



PEGylated Liposomal Doxorubicin HCl (4.0mg/mL)

Catalog: DOX-071L

PRODUCT INFORMATION

Vame	PEGylated Liposomal Doxorubicin HCl (4.0mg/mL)
Cat No.	DOX-071L
Product Overview	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. The liposomes are prepared to very h
	gh quality with consistent lot-lot characteristics. Narrow particle size distribution and high drug encapsulation
	efficiency.
	Lipid composition: HSPC/CHOL/mPEG2000-DSPE (56.2:38.5:5.3 mol/mol)
	Mean particle size: 85 nm (80 - 90 nm)
	Encapsulation efficiency:> 95% (typically 98%)
cipid Composition	HSPC/CHOL/mPEG2000-DSPE
active Ingredients	Doxorubicin HCl
Application	Liposome production; Synthetic lipid
torage Buffer	External solution: 10% sucrose, 10 mM histidine, pH 6.5
Concentration	Lipid concentration: 40.0 mM
	Doxorubicin HCl: 4.0 mg/mL
tability	6 Month for unopened vials.
torage	Store at 2-8 centigrade.
ynonyms	HSPC; hydrogenated phosphatidylcholine (Soy); CHOL; cholesterol; mPEG2000-DSPE