Supplementary materials

Table S 1 Relevant geometrical parameters (Å, °) with su's in parentheses. [i] denotes the symmetry operation 1-x,1-y,1-z. X and Y are mean planes of the phenyl and thiazole rings in the ligand molecules.

Polymer1		**Polymer2**	
Cu1-N11A	1.997(2)	Ag1-N5A	2.305(4)
Cu1-N5B	2.060(2)	Ag1-N11A	2.514(3)
Cu1-N11B	2.116(2)	Ag1-N5B	2.335(4)
Cu1-N1C	1.969(2)	Ag1-N11B	2.428(3)
N11A-Cu1-N5B	120.58(8)	N5A-Ag1-N11A	70.90(11)
N11A-Cu1-N11B	123.67(8)	N5A-Ag1-N5B	133.55(12)
N11A-Cu1-N1C	106.45(9)	N5A-Ag1-N11B	119.34(10)
N5B-Cu1-N11B	80.47(8)	N11A-Ag1-N5B	117.70(12)
N5B-Cu1-N1C	115.62(9)	N11A-Ag1-N11B	156.12(11)
N11B-Cu1-N1C	108.45(9)	N5B-Ag1-N11B	72.45(11)
N5A-C6A-C7A-S8A	2.9(3)	N5A-C6A-C7A-S8A	-179.9(3)
N5A-C6A-C7A-C11A	-176.0(2)	N5A-C6A-C7A-C11A	-0.5(6)
N5B-C6B-C7B-S8B	-170.24(19)	N5B-C6B-C7B-S8B	-179.3(3)
N5B-C6B-C7B-N11B	9.1(4)	N5B-C6B-C7B-N11B	-2.1(6)
X/Y	A: 85.3(2) B: 75.4(2)	X/Y	A: 73.1(3) B: 83.9(3)

