

Supplementary Information

Synthesis, Characterisation, Biological and Computational Studies of Novel Schiff Bases from Heterocyclic Molecules

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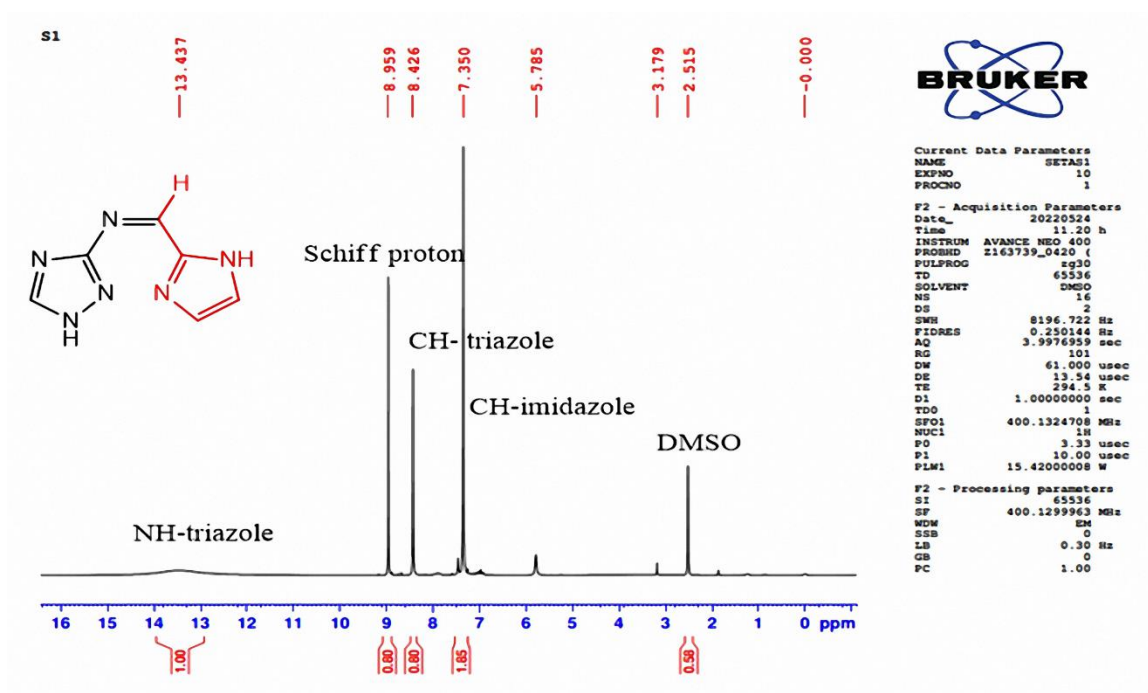


Figure S1. ¹H NMR spectrum in DMSO-*d* for Schiff bases (S1), at room temperature.

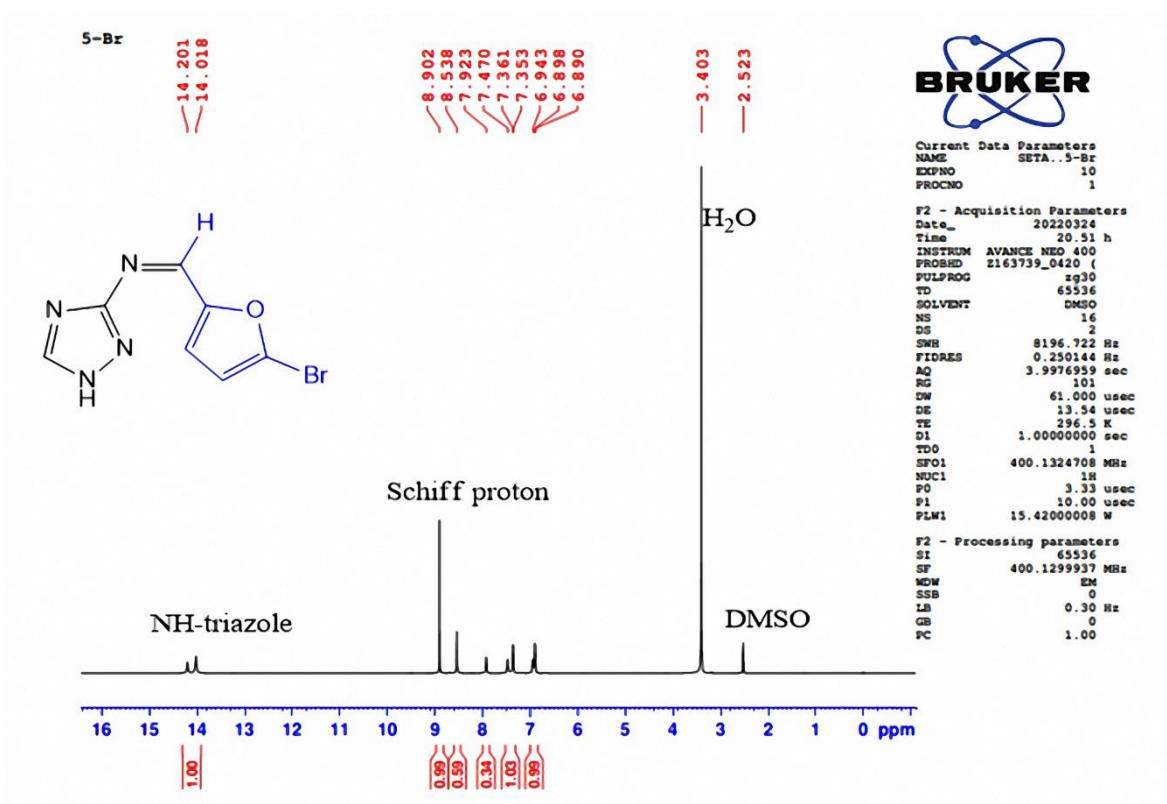


Figure S2. ^1H NMR spectrum in $\text{DMSO-}d_6$ for Schiff base (S2), at room temperature.

