

## Product Information

### Teniposide long-circulating cationic liposomes

**Cat. No.:** X26-05-ZQ1093

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

**Synonym:** Teniposide long-circulating cationic LPs; PEGylated cationic teniposide liposomes; Long-circulating cationic LPs of teniposide

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

#### Product Information

**Description** This product features teniposide long-circulating cationic liposomes formulated with a multi-functional lipid bilayer matrix. The vesicle structure incorporates a high proportion of synthetic cationic lipids to provide a strongly positive surface charge profile alongside polyethylene glycol-modified lipids for steric stabilization. The hydrophobic podophyllotoxin derivative teniposide is deeply embedded within the hydrocarbon core of the lipid shell. This structural configuration prevents vesicle aggregation and controls the passive release behavior of the drug.

**Source** Custom synthesis

**Functional Group** Teniposide; Cationic lipid

**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  $-20^{\circ}\text{C}$ .