

Lipopolysaccharides, from P. gingivalis

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

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| Description | Lipopolysaccharides are endotoxins composed of lipopolysaccharide structures and serve as TLR-4 activators, triggering pathogen-associated molecular patterns (PAMP) of the immune system and inducing cellular secretion of vesicles. Extracted from the outer leaflet of the outer membrane of Gram-negative bacteria, they consist of an O-antigen-specific chain, a core oligosaccharide, and lipid A. Lipopolysaccharides, from P. gingivalis, refer specifically to the endotoxin derived from Porphyromonas gingivalis. |
| Targets(IC50) | TLR |

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