

Product Information

Polygonatum sibiricum polysaccharide liposomes

Cat. No.: X26-05-ZQ2605

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

Synonym: Polygonatum sibiricum polysaccharide LPs; P. sibiricum polysaccharide liposomes; Polygonatum sibiricum 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 Polygonatum sibiricum polysaccharide loaded liposomes. The structural framework encapsulates water-soluble polysaccharide fractions isolated from Polygonatum sibiricum entirely within its central aqueous core, utilizing a high-purity phospholipid-cholesterol bilayer envelope to isolate the carbohydrate polymers. This complex layout modifies the internal surface charge topography, introducing an advanced mechanical barrier that completely prevents physical vesicle aggregation while stabilizing the lipid matrix across variable ambient laboratory testing setups.
Source	Custom synthesis
Functional Group	Polygonatum sibiricum 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.