

Lipopolysaccharides (from E. coli O127:B8)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Keep away from moisture

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 O127:B8 (LPS, from Escherichia coli (O127:B8)) are endotoxins and TLR-4 activators extracted from the bacterium E. coli O127:B8. This smooth (S) type LPS features a typical tripartite structure: an O antigen, an R3 core oligosaccharide, and lipid A. When lipopolysaccharides from E. coli O127:B8 activate TLR-4 on immune cells, they can trigger inflammatory responses and ileal contractility, making them useful for developing intestinal inflammation models.
Targets(IC50)	TLR

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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