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SUPPLEMENTARY

Eco-friendly synthesis of azo Schiff base ligand and its metal complexes: anticancer, antidiabetic and antimicrobial activities

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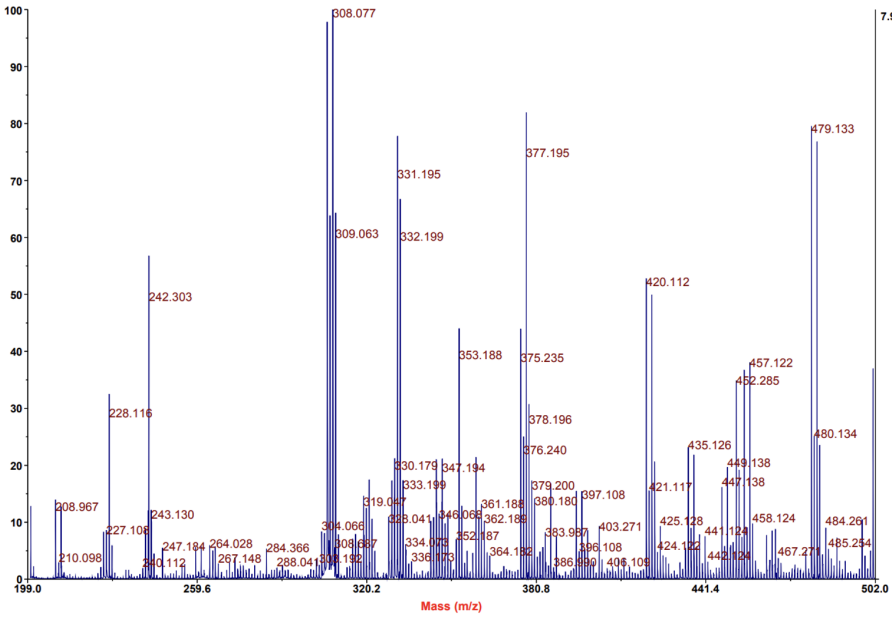

