

LIST OF ABBREVIATIONS

µg	Microgram
µl	Microlitre
µM	Micromolar
°C	Degree Centigrade
¹³ C-NMR	Carbon Nuclear Magnetic Resonance
¹ H-NMR	Proton Nuclear Magnetic Resonance
<i>A. tumefaciens</i>	<i>Agrobacterium tumefaciens</i>
<i>B. anthracis</i>	<i>Bacillus anthracis</i>
<i>B. aureus</i>	<i>Boletus aureus</i>
<i>B. subtilis</i>	<i>Bacillus subtilis</i>
<i>C. albicans</i>	<i>Candida albicans</i>
Caco-2	carcinoma of colon
Calcd.	Calculated
COX	Cyclooxygenase
DHPS	Dihydropteroate synthase
D ₂ O	Deuterated water
DMF	Dimethyl formamide
DMSO	Dimethyl Sulfoxide
DNA	Deoxyribonucleic acid
DTP	Developmental Therapeutics Program
<i>E. coli</i>	<i>Escherichia coli</i>
EGFR	epidermal growth factor receptor
EIMS	Electron Impact Mass Spectrum
FTC238	Follicular thyroid carcinoma
g	gram
GI ₅₀	Growth inhibition of 50%
h	Hour
HELA	Henrietta Lacks
HepG2	Hepatoplastoma G
IC ₅₀	The sample concentrations that kill 50% cells compared to control
ID	Identity number
IR	Infrared
IZ	Inhibition zone
<i>K. pneumoniae</i>	<i>Klebsiella pneumoniae</i>
<i>M. Luteus</i>	<i>Micrococcus luteus</i>
<i>M. tuberculosis</i>	<i>Mycobacterium tuberculosis</i>
M. Wt	Molecular weight
M.p.	Melting point
MARSA	Methicillin and amino glycosides resistant <i>S.aureus</i>
MBC	Minimum bactericidal concentration
MCF-7	Michigan Cancer Foundation - 7
MFC	Minimum fungicidal concentration
mg/ml	Milligram/milliliter
MHz	Mega Hertz
MIC	Minimum inhibitory concentration
ml	millilitre

mm	millimetre
mmol	millimole
MOE	Molecular Operating Environment
MS	Mass spectrosopy
MTT	3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
NCI	National Cancer Institute
NSAIDs	Non steroidal anti inflammatory drugs
<i>P. aeruginosa</i>	<i>Pseudomonas aeruginosa</i>
<i>P. vulgaris</i>	<i>Proteus vulgaris</i>
PDB	Protein Data Bank
ppm	Part per million
<i>S. aureus</i>	<i>Staphylococcus aureus</i>
<i>S. pyogenes</i>	<i>Streptococcus pyogenes</i>
SAR	Structure Activity Relationship
TLC	Thin layer chromatography
Ti	Test growth in the presence of drug at five concentration levels
TMS	Tetramethylsilan
Tz	Cell population foe rach cell line at the time of drug addition
UV	Ultraviolet
VEGF	Vascular endothelial growth factor
<i>X. campestris</i>	<i>Xanthomonas campestris</i>

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