

ABBREVIATIONS

¹³ C NMR- Carbon Nuclear magnetic resonance	MH broth- Mueller Hinton broth
¹ H NMR- Hydrogen or proton Nuclear magnetic resonance	MIC- Minimum Inhibitory concentration
AC- <i>Acinetobacter sp</i>	MRSA- Methicillin resistance <i>S. aureus</i>
ALT- Alanine transaminase	MTT assay- 3-(4,5-dimethylazol-2-yl)-2,5-diphenyl-tetrazolium bromide assay
Ar-H- Aromatic hydrogen	NA- Nutrient agar
BLAST- Basic Local Alignment Search Tool	NCBI- National council of biological information
BP- <i>Bacillus pumilus.</i> ;	PAE- Post antibiotic effect
CDC- Centers for Disease Control and Prevention	PBP 2'- Penicillin binding protein 2
CFU- Colony forming unit	PBS- Phosphate buffer saline
CyP450- Cytochrome P450 enzyme	PCR- Polymerase chain reaction
d- doublet	PS- <i>Pseudomonas sp</i>
dd- doublet of doublet	s- singlet
DMSO- dimethylsulfoxide	SA- <i>S. aureus</i>
EC- <i>E. coli</i>	SAPtase- serum alkaline phosphatase
FT-IR- Fourier transformed Infra red spectroscopy	SGPT- Serum glutamate pyruvate transaminase
GCMS- Gas chromatography cum mass spectra	SHEA- Society for Healthcare Epidemiology of America
GISA- Glycopeptide-intermediate <i>Staphylococcus aureus</i>	SL- <i>Salmonella sp.</i>
HPLC- High pressure liquid chromatography	SMQ- Sterile milliQ
IR- Infra red spectroscopy	STA- <i>Staphylococcus albus</i>
KB- Kilo base	STE- <i>Staphylococcus epidermidis</i>
KBr- Potassium bromide	TLC- Thin layer chromatography
KL- <i>Klebsiella sp.</i>	TMS- Tetramethylsilane
LD50- Lethal dose 50	TSB- Trypticase soya broth
LB- Luria burtani	v/v- volume by volume
M- Molecular ion peak	VISA- vancomycin intermediate-resistant <i>S. aureus</i>
MBC- Minimum bactericidal concentration	VRSA- Vancomycin resistance <i>S. aureus</i>
MCF-7BCEC- breast cancer epithelial cells	