Table S1. Crystal data and structure refinement for C1-C3.

Complexes	C1	C2	C3
Empirical formula	$C_{16}H_{10}Cl_2CuN_2O$	$C_{21}H_{15}Cl_2N_3OZn$	$C_{17}H_{18}Cl_2MnN_2O_4$
Formula weight	380.70	461.63	440.17
Crystal system	monoclinic	triclinic	triclinic
Space group	$P2_1/c$	P-1	P-1
a/Å	14.3656(10)	9.607(5)	7.080(4)
b/Å	14.9057(8)	10.533(6)	11.346(6)
c/Å	6.8654(4)	11.070(7)	13.326(7)
α/°	90.00	79.41(5)	107.037(8)
β/°	90.238(6)	64.70(6)	100.842(9)
γ/°	90.00	87.98(4)	105.105(9)
Volume/Å^3	1470.07(16)	994.3(10)	946.7(9)
μ/mm^{-1}	1.850	1.520	1.004
F(000)	764.0	468.0	450.0
Reflections collected	6906	7331	11247
Goodness-of-fit on F^2	1.076	1.009	0.959
Final R indexes [I>=2σ (I)]	R_1 = 0.0461, wR_2 = 0.0869	R_1 = 0.0751, wR_2 = 0.1902	R_1 = 0.0459, wR_2 = 0.1099
Final R indexes [all data]	R_1 = 0.0715, wR_2 = 0.0933	R_1 = 0.1161, wR_2 = 0.2492	R_1 = 0.0899, wR_2 = 0.1350

Table S2. Bond lengths /Å and bond angles /° for C1-C3.

C1			
Cu1-Cl2	2.2479(11)	O1-Cu1-Cl2	97.10(9)
Cu1-O1	1.959(3)	O1-Cu1-N2	162.74(12)
Cu1-N1	1.944(3)	N1-Cu1-Cl2	148.78(10)
Cu1-N2	2.076(3)	N1-Cu1-O1	83.90(12)
N2-Cu1-Cl2	99.79(9)	N1-Cu1-N2	79.82(13)
C2			
Cl2-Zn	2.225(2)	N2-Zn-Cl2	98.25(14)
N2-Zn	2.365(5)	N3-Zn-O1	91.4(2)
N3-Zn	2.077(6)	N3-Zn-N2	95.2(2)
O1-Zn	2.066(5)	N1-Zn-Cl2	134.60(18)
N1-Zn	2.061(6)	N1-Zn-O1	80.0(2)
N2-Zn-O1	153.16(19)	N1-Zn-N2	73.3(2)
N3-Zn-Cl2	115.96(16)	N1-Zn-N3	110.2(2)
C3			
Mn1-Cl2	2.5214(18)	O1-Mn1-Cl2	95.59(8)
Mn1-O1	2.187(3)	O1-Mn1-O2	90.69(11)
Mn1-O3	2.163(3)	O1-Mn1-N1	73.98(10)
Mn1-O2	2.249(4)	O1-Mn1-N2	145.92(10)
Mn1-N1	2.219(3)	O3-Mn1-Cl2	84.59(10)
Mn1-N2	2.364(3)	O3-Mn1-O1	97.30(11)
O2-Mn1-N2	86.00(11)	O3-Mn1-O2	87.13(13)
N1-Mn1-Cl2	99.51(8)	O3-Mn1-N1	170.61(12)
N1-Mn1-O2	89.46(11)	O3-Mn1-N2	116.35(12)
N1-Mn1-N2	72.08(11)	O2-Mn1-Cl2	170.18(9)
N2-Mn1-Cl2	92.95(8)		

