



Product Information

Mannose-modified targeted liposomes

Cat. No.: X26-05-ZQ2549

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

Synonym: Mannose-modified targeted LPs; Mannose-targeted liposomes; Mannose-functionalized targeted liposomes

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

Product Information

Description	This advanced engineered system features mannose functionalized liposomes. The vesicle architecture utilizes a stable phospholipid-cholesterol bilayer shell whose exterior boundary is surface-modified with specific mannose carbohydrate residues linked <i>via</i> covalent polymer-lipid anchors. This precise modification alters the surface hydration parameters and introduces a dense target-mimetic carbohydrate interface, completely preventing physical vesicle aggregation while isolating the internal aqueous core.
Source	Custom synthesis
Functional Group	Mannose
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.