Fig. S1. Mass spectrum of azo-Schiff base ligand B102

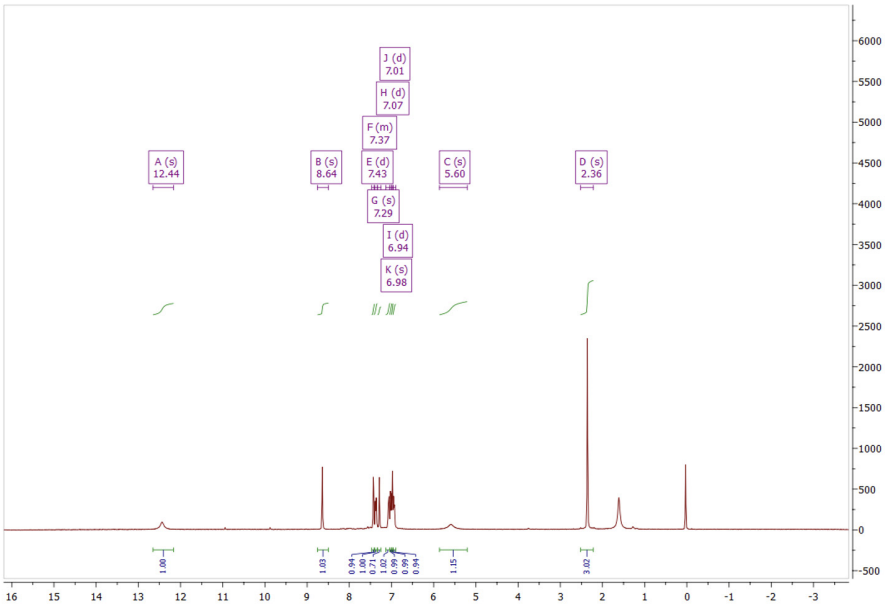

Fig. S2.^{1}H NMR of azo-Schiff base ligand B102

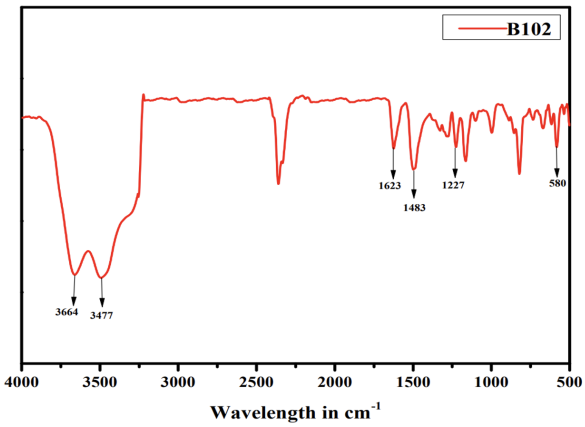

Fig. S3. FTIR of azo-Schiff base ligand B102