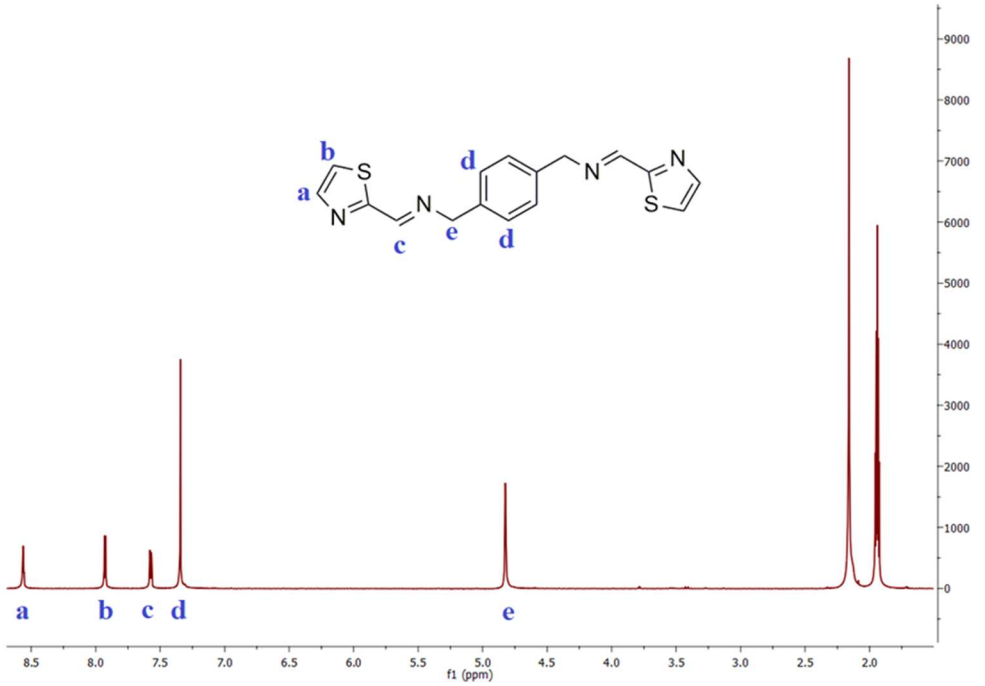

*Figure S 1 [1]H NMR spectrum of ligand **L1** in ACN-d3.*

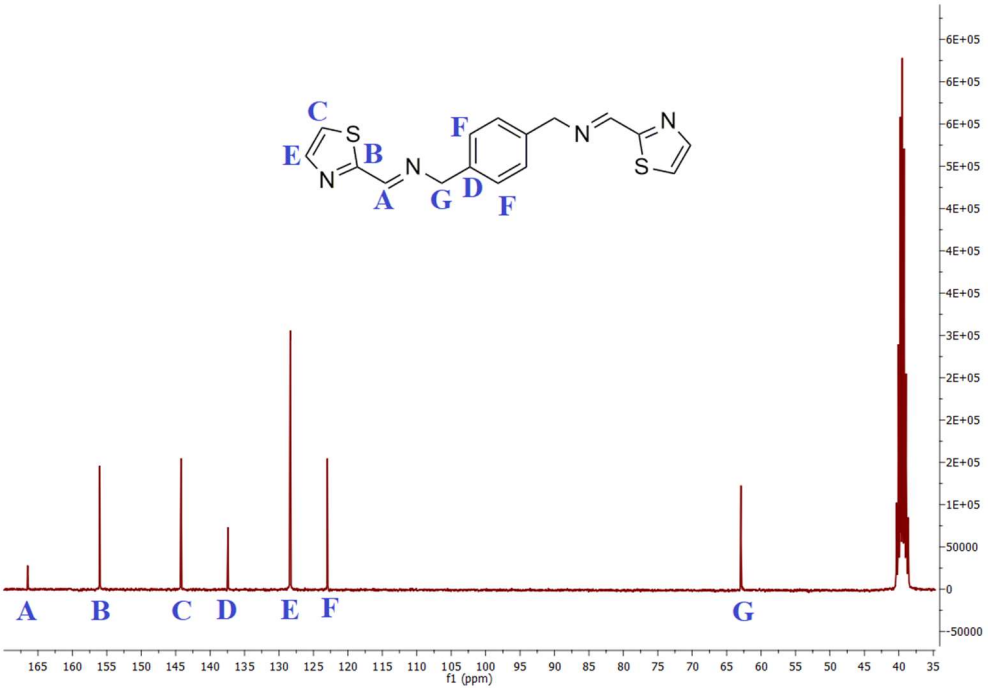

*Figure S 2 [13]C NMR spectrum of ligand **L1** in DMSO-d6.*

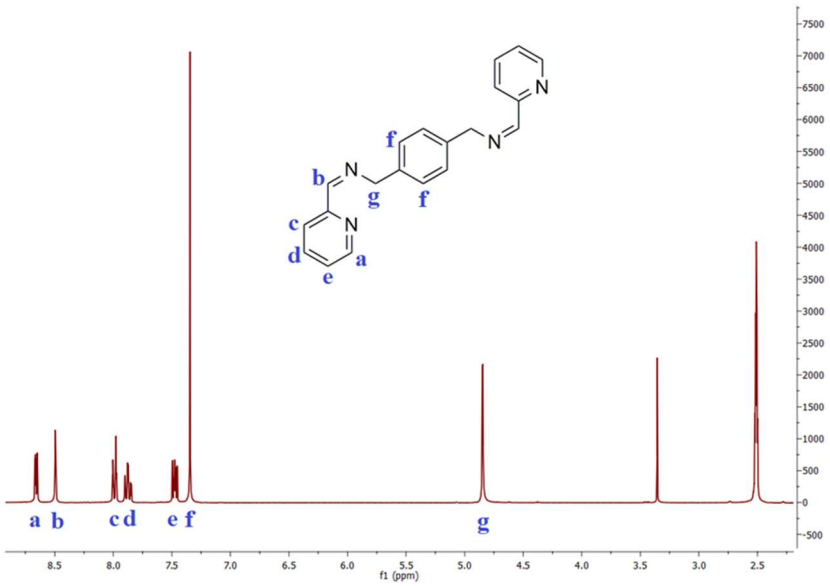

