



## Product Information

### Enteromorpha prolifera polysaccharide liposomes

**Cat. No.:** X26-05-ZQ2625

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

**Synonym:** Enteromorpha prolifera polysaccharide LPs; E. prolifera polysaccharide liposomes; Enteromorpha prolifera polysaccharide-loaded liposomes

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

#### Product Information

<b>Description</b>	This carbohydrate-lipid hybrid matrix features Enteromorpha prolifera polysaccharide loaded liposomes. The structural framework encapsulates water-soluble sulfated polysaccharide fractions (ulvan) isolated from Enteromorpha prolifera green 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.
<b>Source</b>	Custom synthesis
<b>Functional Group</b>	Enteromorpha prolifera polysaccharide
<b>Form</b>	Solid or powder
<b>Purity</b>	≥95%
<b>Impurities</b>	No visible impurities to the naked eye.
<b>Identity</b>	HPLC/MS/NMR
<b>Stability</b>	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Storage</b>	Store at -20°C.