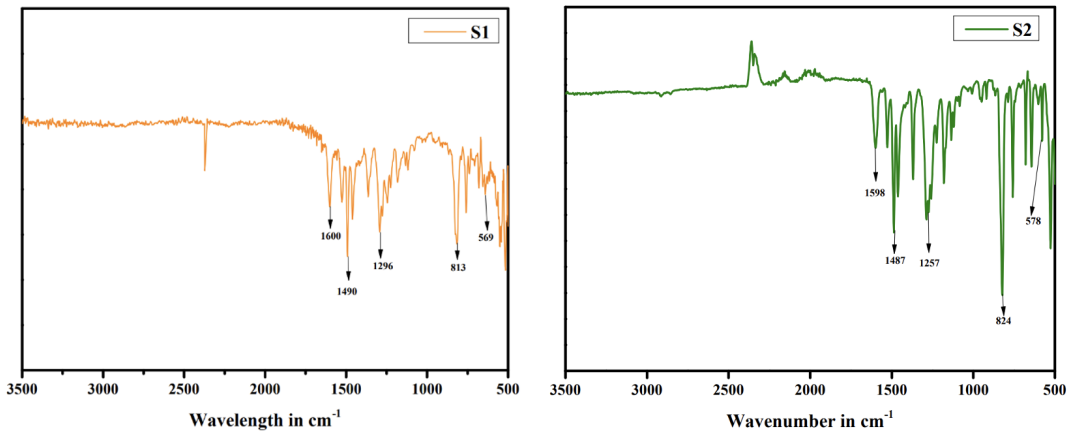

Fig. S4. FTIR of S1 and S2 complex

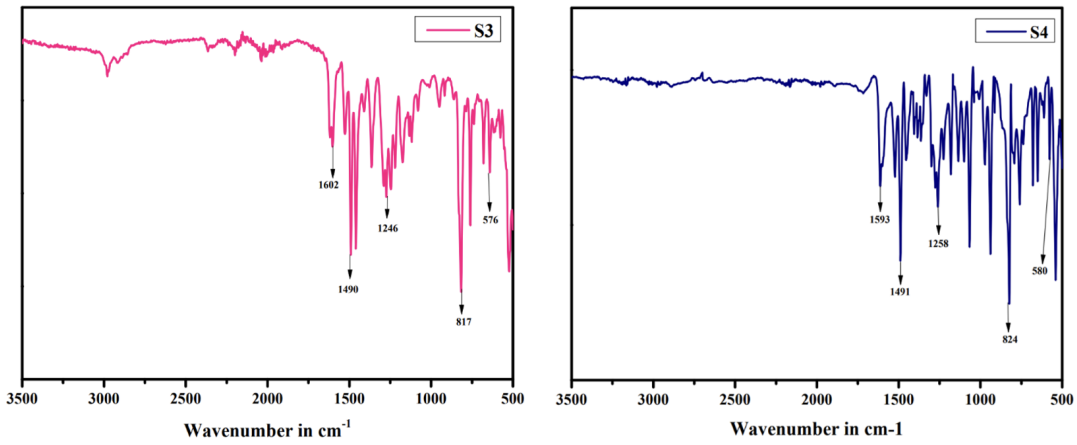

Fig. S5. FTIR of S3 and S4 complex

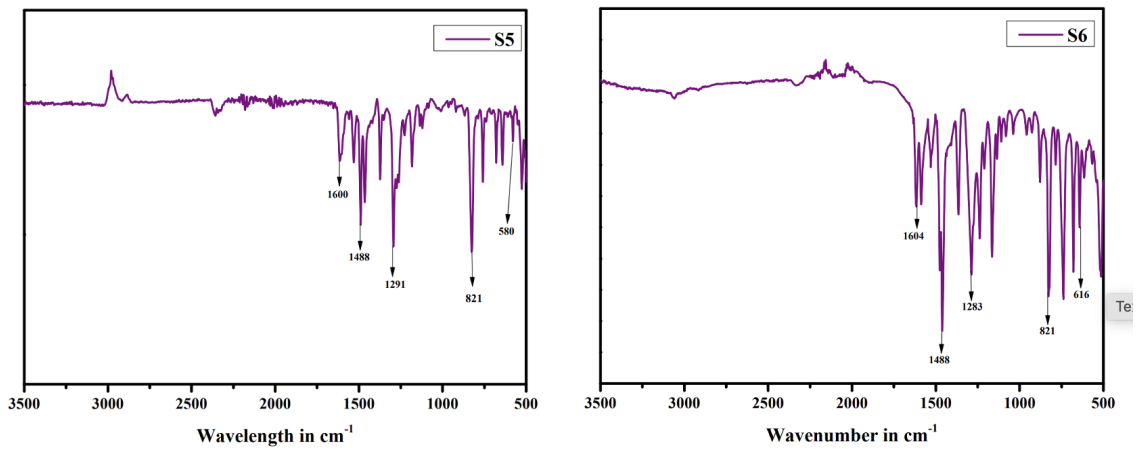

Fig. S6. FTIR of S5 and S6 complex

