



Product Information

Lipopolysaccharides from *Escherichia coli* O111:B4, purified by trichloroacetic acid extraction

Cat. No.: XGB676

Size: 100 mg;500 mg

MDL: MFCD00164401

NACRES: NA.25

Synonym: LPS

This product is for research use only and is not intended for diagnostic use.

Product Information

Biological Source	<i>Escherichia coli</i> (O111:B4)
Form	lyophilized powder
Purity	purified by trichloroacetic acid extraction
Impurities	1-10% Protein (Lowry)
Quality Level	200
Applications	Lipopolysaccharides (LPSs) are characteristic components of the cell wall of Gram-negative bacteria. LPS and its lipid A part stimulate the cells of the innate immune system through Toll-like receptor 4 (TLR4), which can recognize common pathogen-related molecular patterns (PAMP). This LPS serotype has been used to stimulate B-cells and induce NOS in human hepatocytes.
Storage	2-8°C

Safety Information

WGK Germany	WGK 3
Hazard Statements	H300