List of Abbreviations

MTT- 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide

DNA- Deoxyribo nucleic acid

aq. - Aqueous

IR - Infra red

UV - UltraViolet

NMR - Nuclear magnetic resonance

TGA - Thermo gravimetric analysis

TG - Thermogravimetry

DTG - Differential thermogravimetry

DTA - Differential thermal analysis

DFT - Density functional theory

HOMO - Highest occupied molecular orbital

LUMO - Lowest unoccupied molecular orbital

DMF - Dimethyl formamide

DMSO - Dimethyl sulphoxide

dtc - Dithiocarbamate

TLC - Thin layer chromatography