



## Product Information

### Lotus root polyphenol polysaccharide liposomes

**Cat. No.:** X26-05-ZQ2633

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

**Synonym:** Lotus root polyphenol polysaccharide LPs; Lotus root polyphenol-polysaccharide liposomes; Lotus root polyphenol polysaccharide-loaded liposomes

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

#### Product Information

<b>Description</b>	This complex multi-phase hybrid formulation features lotus root polyphenol and polysaccharide co-loaded liposomes. The structural framework encapsulates hydrophobic polyphenol fractions within its lipid bilayer shell, while simultaneously encapsulating water-soluble lotus root polysaccharide fractions entirely within its central aqueous reservoir. This dual-cargo configuration utilizes the internal and external macromolecular complexes to establish an advanced mechanical barrier that completely prevents physical vesicle aggregation and suppresses polyphenol oxidation under ambient laboratory conditions.
<b>Source</b>	Custom synthesis
<b>Functional Group</b>	Lotus root polyphenol; 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.