

N-((1H-Pyrrol-2-yl)methylene)-6-methoxypyridin-3-amine and Its Co(II) and Cu(II) Complexes as Antimicrobial Agents: Chemical Preparation, In Vitro Antimicrobial Evaluation, In Silico Analysis and Computational and Theoretical Chemistry Investigations

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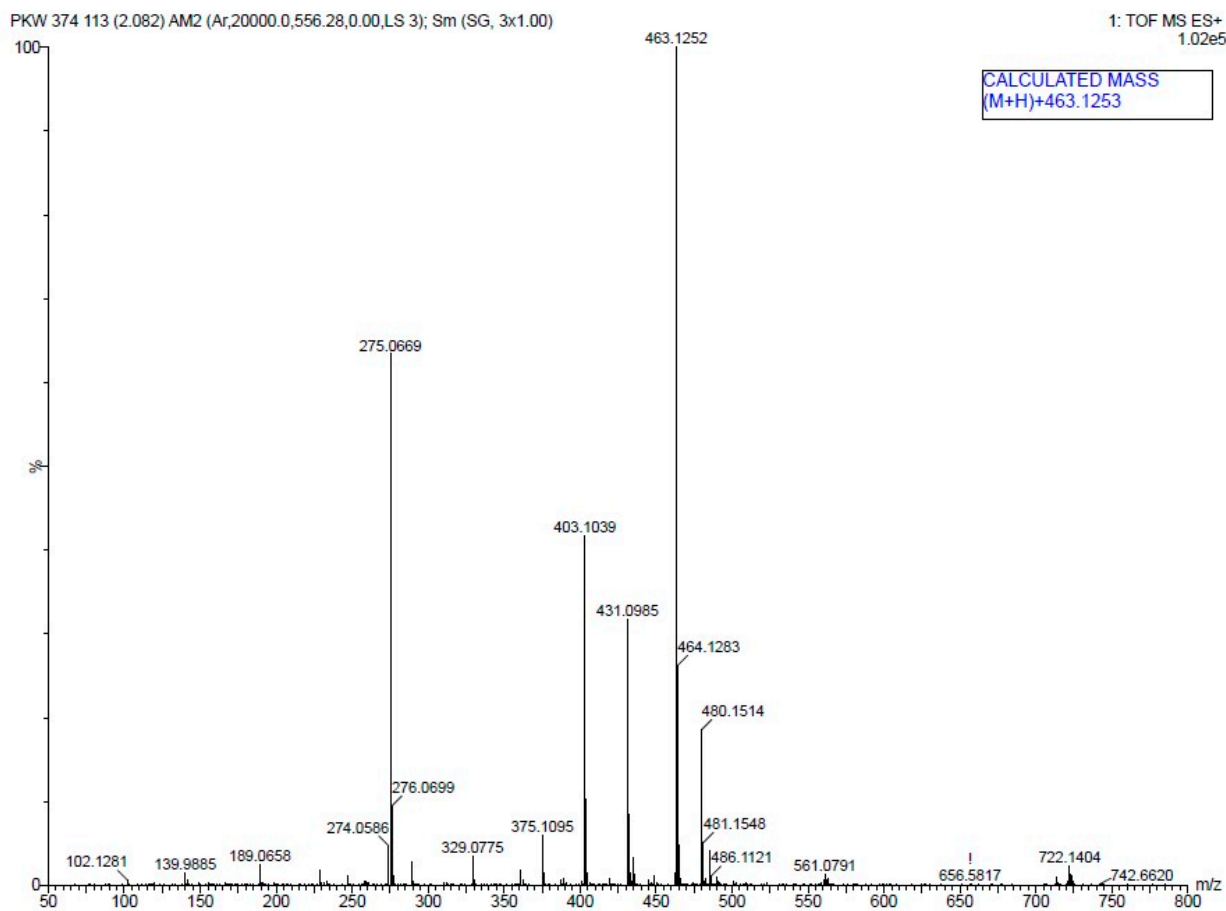


Figure S1. Mass spectrum of MPM-Cu(II) complex.