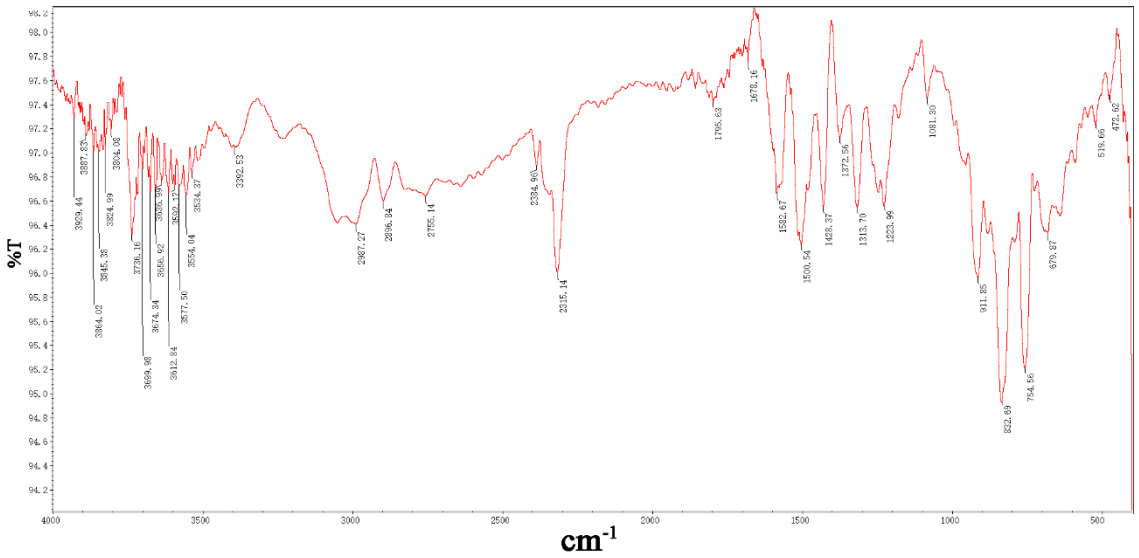

Figure S1. IR spectrum of L.

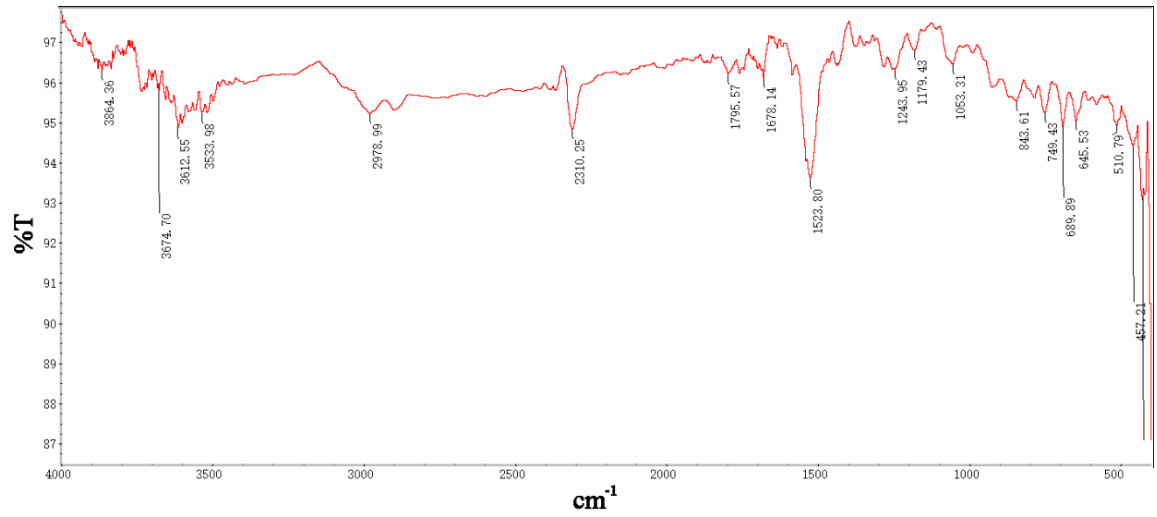

Figure S2. IR spectrum of C1.