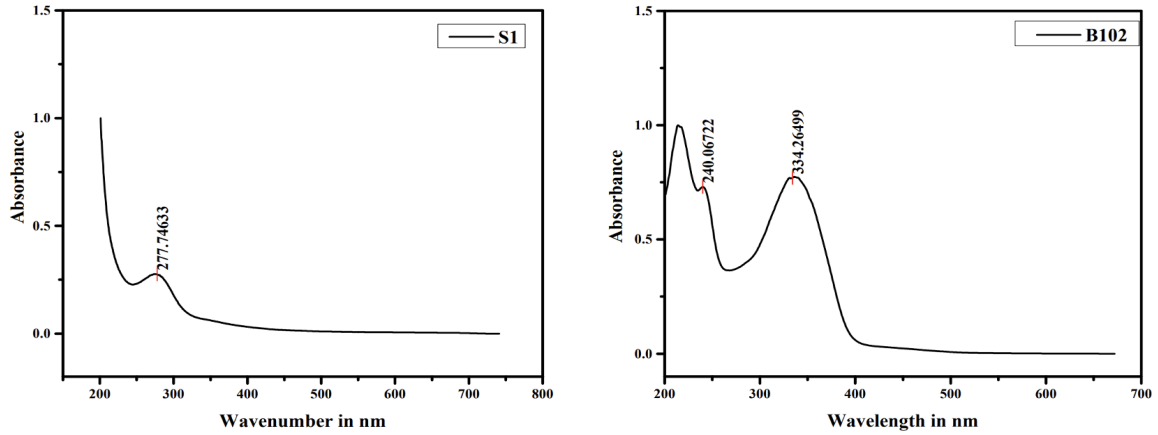

Fig. S7. Electronic spectra of azo-Schiff base ligand B102 and S1 complex

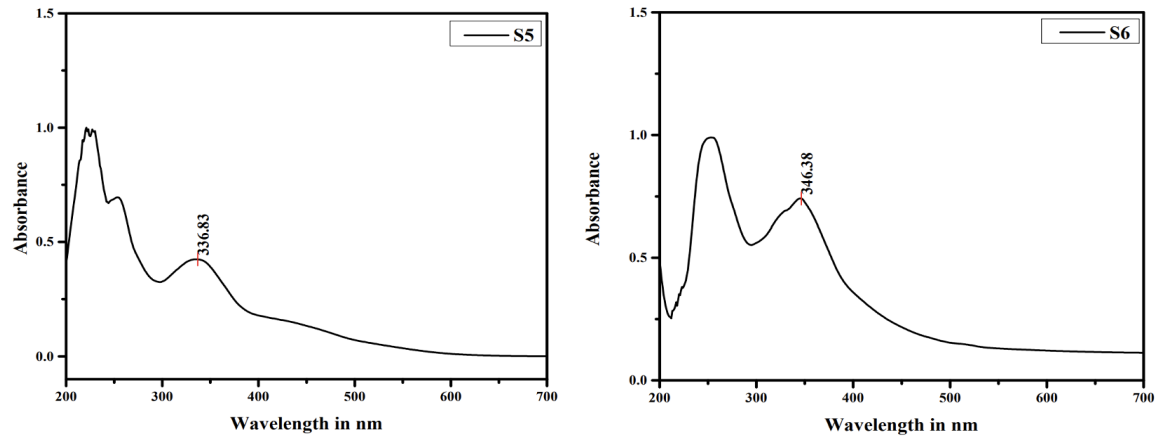

Fig. S8. Electronic spectra of S2 and S3 complex

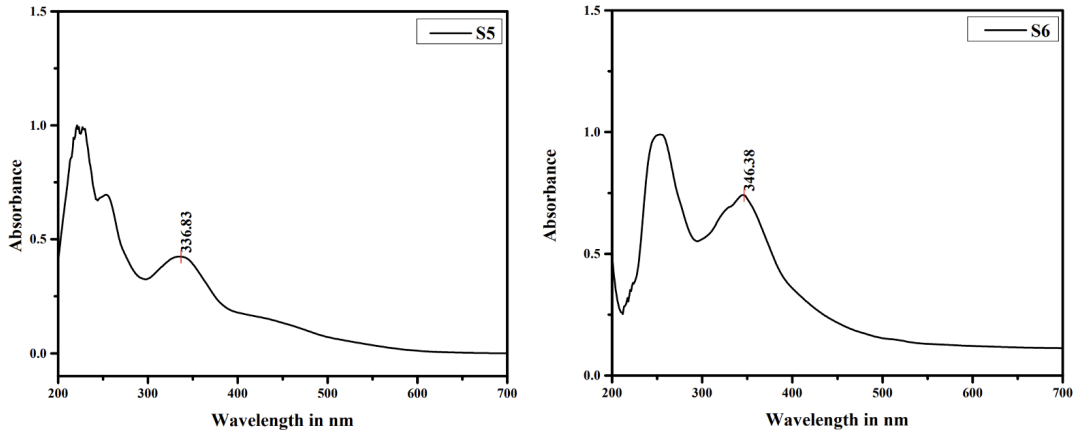

