

PEGylated Liposomal Topotecan HCL (2.0mg/mL)

Code No. : F30204-TT

Size : 2 ml & 10 ml



Product Description

PEGylated Liposomal Topotecan HCL

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.

Specifications :

Product code: F30204-TT

Lipid composition: HSPC/CHOL/mPEG2000-DSPE (50:45:5 mol/mol)

Lipid concentration: 20.0 mM

Iroinotecan HCl: 2.0 mg/mL

Encapsulation efficiency: > 95% (typically 98%)

Loading battery: 250 mM ammonium sulfate

Mean particle size: 100 nm (90 - 110 nm)

External solution: 10% sucrose, 20 Mm HEPES, pH 7.0

Shelf-life: 6 months, storage: 2-8 degree C

Topotecan: Synonym: 9-[(dimethylamino)methyl]-10-hydroxy-(20S)-camptothecin hydrochloride hydrate

CAS Number: 123948-87-8 (free base)

HSPC: hydrogenated phosphatidylcholine (Soy)

CHOL: cholesterol

mPEG2000-DSPE: 18:0 PEG2000 PE:1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[methoxy(polyethylene glycol)-2000]

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