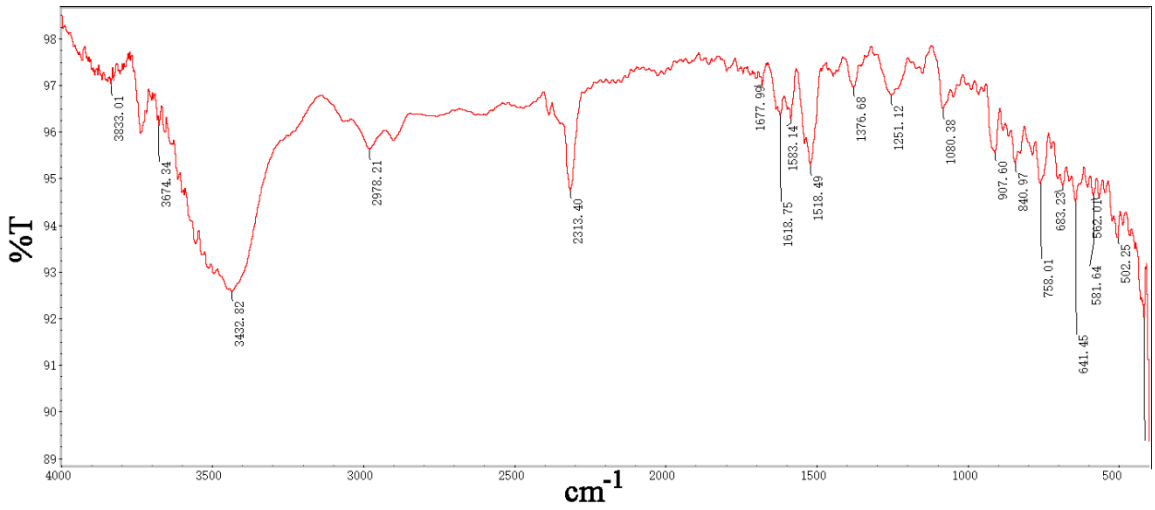

Figure S3. IR spectrum of C2.

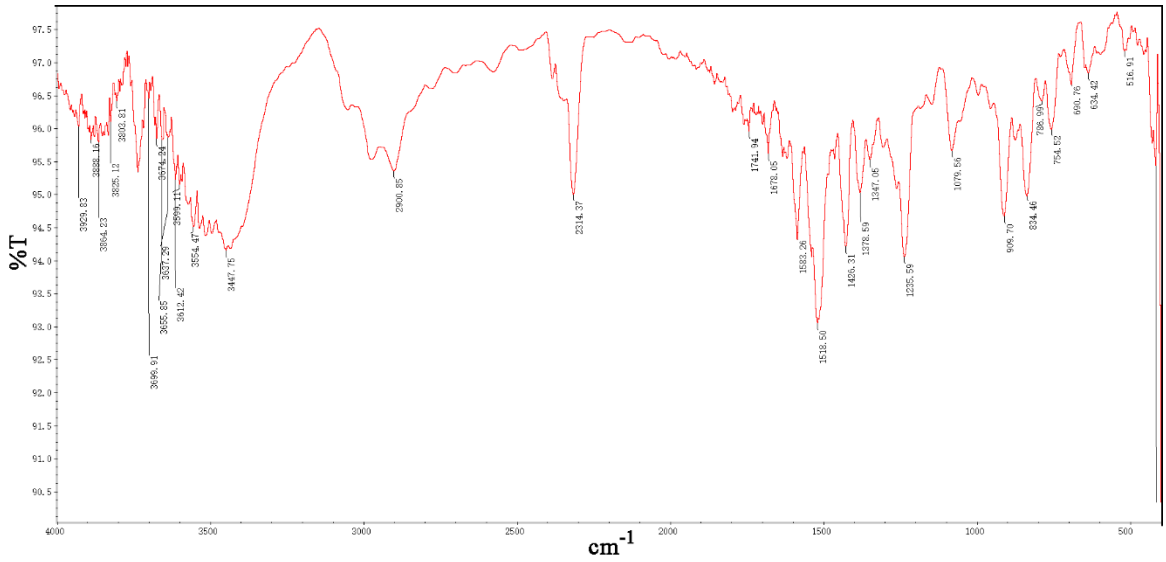

Figure S4. IR spectrum of C3.