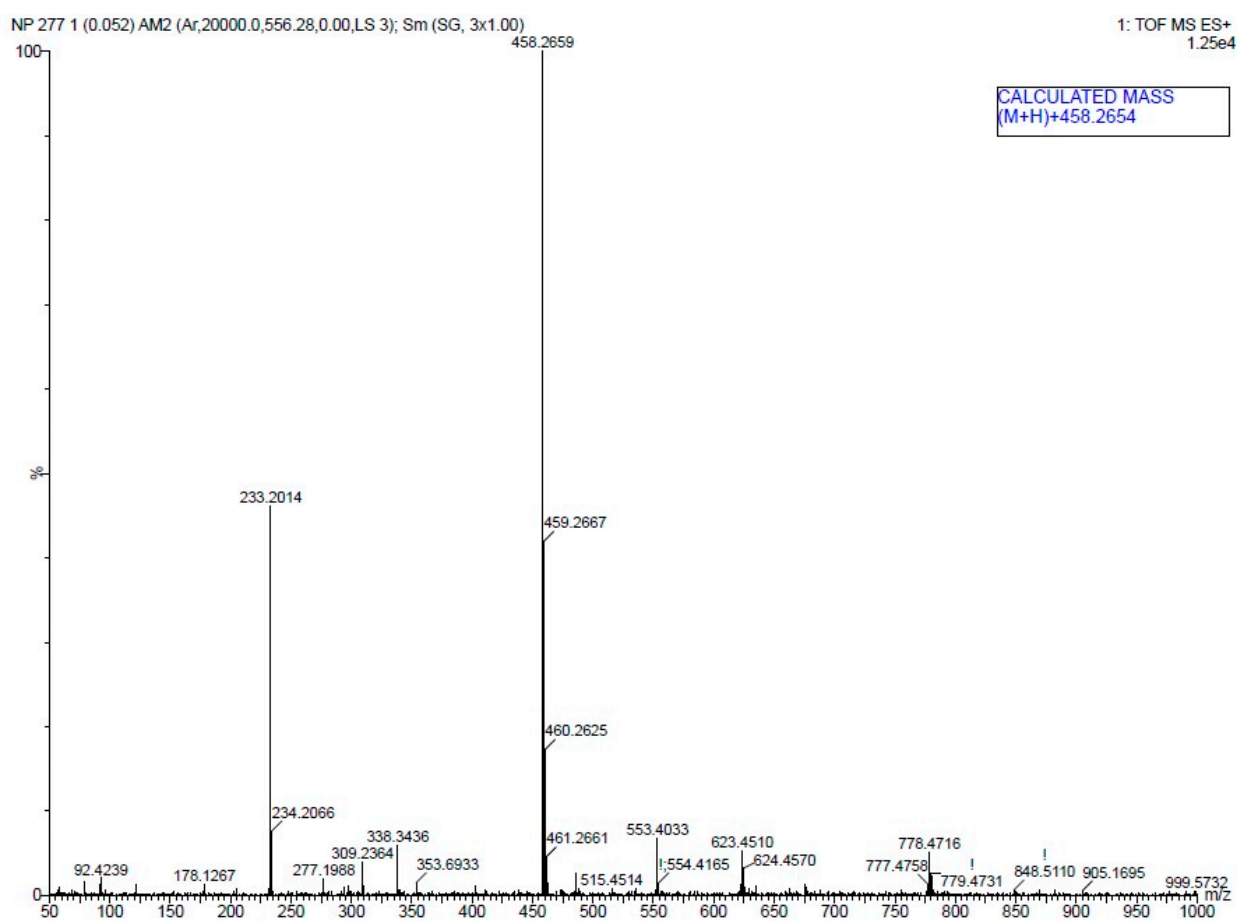


Figure S2. Mass spectrum of MPM-Co(II) complex.

