



Doxorubicin HCl Loaded Liposomes

Catalog: Lipo-019RG

PRODUCT INFORMATION

Name	Doxorubicin HCl Loaded Liposomes
Cat No.	Lipo-019RG
Product Overview	Doxorubicin (Adriamycin, NSC 123127, DOX, Hydroxydaunorubicin) HCl is an antibiotic agent that inhibits DNA topoisomerase II and induces DNA damage, mitophagy and apoptosis in tumor cells. Doxorubicin reduces basal phosphorylation of AMPK. Doxorubicin is used in the concomitant treatment of HIV-infected patients but is found to be at high risk of HBV reactivation. This product is a PEG modified pre-formulated liposome with Doxorubicin loaded. It is supplied ready to use in vitro or in vivo studies. The lipid composition is HSPC/Chol/DSPE-mPEG2000 (56.2/38.5/5.3, mol/mol).
Lipid Composition	HSPC/Chol/DSPE-mPEG2000 (56.2/38.5/5.3, mol/mol)
Active Ingredients	Doxorubicin HCl
Form	Liquid
Storage Buffer	PBS, pH 7.4
Concentration	2 mg/mL (Concentration Doxorubicin); Lipid Concentration 30 mM
Stability	6 months
Storage	2 °C to 8 °C (do not freeze)