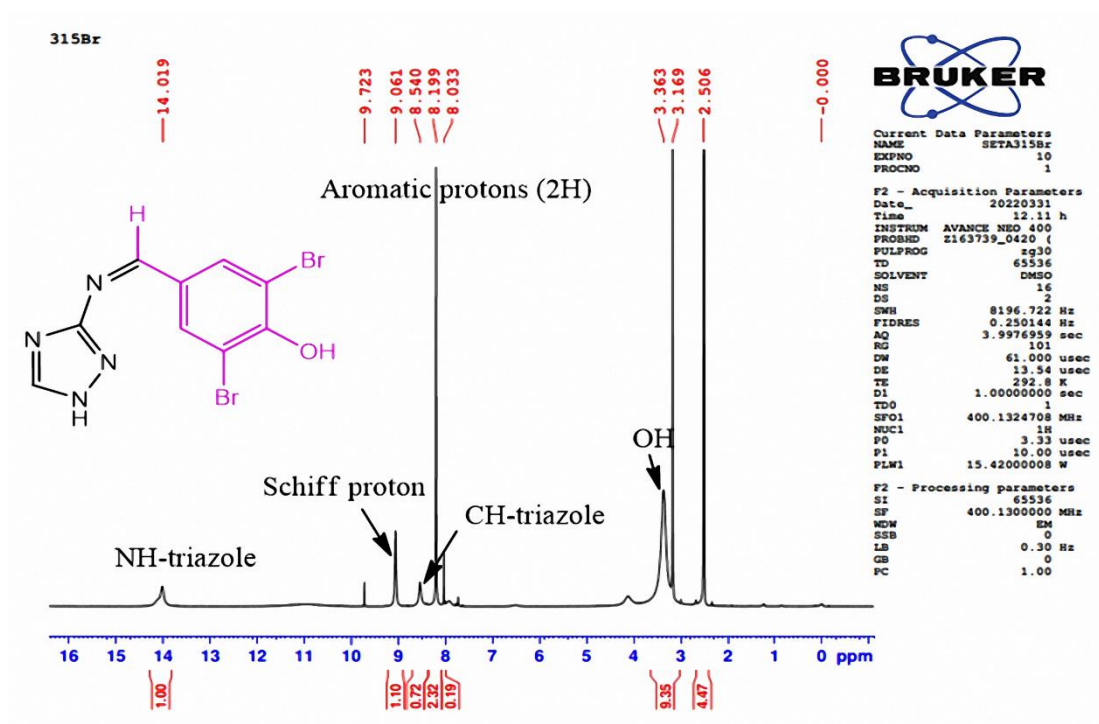


Figure S3. ^1H NMR spectrum in $\text{DMSO-}d_6$ for Schiff base (S3), at room temperature.

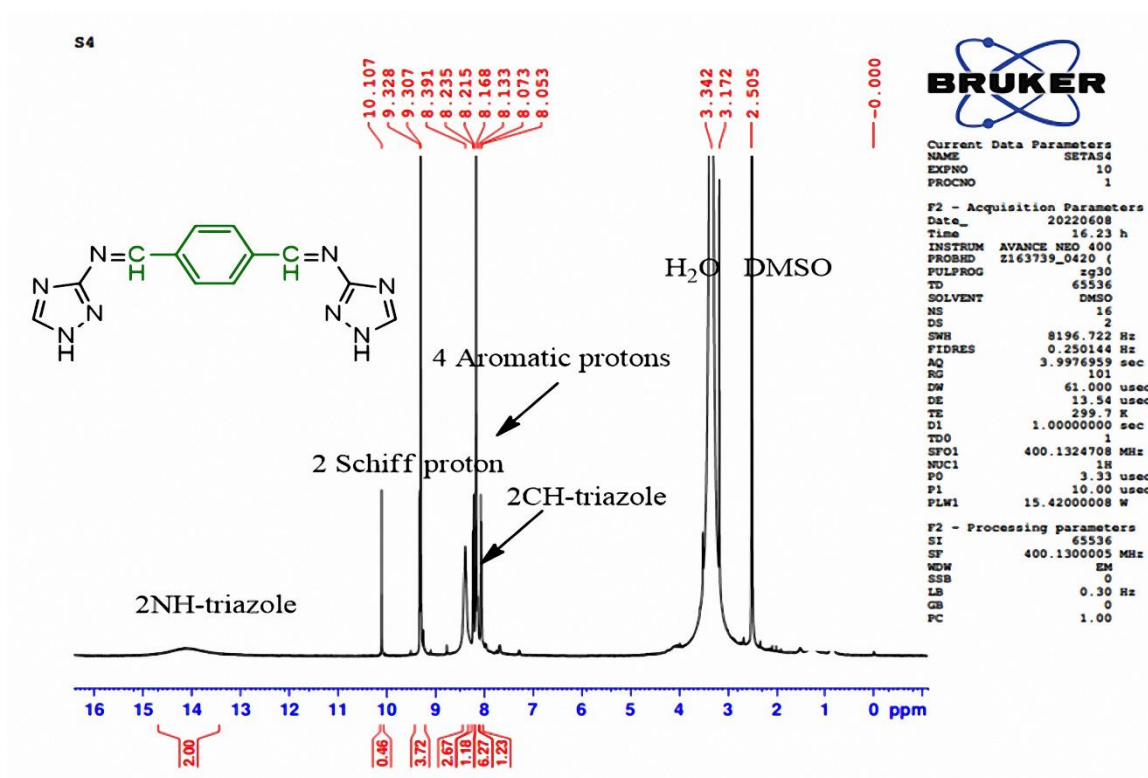


Figure S4. ¹H NMR spectrum in DMSO-*d*₆ for Schiff base (S4), at room temperature.

