



# 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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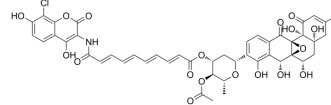
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## Simocyclinone D8

Cat. No.:	HY-125117
CAS No.:	301845-97-6
Molecular Formula:	C <sub>46</sub> H <sub>42</sub> ClNO <sub>18</sub>
Molecular Weight:	932.27
Target:	DNA/RNA Synthesis; Bacterial
Pathway:	Cell Cycle/DNA Damage; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Simocyclinone D8 is an anthracycline antibiotic with antibacterial and antitumor activity against Gram-positive bacteria. Simocyclinone D8 inhibits DNA gyrase and thus has an inhibitory effect on a variety of tumor cell lines<sup>[1]</sup>.

### REFERENCES

[1]. Schimana, et al. Simocyclinones, novel cytostatic angucyclinone antibiotics produced by *Streptomyces antibioticus* Tü 6040 I. taxonomy, fermentation, isolation and biological activities. *The Journal of antibiotics* 53.8 (2000): 779-787.

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

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