

Product Information

Bletilla striata polysaccharide liposomes

Cat. No.: X26-05-ZQ2606

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

Synonym: Bletilla striata polysaccharide LPs; B. striata polysaccharide liposomes; Bletilla striata 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 Bletilla striata polysaccharide loaded liposomes. The structural framework encapsulates water-soluble glucomannan polysaccharide fractions isolated from Bletilla striata 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	Bletilla striata 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.