolobenzodiazepine dimer payload ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Tiberghien AC, et, al. Design and Synthesis of Tesirine, a Clinical Antibody-Drug Conjugate Pyrrolbenzodiazepine Dimer Payload. ACS Med Chem Lett. 2016 May 24;7(11):983-987.

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

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