

Lipid-Bilayer-Mimicking Solid-State Structures of Cu(II) and Ni(II) with *L*-Tryptophan and *L*-Tyrosine Schiff Base Derivatives†

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Electronic Supplementary Information

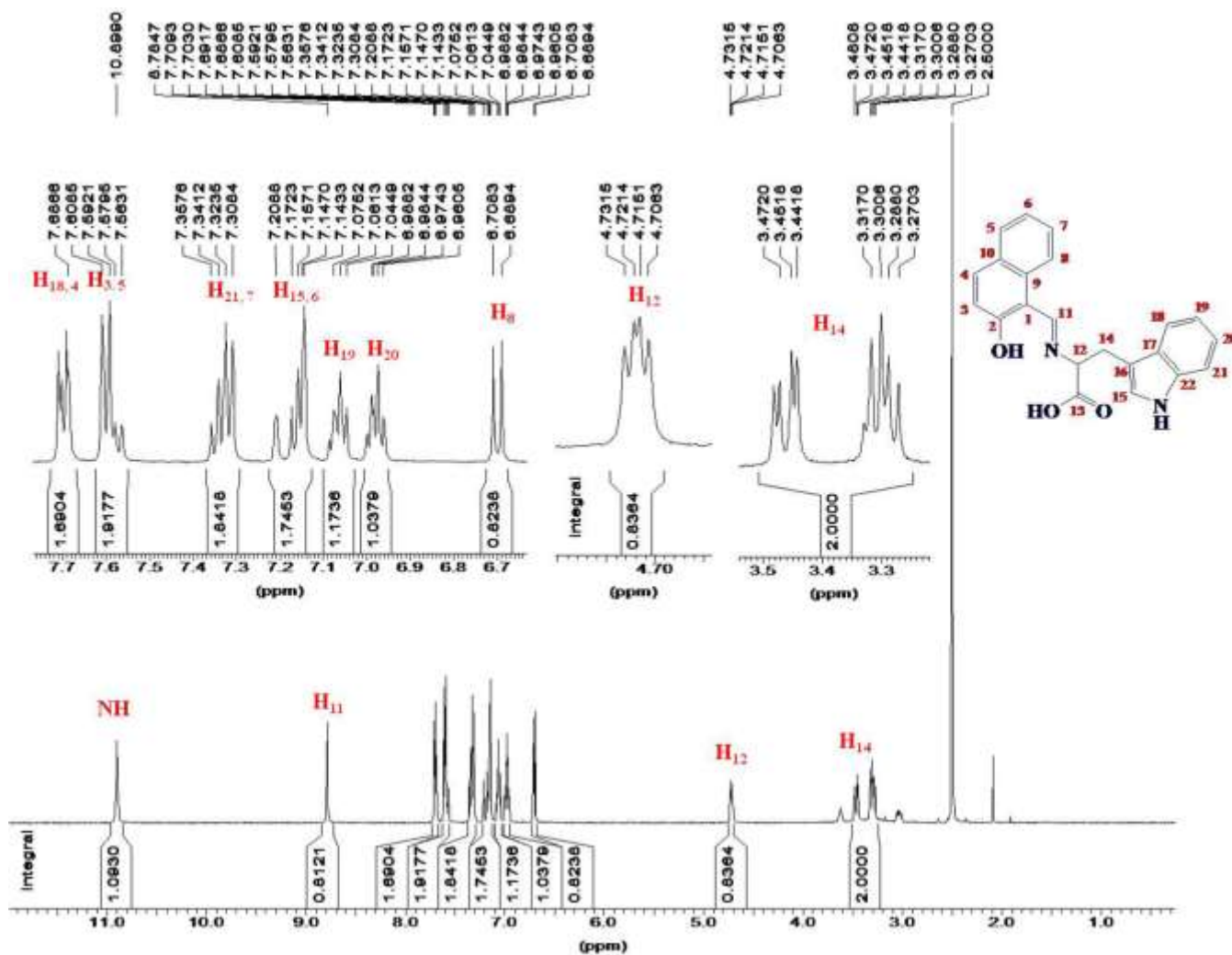


Fig. S1 ^1H NMR of H_2WNap ligand.

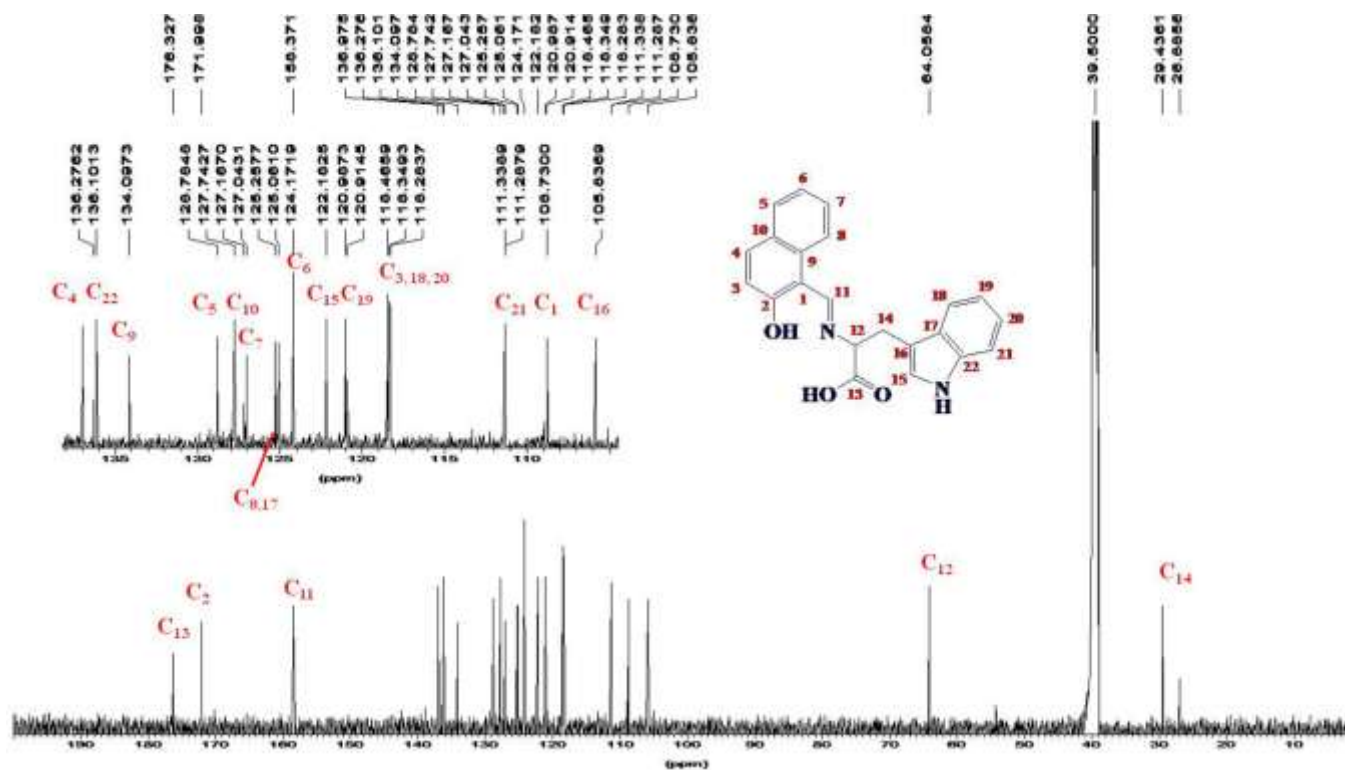


Fig. S2 ^{13}C NMR of H_2WNap ligand.

