



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

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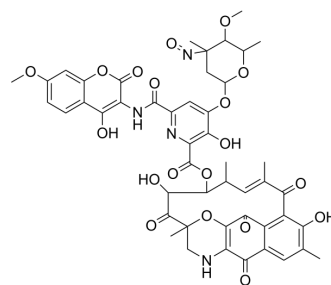
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Protorubradirin

Cat. No.:	HY-N7545
CAS No.:	122525-61-5
Molecular Formula:	C ₄₈ H ₄₆ N ₄ O ₁₉
Molecular Weight:	982.89
Target:	Antibiotic; Reverse Transcriptase
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Protorubradirin is an antibiotic that can be isolated from <i>Streptomyces achromogenes</i> var. <i>rubradirin</i> together with Rubradirin. Protorubradirin has inhibitory activity against HIV reverse transcriptase. In vitro studies have shown that Protorubradirin also inhibits <i>Staphylococcus aureus</i> strains and Streptococci. In infected mice, subcutaneous injection of Protorubradirin showed in vivo inhibitory efficacy against antibiotic-resistant <i>Staphylococcus aureus</i> strains. However, oral administration may result in a significant reduction in the activity of Protorubradirin, possibly due to faster cleavage of its C-nitroso sugar in the acidic gastric environment compared to Rubradirin ^[1] .
IC ₅₀ & Target	HIV Reverse Transcriptase ^[1]

REFERENCES

[1]. PROTORUBRADIRIN, AN ANTIBIOTIC CONTAINING A C-NITROSO-SUGAR FRAGMENT, IS THE TRUE SECONDARY METABOLITE PRODUCED BY

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

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