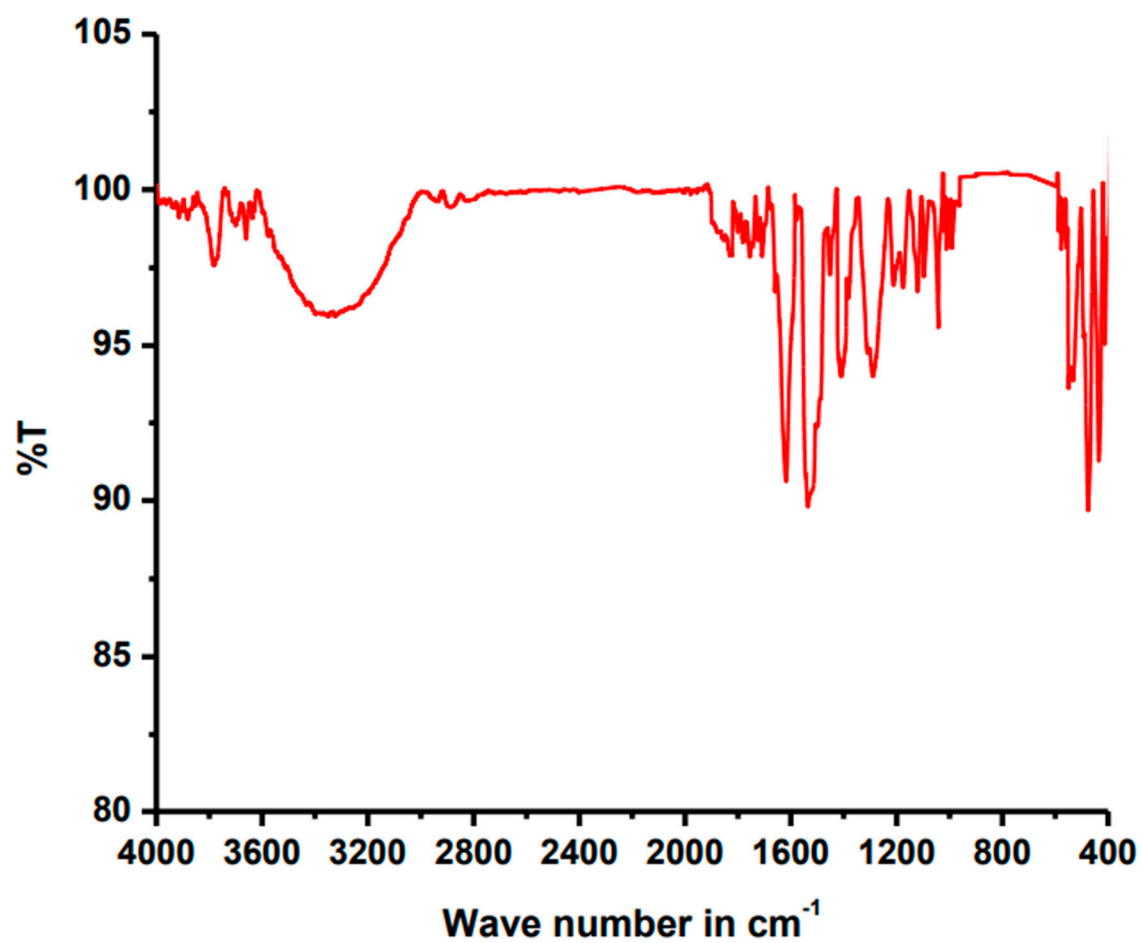


Figure S3. FT-IR spectrum of MPM-Cu(II) complex.

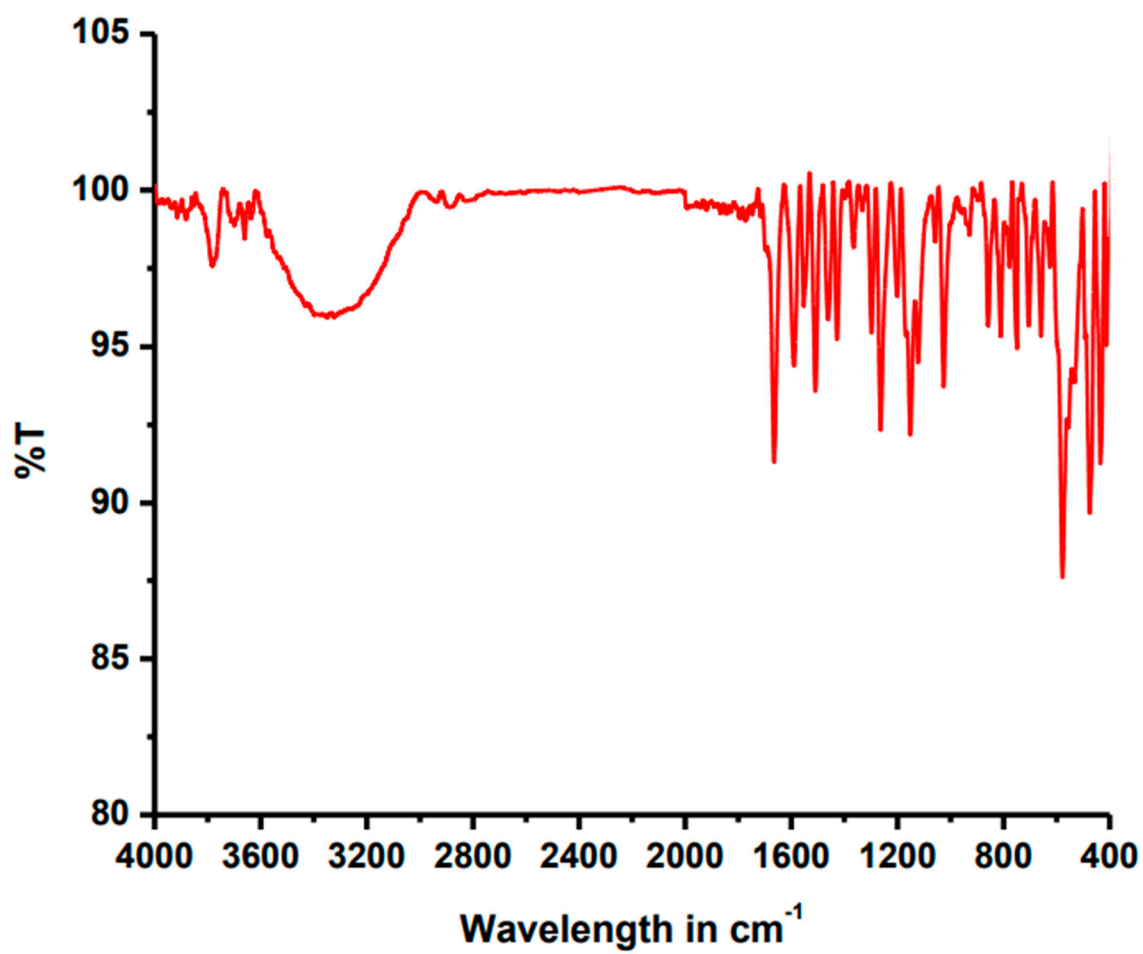


Figure S4. FT-IR spectrum of MPM-Co(II) complex.

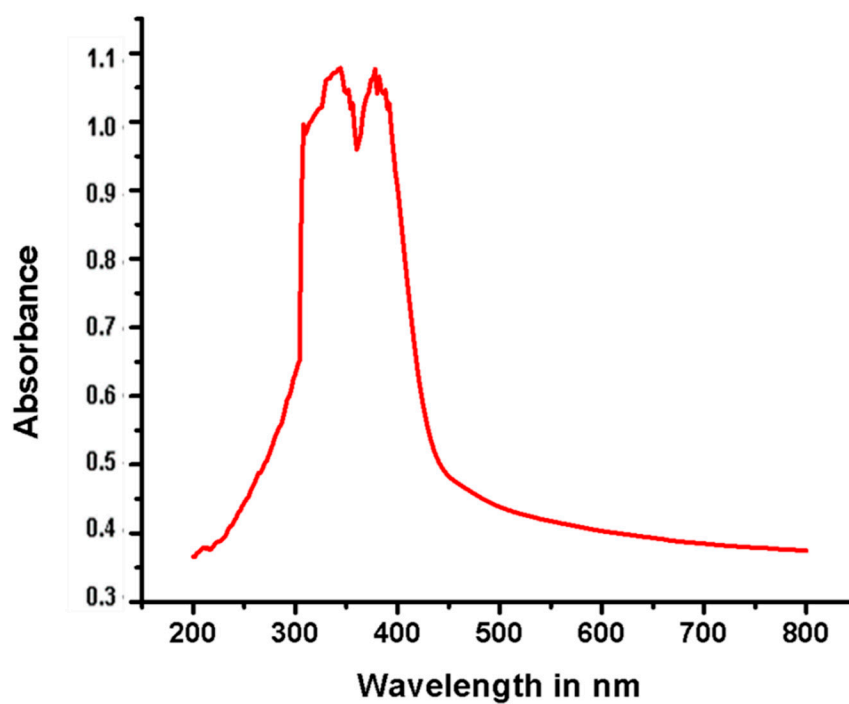


Figure S5. UV-Visible spectrum of MPM-Cu(II) complex.

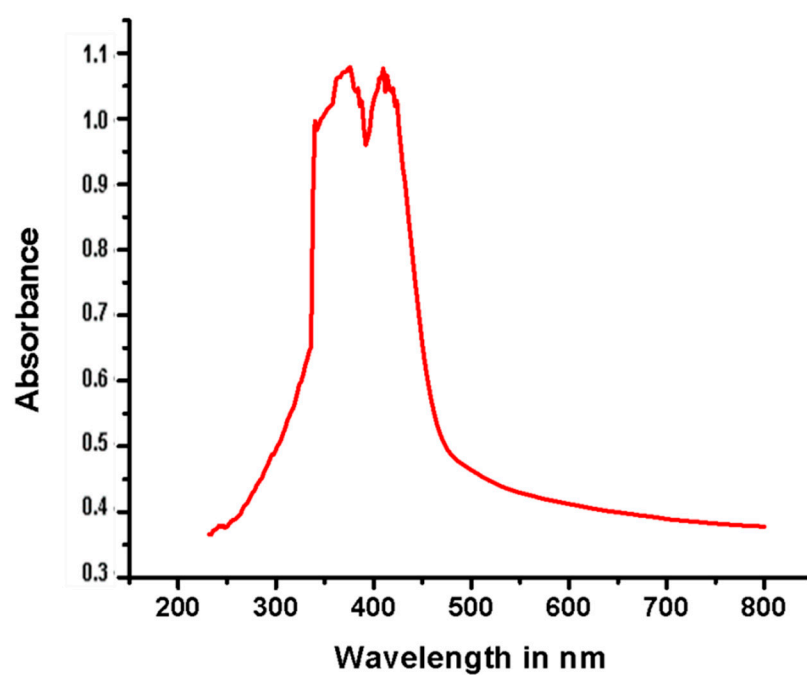


Figure S6. UV-Visible spectrum of MPM-Co(II) complex.

