

Lipopolysaccharides, from E. coli O128:B12

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 O128:B12 (LPS, from Escherichia coli [O128:B12]) are lipid polysaccharide endotoxins and TLR-4 activators derived from E. coli O128:B12, characterized as a smooth (S) type LPS. This compound features a typical three-part structure: O antigen, R3 core oligosaccharide, and lipid A. It activates TLR-4 in immune cells, is useful for developing neonatal brain inflammation models in animals, and may impact preterm birth in neonates.
Targets(IC50)	TLR

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