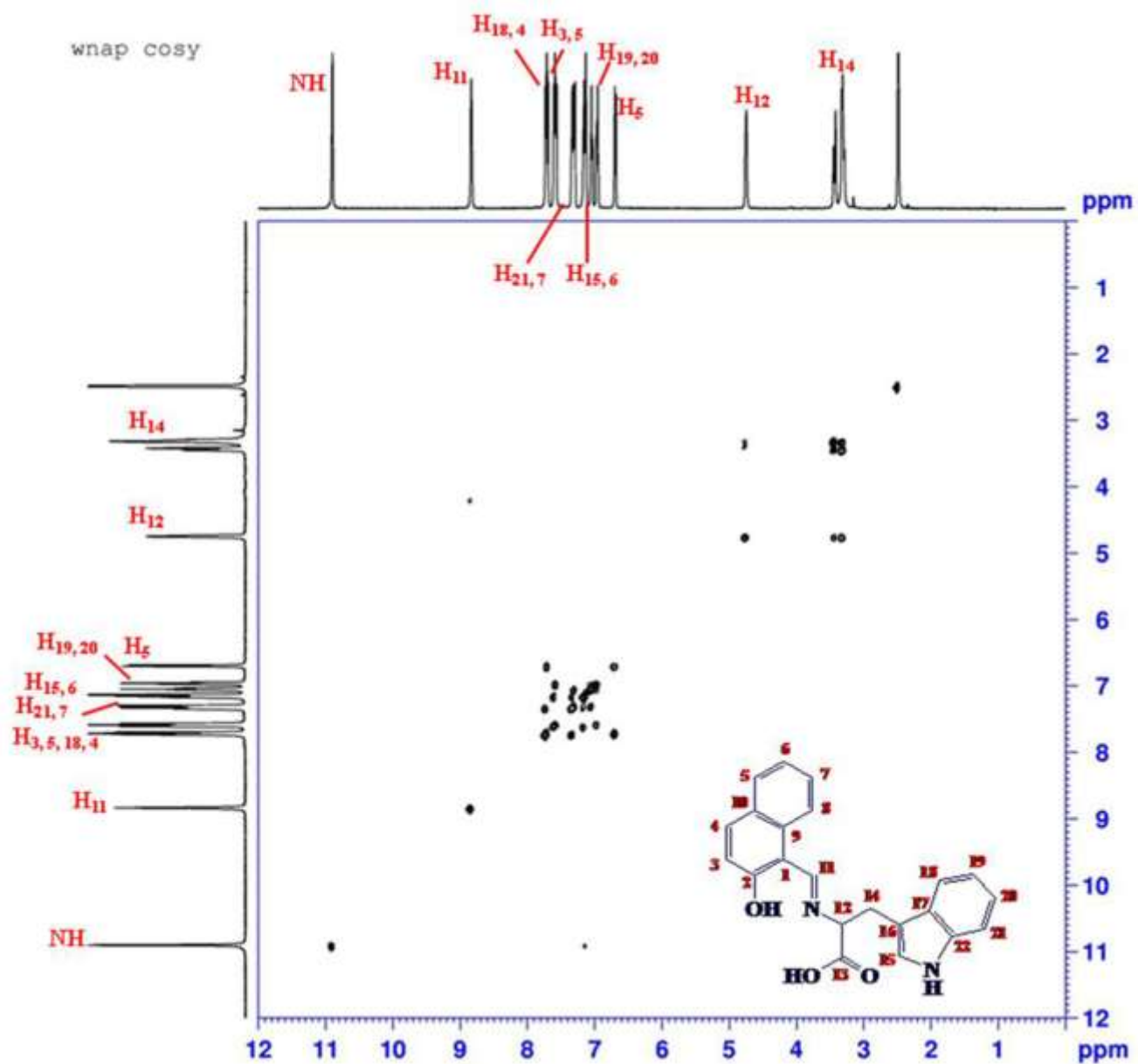


Fig. S3COSY-NMR of H₂WNap ligand.

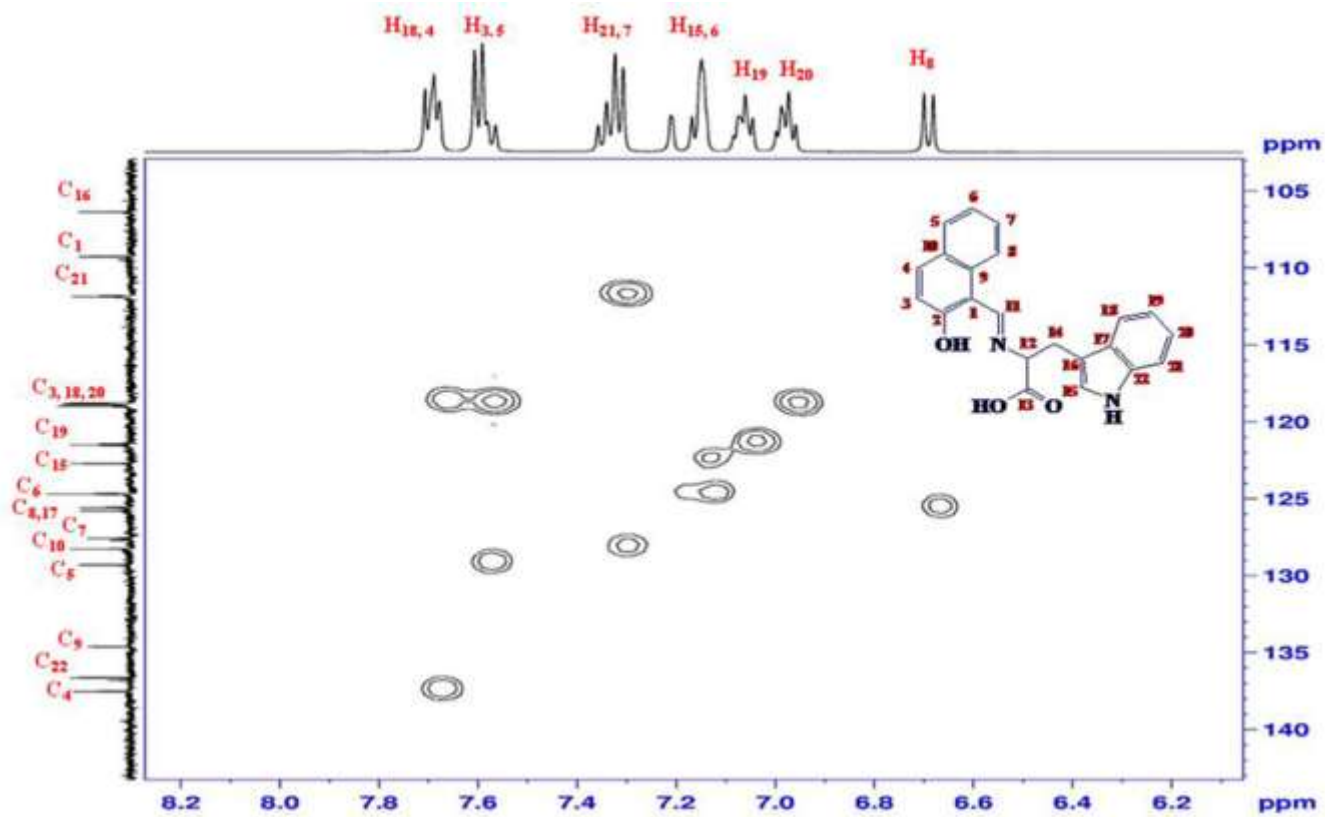


Fig. S4 ^1H - ^{13}C HMQC NMR of H_2WNap ligand.

