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Part of Europa Biosite

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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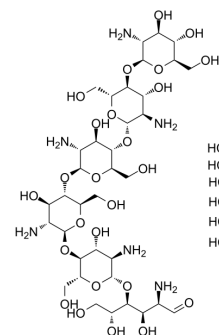
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Chitohexaose hexahydrochloride

Cat. No.:	HY-N7697C
CAS No.:	127171-88-4
Molecular Formula:	C ₃₆ H ₇₄ Cl ₆ N ₆ O ₂₅
Molecular Weight:	1203.72
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Chitohexaose hexahydrochloride is a chitosan oligosaccharide with anti-inflammatory effect. Chitohexaose hexahydrochloride binds to the active sites of TLR4 and inhibits LPS induced inflammation^{[1][2]}.

REFERENCES

[1]. Qini Zhao, et al. Chitoheptaose Promotes Heart Rehabilitation in a Rat Myocarditis Model by Improving Antioxidant, Anti-Inflammatory, and Antiapoptotic Properties. *Oxid Med Cell Longev.* 2020 Apr 11;2020:2394704.

[2]. Santosh K Panda, et al. Chitohexaose activates macrophages by alternate pathway through TLR4 and blocks endotoxemia. *PLoS Pathog.* 2012;8(5):e1002717.

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

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