



Product Information

Laminaria polysaccharide liposomes

Cat. No.: X26-05-ZQ2652

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

Synonym: Laminaria polysaccharide LPs; Kelp polysaccharide liposomes; Laminaria polysaccharide-loaded liposomes

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

Product Information

Description	This carbohydrate-lipid hybrid matrix features kelp polysaccharide loaded liposomes. The structural framework encapsulates water-soluble sulfated polysaccharide fractions (laminaran or fucoidan) isolated from Laminaria brown algae within its central aqueous core, which are further complexed with the polar headgroup regions of a high-purity phospholipid bilayer shell. This complex layout alters the interfacial water structure and internal surface charge density, introducing an advanced mechanical barrier that completely prevents physical vesicle aggregation while modifying membrane bending elasticity.
Source	Custom synthesis
Functional Group	Laminaria 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.