

## Abbreviations

AcOH	:	Acetic acid
Bn	:	Benzyl
bs	:	Broad singlet
calcd	:	Calculated
CDCl <sub>3</sub>	:	Deuterated chloroform
cm	:	Centimeter
COX	:	Cyclooxygenase
d	:	Doublet
dd	:	Doublet of doublets
DCFDA	:	2',7'-Dichlorofluorescein diacetate
DCM	:	Dichloromethane
DMEM	:	Dulbecco's modified Eagle medium
DMF	:	Dimethylformamide
DMSO-d <sub>6</sub>	:	Deuterated dimethyl sulfoxide
DNA	:	Deoxyribonucleic acid
EI	:	Electron ionization
ELISA	:	Enzyme-linked immunosorbent assay
ESI	:	Electron spray ionization
EtOAc	:	Ethyl acetate
EtOH	:	Ethanol
FBS	:	Foetal bovine serum

FTIR	:	Fourier transform infrared spectroscopy
g	:	Gram
GSH	:	Glutathione
h	:	Hour (s)
HRMS	:	High resolution mass spectrometry
Hz	:	Hertz
IL	:	Interleukin
<i>J</i>	:	Coupling constant
JNK	:	c-Jun N-terminal kinase
m	:	Multiplet
Me	:	Methyl
MeOH	:	Methanol
mg	:	Milligram
min	:	Minute (s)
mL	:	Milliliter
mmol	:	Millimole
MMP-9	:	Matrix metalloproteinase-9
mp	:	Melting point
MS	:	Mass spectrometry
MTT	:	3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
NADPH	:	Nicotinamide adenine dinucleotide phosphate
NF-κB	:	Nuclear Factor Kappa B
nM	:	Nanomolar

NMR	:	Nuclear magnetic resonance
PBS	:	Phorbol myristate acetate
Ph	:	Phenyl
q	:	Quartet
quint	:	Quintet
rt	:	Room temperature
s	:	Singlet
t	:	Triplet
td	:	Triplet of doublets
THF	:	Tetrahydrofuran
TLC	:	Thin layer chromatography
TNF	:	Tumor necrosis factor
μg	:	Microgram
μM	:	Micromolar