



Product Information

Gram-negative bacterial polysaccharide liposomes

Cat. No.: X26-05-ZQ2603

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: Gram-negative bacterial polysaccharide LPs; Gram-negative polysaccharide liposomes; Gram-negative bacterial polysaccharide-loaded liposomes

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	This advanced biomimetic matrix features Gram-negative bacterial polysaccharide functionalized liposomes. The structural framework encapsulates or surface-complexes isolated outer-membrane polysaccharide chains derived from non-pathogenic Gram-negative bacterial species within a high-purity phospholipid vesicle shell. This configuration alters the natural membrane bending elasticity, lateral lipid packing constraints, and interfacial water structure, providing an advanced cell-free template that mimics Gram-negative surface carbohydrate landscapes while completely preventing physical vesicle aggregation.
Source	Custom synthesis
Functional Group	Gram-negative bacterial polysaccharide
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Identity	HPLC/MS/NMR
Stability	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Storage	Store at -20°C.