

## Lipopolysaccharides, from E. coli K-235

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	Lipopolysaccharides, from E. coli (Escherichia coli) K-235, are endotoxins derived from Escherichia coli and serve as TLR-4 activators. They are an S-type LPS capable of activating pathogen-associated molecular patterns (PAMP) of the immune system and inducing the secretion of exosomes. This compound is characterized by a typical three-part structure comprising the O-antigen, core oligosaccharide, and Lipid A. Additionally, lipopolysaccharides from E. coli K-235 stimulate mitogenesis in C57BL/10ScN spleen cells and, when purified by butanol and deoxycholate methods, can stimulate spleen cells from C57BL/10ScCR and C3H/HeJ mice.
Targets(IC50)	TLR

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