



Product Information

Folate-modified targeted liposomes

Cat. No.: X26-05-ZQ2527

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

Synonym: Folate-modified targeted LPs; FA-targeted liposomes; Folate-functionalized targeted liposomal carriers

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

Product Information

Description	This advanced engineered system features folate functionalized liposomes. The vesicle architecture utilizes a stable phospholipid-cholesterol bilayer shell whose exterior boundary is surface-modified with specific folic acid targeting ligands linked <i>via</i> covalent polymer-lipid anchors. This precise surface modification alters the surface charge topography, membrane packing density, and surface hydration parameters, creating a dense target-mimetic interface that completely prevents physical vesicle aggregation while isolating the internal aqueous core.
Source	Custom synthesis
Functional Group	Folate
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.