

# ACRONYMS AND ABBREVIATIONS

ct-DNA	Calf Thymus Deoxy Ribonucleic acid
dpip	3,5-dimethyl-1-((3-phenylimidazolidin-1-yl)-methyl)-1H-pyrazole
DMF	Dimethyl Formamide
MTT	3-(4,5-Dimethylthiazol-2-Yl)-2,5-Diphenyltetrazolium Bromide
DMSO	Dimethyl sulfoxide
UV	Ultra Violet
CCDC	Chembridge Crystallographic Data Center
MeTPyA	Tris(3,5-dimethyl-1-pyrazolylmethyl)amine
TPyA	Tris(1H-pyrazolylmethyl)amine
bipy	Bipyridine
H <sub>2</sub> DPC	Pyridyl-2,6-bicarboxylate
DMPzA	Bis(3,5-bimethyl-pyrazolmethyl)amine
L1N4	Tris(3,5-diisopropylpyrazol-1-ylmethyl)amine
ORTEP	Oak Ridge Thermal Ellipsoid Plot
LB	Luria Bertani
bdpab	<i>N,N</i> -bis(3,5-dimethyl-1H-pyrazol-1-yl)methyl- <i>N</i> <sub>2</sub> -phenylethane-1,2-diamine.
bdmpe	<i>N,N</i> -bis((3,5-dimethyl-1 <i>H</i> -pyrazol-1-yl)methyl)-2-(phenylthio)ethan-1-amine.
bpmpe	<i>N,N</i> -bis((1H-pyrazol-1-yl)methyl)-2-(phenylthio)ethan-1-amine.
dmpe	<i>N</i> -((3,5-dimethyl-1 <i>H</i> -pyrazol-1-yl)methyl)-2-(phenylthio)ethan-1-amine
MIC	Minimum Inhibitory Concentration
bmpz	2-(1H-pyrazol-1-yl)- <i>N,N</i> -bis(1H-pyrazol-1-yl-methyl)ethanamine
bepz	2-(1H-pyrazol-1-yl)- <i>N</i> -[2-(1H-pyrazol-1-yl)ethyl]- <i>N</i> -(1Hpyrazol-1-ylmethyl)ethanamine
MLCT	Metal to ligand charge transfer
dbdmp	<i>N,N</i> -diethyl- <i>N',N'</i> -bis((3,5-dimethyl-1 <i>H</i> -pyrazol-1-yl)methyl)ethane-1,2-diamine
dbp	<i>N',N'</i> -bis((1 <i>H</i> -pyrazol-1-yl)methyl)- <i>N,N</i> -diethylethane-1,2-diamine
EO	End on

EE	End-to-End
EPR	Electron Paramagnetic Resonance
NMR	Nuclear Magnetic Resonance
LMCT	Ligand to Metal Charge Transfer
LUMO	Lowest Unoccupied Molecular Orbital
Vis	Visible
TLC	Thin Layer Chromatography
DFT	Density Functional Theory
Hmed	<i>N</i> -(2-mercaptoethyl)-3,5-dimethylpyrazole
bntp	1,5-bis(3,5-dimethylpyrazol-1-yl)-3-thiapentane
bddo	1,8-bis(3,5-dimethyl-1-pyrazolyl)-3,6-dithiaoctane