



Product Information

Long-circulating liposomes with active carboxyl termini

Cat. No.: X26-05-ZQ1909

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

Synonym: Carboxyl-terminated long-circulating LPs; Active carboxyl-terminated stealth liposomes; Carboxyl-terminated PEGylated liposomes

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

Product Information

Description	This engineered formulation features long-circulating liposomes with active carboxyl termini designed with a highly reactive, sterically stabilized interface. The vesicle architecture incorporates a stable phospholipid bilayer core whose outer surface is modified with functionalized polyethylene glycol polymer-lipid conjugates terminating in exposed, unreacted carboxylic acid (-COOH) groups. These active carboxyl groups modify the surface charge profile, introducing a net negative surface potential while providing a precise, stable chemical handle for future covalent carbodiimide cross-linking assays without inducing vesicle aggregation.
Source	Custom synthesis
Functional Group	Carboxyl functional group
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.