*Figure S 3 ^{1}H NMR spectrum of ligand **L2** in DMSO-d6.*

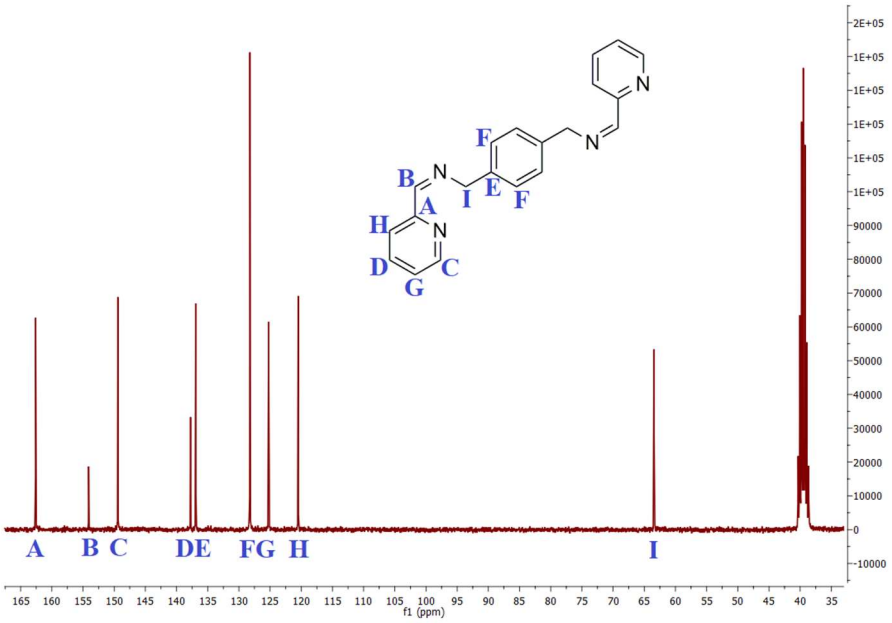

*Figure S 4 ^{13}C NMR spectrum of ligand **L2** in DMSO-d6.*

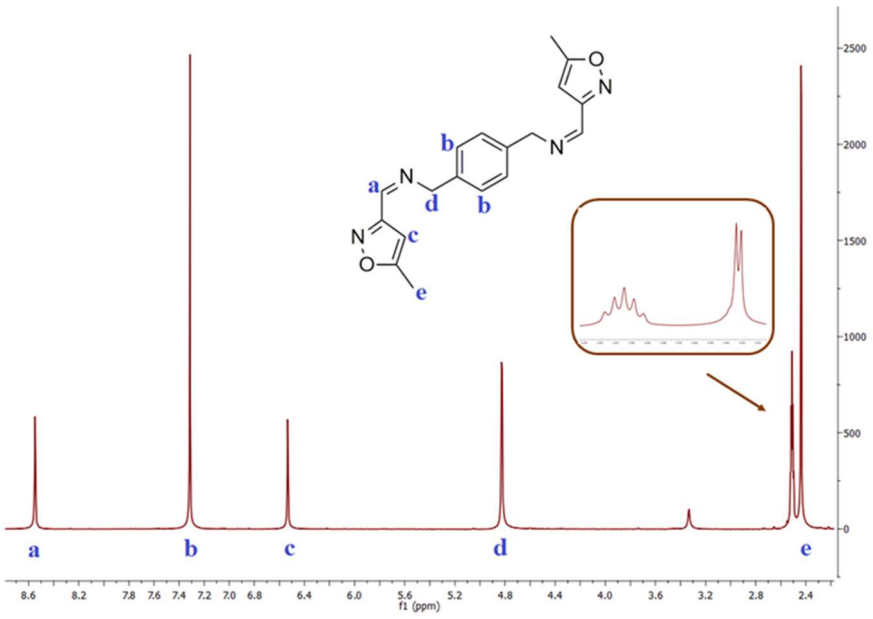