Fig. S9. Electronic spectra of S5 and S6 complex

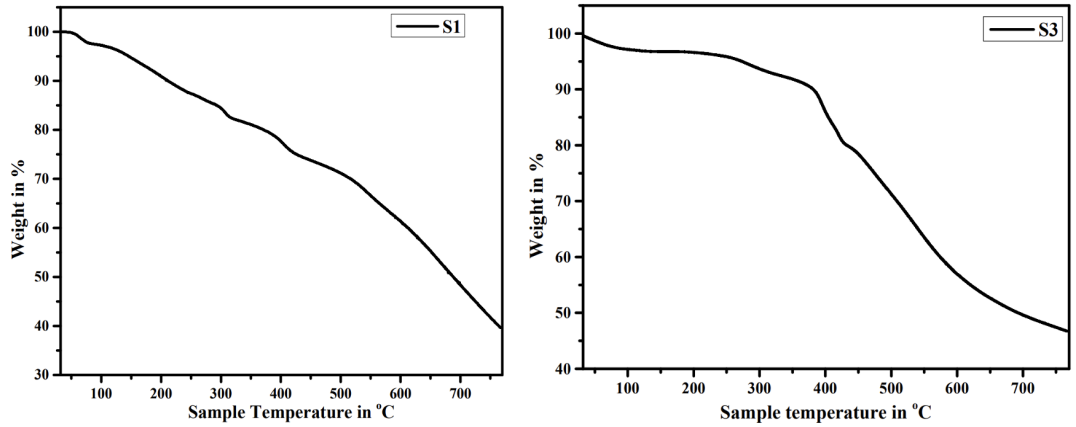

Fig. S10. TGA of S1 and S3 complex

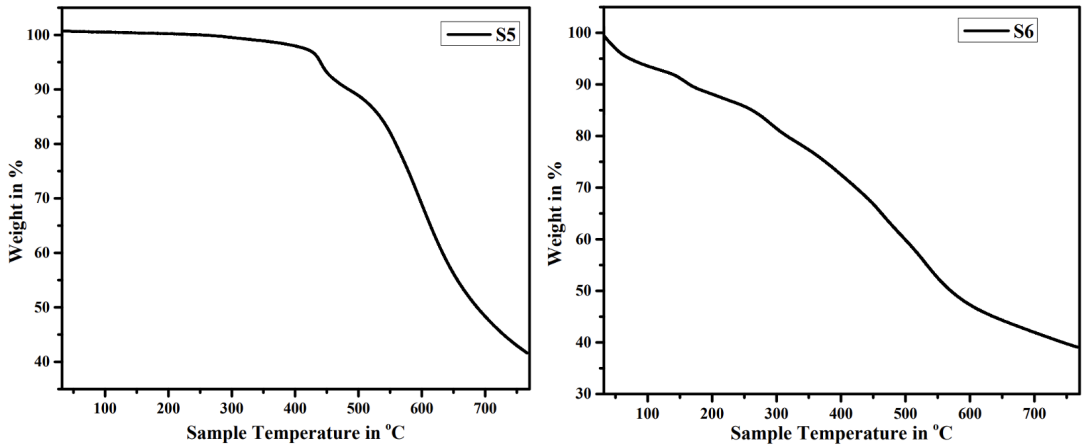

Fig. S11. TGA of S5 and S6 complex

