



Product Information

Alginate oligosaccharide liposomes

Cat. No.: X26-05-ZQ2615

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

Synonym: Alginate oligosaccharide LPs; Alginate oligosaccharide-loaded liposomes; Alginate oligosaccharide liposomal vesicles

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

Product Information

Description	This carbohydrate-lipid hybrid formulation features alginate oligosaccharide loaded liposomes. The vesicle anatomy encapsulates low-molecular-weight guluronate and mannuronic acid oligosaccharide blocks derived from alginate entirely within its central aqueous reservoir, utilizing a high-purity phospholipid-cholesterol bilayer shell. This precise configuration isolates the highly polar polyanionic oligosaccharide chains within the core, preventing rapid chemical degradation and creating a stable matrix model that modulates passive diffusion under ambient laboratory conditions.
Source	Custom synthesis
Functional Group	Alginate oligosaccharide
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.