*Figure S 5 ^{1}H NMR spectrum of ligand **L3** in DMSO-d6.*

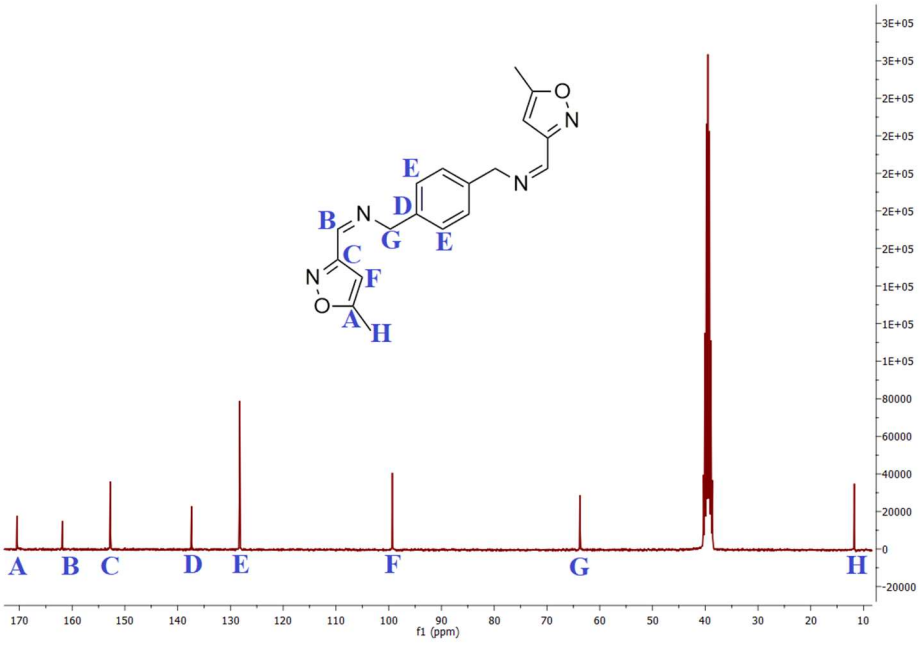

*Figure S 6 ^{13}C NMR spectrum of ligand **L3** in DMSO-d6.*

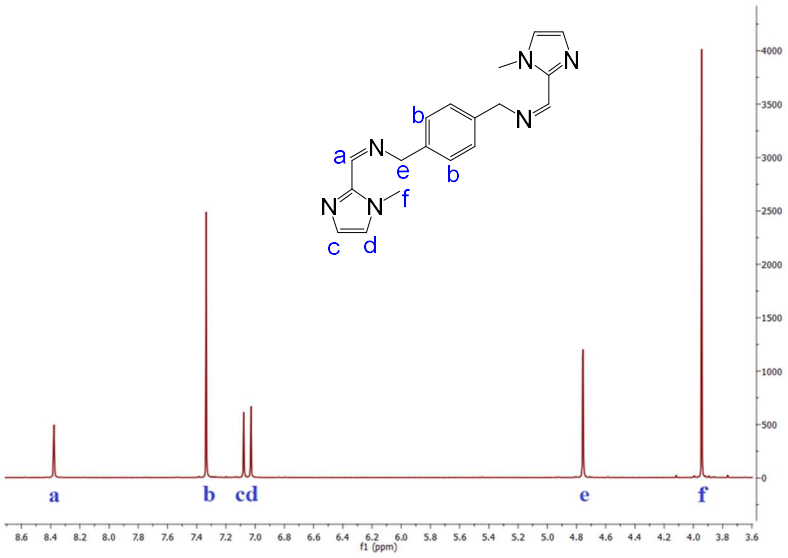

Figure S 7 ^{1}H NMR spectrum of ligand **L4** in ACN-d3.

