



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Lipopolysaccharides, from *P. aeruginosa* 10

Cat. No.:	HY-D1056E	
Target:	Toll-like Receptor (TLR)	
Pathway:	Immunology/Inflammation	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	Lipopolysaccharides, from <i>P. aeruginosa</i> 10

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 <i>P. aeruginosa</i> 10 is a kind of endotoxins derived from <i>P. aeruginosa</i> 10 ^{[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.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA