

## ABBREVIATIONS AND SYMBOLS

mol	-	mole
g	-	gram
mL	-	milliliter
min	-	minute
m.pt	-	melting point
h	-	hour
CT	-	DNA-Calf thymus DNA
nm	-	nanometer
DTA	-	Differential Thermal Analysis
DFT	-	Density Functional theory
HOMO	-	Highest Occupied Molecular Orbital
LUMO	-	Lowest Unoccupied Molecular Orbital
MIC	-	Minimum Inhibitory Concentration
DMF	-	Dimethylformamide
DMSO	-	Dimethylsulphoxide
ml	-	milliliter
LMCT	-	Ligand to Metal Charge transition
MTT	-	MethylthiazolTetrazolium
$\beta$ -CD	-	$\beta$ -cyclodextrin
MEP	-	Molecular Electrostatic potential
OLEDs	-	Optical Light Emitting diodes
IZ	-	inhibition zone
DPPH	-	2-2'-diphenyl-2-picryl-hydrazyl
ppm	-	parts per million
EI-MI	-	Electron impact mass spectra
PET	-	Photoinduced electron transfer