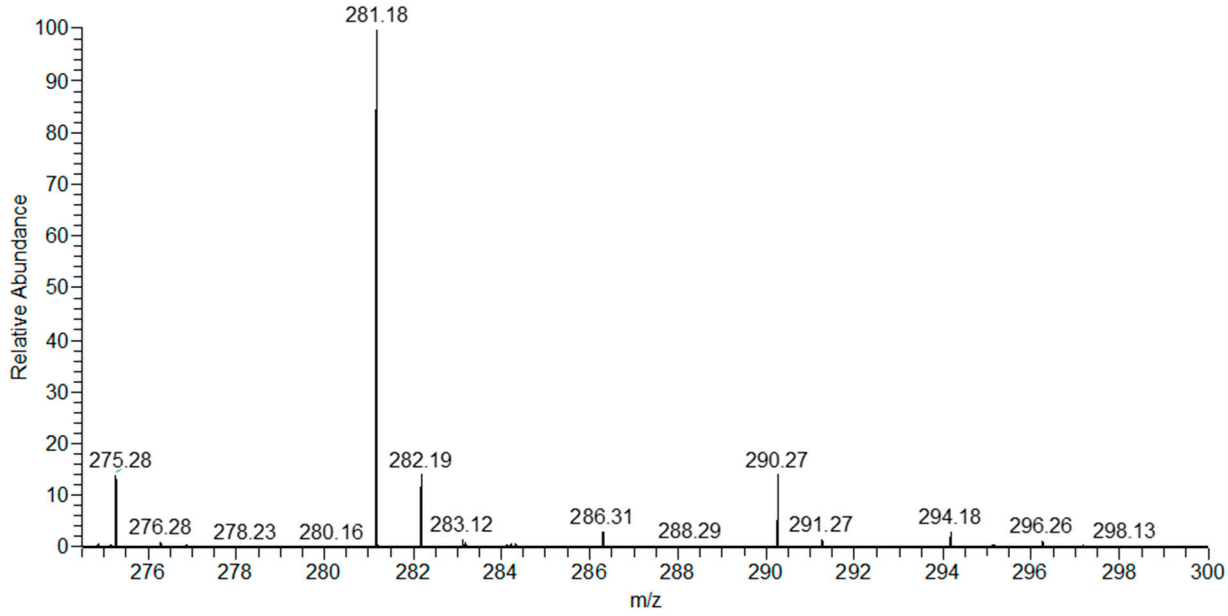

Figure S5. The ESI-MS of L.

