

Product Information

Folate-modified drug-loaded liposomes

Cat. No.: X26-05-ZQ2522

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

Synonym: Folate-modified drug-loaded LPs; FA-modified drug-loaded liposomes; Folate-targeted drug liposomal nanoparticles

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

Product Information

Description	This advanced engineered system features folate functionalized drug-loaded liposomes. The vesicle architecture utilizes a stable phospholipid-cholesterol bilayer shell encapsulating a model drug cargo, 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 core.
Source	Custom synthesis
Functional Group	Folate; Active drug
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.