

Supporting Information

Cu(II) complexes of a tridentate N,N,O-donor Schiff base of pyridoxal: Synthesis, X-ray structures, DNA-binding properties and catecholase activity

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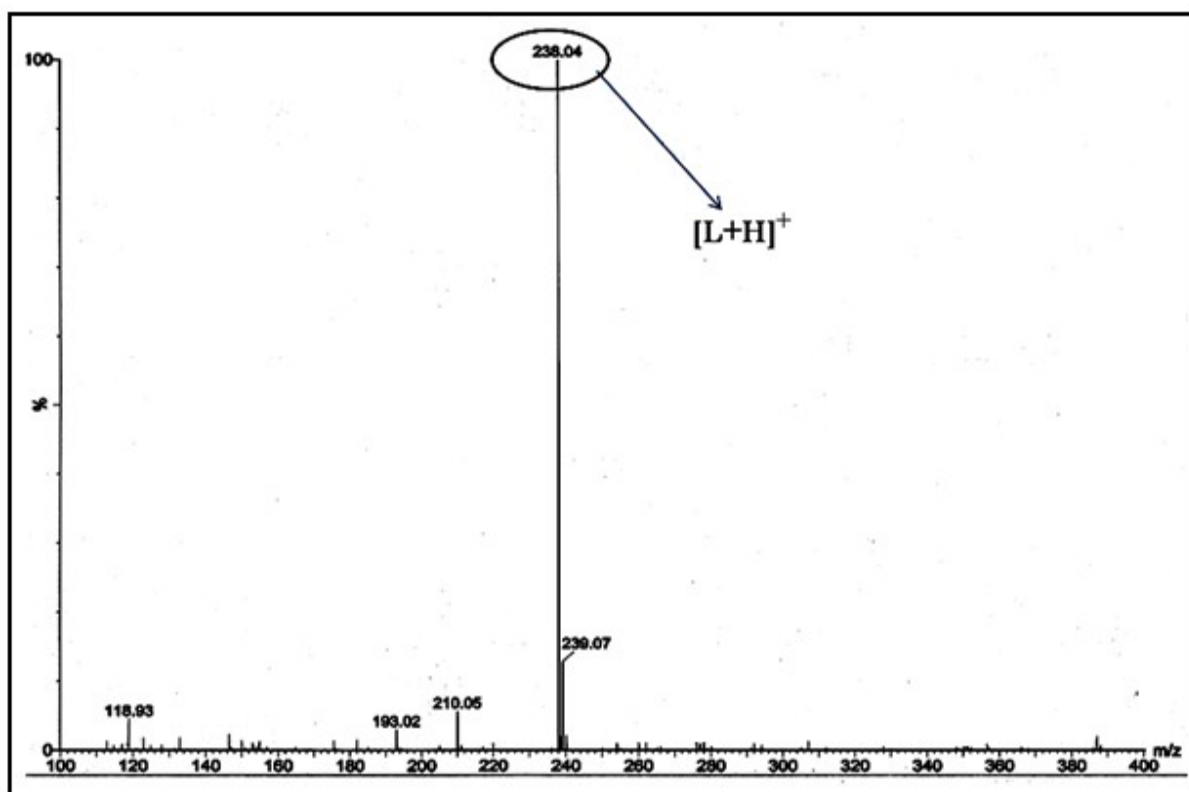


Fig. S1 Mass spectrum of ligand.