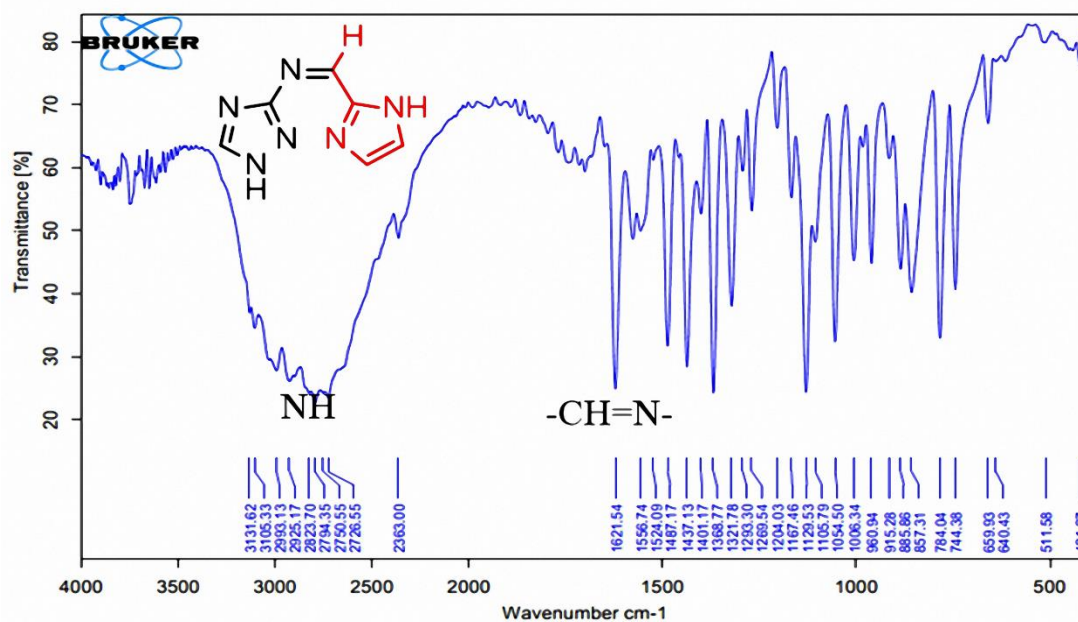


Figure S5. IR spectrum for Schiff base (S1), at room temperature.

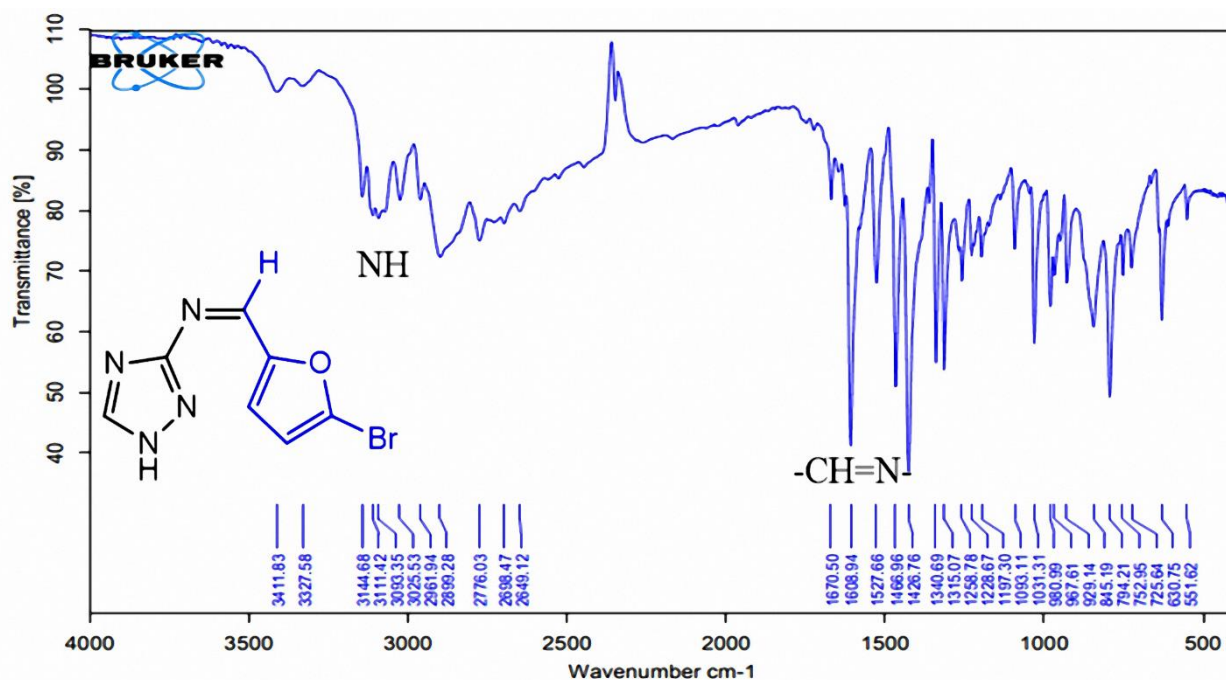


Figure S6. IR spectrum for Schiff base (S2), at room temperature.

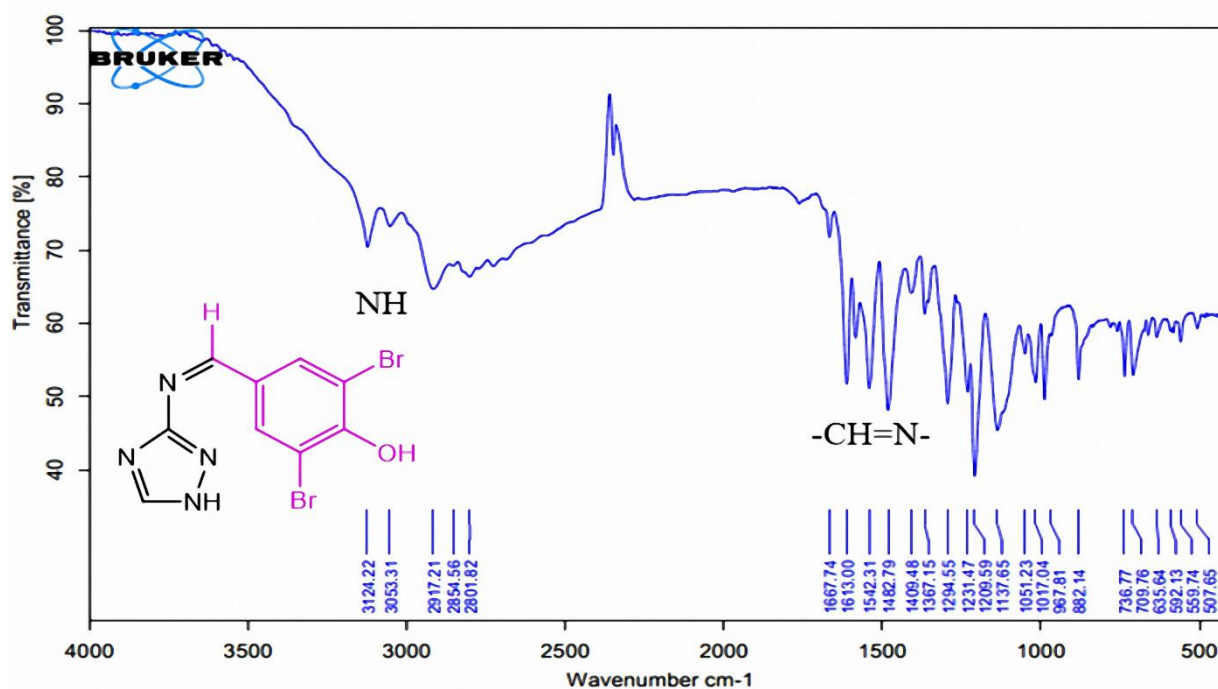


Figure S7. IR spectrum for Schiff base (S3), at room temperature.