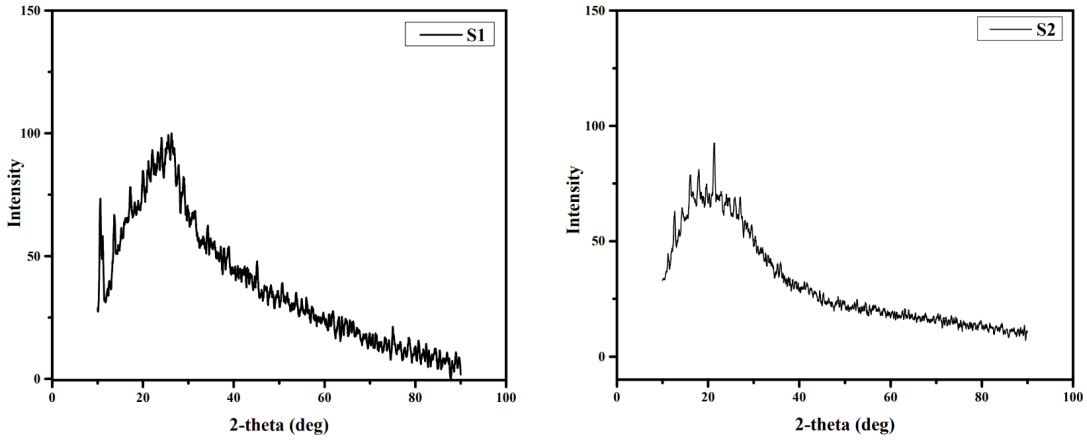

Fig. S12. Powder X-ray diffractogram of S1 and S2 complexes

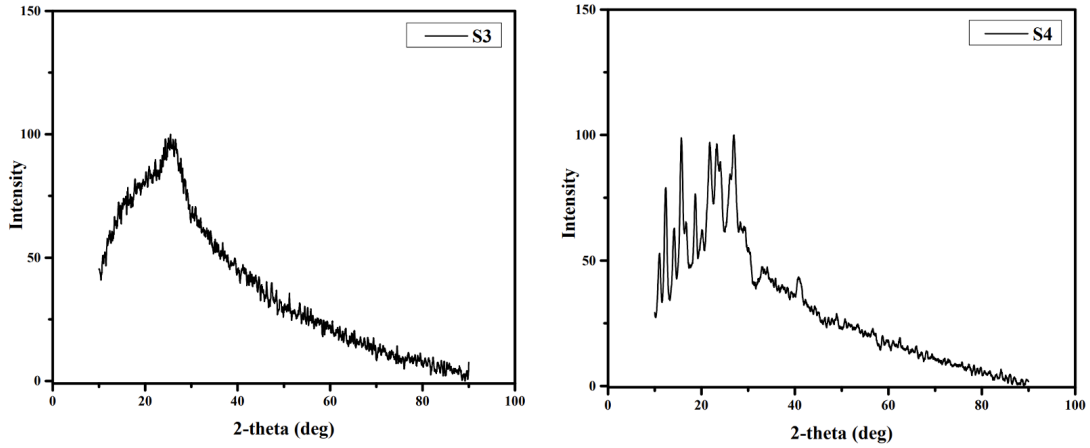

Fig. S13. Powder X-ray diffractogram of S3 and S4 complexes

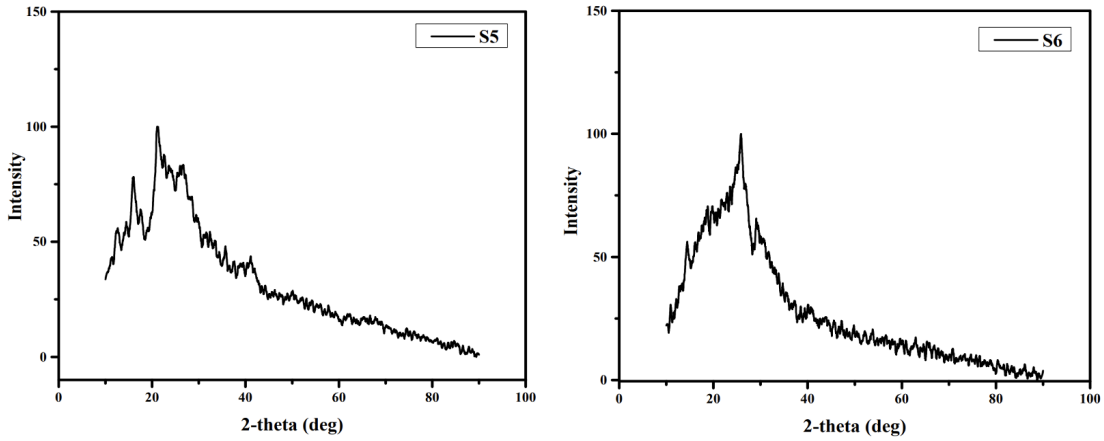

