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LIST OF ABBREVIATIONS

°C	=	Degrees Celsius
CAP	=	Capsaicin
cm	=	Centimeter
cm^2.	=	Square centimeters
cm^{-1}	=	Reciprocal centimeters
TRPV1	=	Transient receptor potential vanilloid 1
DW	=	Distilled Water
FTIR	=	Fourier transform infrared spectroscopy
H_2O_2	=	Hydrogen peroxide
HDFs	=	Human dermal fibroblasts
HPLC	=	High-performance liquid chromatography
IL-1β	=	Interleukin-1 beta, lipopolysaccharide
mL	=	milliliter
nm	=	Nanometers
mM	=	Millimolar
MAPK	=	Mitogen-activated protein kinase
NF-**κ**B	=	Nuclear factor kappa-light-chain-enhancer of activated B cells
TDDS	=	Transdermal drug delivery systems
PVA	=	Polyvinyl alcohol
PVP	=	Polyvinylpyrrolidone
SEM	=	scanning electron microscopy SEM
µL	=	Microliter
µg/mL	=	Micrograms per milliliter
w/v	=	weight/volume