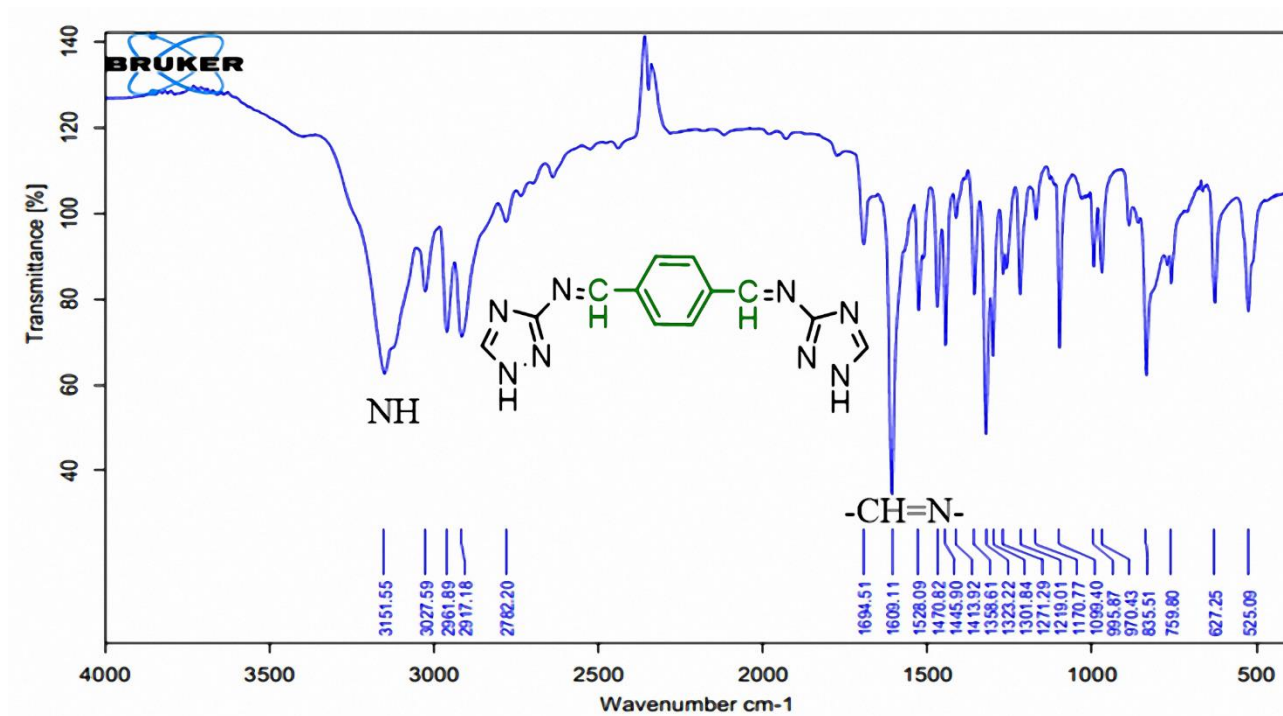


Figure S8. IR spectrum for Schiff base (S4), at room temperature.

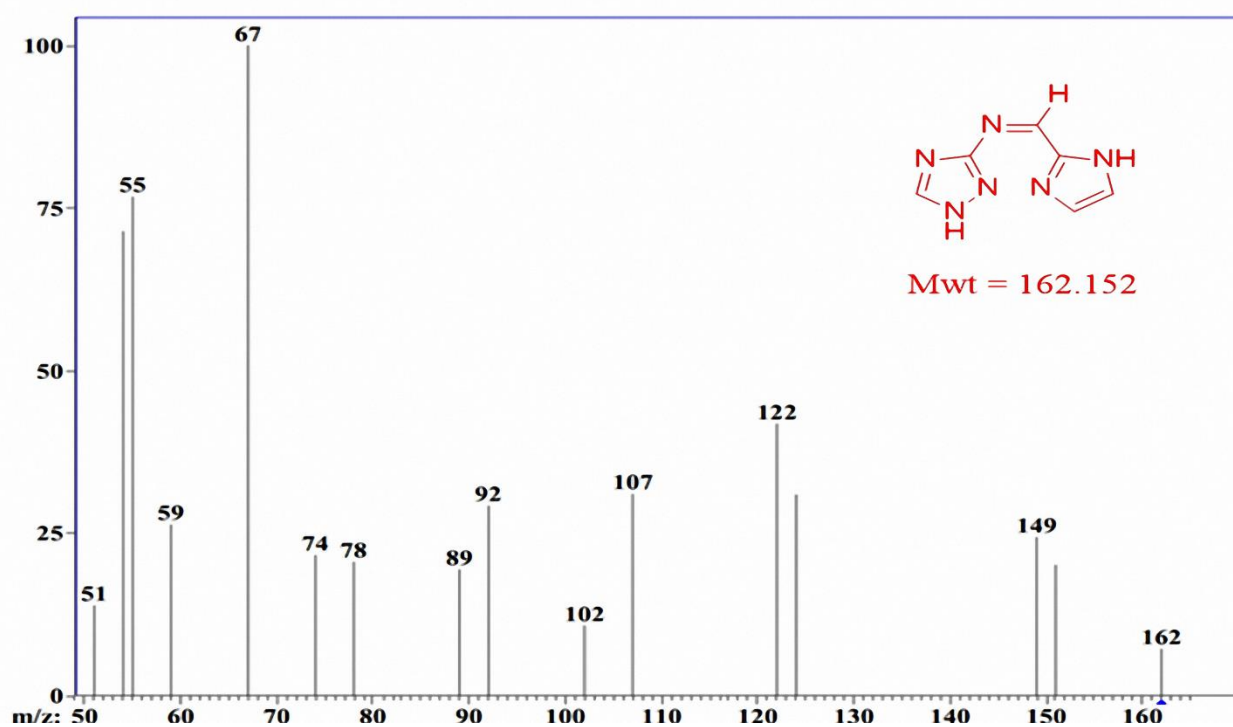


Figure S9. Mass spectrum for Schiff base (S1).