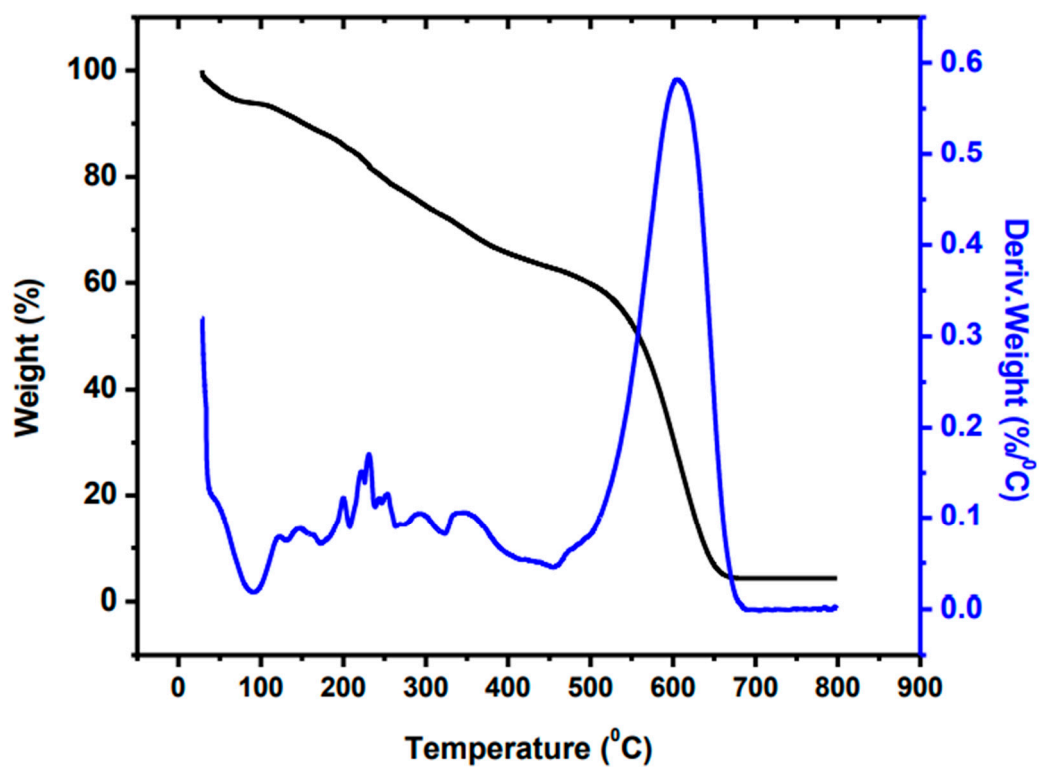


Figure S7. TGA of MPM-Cu(II) complex.

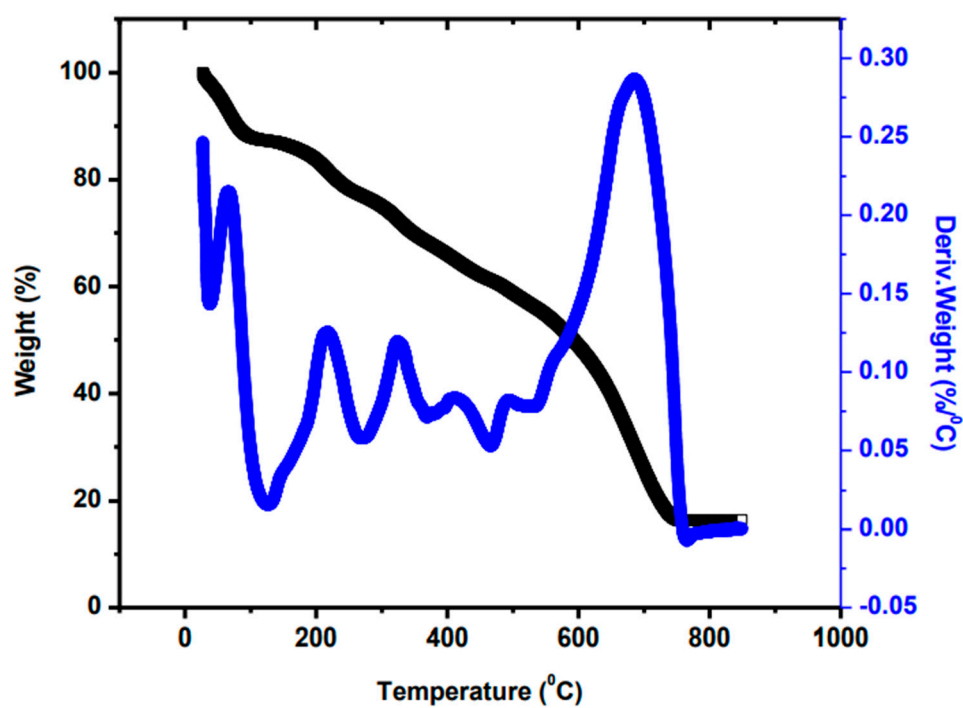


Figure S8. TGA of MPM-Co(II) complex.

