

Lipopolysaccharides, from *S. enterica* serotype typhimurium

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 <i>S. enterica</i> (<i>Salmonella enterica</i>) serotype typhimurium, are endotoxins and TLR4 activators derived from the serotype of this bacterium, classified as S-type LPS. They display a characteristic three-part structure: O antigen, core oligosaccharide, and lipid A. These lipopolysaccharides influence bacterial fate within dendritic cells (DC), determining the uptake, degradation, and activation of immune functions in DC cells.
Targets(IC50)	TLR

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