



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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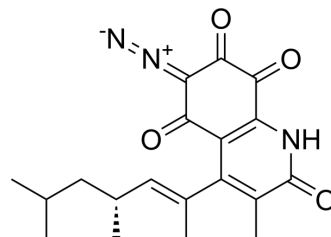
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Lagunamycin

Cat. No.:	HY-120721
CAS No.:	150693-65-5
Molecular Formula:	C ₁₉ H ₂₁ N ₃ O ₄
Molecular Weight:	355.39
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Lagunamycin is a 5-lipoxygenase inhibitor isolated from the culture medium of *Streptomyces* sp. AA0310. Lagunamycin has a significant inhibitory activity against rat 5-lipoxygenase with an IC₅₀ value of 6.08 μM. Lagunamycin can effectively inhibit 5-lipoxygenase without causing lipid peroxidation, indicating that it has an effective inhibitory effect without causing side effects.

REFERENCES

[1]. GUNAMYCIN, A NOVEL 5-LIPOXYGENASE INHIBITOR

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

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