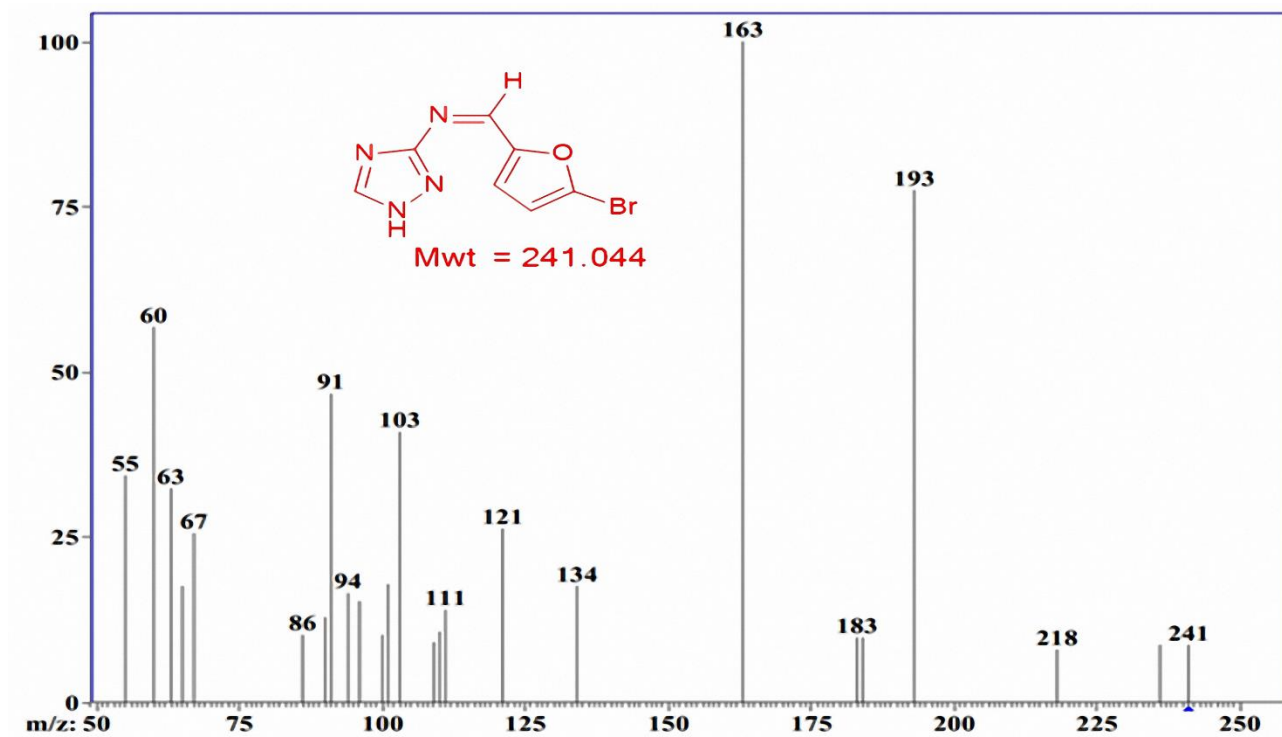


Figure S10. Mass spectrum for Schiff base (S2).

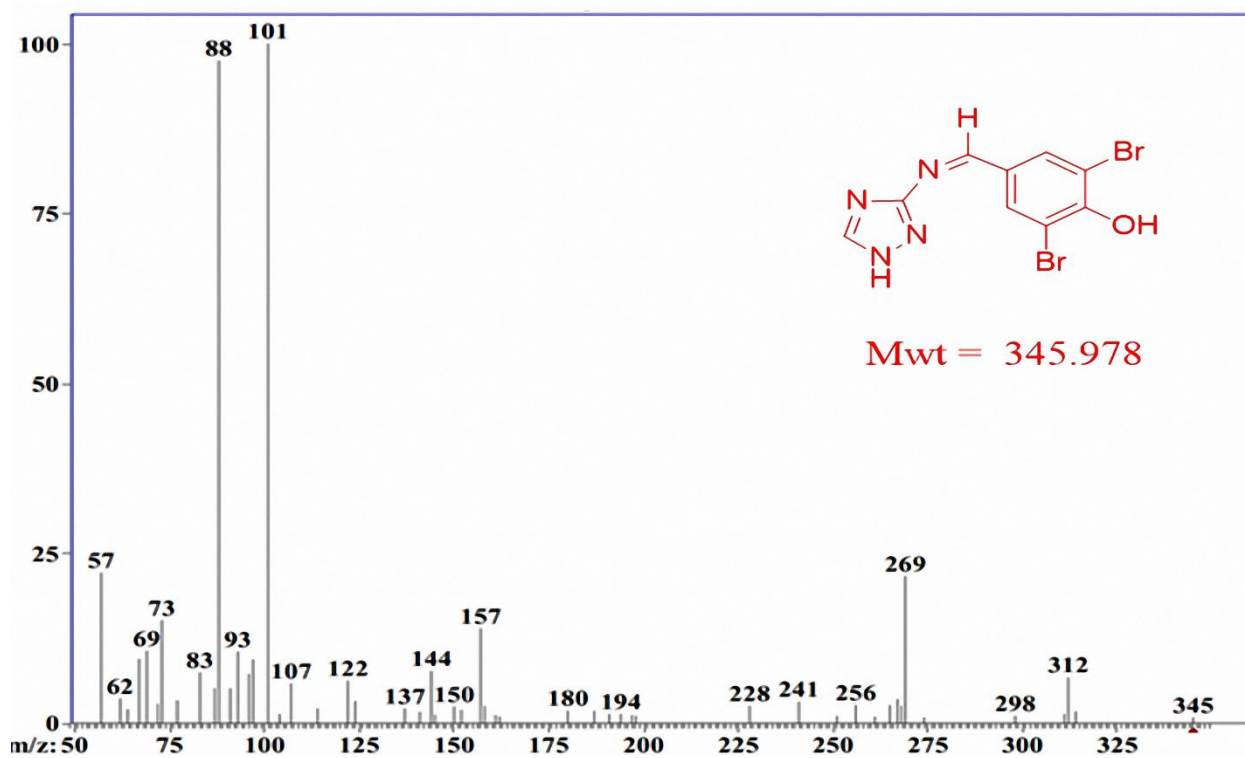


Figure S11. Mass spectrum for Schiff base (S3).

