

ABBREVIATIONS

A ₂₈₀	: Absorbance at 280nm
v _{max}	: Absorption frequency
BLAST	: Basic local alignment search tool
bp	: base pair(s)
cDNA	: Complementary DNA
CTAB	: Cetyltrimethylammonium bromide
δ	: Chemical shift relative to tetramethylsilane (TMS)
C=O	: Lactone group
DCFH DA	: Dichloro-dihydro-Fluorescein Diacetate
DMSO- <i>d</i> 6	: Deuterated dimethyl sulfoxide
DMRT	: Duncan's multiple range test
DNA	: Deoxyribonucleic acid
ESI	: Electro Spray Ionization
FT-IR	: Fourier-transform infrared Raman (FTIR) spectrum
g	: Grams
HPLC	: High performance liquid chromatography
HMBC	: Heteronuclear multiple bond correlation
HSQC	: Heteronuclear single quantum coherence spectroscopy
HRESI-MS	: High resolution electron spray ionization mass spectroscopy
ITS	: Internal transcribed spacer
IC ₅₀	: Half maximal inhibitory concentration
IR	: Infrared
kb	: kilo base pair(s)
λ _{max}	: Maximum wavelength
μL	: Microliter
μM	: Micromolar
MIC	: Minimum inhibitory concentration
MEM	: Minimum essential eagle's medium
MTT	: 3-(4, 5-dimethylthiazol-2-yl)-2, 5-diphenyltetrazoliumbromide
MHA	: Muller Hinton Agar

MHz	: Megahertz
mM	: Millimolar
mg	: Milligram
mL	: Milliliter
mm	: Millimeter
psi	: Pressure unit standing for pounds per square inch
NaCl	: Sodium chloride
NCIM	: National collection of industrial microorganisms
NCCS	: National centre for cell science
nm	: Nanometer
NMR	: Nuclear magnetic resonance spectroscopy
OH	: Hydroxyl group
PBS	: Phosphate buffered saline
PCR	: Polymerase chain reaction
PDB	: Potato dextrose broth
R_f	: Retardation factor
qRT-PCR	: Quantitative real time polymerase chain reaction
SDA	: Sabouraud agar media
SPSS	: Statistical software package
TLC	: Thin layer chromatography
TCA	: Trichloroacetic acid
XRD	: x-ray diffraction