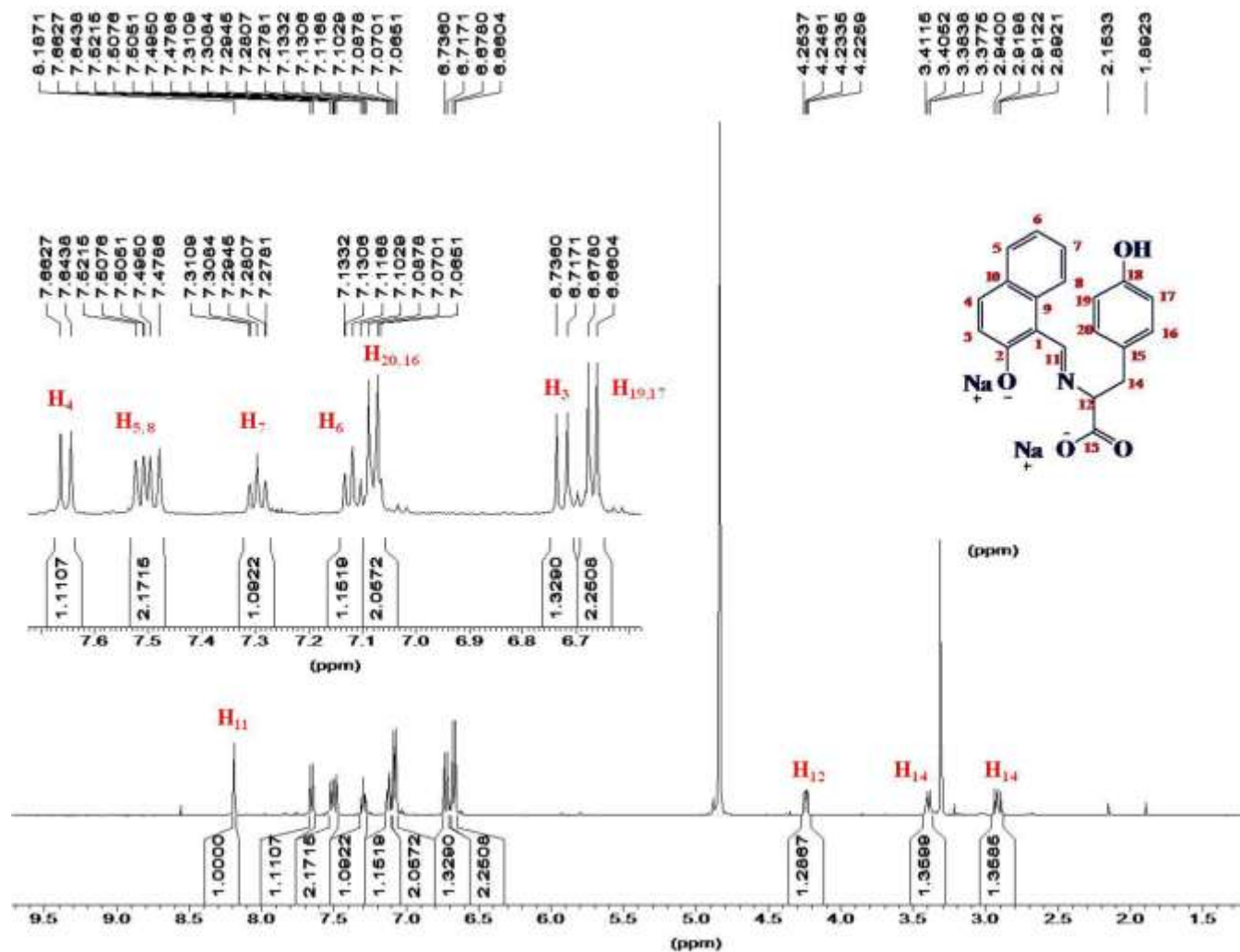


Fig. S5 ¹H NMR of Na₂YNap ligand.

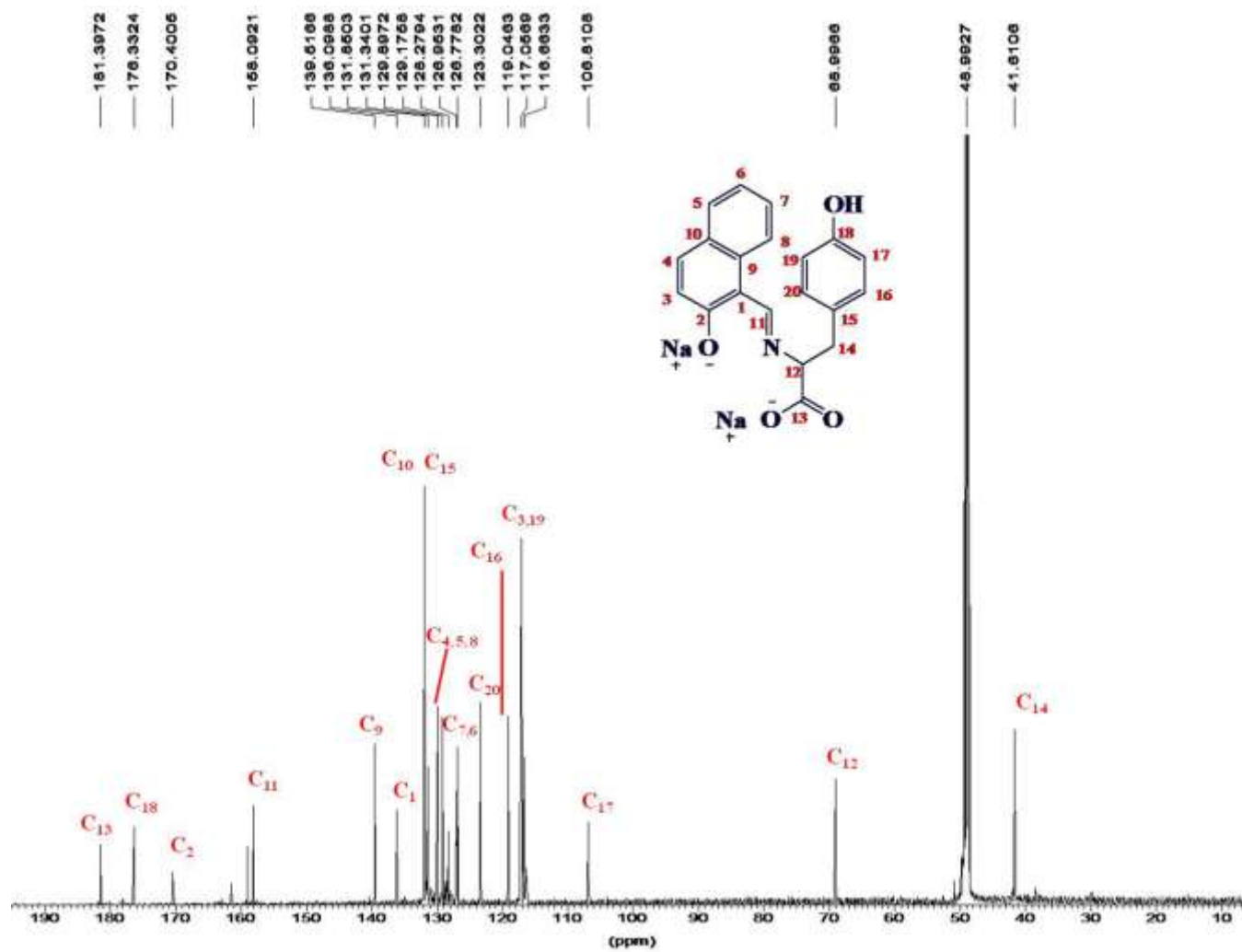


Fig. S6 ^{13}C NMR of Na_2YNap ligand.

