

Electronic Supplementary Information

For

**Distinct supramolecular assemblies of Fe(III) and Ni(II) complexes
constructed from o-vanillin salicylhydrazone ligand: syntheses,
crystal structures, DNA/protein interaction, antioxidant and
cytotoxic activity**

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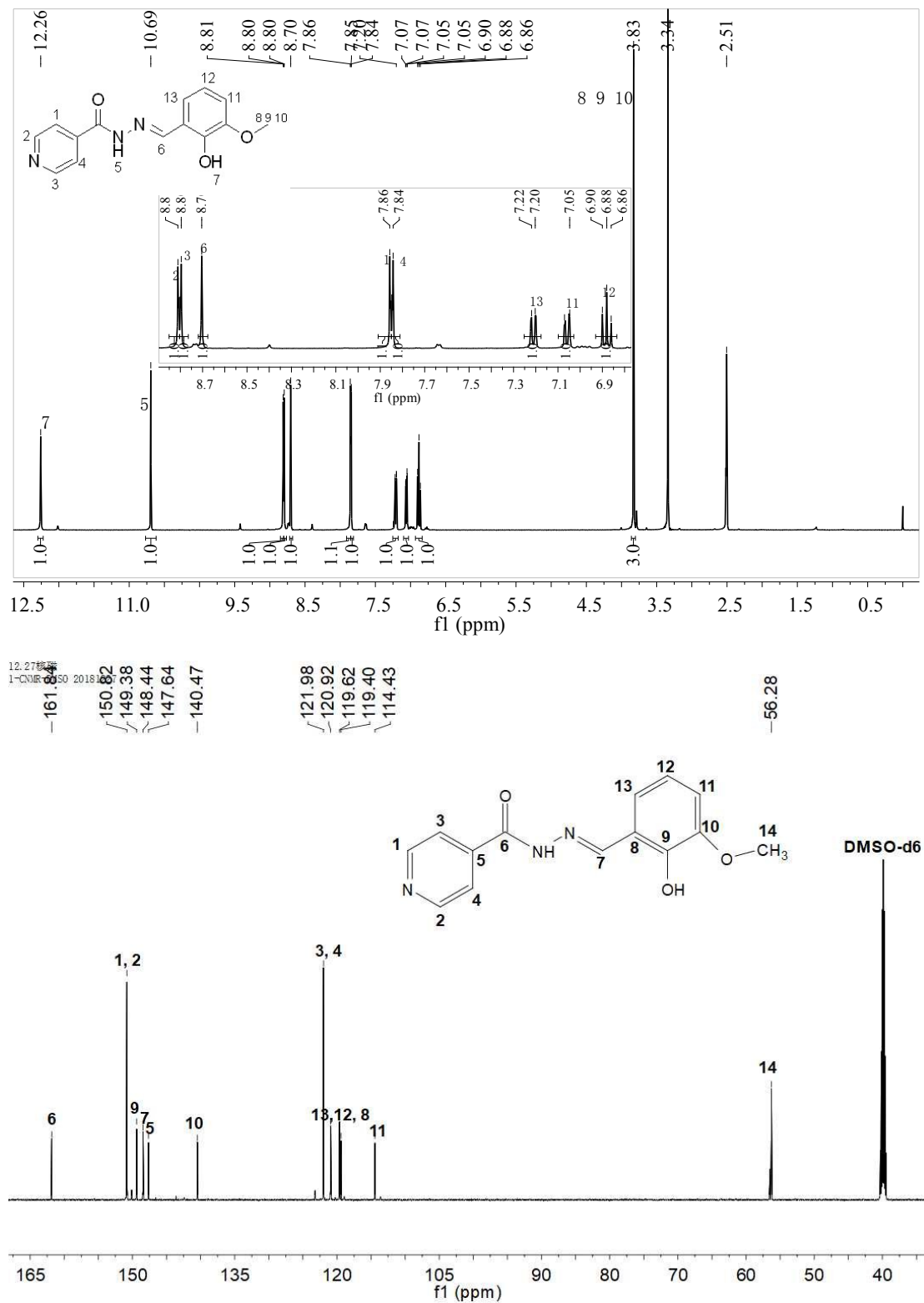


Figure S1 ¹H NMR spectra of H₂L.