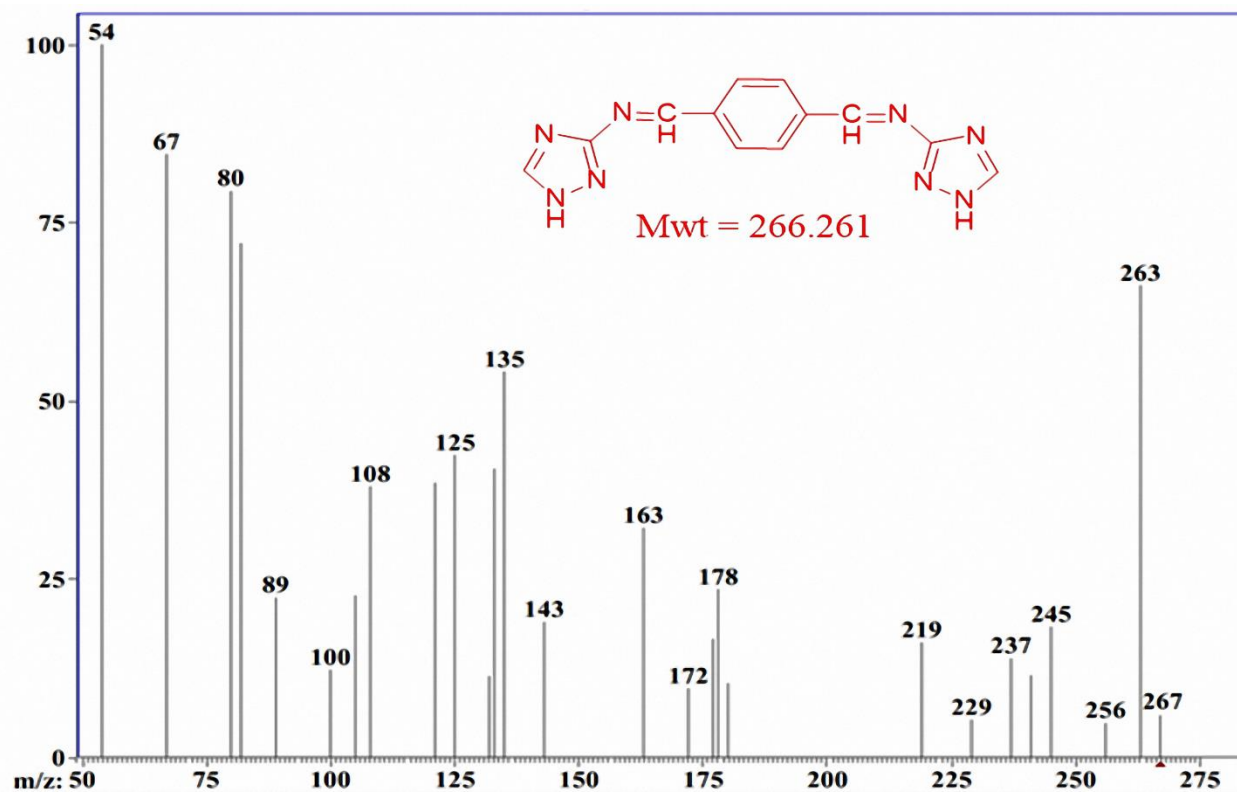


Figure S12. Mass spectrum for Schiff base (S4).

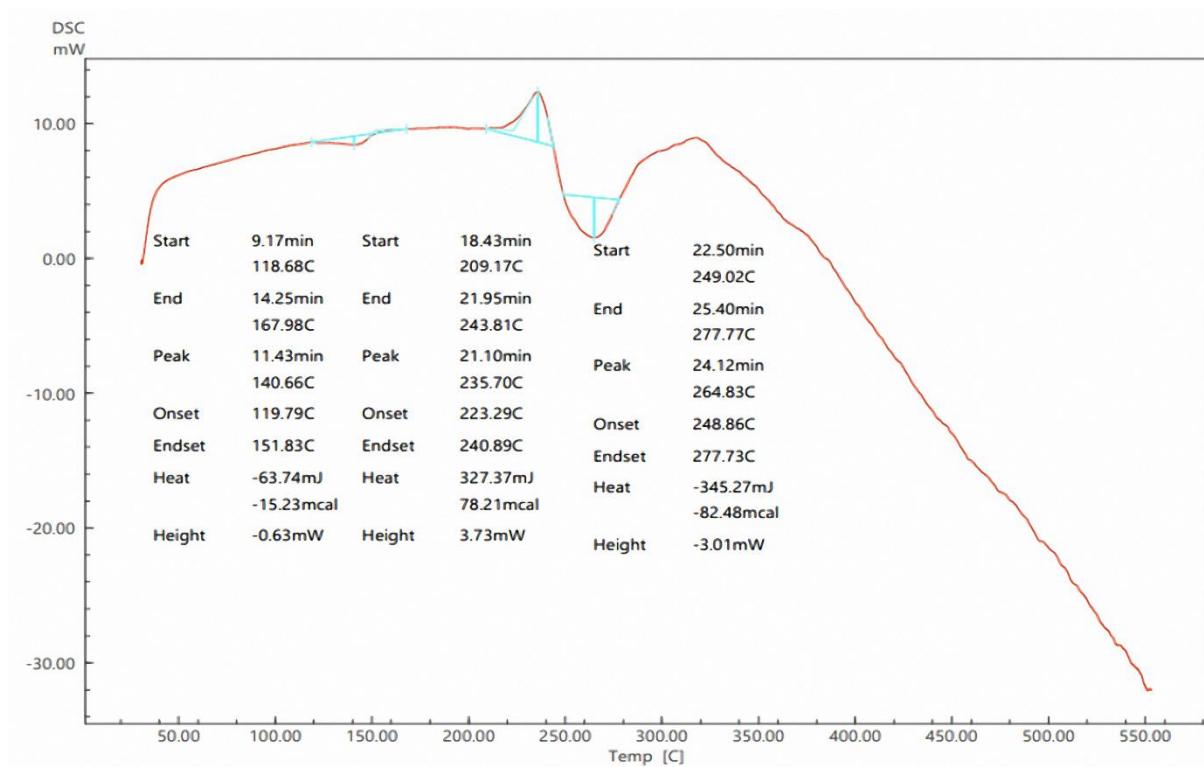


Figure S13. DSC spectrum for Schiff base (S1).