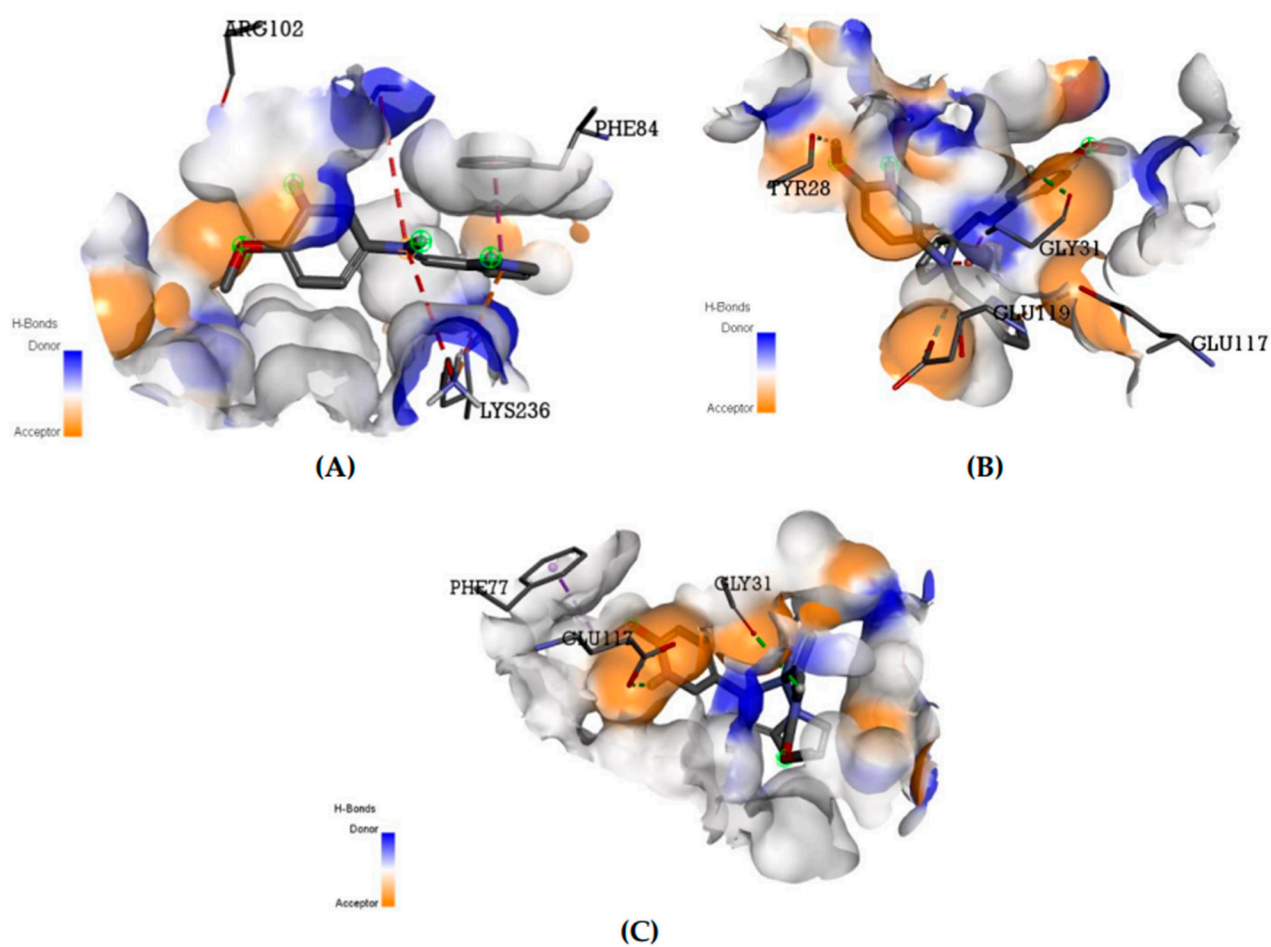


Figure S9. 3D visualization of docking analysis of 1QD9 protease binding with (A) MPM, (B) MPM-Cu(II) and (C) MPM-Co(II).

