



Product Information

Portulaca oleracea polysaccharide liposomes

Cat. No.: X26-05-ZQ2614

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

Synonym: Portulaca oleracea polysaccharide LPs; P. oleracea polysaccharide liposomes; Portulaca oleracea 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 Portulaca oleracea polysaccharide loaded liposomes. The structural framework encapsulates water-soluble polysaccharide fractions isolated from Portulaca oleracea 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	Portulaca oleracea 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.