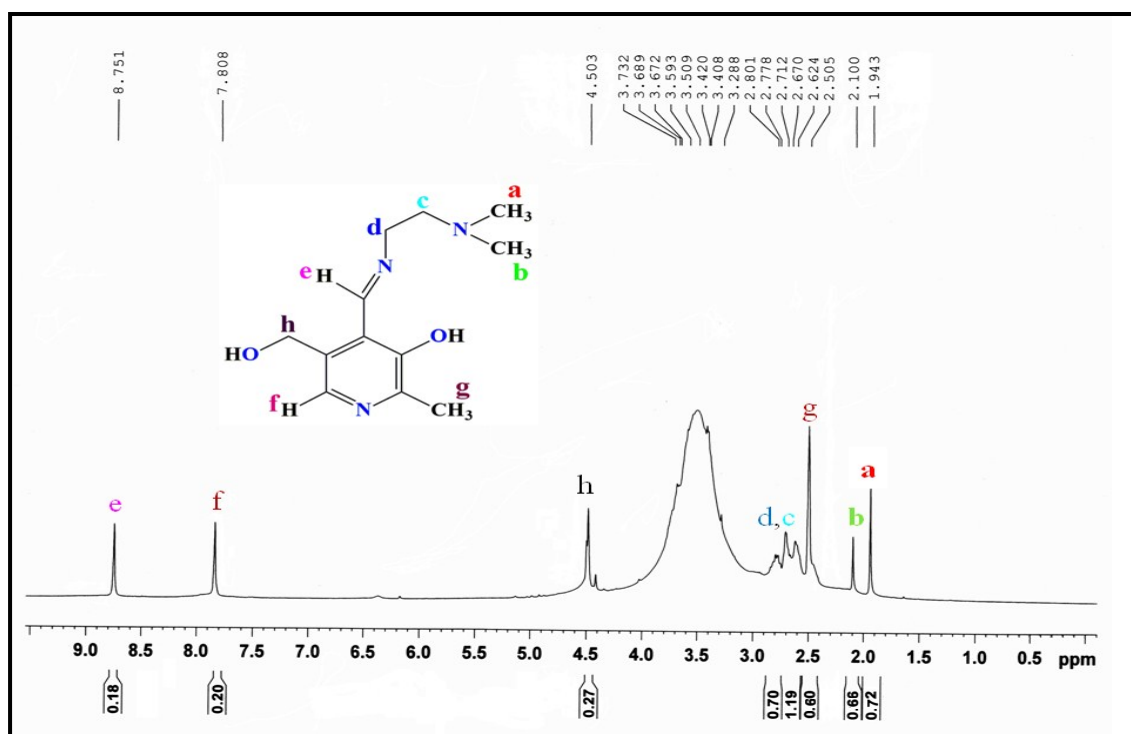


Fig. S2 ^1H NMR spectrum of ligand.