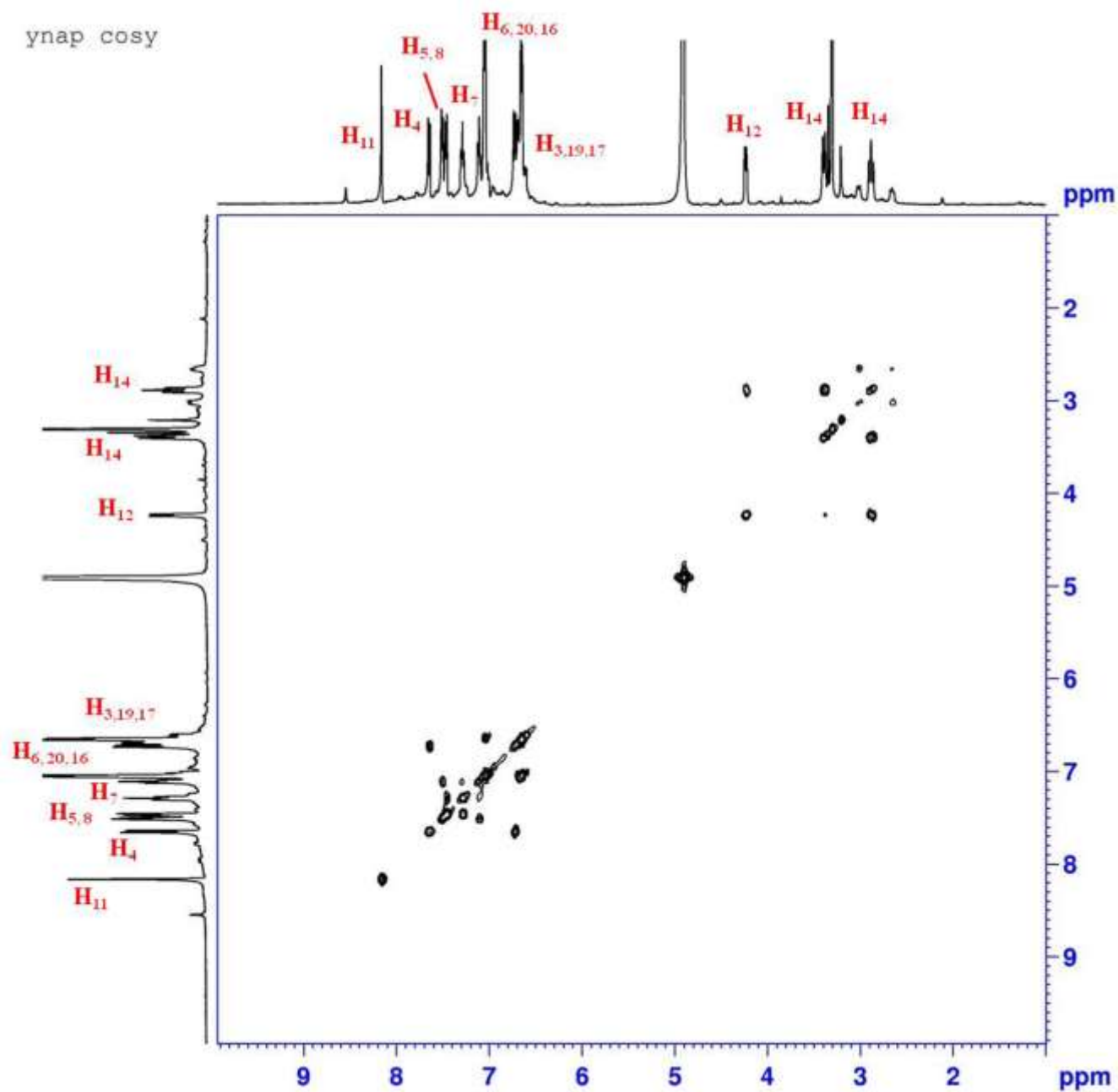


Fig. S7COSY-NMR of Na₂YNap ligand.

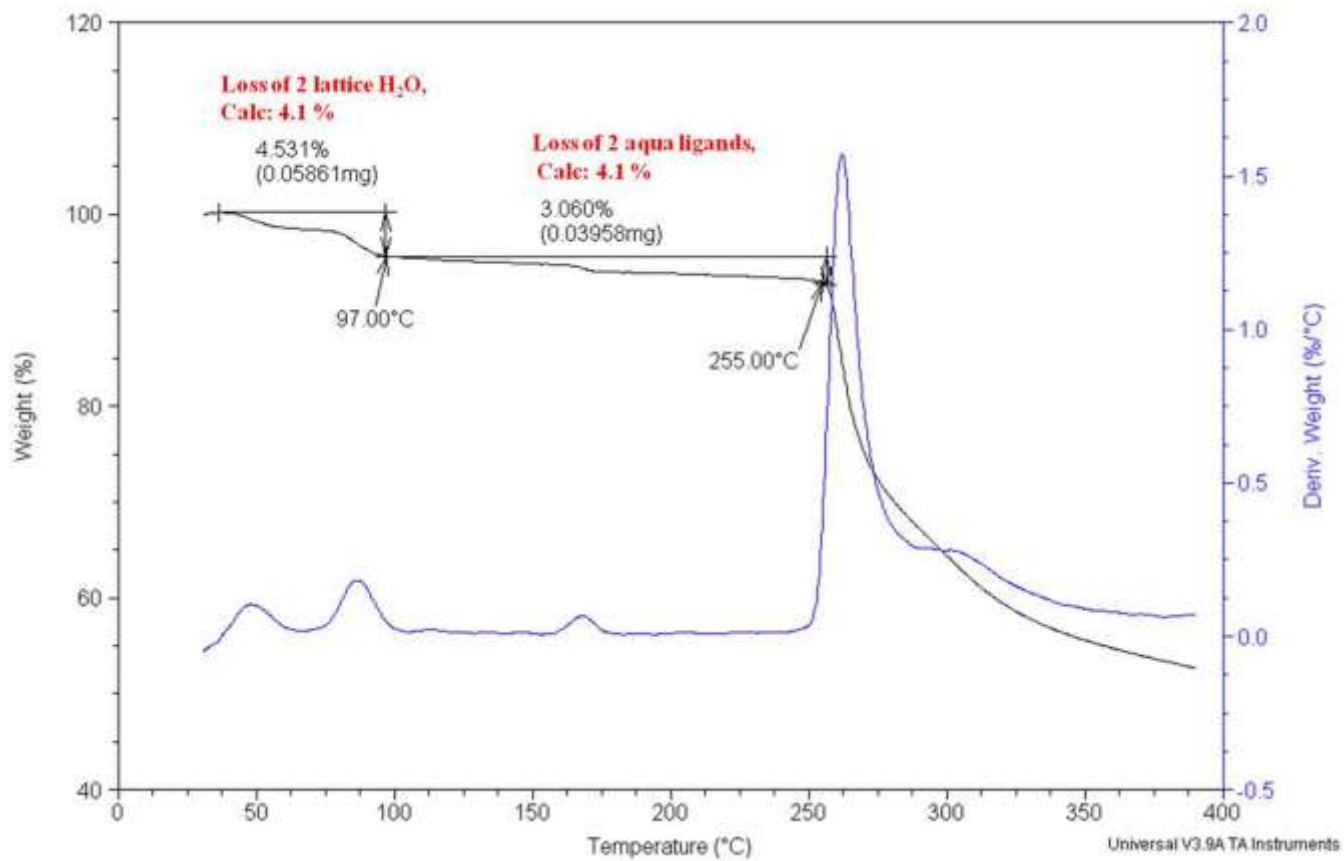


Fig. S8 TGA of [Cu₂(WNap)₂(H₂O)₂] \cdot 2H₂O, 1.

