Data Sheet (Cat.No.TSW-00907)

TargetMol

Lipopolysaccharides, from S. enterica serotype abortus equi

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 *Salmonella enterica* serotype Abortusequi are endotoxins and TLR-4 activators derived from intestinal S. enterica. They are mutated R-type LPSs that serve as pathogen-associated molecular patterns (PAMP) to activate the immune system and induce cell secretion of exosomes. These lipopolysaccharides consist of a core oligosaccharide and lipid A. *S. enterica* serotype Abortusequi is a key pathogen causing abortion in mares and is associated with neonatal septicemia, multiple abscesses, orchitis, and polyarthritis in equine species. Grouping is primarily based on lipopolysaccharide (O-antigen) and flagellin protein (H-antigen).
Targets(IC50)	TLR

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