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Table 1

Liposome-based drugs on market

Product name	Route of injection	Drug	Particle type/size	Drug form/Storage time	Lipid composition	Approved indication
Ambisome	Intravenous	Amphotericin B	Liposome	Powder/36 months	HSPC, DSPG, cholesterol, and amphoteracin B (2:0.8:1:0.4 molar ratio)	Sever fungal infections
Abelcet	Intravenous	Amphotericin B	Lipid complex	Suspension/24 months	DMPC and DMPG (7:3 molar ratio)	Sever fungal infections
Amphotec	Intravenous	Amphotericin B	Lipid complex	Powder/24 months	Cholesteryl sulfate	Sever fungal infections
DaunoXome	Intravenous	Daunorubicin	Liposome	Emulsion/12 months	DSPC and cholesterol (2:1 molar ratio)	Blood tumors
Doxil	Intravenous	Doxorubicin	PEGylated liposome	Suspension/20 months	HSPC, cholesterol, and PEG 2000-DSPE (56:39:5 molar ratio)	Kaposi's sarc Ovarian/breas cancer
Lipo-dox	Intravenous	Doxorubicin	PEGylated liposome	Suspension/36 months	DSPC, cholesterol,	Kaposi's sarc ovarian/breast

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					and PEG 2000-DSPE (56:39:5 molar ratio)	cancer
Myocet	Intravenous	Doxorubicin	Liposome	Powder/18 months	EPC and cholesterol (55:45 molar ratio)	Combination therapy with cyclophospha in metastatic b cancer
Visudyne	Intravenous	Verteporfin	Liposome	Powder/48 months	EPG and DMPC (3:5 molar ratio)	Age-related molecular degerneration pathologic my ocular histoplasmosi
Depocyt	Spinal	Cytarabine	Liposome	Suspension/18 months	Cholesterol, Triolein, DOPC, and DPPG (11:1:7:1 molar ratio)	Neoplastic meningitis an lymphomatou meningitis
DepoDur	Epidural	Morphine sulfate	Liposome	Suspension/24 months	Cholesterol, Triolein, DOPC, and DPPG (11:1:7:1 molar ratio)	Pain managen
Epaxal	Intramuscular	Inactivated hepatitis A virus (strain RG-SB)	Liposome	Suspension/36 months	DOPC and DOPE	Hepatitis A
Inflexal V	Intramuscular	Inactivated hemaglutinine of Influenza virus strains A and B	Liposome	Suspension/12 months	DOPC and DOPE	Influenza

Abbreviations: DOPE, dioleoylphosphatidylethanolamine; DOPC, dioleoylphosphatidylcholine; DPPG,

dipalmitoylphosphatidylglycerol; HSPG, hydrogenated soy phosphatidylcholine; DSPG, distearoylphosphatidy
egg phosphatidylcholine; DSPC, distearoylphosphatidylcholine; DMPC, 1-α-dimyristoylphosphatidylcholine; I
l-α-dimyristoylphosphatidylglycerol; EPG, egg phosphatidylglycerol; PEG 2000-DSPE, polyethylene glycol 20
phosphatidylethanolamine.

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