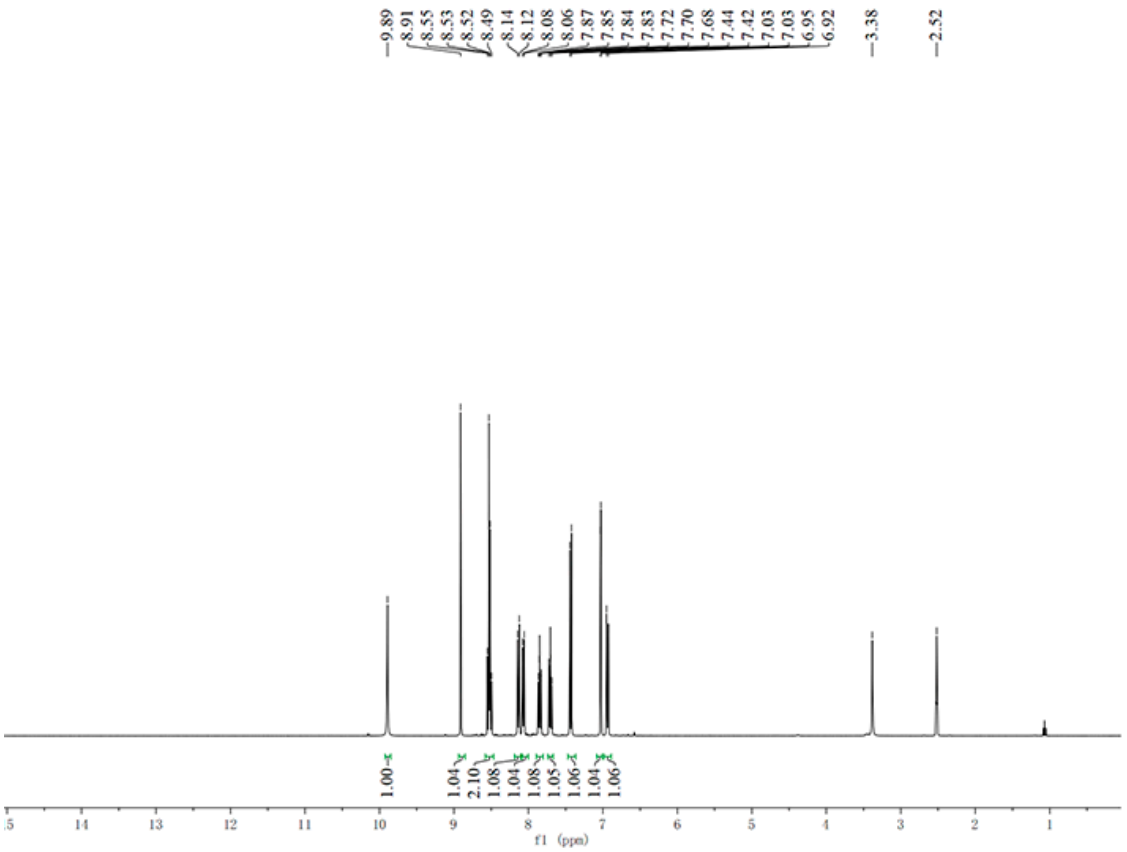

Figure S6. ^{1}H-NMR spectrum of L.

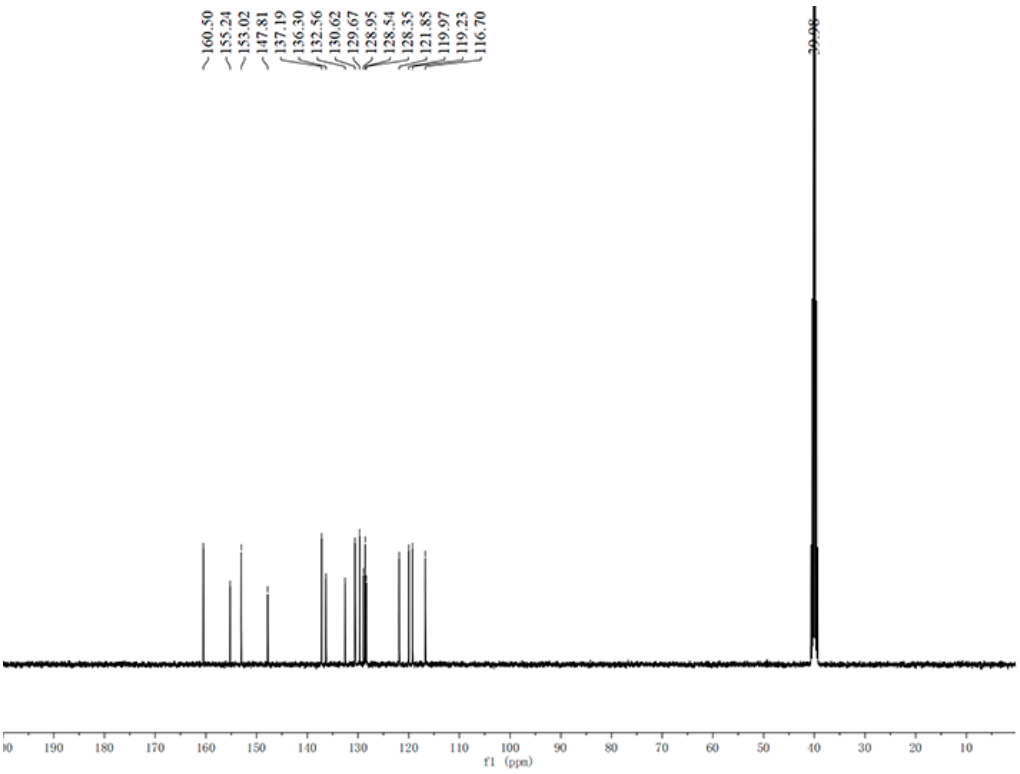

Figure S7. ^{13}C-NMR spectrum of L.