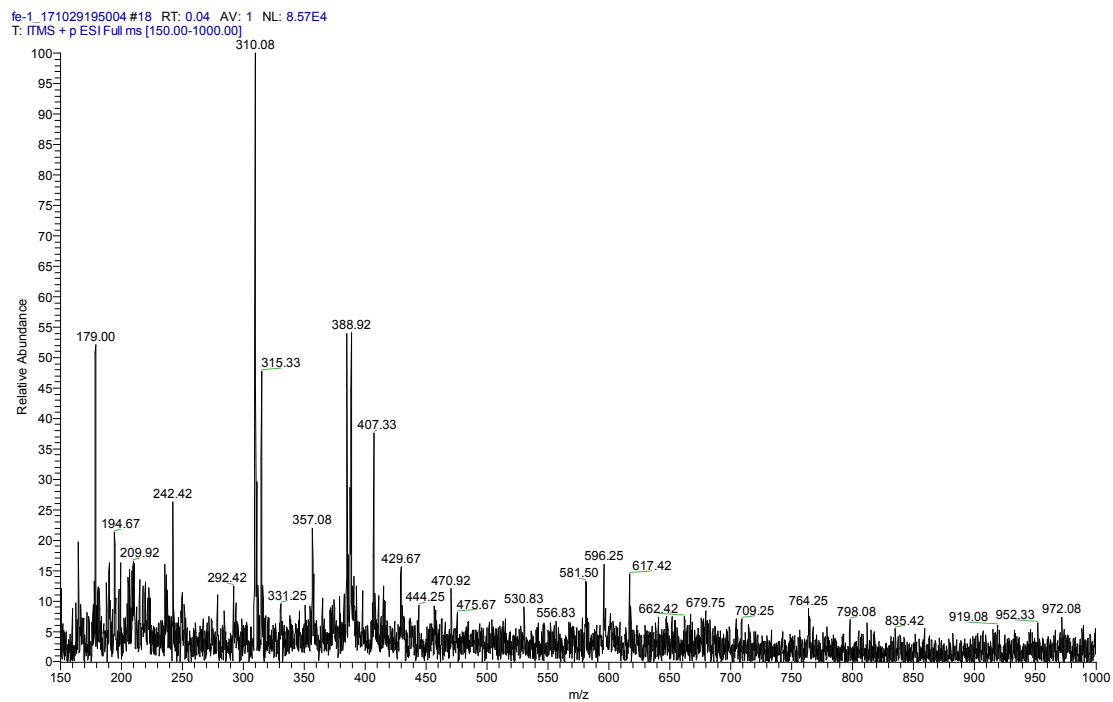


Figure S2 ESI-MS spectrum of Fe(III) complex.

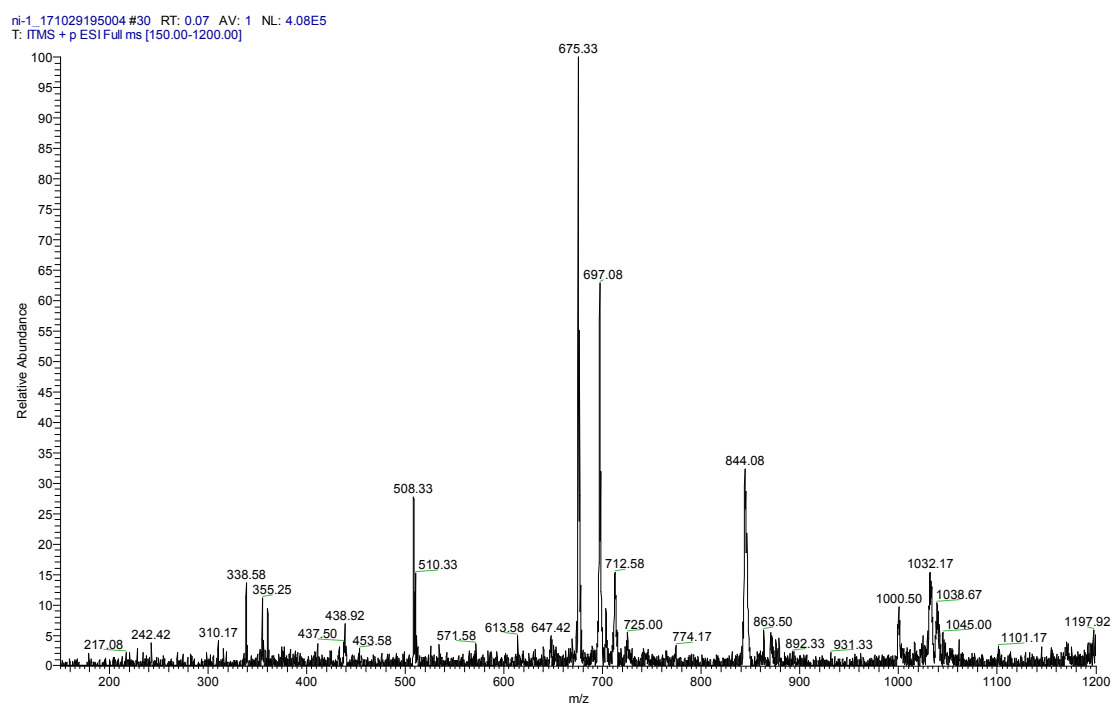


Figure S3 ESI-MS spectrum of Ni(II) complex.