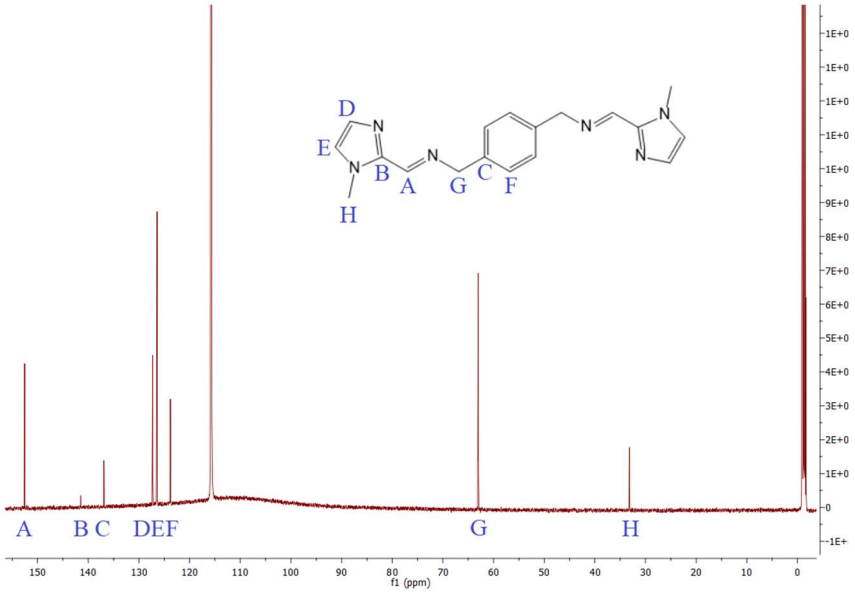

*Figure S 8 ^{13}C NMR spectrum of ligand **L4** in ACN-d3.*

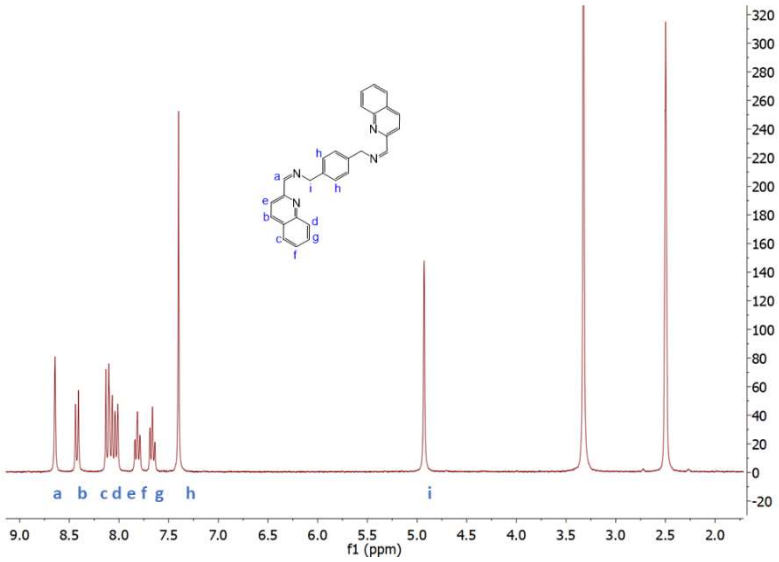

*Figure S 9 [1]H NMR spectrum of ligand **L5** in DMSO-d6.*

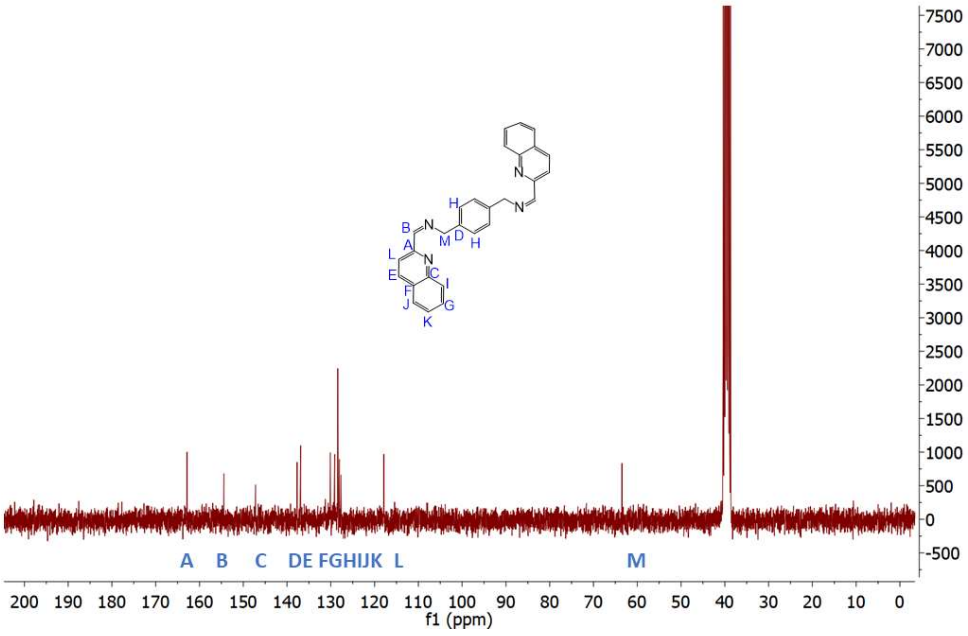

*Figure S 10 [13]C NMR spectrum of ligand **L5** in DMSO-d6.*