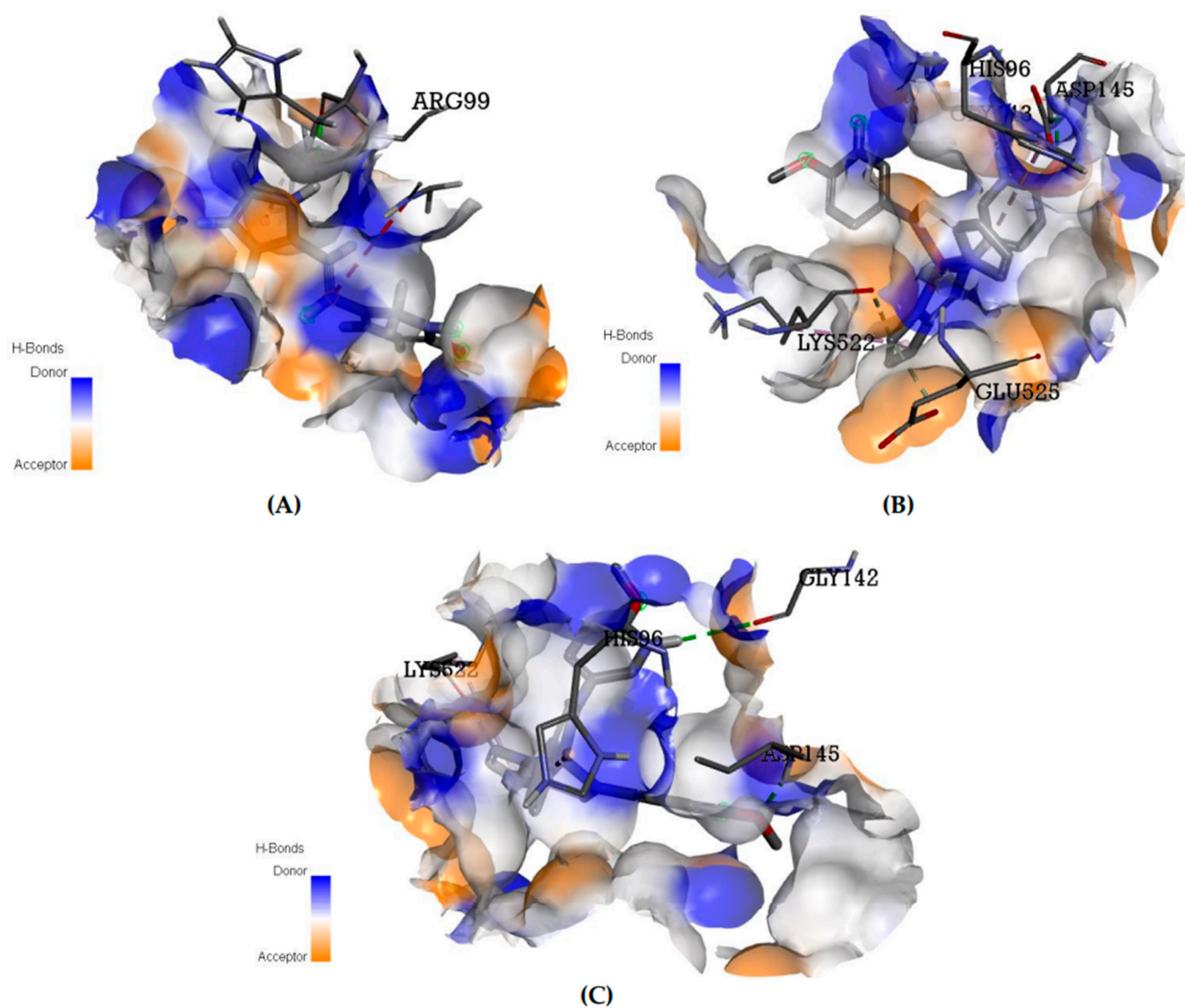


Figure S10. 3D visualization of docking analysis of 5C2Z protease binding with (A) MPM, (B) MPM-Cu(II) and (C) MPM-Co(II).