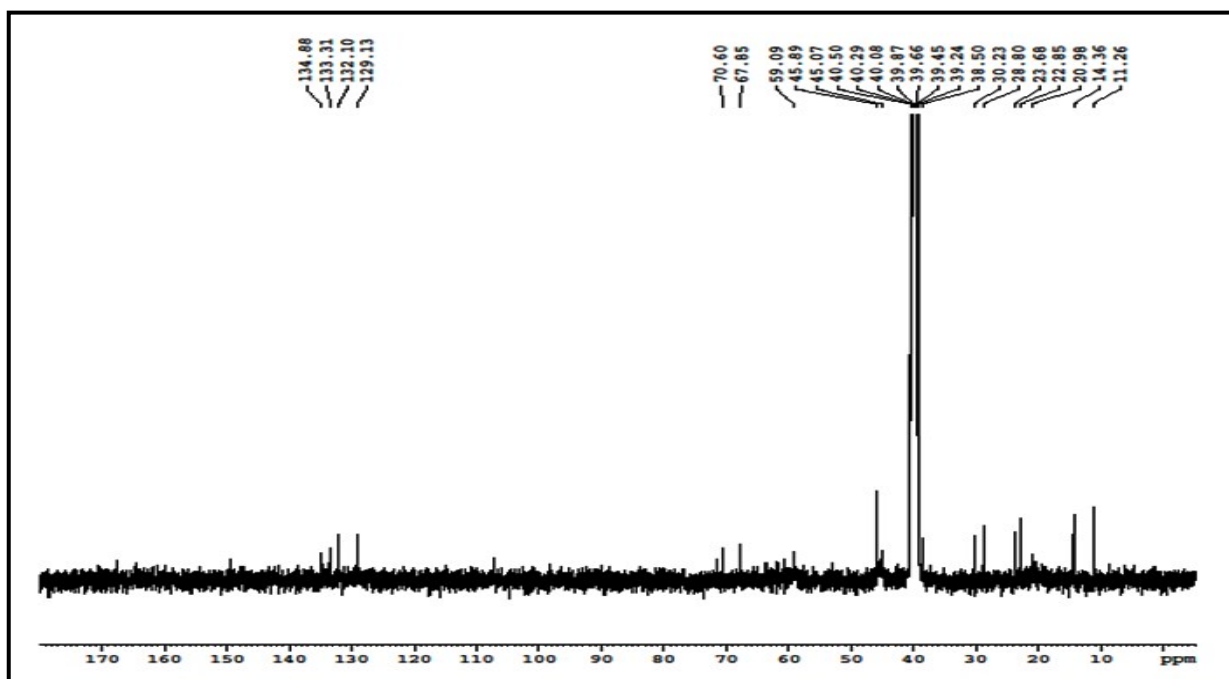


Fig. S3 ^{13}C spectrum of ligand.

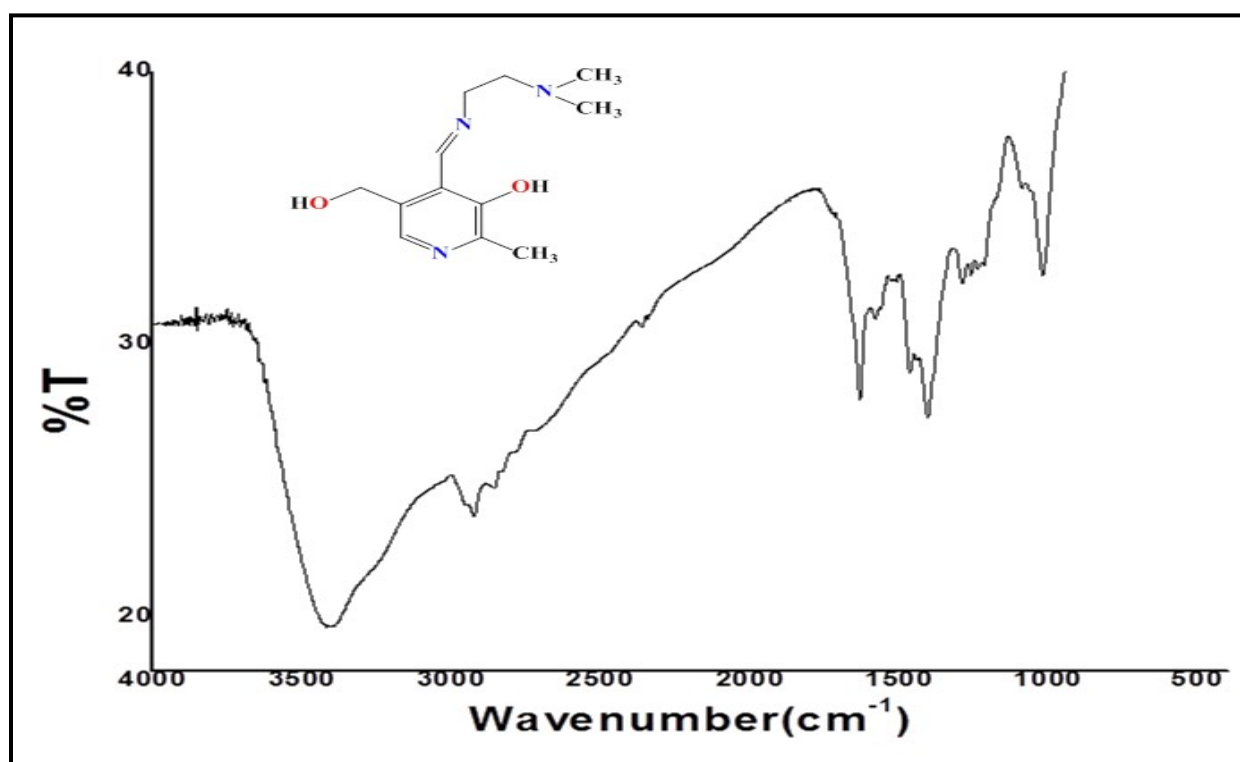


Fig. S4 IR spectrum of ligand.

