



# 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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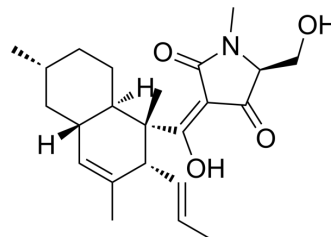
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## CJ-21,058

Cat. No.:	HY-N7188
CAS No.:	405072-57-3
Molecular Formula:	C <sub>23</sub> H <sub>33</sub> NO <sub>4</sub>
Molecular Weight:	387.51
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	CJ-21,058 is a potent SecA inhibitor with an IC <sub>50</sub> value of 15 µg/mL. CJ-21,058 inhibits ATP-dependent translocation of precursor proteins across a bacterial cell membrane. CJ-21,058 shows antibacterial activity against Gram-positive bacteria [1].
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 15 µg/mL (SecA) <sup>[1]</sup>
<b>In Vitro</b>	CJ-21,058 (0-20 µg/mL) shows antibacterial activity with MIC values of 5, >20, 5, >20 µg/mL for Staphylococcus aureus 01A1105, Streptococcus pyogenes 02C1068, Enterococcus faecalis 03A1069, Escherichia coli 51A0266, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Sugie Y, et al. CJ-21,058, a new SecA inhibitor isolated from a fungus. J Antibiot (Tokyo). 2002 Jan;55(1):25-9.

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

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