

Product Information

Transferrin-modified targeted liposomes

Cat. No.: X26-05-ZQ2552

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

Synonym: Transferrin-modified targeted LPs; Tf-targeted liposomes; Transferrin-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 transferrin functionalized liposomes. The structural framework consists of a high-purity phospholipid-cholesterol bilayer shell whose exterior boundary is surface-modified with macromolecular transferrin glycoproteins linked <i>via</i> covalent polymer-lipid anchors. This precise macromolecular surface modification establishes a dense hydrophilic steric brush layer that alters overall membrane elasticity and surface charge topography, introducing a uniform protein-coated target-mimetic reference matrix that completely prevents physical vesicle aggregation.
Source	Custom synthesis
Functional Group	Transferrin
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.