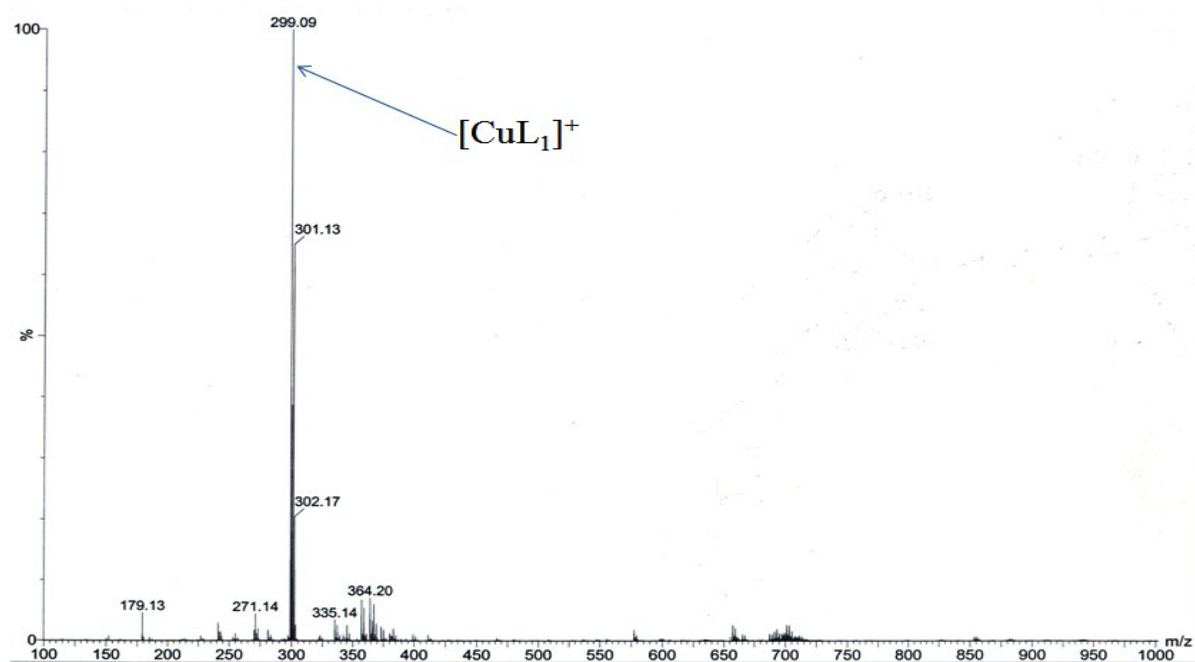


Fig. S5: Mass spectrum of Complex 1.

