



Product Information

Levofloxacin PEG liposomes

Cat. No.: X26-05-ZQ2590

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

Synonym: Levofloxacin PEG LPs; Levofloxacin PEGylated liposomes; PEGylated levofloxacin liposomes

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

Product Information

Description This advanced engineered steric formulation features levofloxacin loaded pegylated liposomes. The structural matrix encapsulates the fluoroquinolone antibiotic levofloxacin entirely within its central aqueous reservoir, utilizing a phospholipid-cholesterol bilayer shell whose outer surface is modified with dense polyethylene glycol (PEG) polymer anchors. This detailed configuration establishes a dense protective hydrophilic steric brush layer, completely preventing physical vesicle aggregation while isolating the active core and restricting passive antibiotic diffusion under ambient laboratory testing conditions.

Source Custom synthesis

Functional Group Levofloxacin

Form Solid or powder

Purity $\geq 95\%$

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 .