

ABBREVIATIONS

| | | | |
|---------------|----------------------------------|-----------|--|
| μB | Bohr Magneton | mp | Melting point |
| Abs. | Absorbance | nm | Nanometer |
| λ | Wavelength | UV | Ultraviolet |
| ε | Extinction coefficient | Vis. | Visible |
| $\bar{\nu}$ | Wavenumber | MS | Mass spectroscopy |
| s | Singlet | NMR | Nuclear magnetic resonance |
| d | Doublet | TGA | Thermogravimetric analysis |
| t | Triplet | LC-MS | Liquid chromatography –mass spectrometry |
| dd | Doublet of doublet | CD | Circular dichroism |
| dt | Doublet of triplet | RNA | Ribose nucleic acid |
| q | Quartet | ROS | Reactive oxygen species |
| m | Multiplete | FT-IR | Fourier transform infrared |
| sy | Symmetric | L | Linear |
| asy | Asymmetric | OC | Open circular |
| MHz | Mega Hertz | SC | Supercoiled |
| EtBr | Ethidium bromide | bp | Base pairs |
| ppm | Parts per million | NBT | Nitro blue tetrazolium |
| K b | Binding constant | SOD | Superoxide dismutase |
| LB | Luria broth | PMS | Phenazine methosulphate |
| LLCT | Ligand to ligand charge transfer | NADH | Nicotinamide adenine dinucleotide |
| LMCT | Ligand to metal charge transfer | mol. wt. | Molecular weights |
| CFU | Colony forming unit | Gram(+ve) | Gram-positive |
| DNA | Deoxyribonucleic acid | Gram(-ve) | Gram-negative |
| MIC | Minimum inhibitory concentration | SAR | Structural activity relationship |
| MLCT | Metal to ligand charge transfer | GFL | Gatifloxacin |
| Cis-platin | cis-diamine dichloroplatinum | LFL | Levofloxacin |
| MFL | Moxifloxacin | phen | 1,10-Phenanthroline |