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ABBREVIATIONS AND SYMBOLS

^{1}H NMR	Proton nuclear magnetic resonance
A2D-Chol	b-alanine-diethanolamine-cholesterol
BGTC	bis-guanidiumtren-cholesterol
BisHOP	2, 3- dihexadecyloxyl–proply - N,N,N –trimethylammoniumchloride
$CDCl_3$	Deuterated chloroform
$CHCl_3$	Chloroform
Chol	Cholesterol
CTA	Cholest-5-en-3ol(3β)(trimethylammonio)acetate chloride
DCC	N,N'-dicyclohexylcarbodiimide
DC-Chol	3b-[N-(N',N' dimethylaminoethyl) carbamoyl]cholesterol
DDAB	Dimethyl dioctadecyl ammonium bromide
DMAP	4-(N,N-dimethylamino)pyridine
DMEPC	Dimyristoylglycero-3-ethylphosphocholine
DMRIE	N-(2-hydroxyethyl)-N,N-dimethyl-2,3-bis (tetra- decyloxy \-1-propanaminiumbromide
DOGS	Dioctadecyl amidoglycyl- spermine
DOIC	1- [2-(oleoyloxy)ethyl]-2-oleyl-3-(2-hydroxyethyl)imidazo-linium chloride
DOPE	Dioleoyl phosphatidylethanolamine
DOTAP	1,2-dioleyl-3-trimethyl- ammoniumpropane
DOTMA	N-(1-(2,3-dioleyloxy)propyl)-N,N,N-trimethyl-ammonium chloride
DPPC	Dipalmitoylphosphatidylcholine

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FRVs	Freeze-dried rehydration vesicles
HCTA	Cholestranol(3β) (trimethylammonio)acetate
HPLC	High performance liquid chromatography
IR	Infrared spectrophotometer
K2D-Chol	Lysinediethanolamine-cholesterol
LC/MS	Liquid chromatography/ mass spectrometry
LUV	Large unilamellar vesicle
m/z	Mass per charge
Mg	Milligram
Min	Minute
MLVs	Multilamellar vesicle
NMR	Nuclear magnetic resonance chromatography
Pc	Critical pressure
REV	Reverse-phase evaporation
SA	Stearylamine
SUVs	Small unillamellar vesicles
SUVs	Small unilamellar vesicles
Tc	Critical temperature
TEM	Transmission electron microscope
TLC	Thin layer chromatography
UV	Ultraviolet
δ	Chemical shift value in ppm
λ	Wavelength in nanometer

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µg	Microgram
µl	Micro liter
°C	Celcius degree

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