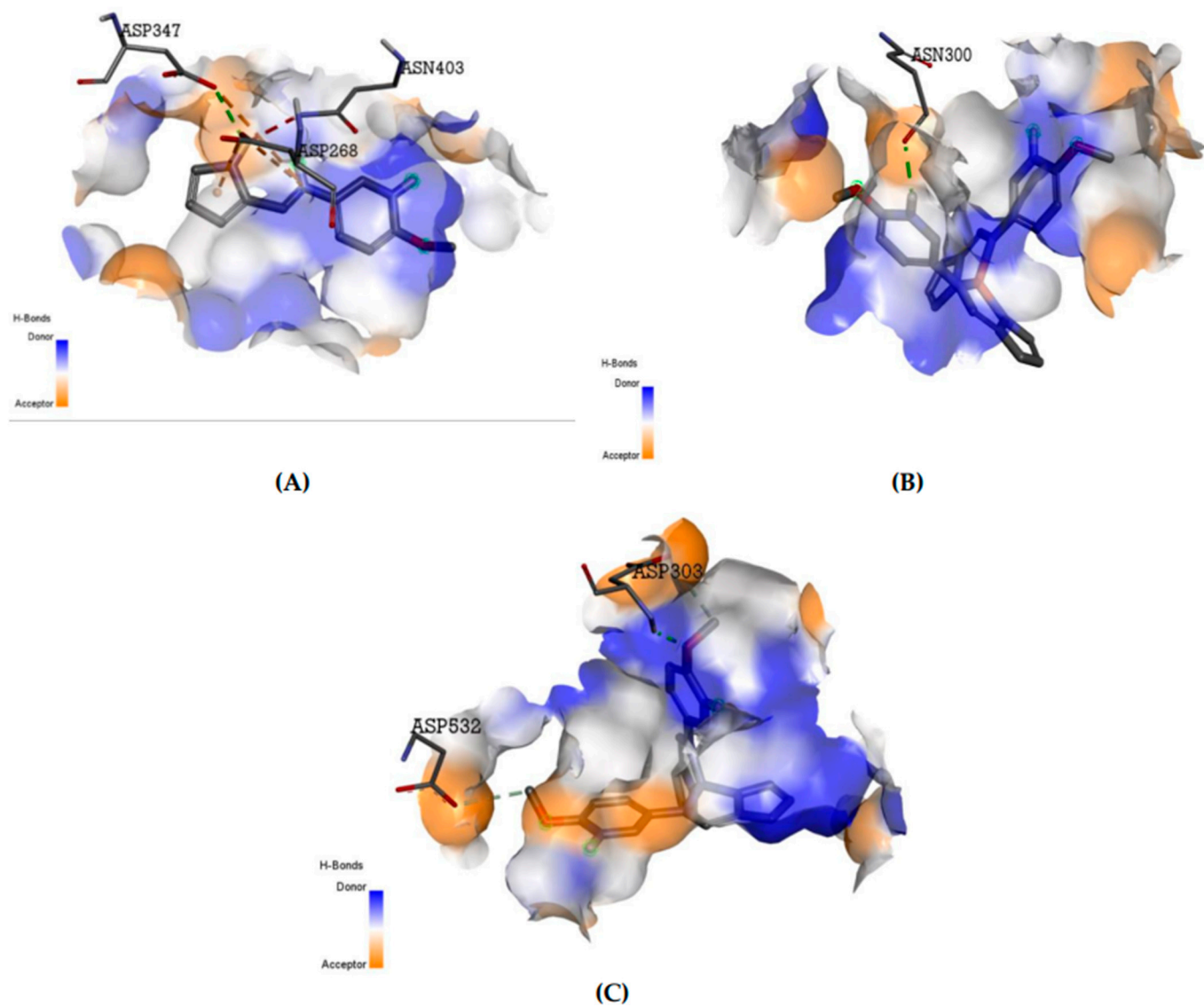


Figure S11. 3D visualization of docking analysis of 5I5H protease binding with (A) MPM, (B) MPM-Cu(II) and (C) MPM-Co(II).

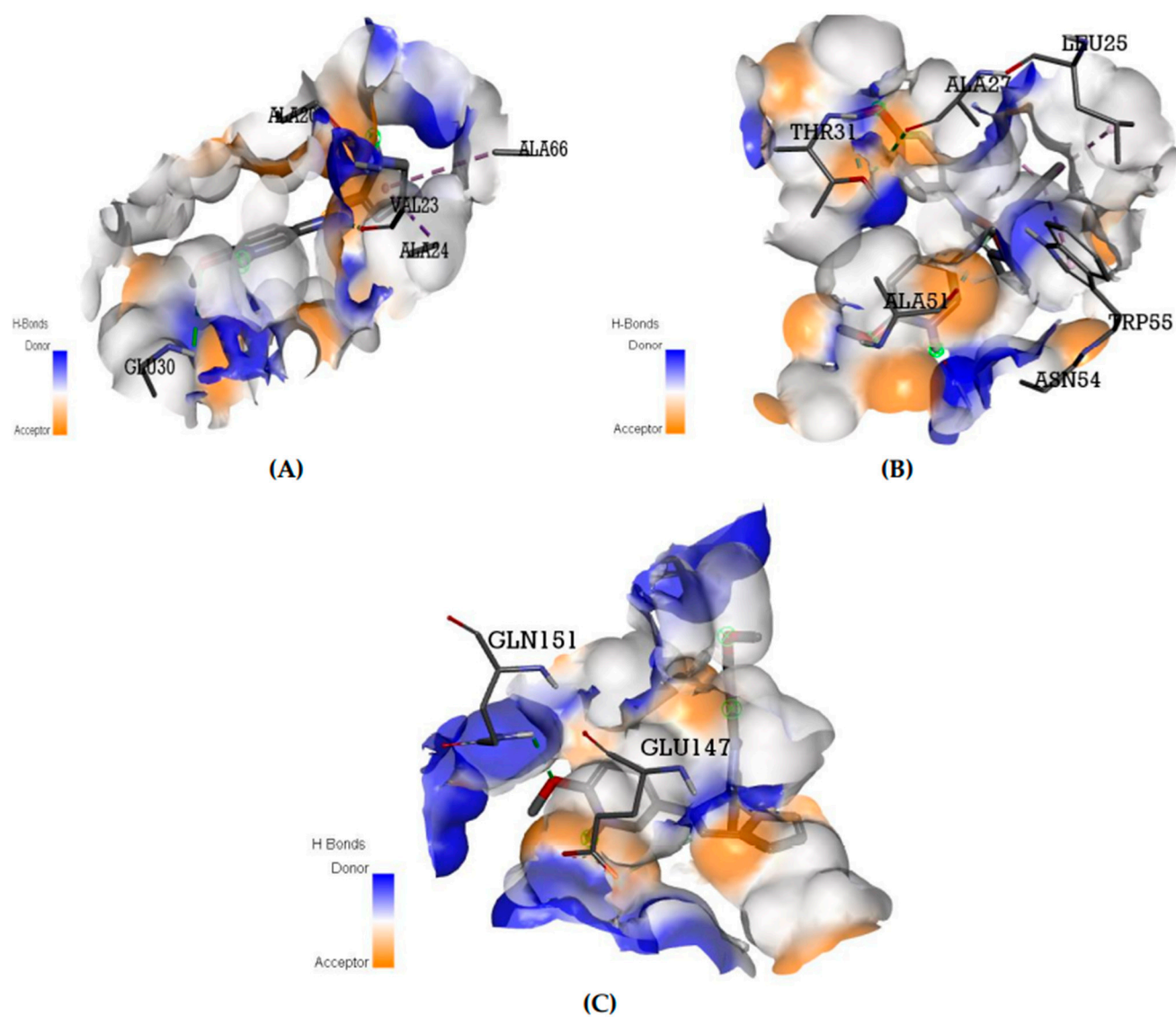


Figure S12. 3D visualization of docking analysis of 3O7J protease binding with (A) MPM, (B) MPM-Cu(II) and (C) MPM-Co(II).