

ABBREVIATIONS

AFM	Atomic force microscopy		I.N.	Intranasal
Apo-B	Apo-protein B		I.V.	Intravenous
ARDS	Acute respiratory disease syndrome		INH	Isoniazid
ALI	Acute lung injury		LCFA	Long-chain fatty acids
AECC	American-European consensus conference		LPC	Lysophosphatidylcholine
BLES	Bovine lipid extract surfactant		LBPA	Lyso-bis-phosphatidic acid
BA	Behenic acid		LIDO	Lidocaine
BSA	Bovine serum albumin		LDL	Low density lipoprotein
Cryo-TEM	Cryogenic transmission electron microscopy		LB	Langmuir-blodgett balance
Cryo-SEM	Cryogenic scanning electron microscopy		MCFA	Medium-chain fatty acids
C.I.	Crystallinity index		MCT	Medium chain triglyceride
CRP	C-reactive protein		MLV	Multilamellar vesicles
CBS	Captive bubble surfactometer		MVV	Multivesicular vesicles
HCT-116	Colorectal carcinoma		NLC	Nanostructured lipid carrier
DAG	Diacylglycerol		NaCl	Sodium chloride
DLS	Dynamic light scattering		OA	Oleic acid
DSC	Differential scanning calorimetry		OG	Orcinol glucoside
DL	Drug loading		PL	Phospholipids
DoTAP	1, 2-dipalmitoyl-sn-glycero-3-phospho-(1'-rac-glycerol)		PC	Phosphatidylcholine
DPPC	1, 2-dipalmitoyl-sn-glycero-3-phospho-(1'-rac-glycerol)		PG	Phosphatidylglycerol
DPPG	1, 2-dipalmitoyl-sn-glycero-3-phospho-(1'-rac-glycerol)		PI	Phosphatidylinositol
EE	Entrapment efficiency		PE	Phosphatidylethanolamine
Fbg	Fibrinogen		PS	Phosphatidylserine
FCS	Fetal calf serum		PDI	Polydispersity index
AGS	Gastric adenocarcinoma		PRO.HCl	Procaine hydrochloride
HPH	High pressure homogenization		PEG25SA	Polyethylene glycol 25-stearate
HDL	High density lipoprotein		PEG55SA	Polyethylene glycol 55 - stearate
HSPC	Hydrogenatedsoyphosphotidylcholine		PCS	Photo correlation spectroscopy
HepG2	Hepatocellular carcinoma		RES	Reticuloendothelial system

SCFA	Short-chain fatty acids		TB	Tribehenin
SLN	Solid lipid nanoparticle		TE	Trierucin
SP	Surfactant Protein		TS	Tristearin
SM	Sphingomyelin		UA	Ursolic acid
SEM	Scanning electron microscopy		VLCFA	Very long chain fatty acids
Span 65	Sorbitantristearate		XRD	X- ray Diffraction
SLC	Soy lecithin		ZP	Zeta potential
SA	Stearic acid		NaH ₂ PO ₄ . 2H ₂ O	Sodium dihydrogen phosphate
TAG	Triacylglyceride		Na ₂ HPO ₄ . 2H ₂ O	Disodium hydrogen phosphate
TM	Tubular myelin			
TEM	Transmission electron microscopy			
TG	Triacylglycerol			
Tween 40	Polyoxyethylene (20) Sorbitan Monopalmitate			
Tween 60	Polyoxyethylene (20) Sorbitan Monostearate			
Tween 80	Polyoxyethylene (20) Sorbitan Monooleate			