

## Lipopolysaccharides, from Akkermansia muciniphila

### 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 (LPS, from Akkermansia muciniphila) are endotoxins derived from the bacterium Akkermansia muciniphila. This lipid-polysaccharide endotoxin acts as a TLR-4 activator, triggering pathogen-associated molecular patterns (PAMP) in the immune system and inducing cell secretion of migratory factors. Lipopolysaccharides are extracted from the outer leaflet of the outer membrane of Gram-negative bacteria and consist of an antigen O-specific chain, a core oligosaccharide, and lipid A. |
| Targets(IC50) | Others  |

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481