



# 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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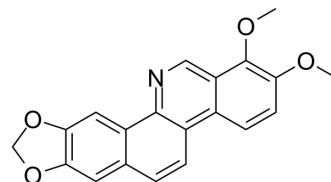
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## Norchelerythrine

Cat. No.:	HY-N7505
CAS No.:	6900-99-8
Molecular Formula:	C <sub>20</sub> H <sub>15</sub> NO <sub>4</sub>
Molecular Weight:	333.34
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Norchelerythrine is an alkaloid isolated from the roots of <i>Zanthoxylum capense</i> with antibacterial activity against gram-positive and gram-negative bacteria. Norchelerythrine exhibits inhibitory activity against <i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> , and <i>Enterococcus faecalis</i> and <i>Escherichia coli</i> with MIC values >50 µg/mL <sup>[1]</sup> .
IC <sub>50</sub> & Target	MIC: >50 µg/mL ( <i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> , and <i>Enterococcus faecalis</i> and <i>Escherichia coli</i> ) <sup>[1]</sup>

### REFERENCES

[1]. Xuan Luo, et al. Antibacterial benzofuran neolignans and benzophenanthridine alkaloids from the roots of *Zanthoxylum capense*. *Planta Med.* 2012 Jan;78(2):148-53.

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

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