



STEALTH Liposomal Topotecan HCl (2.0mg/mL)

Catalog: HSPC-067L

PRODUCT INFORMATION

Name	STEALTH Liposomal Topotecan HCl (2.0mg/mL)
Cat No.	HSPC-067L
Product Overview	<p>Topotecan HCl is loaded into PEGylated liposomes composed of HSPC/CHOL/mPEG2000-DSPE (50:45:5 mol/mol) with ammonium sulfate gradient by the active loading approach. The liposomes are produced by the extrusion method. The product is of high quality with narrow particle size distribution and high drug encapsulation efficiency.</p> <p>Lipid composition: HSPC/CHOL/mPEG2000-DSPE (50:45:5 mol/mol)</p> <p>Encapsulation efficiency: > 95%</p> <p>Mean particle size: 100 nm (80-110 nm)</p>
Lipid Composition	HSPC/CHOL/mPEG2000-DSPE
Active Ingredients	Topotecan HCl
Application	Liposome production; Synthetic lipid
Storage Buffer	<p>Loading buffer: 250 mM ammonium sulfate</p> <p>External solution: 10% sucrose, 20 mM HEPES, pH 7.0</p>
Concentration	<p>Lipid concentration: 20.0 mM</p> <p>Topotecan HCl: 2.0 mg/mL</p>
Stability	3 Month for unopened vials.
Storage	Store at 2-8 centigrade.
Synonyms	HSPC; hydrogenated phosphatidylcholine (Soy); CHOL; cholesterol; mPEG2000-DSPE