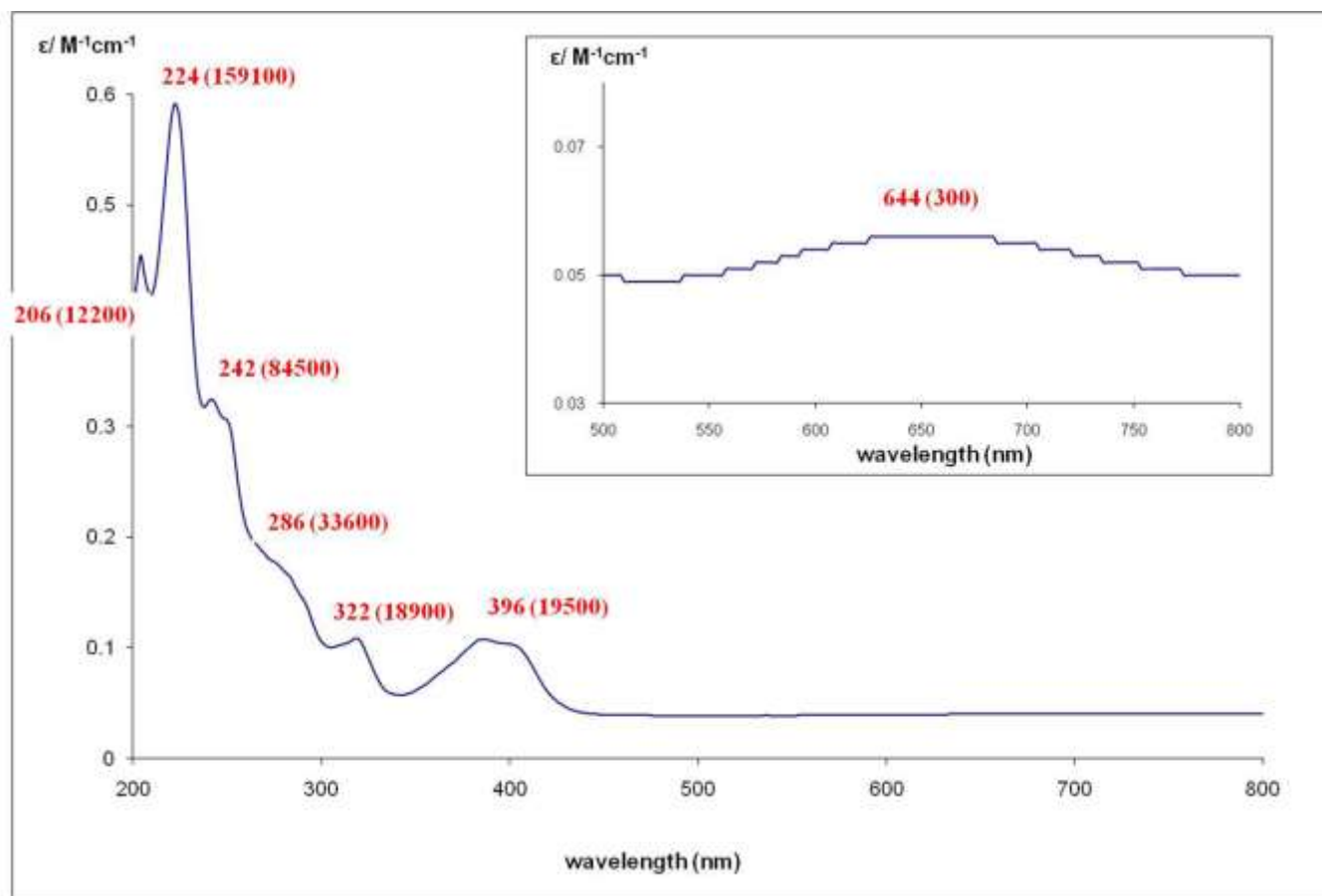


Fig. S9 UV-visible spectrum of $[\text{Cu}_2(\text{WNap})_2(\text{H}_2\text{O})_2] \cdot 2\text{H}_2\text{O}$, 1.

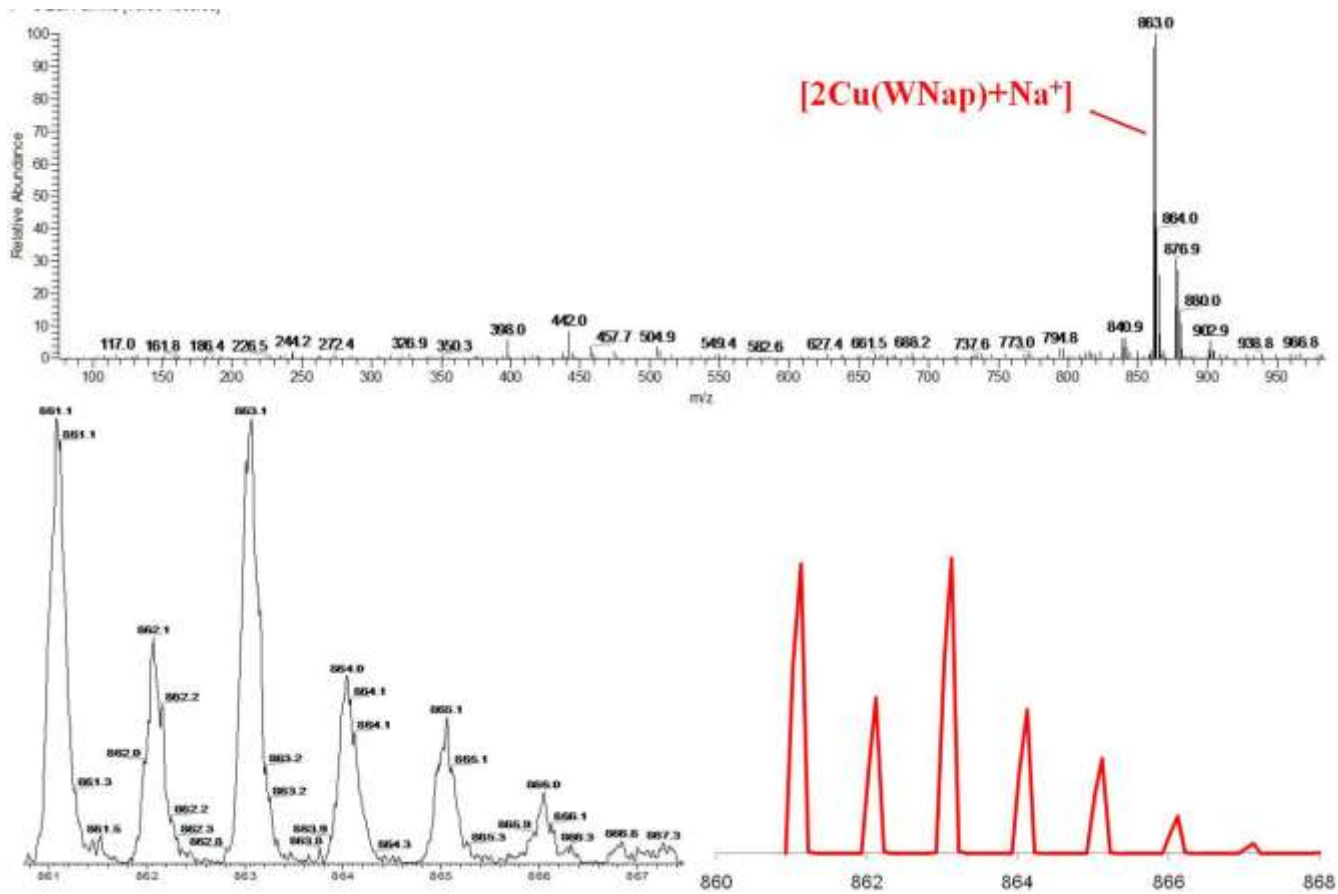


Fig. S10 Positive mode ESI spectrum of $[\text{Cu}_2(\text{WNap})_2(\text{H}_2\text{O})_2]\cdot 2\text{H}_2\text{O}$, **1** and its simulated isotopic spectrum.