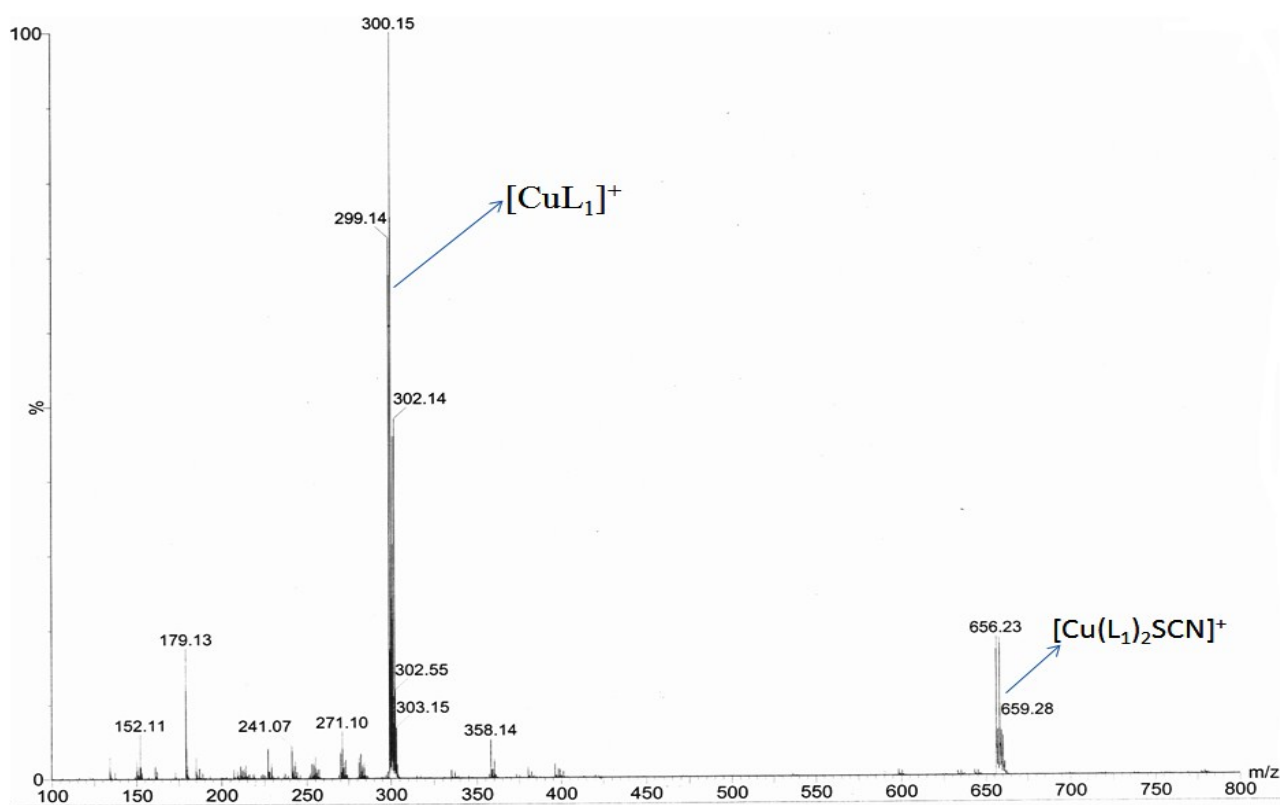


Fig. S6: Mass spectrum of Complex 2.