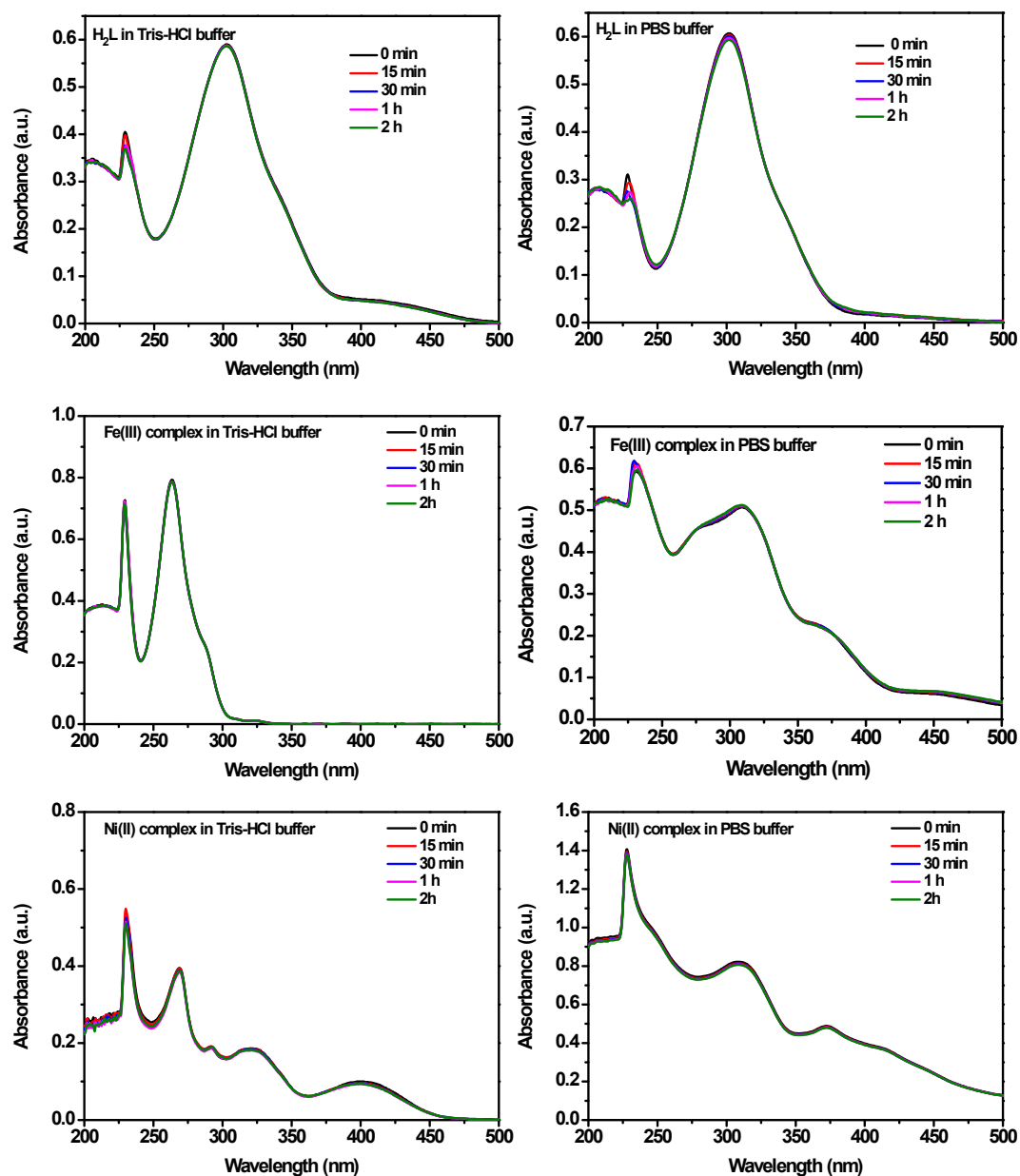


Figure S4 Stability studies of the H_2L and complexes using UV-Vis absorption spectroscopic technique in 99: 1 tris HCl buffer : DMSO mixture and 99: 1 phosphate buffer: DMSO mixture.

