

List of Abbreviations/Symbols

ACN- Acetonitrile	MJ/MCJ- Monacolin J
ACP- Acyl carrier protein	MS- Mass spectroscopy
AMU-Atomic mass unit	MTT- Methyl thioazole tetrazolium
BLAST- Basic local alignment search tool	NCBI – National Center for Biotechnology Information
bp – base pair	OD – Optical Density
CHD - Coronary Heart Disease	PCR - Polymerase chain reaction
Conc. - Concentration	pH- Power of hydrogen
CT- Cocktail mix	PKS- Polyketide synthase
CVD - Cardiovascular disease	Rf- Retardation factor
DKS- Diketide synthase	RMSD- Root mean square deviation
DMB- 2, 2-dimethylbutyrate	SDA- Sabaroud dextrose agar
DNA- Deoxyribose nucleic acid	SMF- Submerged fermentation
EDTA – Ethylene diamine tetra acetic acid	SSF- Solid state fermentation
EtBr - Ethidium bromide	SV- Simvastatin
FAS- Fatty acid synthases	Temp- Temperature
FDA- Food and drug administration	TG-Triglycerides
HDL - High-density lipoprotein	TLC- Thin layer chromatography
HMG-CoA- 3-hydroxy-3-methylglutaryl CoA	VLDL - Very low-density lipoprotein
HMGR/HMGCR- HMG-CoA reductase	YEPD- Yeast extract peptone dextrose
HPLC- High performance liquid chromatography	ZOI- Zone of inhibition
IR- Infra red	
KBr- Potassium bromide	
LB- Luria broth	
LDL – Low density lipoprotein	
LNKS- Lovastatin nonaketide synthase	
LV- Lovastatin	