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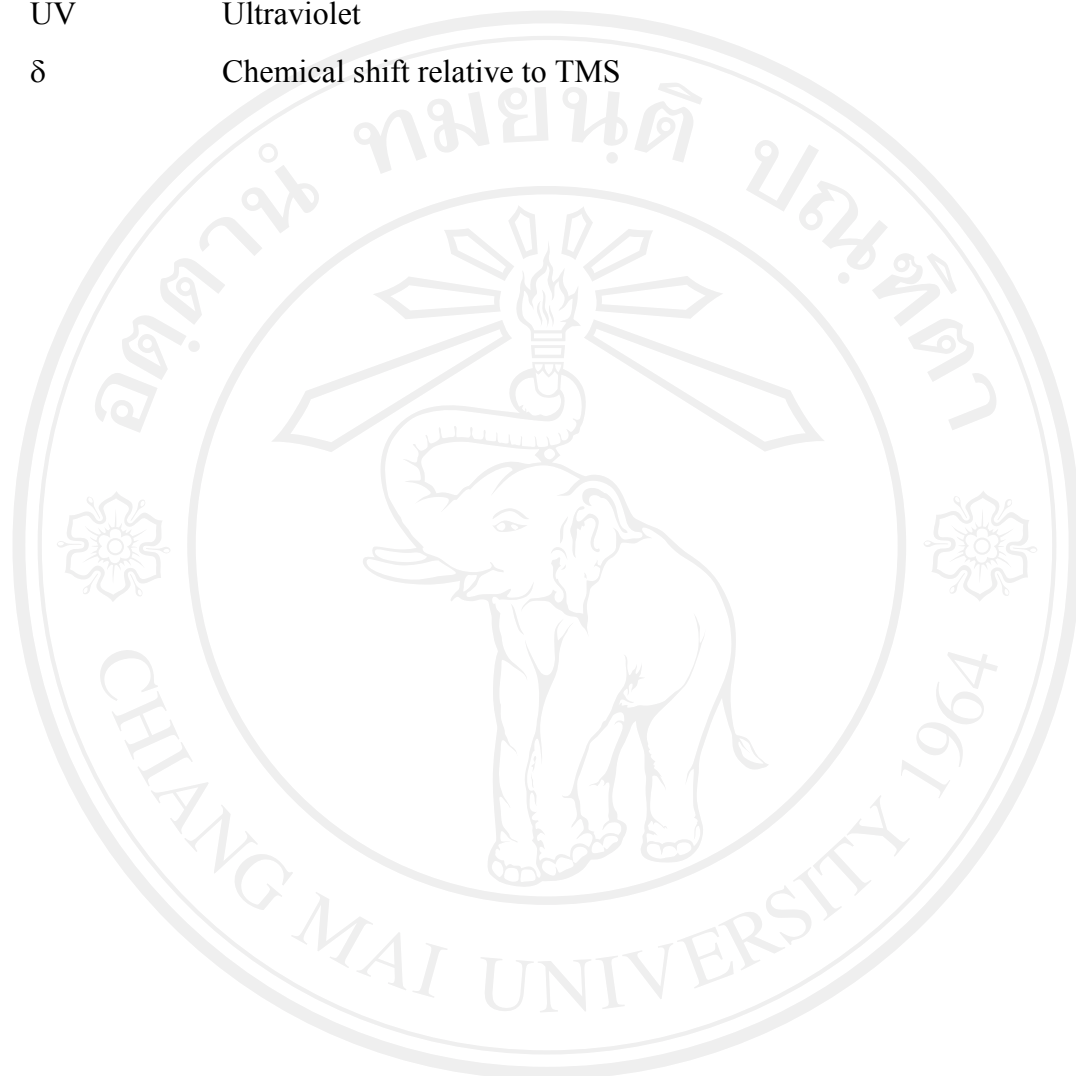
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ABBREVIATIONS AND SYMBOLS

AIDS	Acquired immune deficiency syndrome
ANTH	Anthranilate
AS	anthranilate synthase
<i>br</i>	Broad band
°C	Degree Celsius
cm	Centimeter
CC	Column chromatography
CDC ₁₃	Deuteriochloroform
CPT	Camptothecin
DNA	Deoxyribonucleic acid
DMAPP	dimethylallyl pyrophosphate
DMSO	Dimethyl sulphoxide
DPPH	1,1-diphenyl-2-picrylhydrazyl
DXP	1-Deoxy-D-xylulose 5-phosphate
DXR	1-Deoxy-D-xylulose 5-phosphate reductoisomerase
DXS	1-Deoxy-D-xylulose 5-phosphate Synthase
EtOAc	Ethyl acetate
EtOH	Ethanol
FDA	Food and Drug Administration
g	Gram
G10H	geraniol-10-hydroxylase
hr	hour
10-HGO	10-hydroxygeraniol oxidoreductase
Hex	Hexane
HIV-1	Human immunodeficiency virus type I
¹ H NMR	Proton nuclear magnetic resonance
IC ₅₀	The concentration that resulted in 50% inhibition of the activity
IPP	Isopentenyl diphosphate
ISC	Iscador
<i>J</i>	Coupling constant

LDL	Low density lipoprotein
<i>m</i>	Multiplet
Me	Methyl group
MEP	2C-methyl-d-erythritol-4-phosphate
MeOH	Methanol
MHz	Megahertz
mg	Milligram
mL	Milliliter
mm	Millimeter
MPLC	Medium pressure liquid chromatography
MVA	Mevalonate
MECS	2-C-methyl-D-erythritol-2,4-cyclodiphosphate synthase
NMR	Nuclear Magnetic Resonance Spectroscopy
OD	Diameter
REMA	Resazurin microplate assay
ROS	Reactive oxygen species
<i>s</i>	Singlet
SDA	Sabouraud dextrose agar
SHK	shikimic acid
SRB	Sulforhodamine B
SSS	strictosidine synthase
SLS	secologanin synthase
<i>t</i>	Triplet
TIAs	terpenoid indole alkaloid biosynthesis pathway
TMS	Tetramethylsilane
TLC	Thin layer chromatography
Trp	Tryptophan
TSB	b-subunit of tryptophan synthase
TDC	tryptophan decarboxylase
µg	Microgram
µL	Microliter
UK	United state of Kingdom

USA	United state of America
USFDA	The United States Food and Drug Administration
UV	Ultraviolet
δ	Chemical shift relative to TMS



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