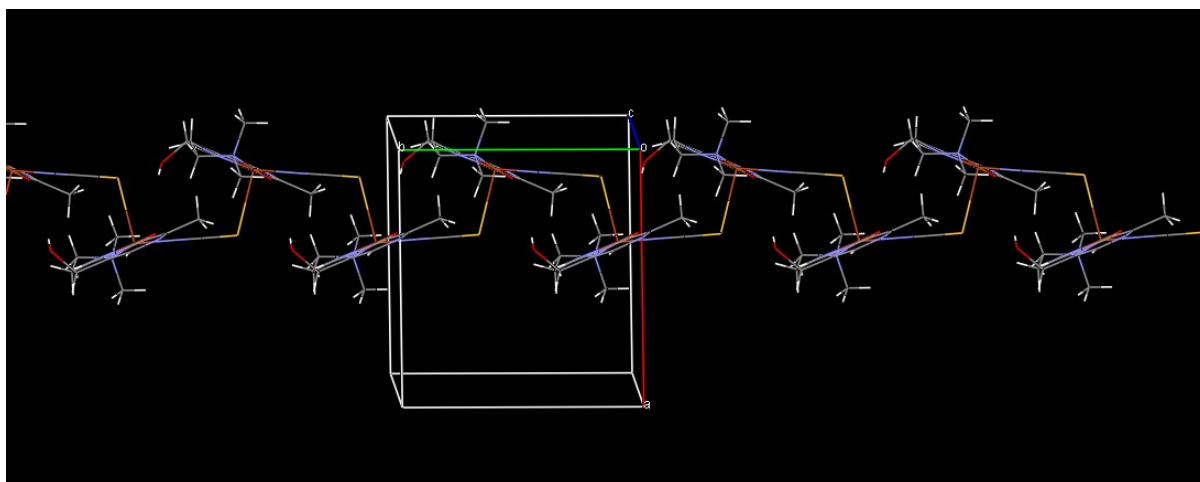


Fig. S7: One dimensional chain of **2** along 'b' axis.

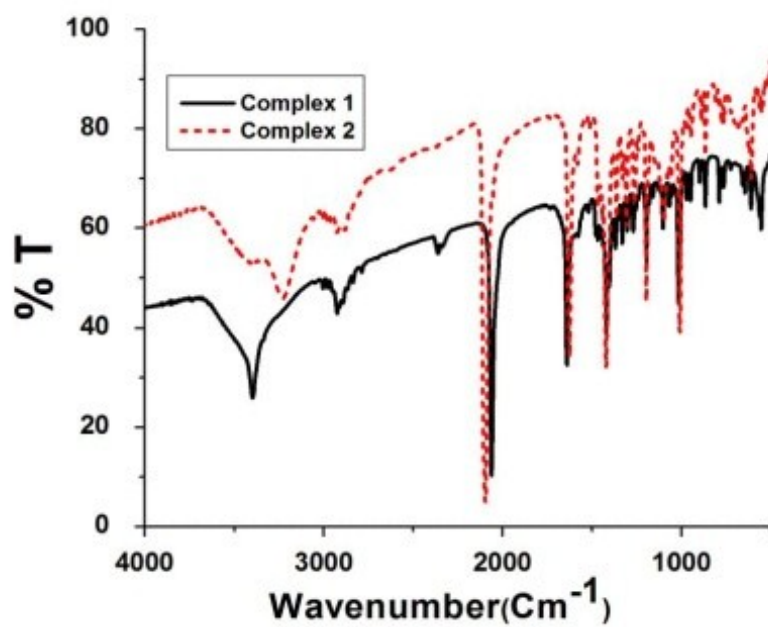


Fig. S8: IR spectra of complexes 1 and 2.

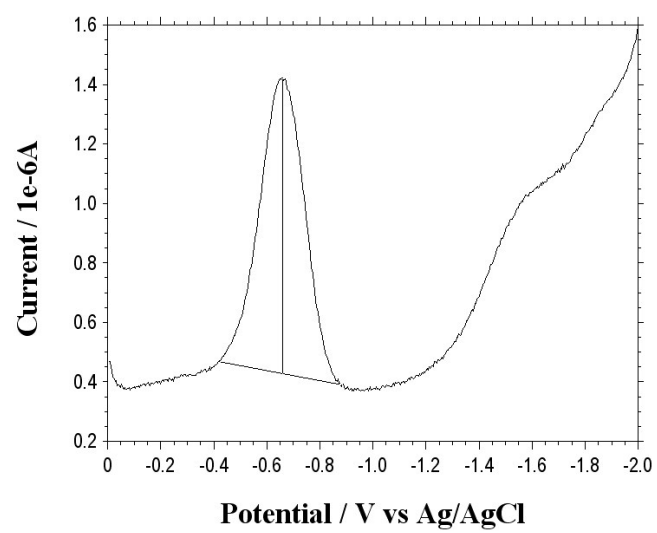


Fig. S9: DPV of $[\text{Zn}(\text{L})(\text{N}_3)]$.

