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Lieferung & Zahlungsart

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Zuschläge

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- Trockeneiszuschlag
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Lipopolysaccharides, from Salmonella typhosa

Cat. No.:	HY-D1056B4
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Lipopolysaccharides, from Salmonella typhosa

BIOLOGICAL ACTIVITY

Description	Lipopolysaccharides are lipopolysaccharide endotoxins and TLR-4 activators that activate pathogenicity-associated molecular patterns (PAMPs) of the immune system and induce cell secretion of migrasomes. Lipopolysaccharides can be extracted from the outer leaflet of the outer membrane of Gram-negative bacteria and are composed of an antigenic O-specific chain, a core oligosaccharide, and lipid A. Lipopolysaccharides (LPS), from Salmonella typhosa is a kind of endotoxins derived from Salmonella typhosa[1][2][3][4].
IC_{50} & Target	TLR-4[2]

REFERENCES

[1]. Kabanov DS, et al. Structural analysis of lipopolysaccharides from Gram-negative bacteria. Biochemistry (Mosc). 2010 Apr;75(4):383-404.

[2]. Cai KC, et al. Age and sex differences in immune response following LPS treatment in mice. Brain Behav Immun. 2016 Nov;58:327-337.

[3]. Heinrichs DE, et al. Molecular basis for structural diversity in the core regions of the lipopolysaccharides of Escherichia coli and Salmonella enterica. Mol Microbiol. 1998 Oct;30(2):221-32.

[4]. Ying Liu, et al. Podocyte-Released Migrasomes in Urine Serve as an Indicator for Early Podocyte Injury. Kidney Dis (Basel). 2020 Nov;6(6):422-433.

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