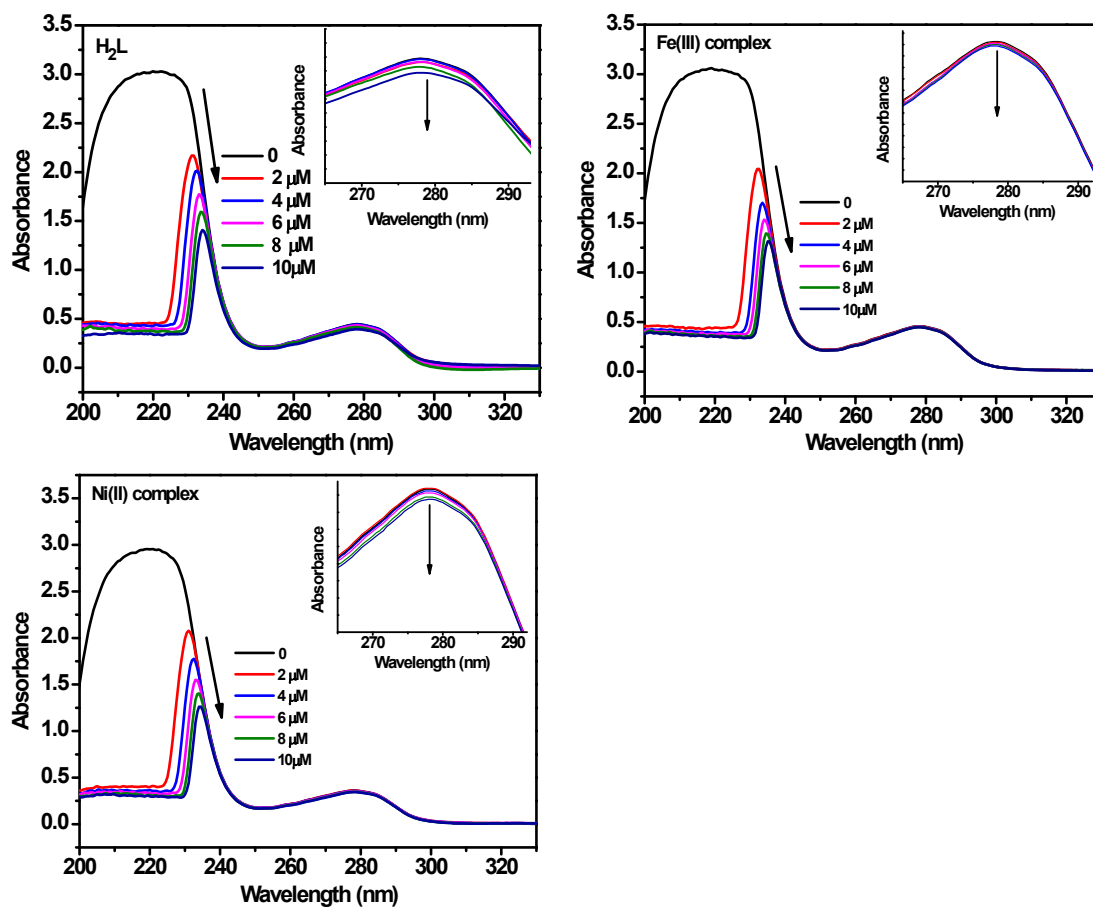


Figure S5 Absorption spectra of binding of H₂L, Fe(III) and Ni(II) complex with BSA. [BSA] = 1 μM, [compound] = 2, 4, 6, 8, 10 μM.

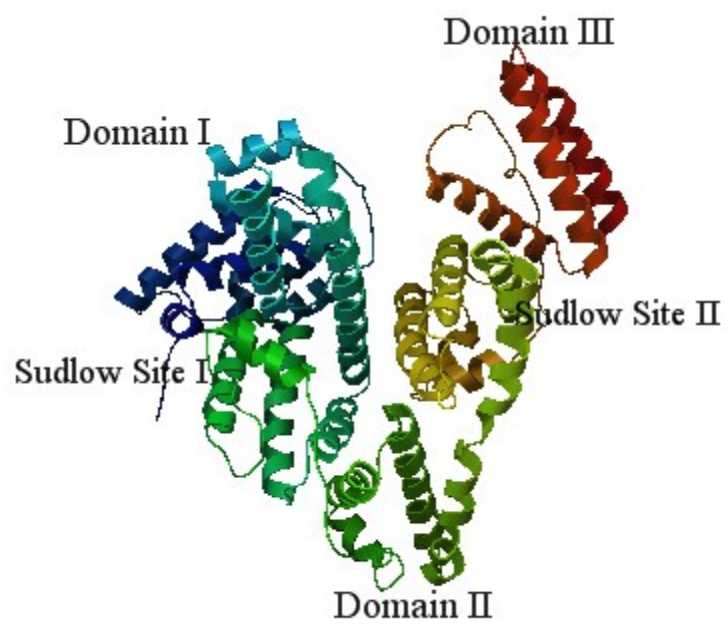


Figure S6 Crystal structure of bovine serum albumin 4F5S.