

Product Information

NGR-modified targeted liposomes

Cat. No.: X26-05-ZQ2553

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

Synonym: NGR-modified targeted LPs; NGR-targeted liposomes; NGR peptide-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 NGR peptide functionalized liposomes. The vesicle architecture utilizes a stable phospholipid-cholesterol bilayer shell whose exterior boundary is surface-modified with specific asparagine-glycine-arginine (NGR) targeting peptides linked <i>via</i> covalent polymer-lipid anchors. This surface modification alters the interfacial water structure and surface charge topography, establishing a dense target-mimetic macromolecular ligand array that completely prevents physical vesicle aggregation while isolating the active internal core.
Source	Custom synthesis
Functional Group	NGR peptide
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.