

Product Information

P1c-modified long-circulating liposomes

Cat. No.: X26-05-ZQ2641

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

Synonym: P1c-modified long-circulating LPs; P1c-modified stealth liposomes; P1c peptide-functionalized long-circulating liposomes

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

Product Information

Description	This advanced engineered steric material features P1c peptide functionalized long-circulating liposomes. The structural framework utilizes a high-purity phospholipid-cholesterol core whose exterior boundary is surface-modified with specific P1c targeting peptides linked <i>via</i> long-chain polyethylene glycol polymer spacers. This precise surface modification balances a dense protective hydrophilic steric brush layer with a target-mimetic ligand array, altering overall membrane elasticity and completely preventing physical vesicle aggregation while leaving the internal reservoir empty.
Source	Custom synthesis
Functional Group	P1c 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.