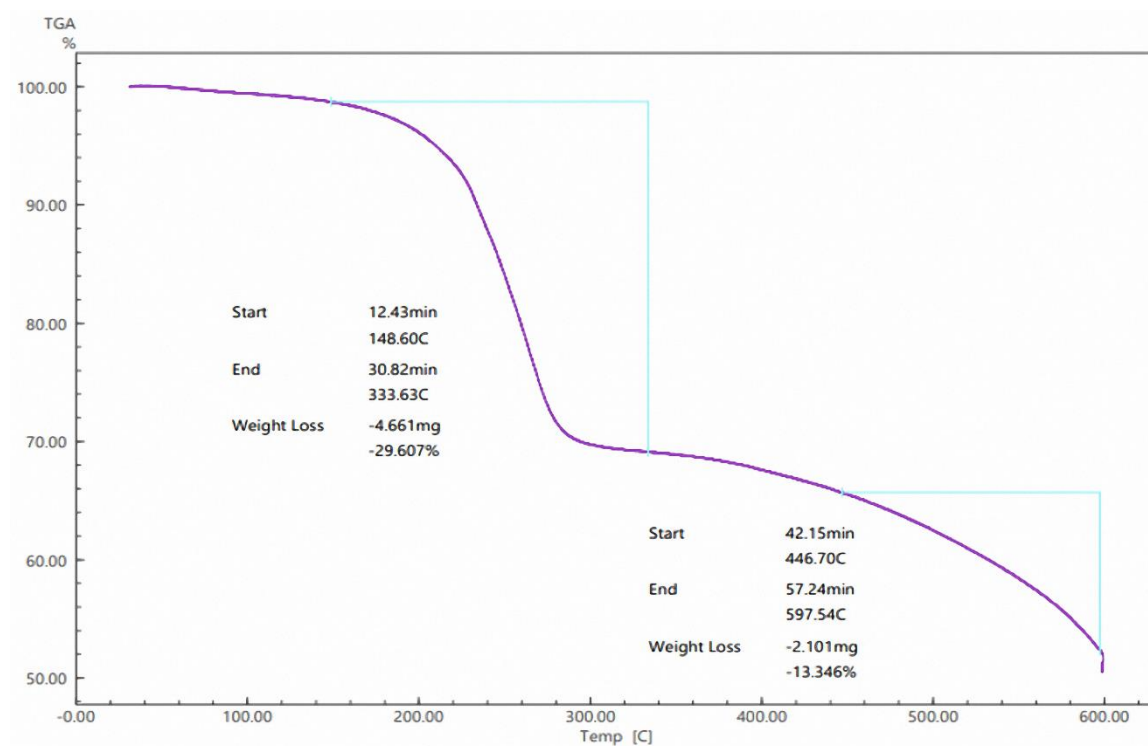


Figure S14. TGA spectrum for Schiff base (S1).

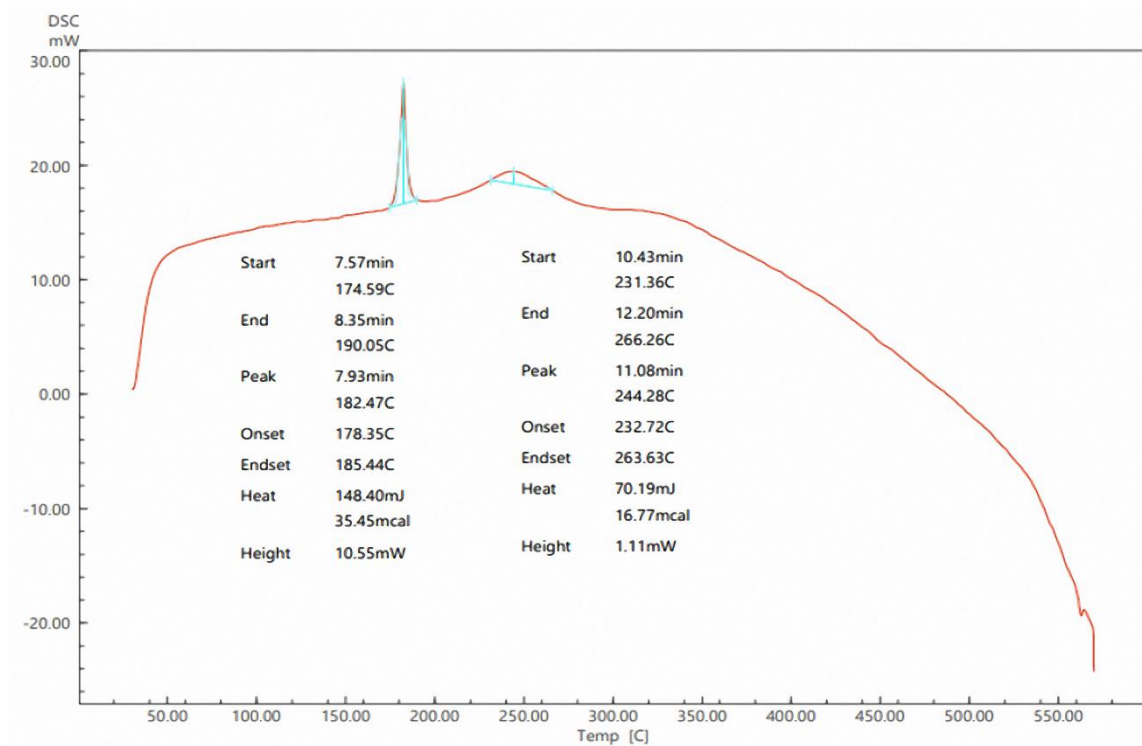


Figure S15. DSC spectrum for Schiff base (S2).