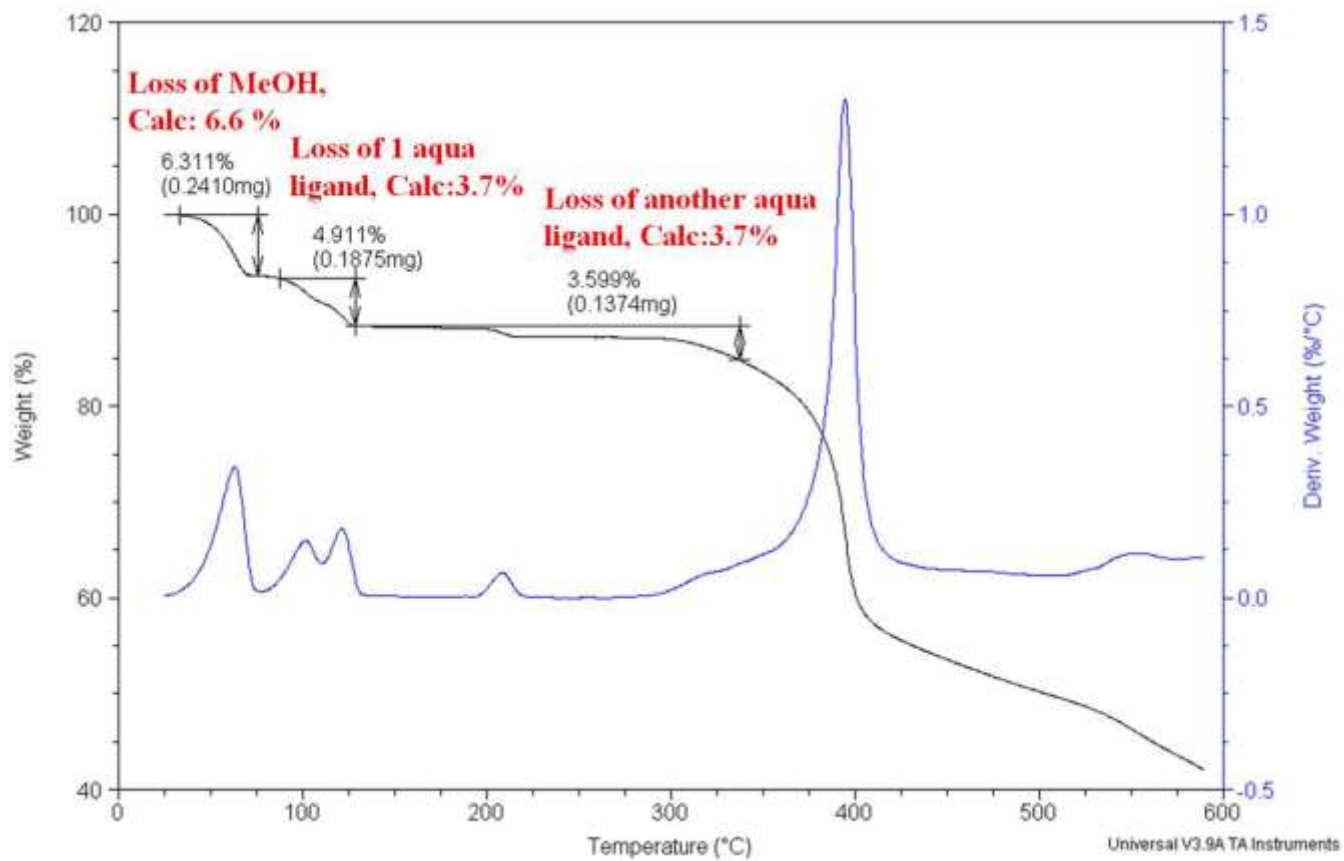


Fig. S11 TGA of $[\text{Ni}(\text{WNap})(\text{MeOH})(\text{H}_2\text{O})_2]\cdot\text{H}_2\text{O}$, 2.

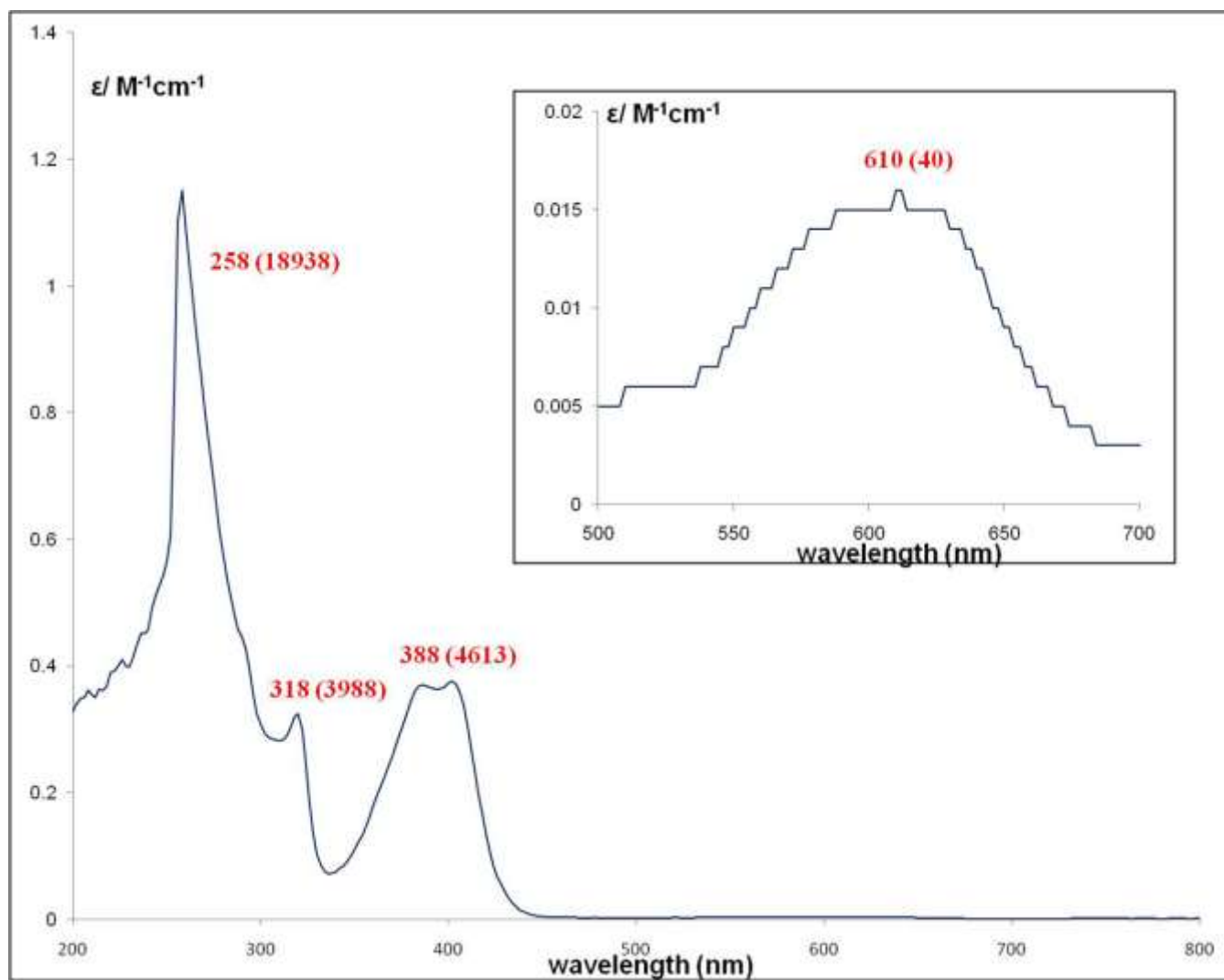


Fig. S12 UV-visible spectrum of $[\text{Ni}(\text{WNap})(\text{MeOH})(\text{H}_2\text{O})_2] \cdot \text{H}_2\text{O}$, 2.

