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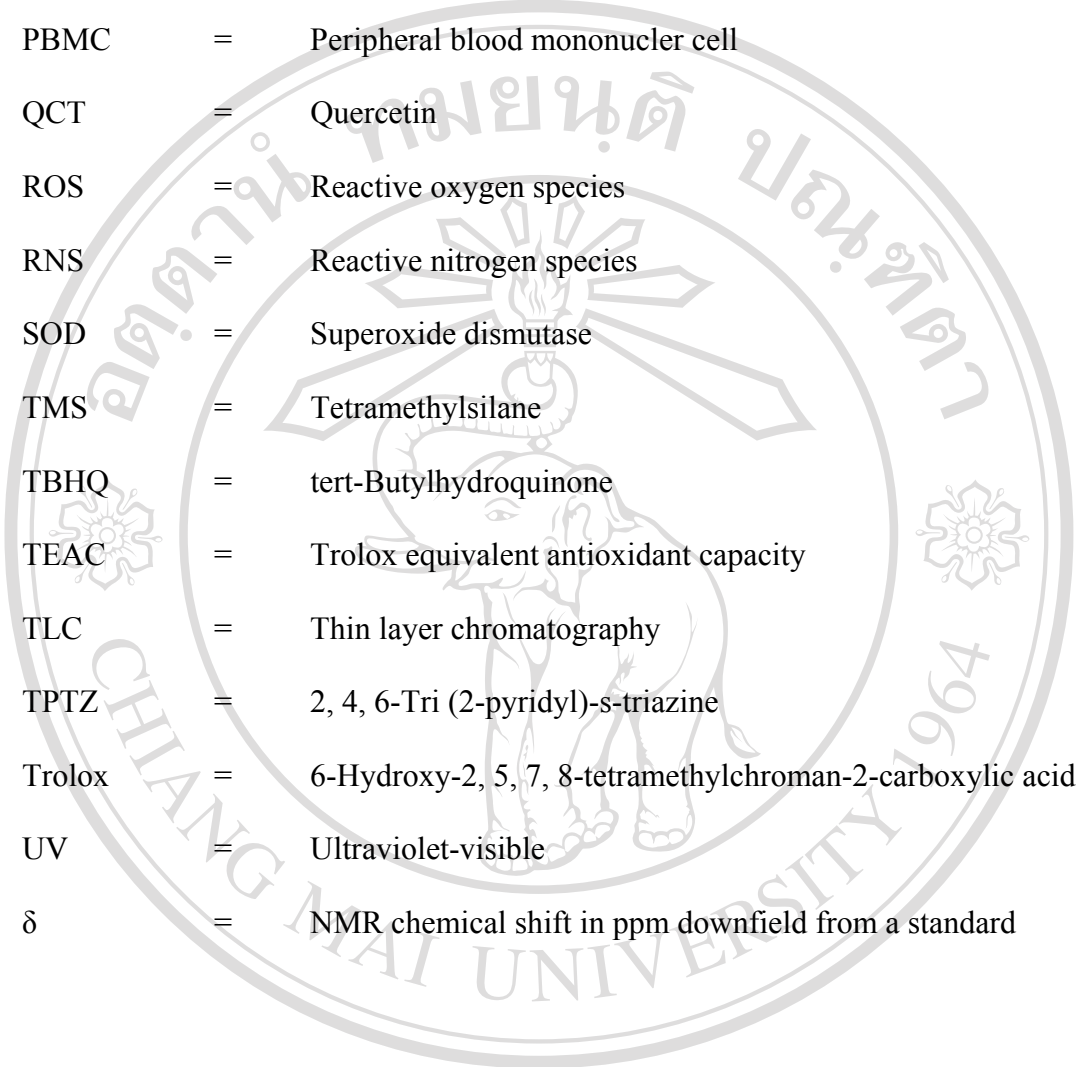
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ABBREVIATIONS AND SYMBOLS

ABTS	=	2, 2'-azino-bis (3-ethylbenzo-thiazoline-6-sulfonic acid) diammonium salt
%AA	=	Percentage of antioxidant activity
BHA	=	Butylated hydroxyanisole
BHT	=	Butylated hydroxytoluene
n-BuOH	=	n-Butanol
CO ₂	=	Carbon dioxide
¹³ C-NMR	=	Carbon 13 nuclear magnetic resonance
DEPT	=	Distortionless enhancement by polarization transfer
DMSO	=	Dimethyl sulfoxide
DNA	=	Deoxyribonucleic acid
DPPH	=	2, 2-diphenyl-1-picryl-hydrazyl
EC	=	Reducing power equivalent concentration
ED ₅₀	=	Effective dose at 50%
EI	=	Electron impact ionization
EtOAc	=	Ethyl acetate
FBS	=	Fetal bovine serum
FeCl ₃ ·6H ₂ O	=	Ferric chloride
FeSO ₄ ·7H ₂ O	=	Ferrous sulfate

FRAP	=	Ferric reducing antioxidant power
FT-IR	=	Fourier transform infrared
HCl	=	Hydrochloric acid
HMBC	=	Heteronuclear multiple-bond correlation
HMQC	=	Heteronuclear multiple quantum coherence
$^1\text{H-NMR}$	=	Proton nuclear magnetic resonance
HPLC	=	High-performance liquid chromatography
IC ₅₀	=	Inhibition concentration at 50%
ID ₅₀	=	Inhibition dose at 50%
IR	=	Infrared
kg	=	Kilogram
K ₂ S ₂ O ₈	=	Potassium persulfate
LDL	=	Low density lipoprotein
MS	=	Mass spectrometry
MHz	=	Megahertz
MeOH	=	Methanol
μg	=	Microgram
μM	=	Micromole
mM	=	Millimolar
mg	=	Milligram
ml	=	Milliliter
MTT	=	3-(4, 5-Dimethylthiazol-2-yl)-2, 5-diphenyltetrazolium bromide
nm	=	Nanometer
NaCl	=	Sodium chloride

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ppm	=	Part per million
p.o	=	Per-oral
PBMC	=	Peripheral blood mononuclear cell
QCT	=	Quercetin
ROS	=	Reactive oxygen species
RNS	=	Reactive nitrogen species
SOD	=	Superoxide dismutase
TMS	=	Tetramethylsilane
TBHQ	=	tert-Butylhydroquinone
TEAC	=	Trolox equivalent antioxidant capacity
TLC	=	Thin layer chromatography
TPTZ	=	2, 4, 6-Tri (2-pyridyl)-s-triazine
Trolox	=	6-Hydroxy-2, 5, 7, 8-tetramethylchroman-2-carboxylic acid
UV	=	Ultraviolet-visible
δ	=	NMR chemical shift in ppm downfield from a standard