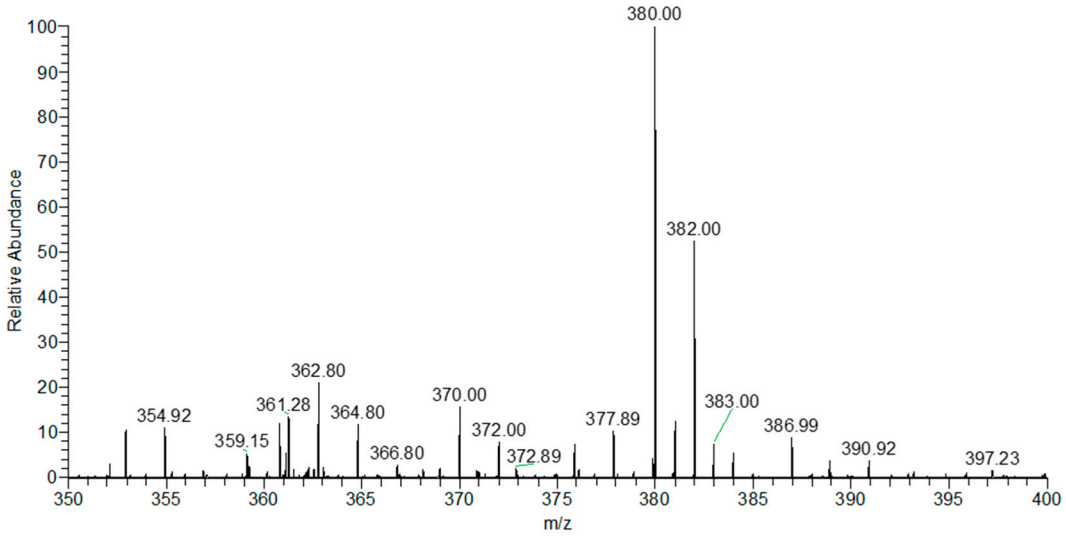

Figure S8. The ESI-MS of C1.

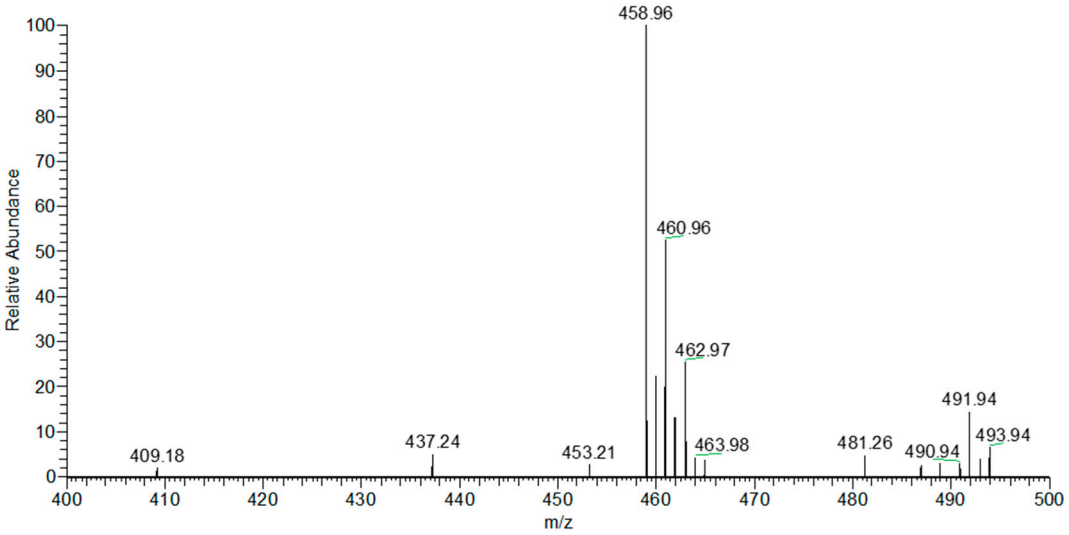

Figure S9. The ESI-MS of C2.