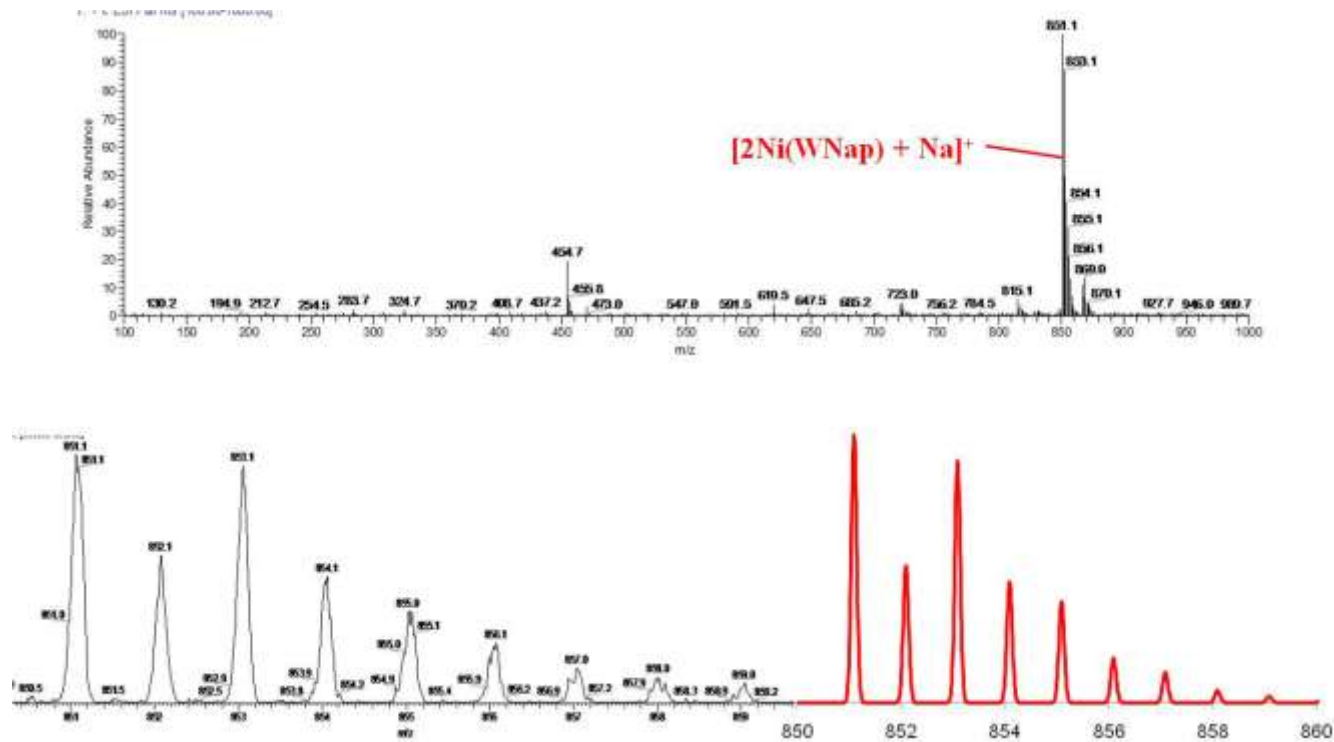


Fig. S13 Positive mode ESI spectrum of $[\text{Ni}(\text{WNap})(\text{MeOH})(\text{H}_2\text{O})_2] \cdot \text{H}_2\text{O}$, **2** and its simulated isotopic spectrum.

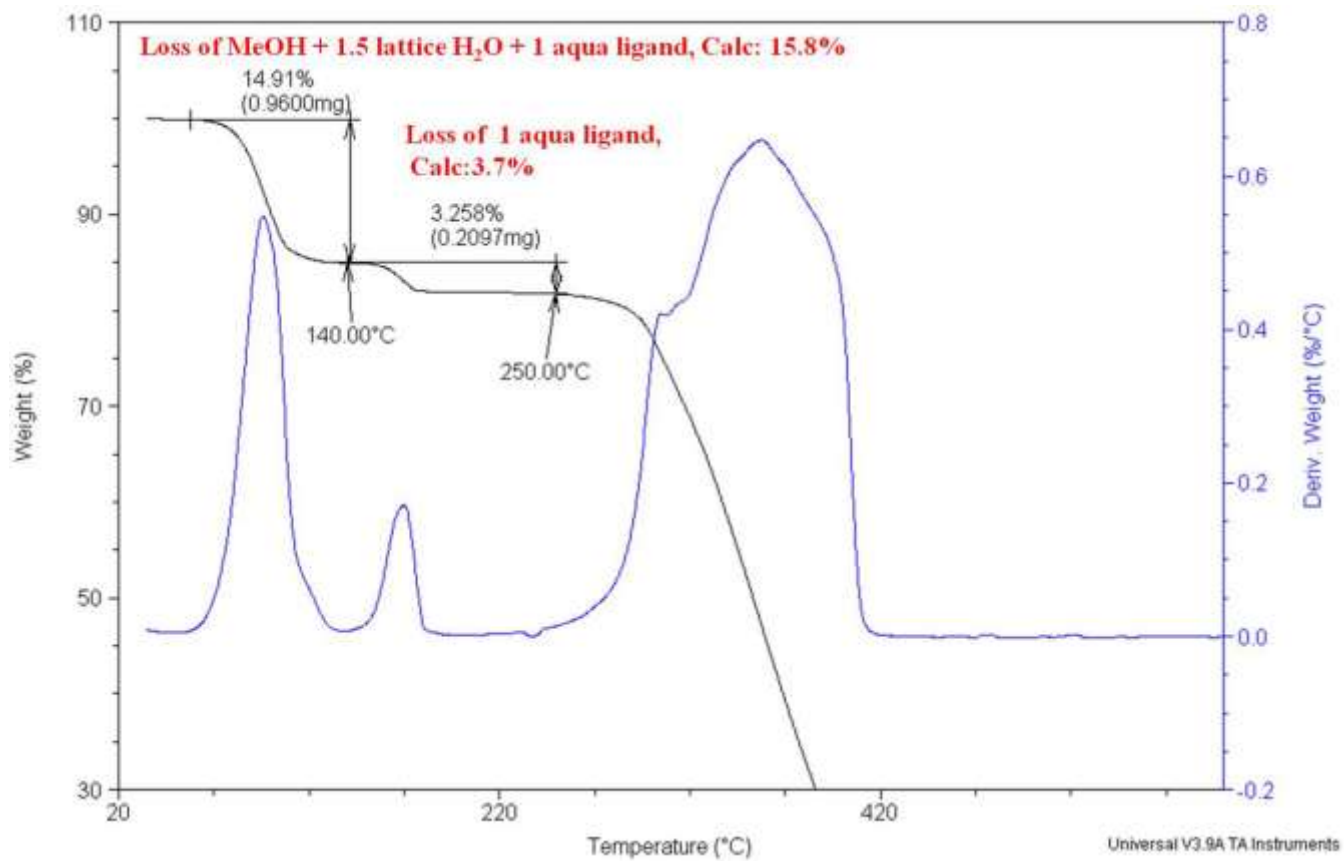


Fig. S14 TGA of [Ni(YNap)(H₂O)₂(MeOH)]·1.5H₂O, 3.

