

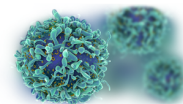
STEALTH Liposomal Topotecan HCl (2.0mg/mL)

Catalog: HSPC-067L

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.
Lipid composition: HSPC/CHOL/mPEG2000-DSPE (50:45:5 mol/mol)
Encapsulation efficiency:> 95%
Mean particle size: 100 nm (80-110 nm)

PRODUCT INFORMATION

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Lipid Composition	HSPC/CHOL/mPEG2000-DSPE
Active Ingredients	Topotecan HCl
Application	Liposome production; Synthetic lipid



Storage Buffer	Loading battery: 250 mM ammonium sulfate External solution: 10% sucrose, 20 Mm HEPES, pH 7.0
Concentration	Lipid concentration: 20.0 mM Topotecan HCl: 2.0 mg/mL
Stability	3 Month for unopened vials.
Storage	Store at 2-8 centigrade.
Synonyms	HSPC; hydrogenated phosphatidylcholine (Soy); CHOL; cholesterol; mPEG2000-DSPE

USAGE GUIDELINES

General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.
Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to 3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.