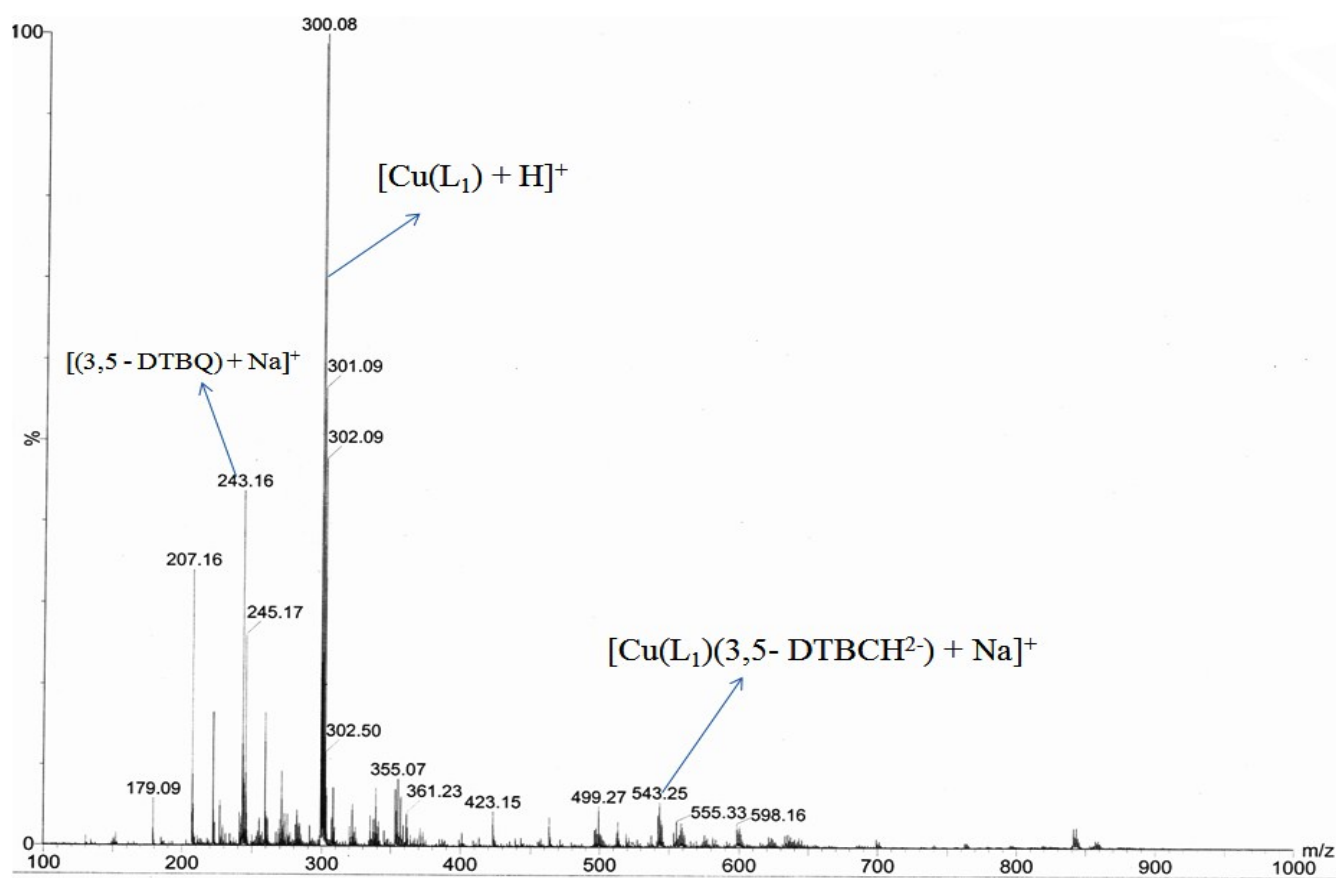


Fig. S10: ESI-MS spectrum of a 1:100 mixture of **1** and 3,5-DTBC in MeOH.

