

## ACRONYMS AND ABBREVIATIONS

Tris-HCl	Tris(hydroxymethyl)aminomethane hydrochloride.
CT-DNA	Calf Thymus Deoxy Ribo Nucleic acid
EB	Ethidium Bromide
CV	Cyclic Voltammetry
BSA	Bovine Serum Albumin
HSA	Human Serum albumin
DMF	<i>N,N</i> -Dimethyl formamide
UV	Ultra Violet
CCDC	Chembridge Crystallographic Data Cener
MTT	3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl-tetrazolium bromide
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
debd	2,5-bis(3,5-dimethyl pyrazol-1-ylmethyl)-2,5-diazahehexane
ddad	3,6-dimethyl-1,8-(3,5-dimethyl-1-pyrazolyl)-3,6-diazaoctane
bedp	1,4-bis(2-ethyl-(3,5-dimethyl-1-pyrazolyl))-piperazine
HZPC	Pyrazole-carboxylate
chbp	<i>N,N</i> -bis(pyrazol-1-yl-methyl)piperazine
chbd	<i>N,N</i> -bis(3,5-dimethylpyrazol-1-yl-methyl)piperazine
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
N <sub>4</sub> -mpz	2,2-bis[[3,5-dimethylpyrazol-1-yl)methyl]amino]-1,10-biphenyl
L <sub>1</sub>	<i>N',N'</i> -bis(pyrazol-1-ylmethyl)]- <i>N,N</i> -dimethylethylenediamine
L <sub>2</sub>	<i>N',N'</i> -bis(3,5-dimethylpyrazol-1-ylmethyl)]- <i>N,N</i> -dimethylethylenediamine
L <sub>3</sub>	<i>N,N</i> -bis(3,5-dimethylpyrazol-1-ylmethyl)aminomethylpyridine
L <sub>3</sub>	<i>N</i> -(3,5-dimethylpyrazol-1-ylmethyl)aminomethylpyridine

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
EPR	Electron Paramagnetic Resonance
IR	Infra red
FTIR	Fourier Transformation Infra red
NMR	Nuclear Magnetic Resonance
LMCT	Ligand to Metal Charge Transfer
LUMO	Lowest Unoccupied Molecular Orbital
Vis	Visible
TLC	Thin Layer Chromatography
FBS	Fetal Bovine Serum
TP	Thymidine Phosphorylase