

## Doxoves® - STEALTH Liposomal Doxorubicin HCl (4.0mg/mL)

Code No. : F30204B-D

Size : 2 ml & 10 ml



### Product Description

#### Doxoves® - PEGylated Liposomal Doxorubicin HCl

Doxorubicin HCl is loaded into PEGylated liposomes composed of HSPC/CHOL/mPEG2000-DSPE (56.2:38.5:5.3 mol/mol) with ammonium gradient by the active loading approach. It is comparable to the commercial product DOXIL®. The liposomes are prepared to very high quality with consistent lot-lot characteristics. Narrow particle size distribution and high drug encapsulation efficiency. Note the high drug concentration (4mg/mL compared to 2 mg/mL for DOXIL®) allows the researchers to perform experiments at higher concentration/doses.

Specifications :

Product code: F30204B-D

Lipid composition: HSPC/CHOL/mPEG2000-DSPE (56.2:38.5:5.3 mol/mol)

Lipid concentration: 40.0 mM

Doxorubicin HCl: 4.0 mg/mL

Encapsulation efficiency: > 95% (typically 98%)

Loading battery: 250 mM ammonium sulfate

Mean particle size: 85 nm (80 - 90 nm)

External solution: 10% sucrose, 10 mM histidine, pH 6.5

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

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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