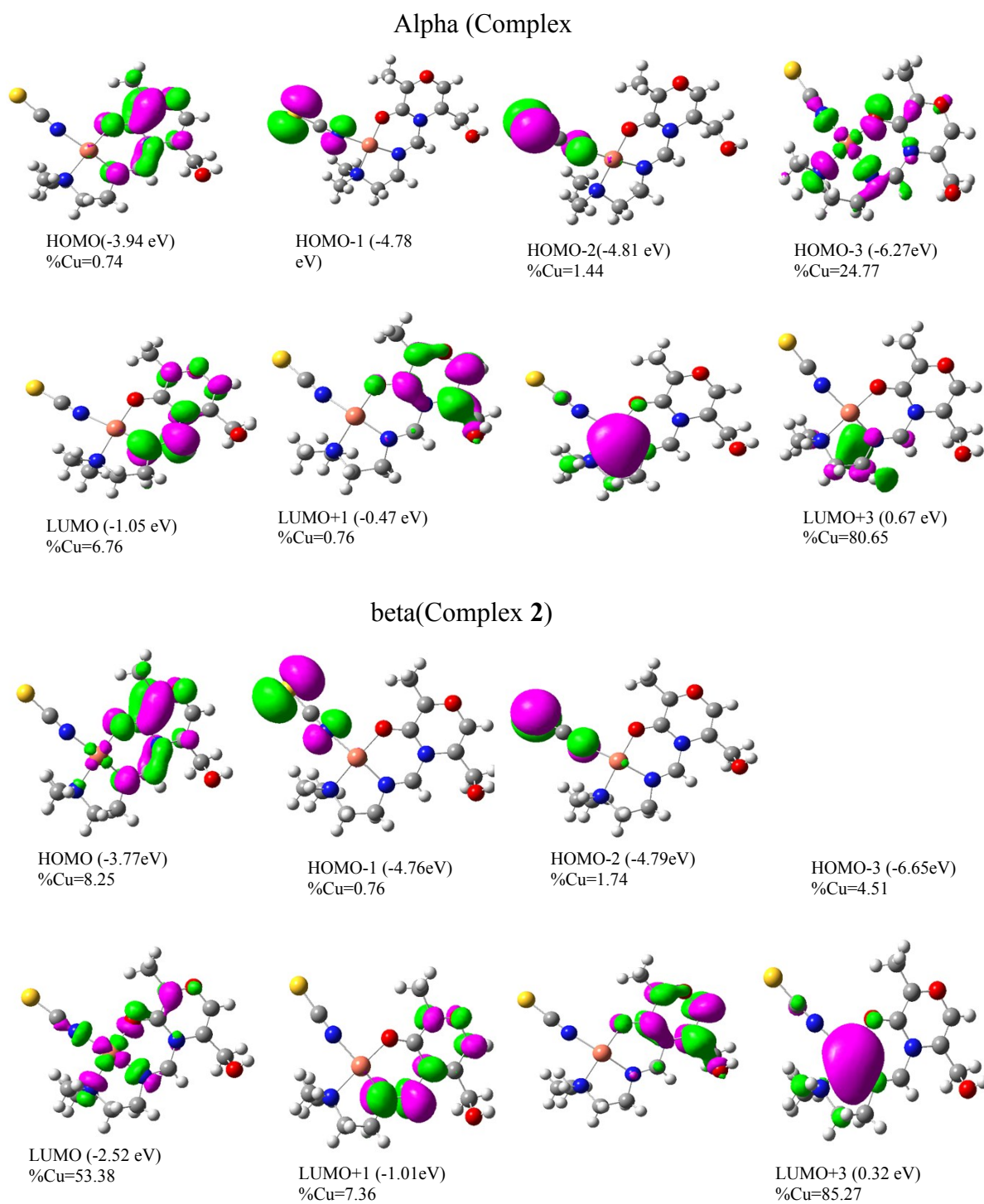


Fig. S11: Frontier orbitals of complex 2 with ISO value cut off 0.04.