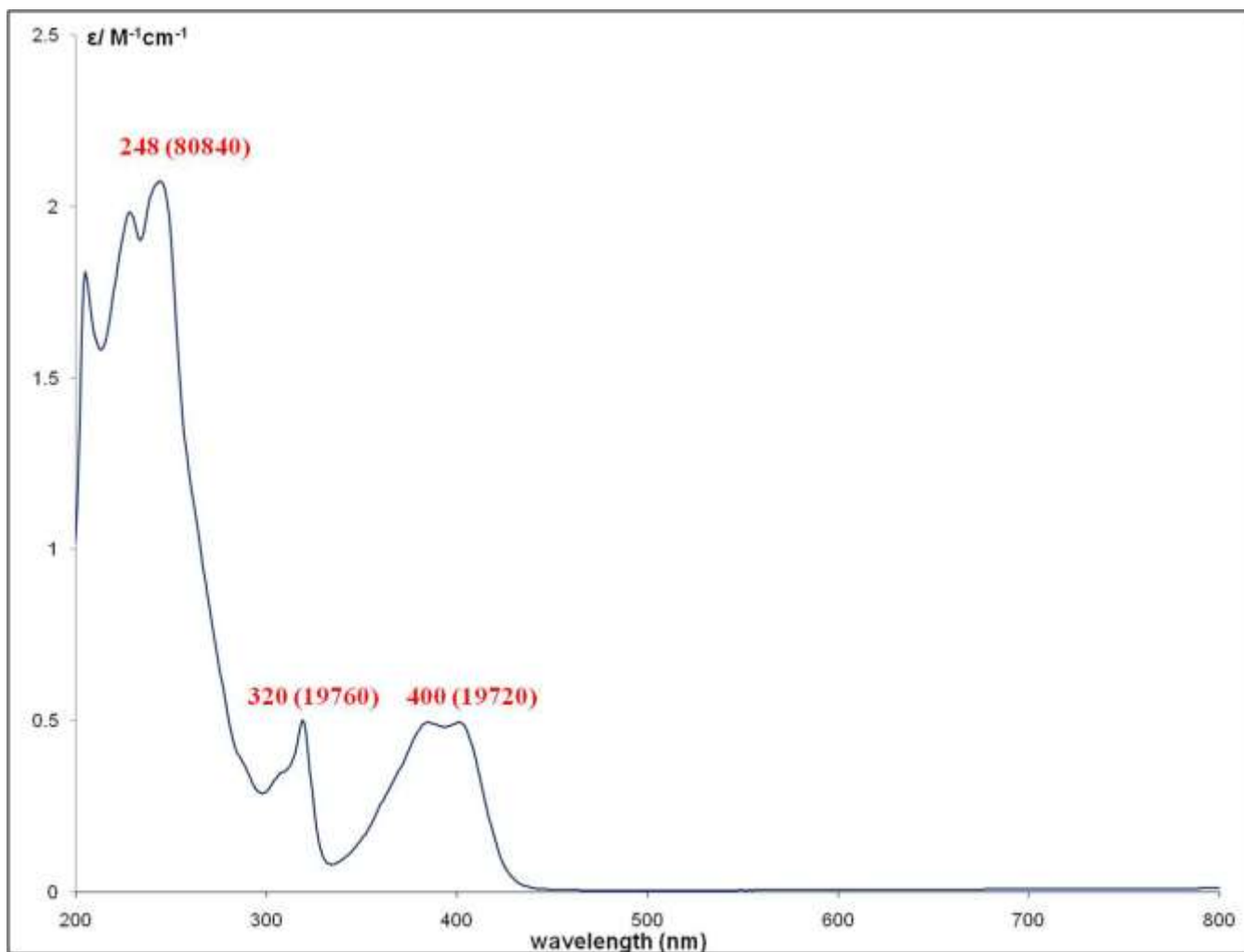


Fig. S15 UV-visible spectrum of $[\text{Ni}(\text{YNap})(\text{H}_2\text{O})_2(\text{MeOH})] \cdot 1.5\text{H}_2\text{O}$, 3.

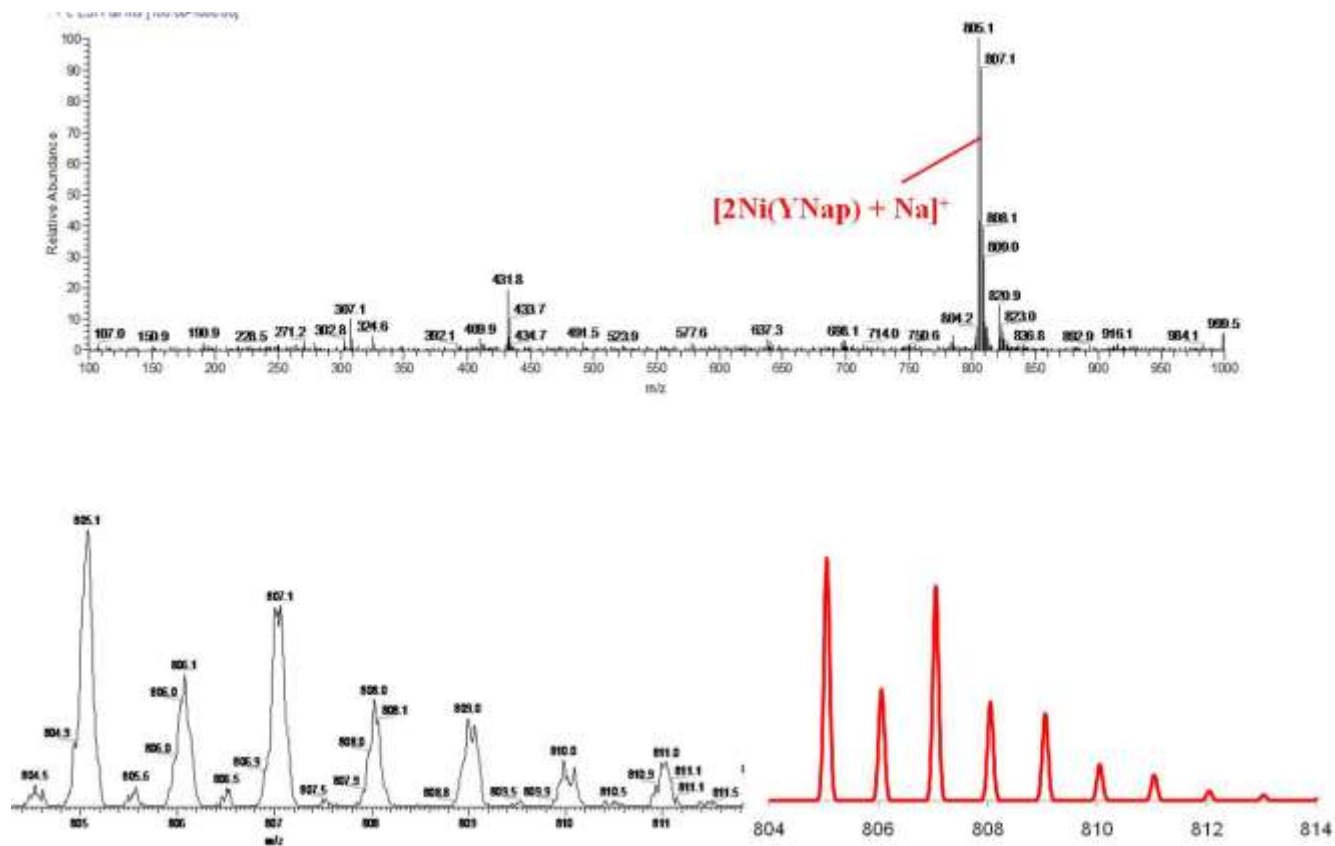


Fig. S16 Positive mode ESI spectrum of $[\text{Ni}(\text{YNap})(\text{H}_2\text{O})_2(\text{MeOH})] \cdot 1.5\text{H}_2\text{O}$, **3** and its simulated isotopic spectrum.