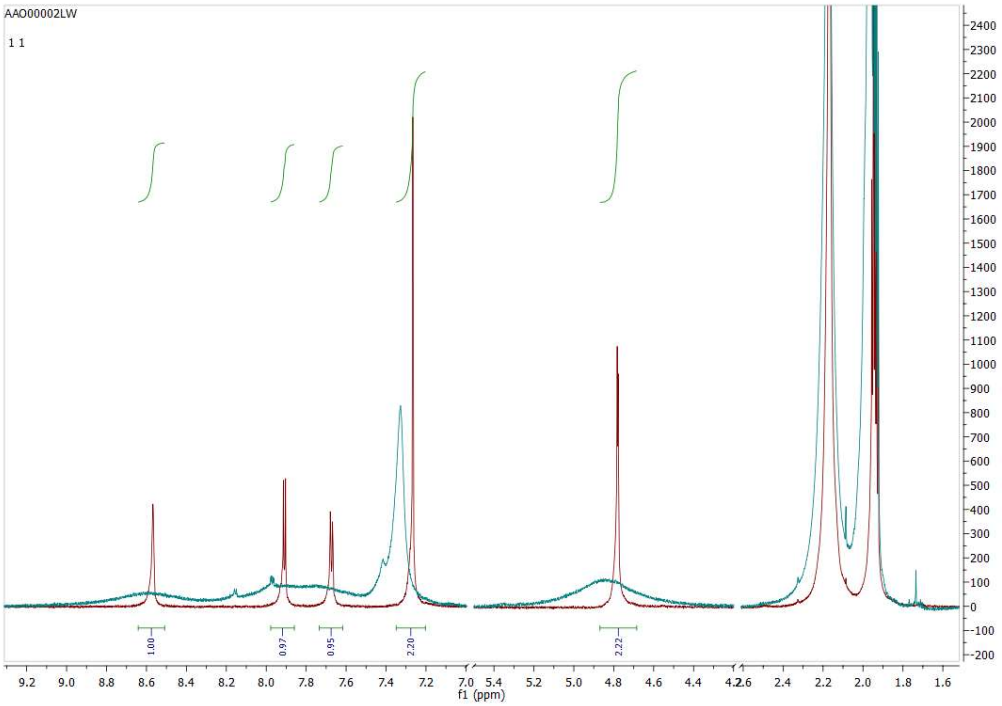

Figure S 11 ***Superimposed ^{1}H NMR spectra of L1 and coordination polymer {[Cu**L1**]PF_6}$_n$ in ACN-d3.***

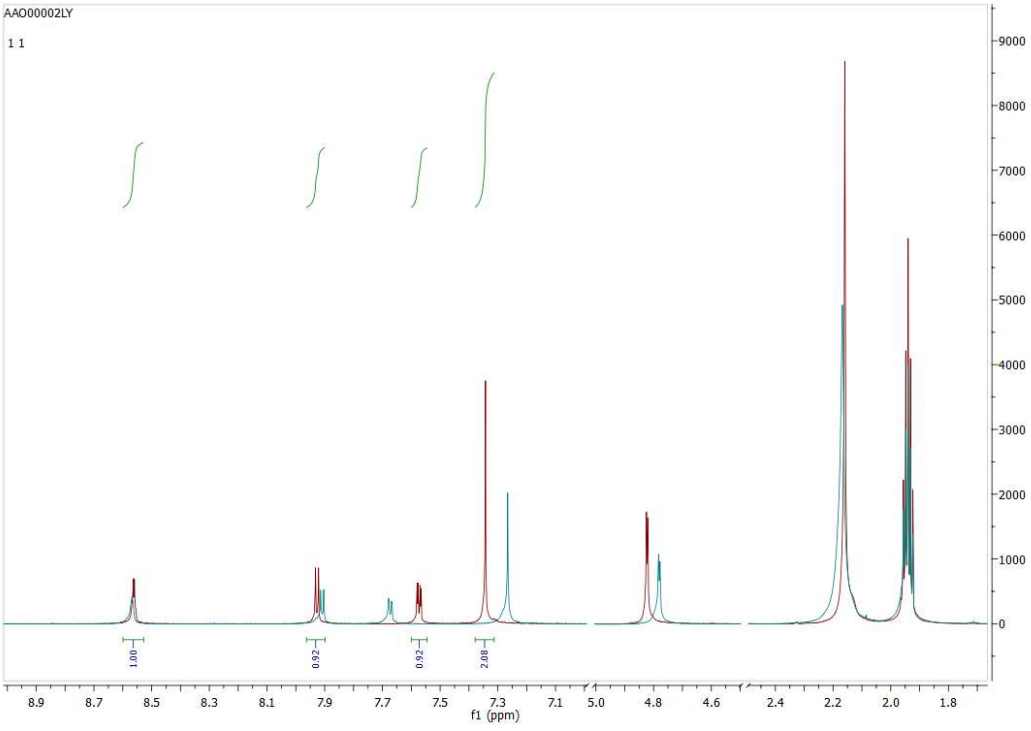

Figure S 12 ***Superimposed ^{1}H NMR spectra of L1 and coordination polymer {[Ag**L1**]BF_4}$_n$ in ACN-d3.***

