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ABBREVIATIONS AND SYMBOLS

CC_{50}	chelating concentration at 50% activity
cm	centimeter
cm^2	square centimeter
DI	deformability index
DLS	dynamic light scattering
D-MEM	dulbecco's modified eagle's medium
DMSO	dimethyl sulfoxide
DPPH	1, 1-Diphenyl-2-picryhydracyl
EDTA	ethylenediaminetetraacetic acid
FBS	fetal bovine serum
g	gram
h	hour
HPLC	high performance liquid chromatography
IC_{50}	tyrosinase inhibition concentration at 50% activity
IPC_{50}	inhibition peroxidation concentration at 50% activity
kDa	kilodalton
kg	kilogram
M	molar
mg	milligram
ml	milliliter
mm	millimeter
MMP	matrix metalloproteinase

mV	millivolt
MW	molecular weight
nm	nanometer
OECD	Organisation for Economic Co-operation and Development
PBS	phosphate-buffered saline
PII	primary irritation index
SC_{50}	scavenging concentration at 50% activity
SD	standard deviation
SDS	sodium dodecyl sulfate
SEM	scanning electron microscope
SLS	sodium luaryl sulfate
SRB	sulphorodamine B
t_{50}	half life
t_{90}	shelf life
TEMED	N,N,N',N'-tetramethyl ethylenediamine
TFA	trifluoroacetic acid
Tween 20	polyoxyethylene sorbitan monolaurate
UV	ultraviolet
vs	versus
w/v	weight by volume
°C	celcius degree
µg	microgram
µl	microliter
µm	micromiter