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## LIST OF ABBREVIATIONS

ACN	Acetonitrile
AFM	Atomic Force Microscopy
ANOVA	Analysis of Variance
AUC	Area under the plasma concentration -time curve
BP	Blood Pressure
CCB	Calcium Channel Blocker
CH	Cholesterol
CL	Clearance
$C_{max}$	Peak plasma concentration
CV	Coefficient of Variation
CYP450	Cytochrome P450
DCM	Dichloromethane
DOCA	Deoxycorticosterone acetate
DSC	Differential Scanning Calorimetry
EDTA	Ethylene diamine tetra acetic acid
EE	Encapsulation/Entrapment Efficiency
EPC	L- -Phosphatidylcholine (Egg, Chicken)
FTIR	Fourier Transform Infrared Spectroscopy
GALT	Gut Associated Lymphoid Tissue
GI	Gastrointestinal
h	Hour
HQC	High Quality Control
HSPC	L- -phosphatidylcholine, hydrogenated (Soy)
ICH	International conference on Harmonization
IS	Internal Standard
IV	Intravenous
KBr	Potassium bromide
$K_{el}$	Elimination rate constant
$KH_2PO_4$	Potassium dihydrogen phosphate
kV	Kilovolt
LER	Lercanidipine
LLOQ	Lower Limit of Quantification
LOD	Limit of detection
LQC	Low Quality Control
mg	Milligram
min	Minute
mL	Milliliter

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mm Hg	Millimeters of mercury
MQC	Middle Quality Control
MRT	Mean Residence Time
mV	Millivolt
NaOH	Sodium hydroxide
nm	Nanometer
PDI	Poly Dispersity Index
pKa	Acid dissociation constant
PLGA	Poly(D,L-lactide-co-glycolide)
PS	Particle Size
PVA	Poly (vinyl alcohol)
QC	Quality Control
RAAS	Renin-angiotensin-aldosterone system
RH	Relative Humidity
RP-HPLC	Reverse phase-High Performance Liquid Chromatography
rpm	Revolutions per minute
RSD	Relative Standard Deviation
R <sub>t</sub>	Retention time
SD	Standard Deviation
SEM	Standard Error of Mean
SPC	L- -Phosphatidylcholine from soybean
t <sub>1/2</sub>	Half-life
TEM	Transmission Electron Microscopy
T <sub>g</sub>	Glass transition temperature
T <sub>max</sub>	Time to reach the peak plasma concentration
USFDA	United States Food and Drug Administration
UV	Ultra Violet
v/v	Volume/Volume
V <sub>d</sub>	Apparent volume of distribution
w/v	Weight/Volume
w/w	Weight/Weight
XRD	X-Ray Diffraction
ZP	Zeta Potential
μg	Microgram
μL	Microliter
μM	Micromolar
%	Percentage
°C	Degree centigrade