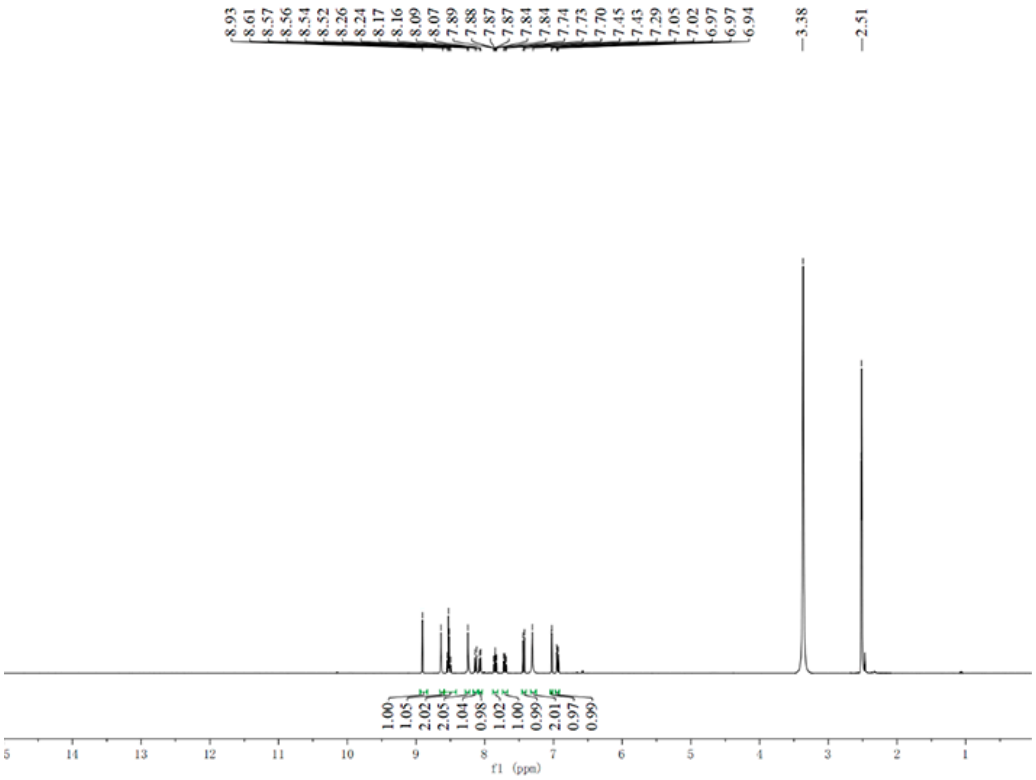

Figure S10. ^{1}H-NMR spectrum of C2.