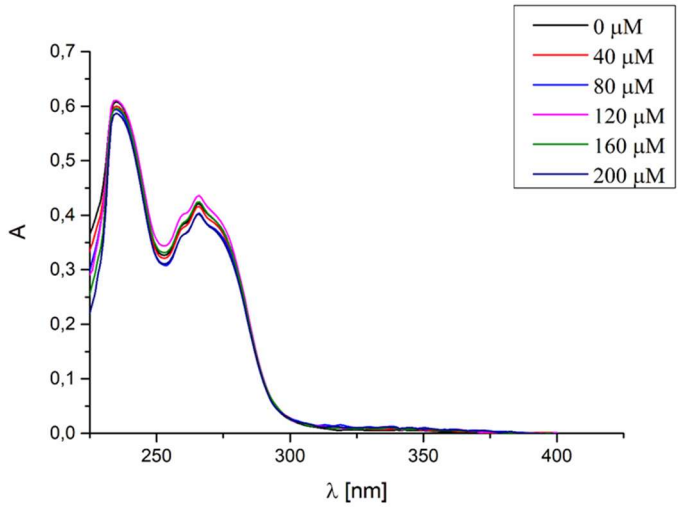

Figure S 13 *Spectrophotometric titration of **L2** ligand with CT-DNA.*

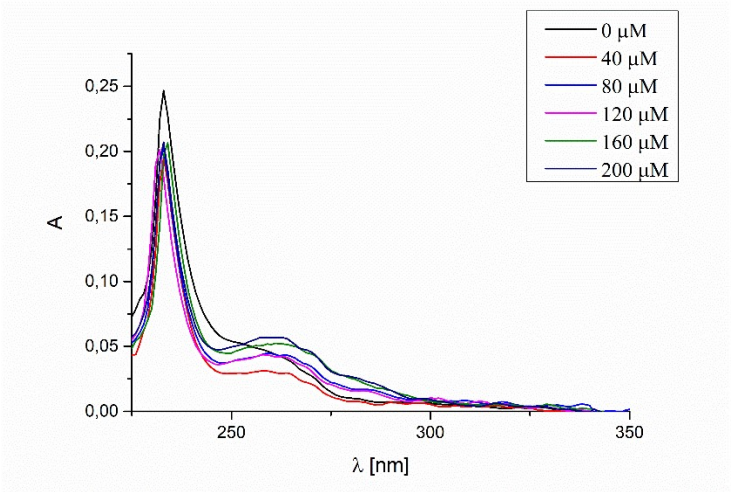

Figure S 14 *Spectrophotometric titration of **L3** ligand with CT-DNA.*

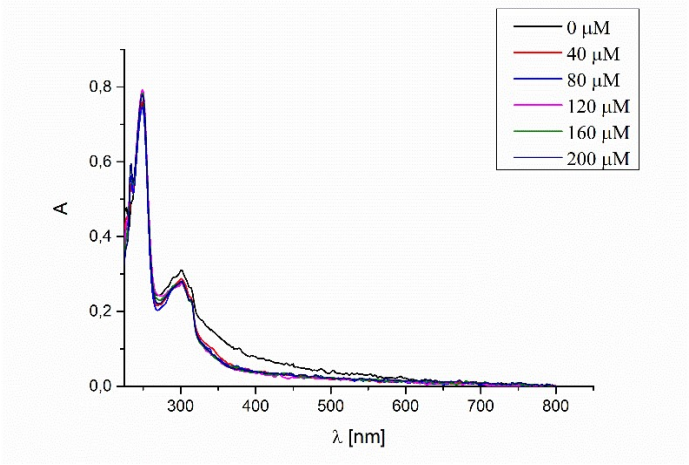

Figure S 15 *Spectrophotometric titration of **L4** ligand with CT-DNA.*

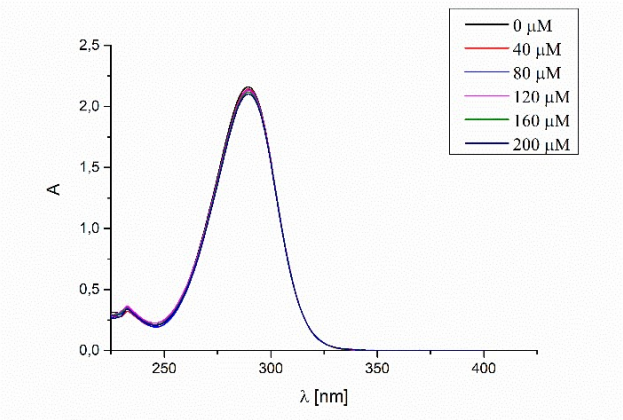

Figure S 16 *Spectrophotometric titration of **L5** ligand with CT-DNA.*