Fig. S14. Powder X-ray diffractogram of S5 and S6 complexes

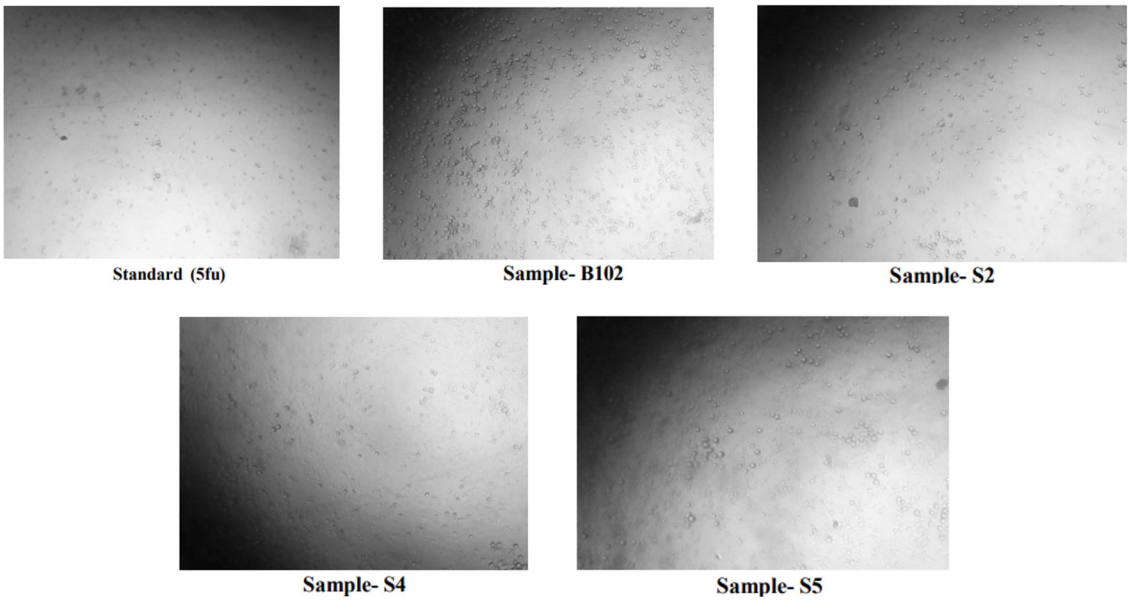

Fig. S15. Photos of Anti-cancer activity

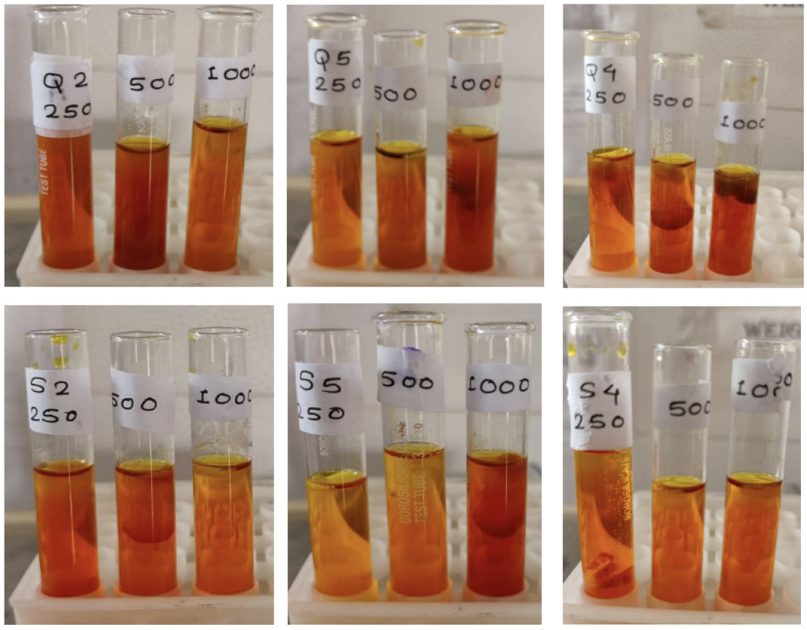

Fig. S16. Photos of anti-diabetic activity