

## Lipopolysaccharides, from S. enterica serotype enteritidis

### 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 S. enterica (Salmonella enterica) serotype enteritidis, are endotoxins derived from this serotype known for causing enteritis and serve as TLR-4 activators. This S-type LPS triggers the immune system's pathogen-associated molecular patterns (PAMP) and induces the secretion of exosomes. It consists of a typical tripartite structure: the O antigen, core oligosaccharide, and lipid A. These lipopolysaccharides can provoke a systemic inflammatory response, leading to increased plasma levels of TNF- $\alpha$ , IFN- $\gamma$ , IL-6, IL-10, and nitrates.
Targets(IC50)	TLR

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