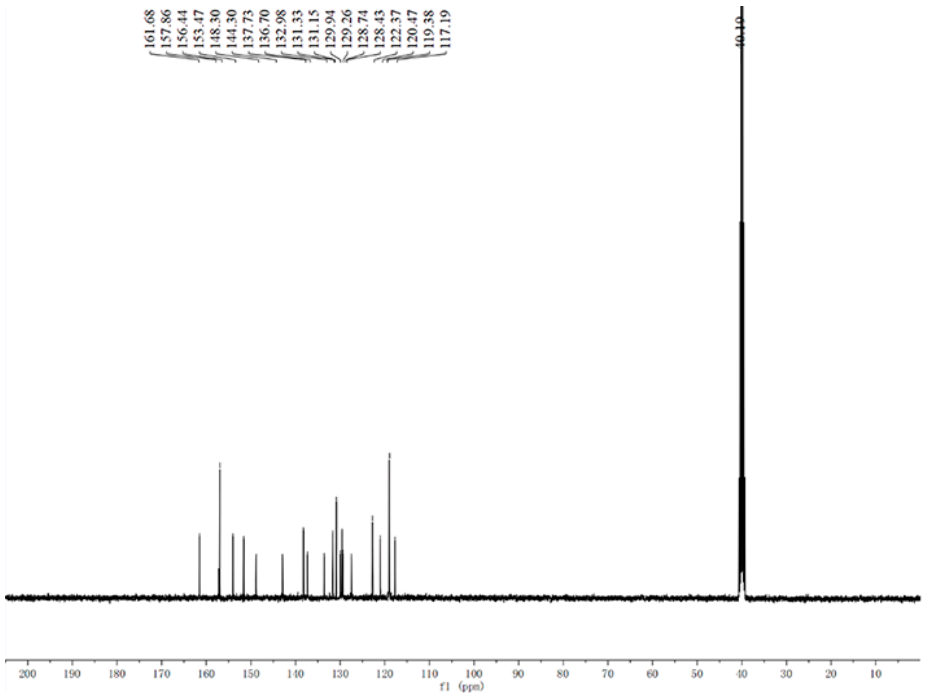

Figure S11. ^{13}C-NMR spectrum of C2.

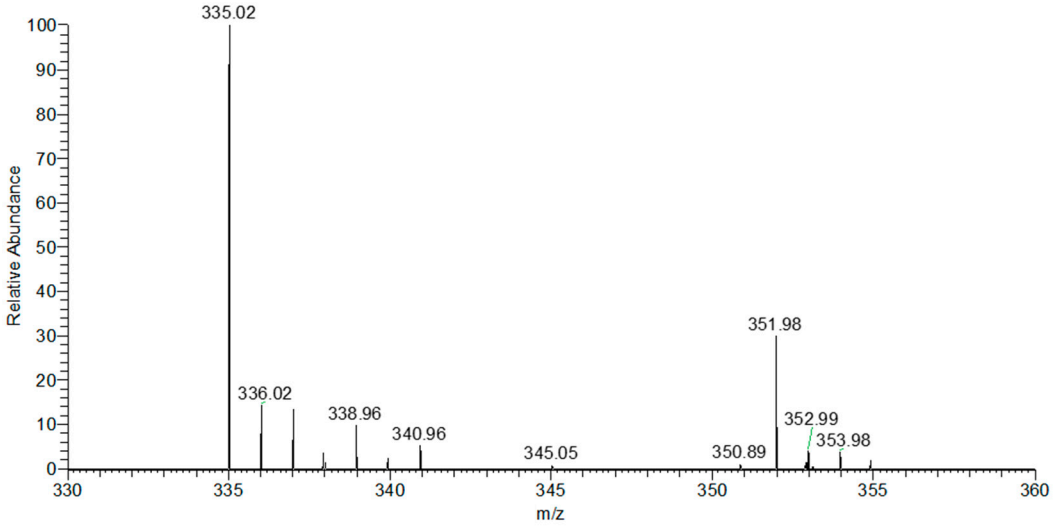

Figure S12. The ESI-MS of C3.

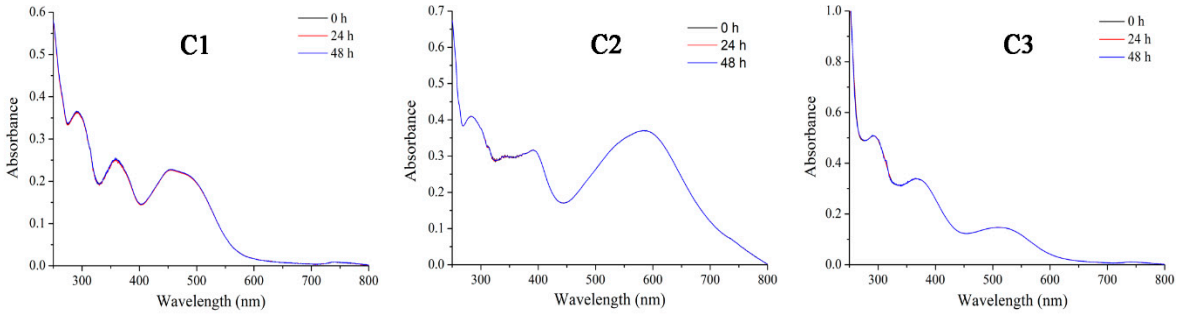

Figure S13. UV-vis spectra of complexes C1-C3 in saline.