



SZABO SCANDIC

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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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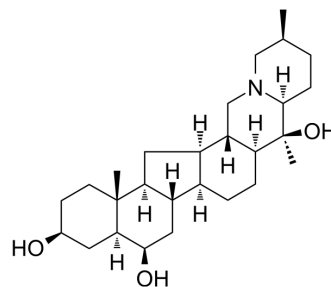
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Isoverticine

| | |
|--------------------|--|
| Cat. No.: | HY-N7596 |
| CAS No.: | 23496-43-7 |
| Molecular Formula: | C ₂₇ H ₄₅ NO ₃ |
| Molecular Weight: | 431.65 |
| Target: | Others |
| Pathway: | Others |
| Storage: | 4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (231.67 mM; Need ultrasonic)

| Preparing Stock Solutions | Solvent Concentration | Mass | | |
|---------------------------|-----------------------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| | 1 mM | 2.3167 mL | 11.5835 mL | 23.1669 mL |
| | 5 mM | 0.4633 mL | 2.3167 mL | 4.6334 mL |
| | 10 mM | 0.2317 mL | 1.1583 mL | 2.3167 mL |

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

BIOLOGICAL ACTIVITY

Description

Isoverticine, a bioactive isosteroidal alkaloid isolated from bulbus of *Fritillaria pallidiflora*, displays significant cytotoxicity^[1].

In Vitro

Isoverticine displays cytotoxicity, with IC₅₀s of 49.56, 31.63, 61.91 and 108.8 µg/mL, respectively^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wang D, et al. Characterization of the Isosteroidal Alkaloid Chuanbeinone from Bulbus of *Fritillaria pallidiflora* as Novel Antitumor Agent In Vitro and In Vivo. *Planta Med.* 2016;82(3):195-204.

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

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