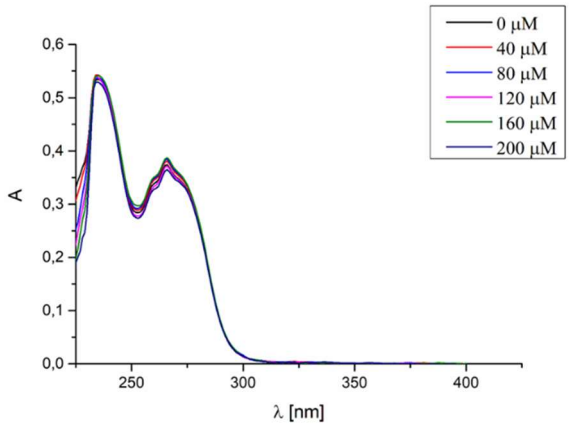

Figure S 17 *Spectrophotometric titration of **L2** ligand with RNA.*

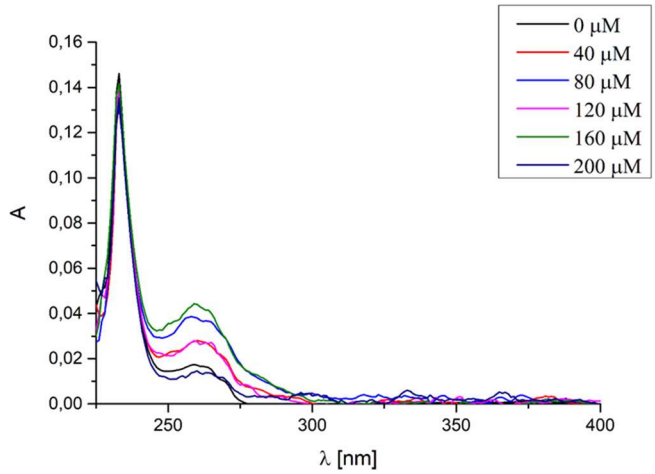

Figure S 18 *Spectrophotometric titration of **L3** ligand with RNA.*

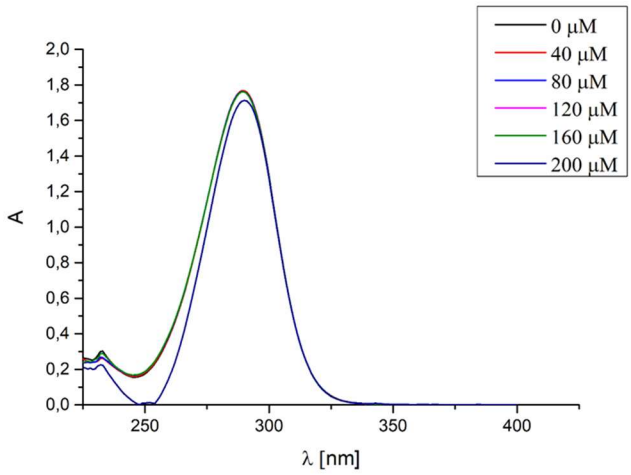

Figure S 19 *Spectrophotometric titration of **L4** ligand with RNA.*

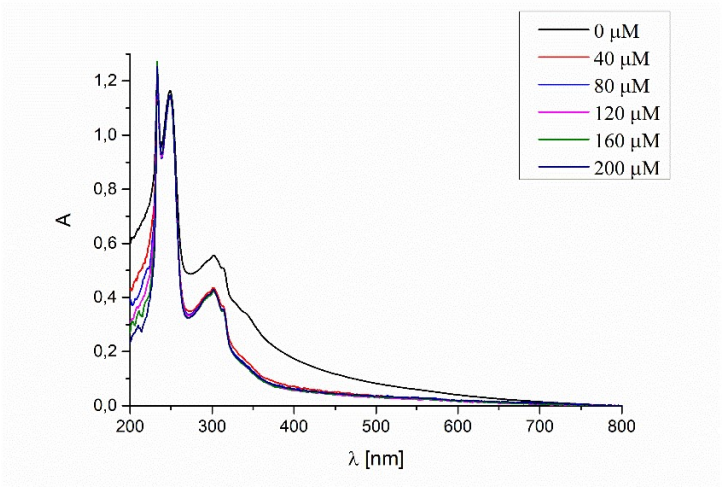

Figure S 20 *Spectrophotometric titration of **L5** ligand with RNA.*