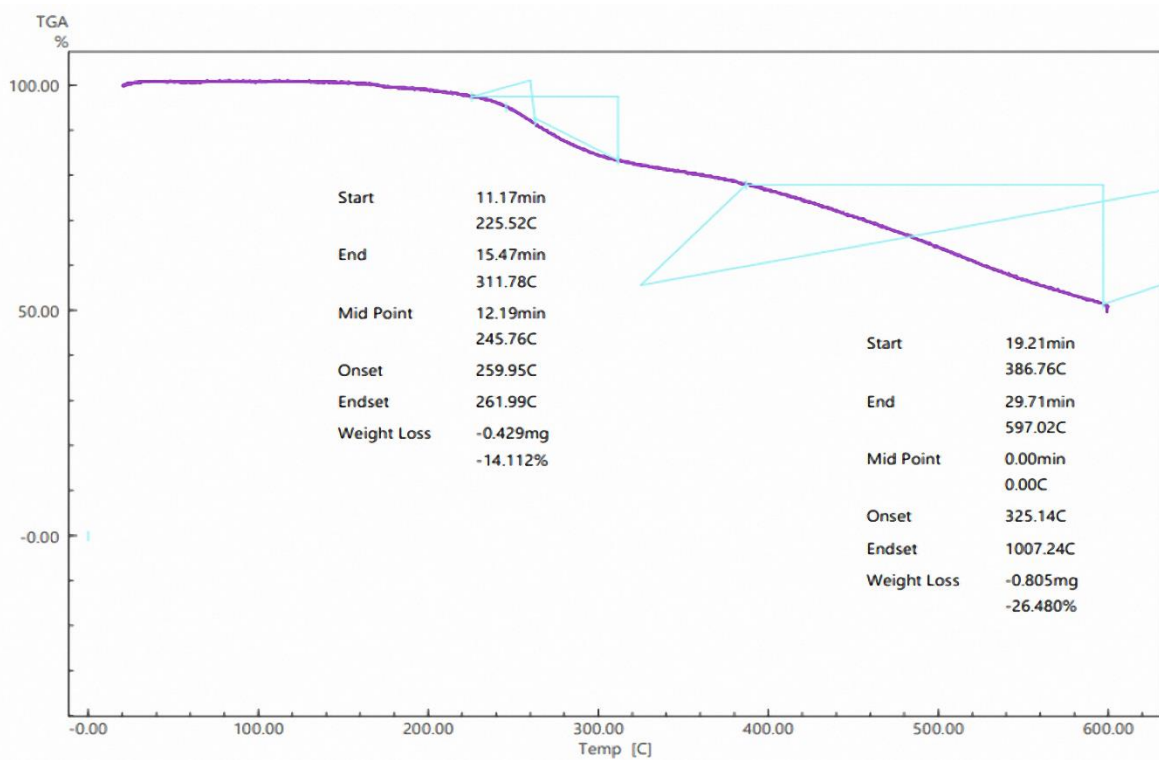


Figure S16. TGA spectrum for Schiff base (S2).

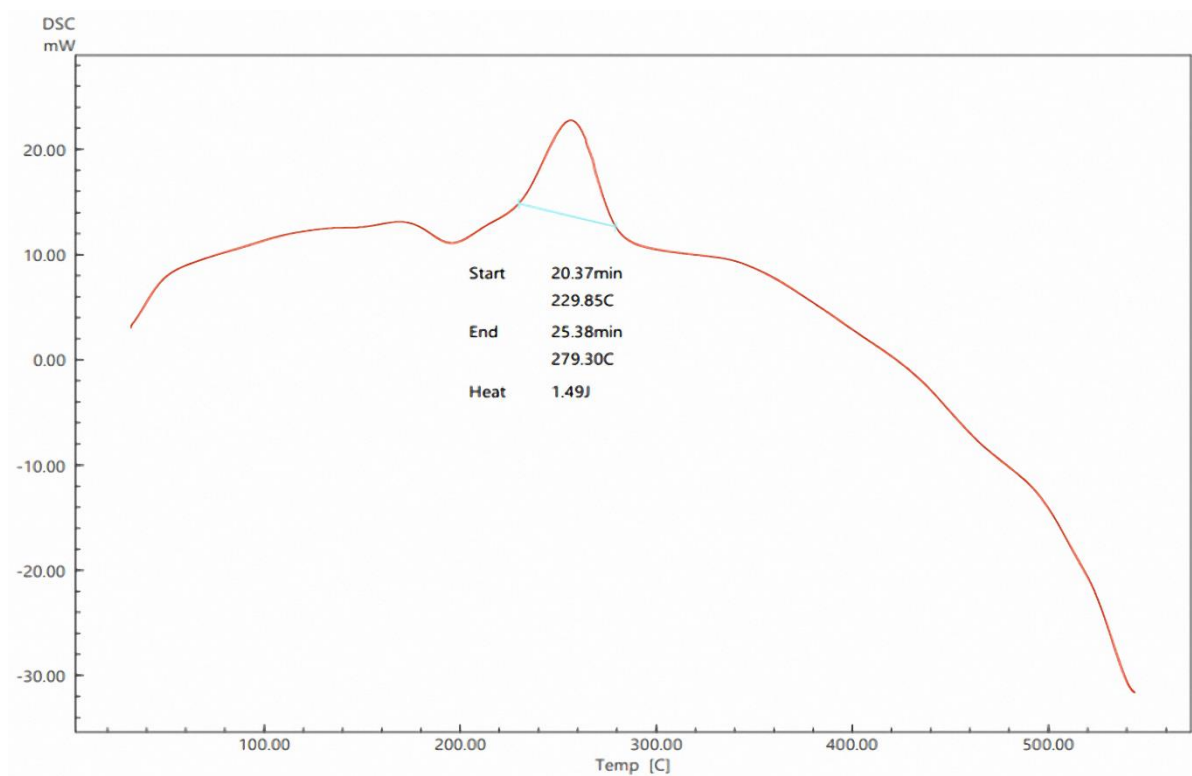


Figure S17. DSC spectrum for Schiff base (S3).

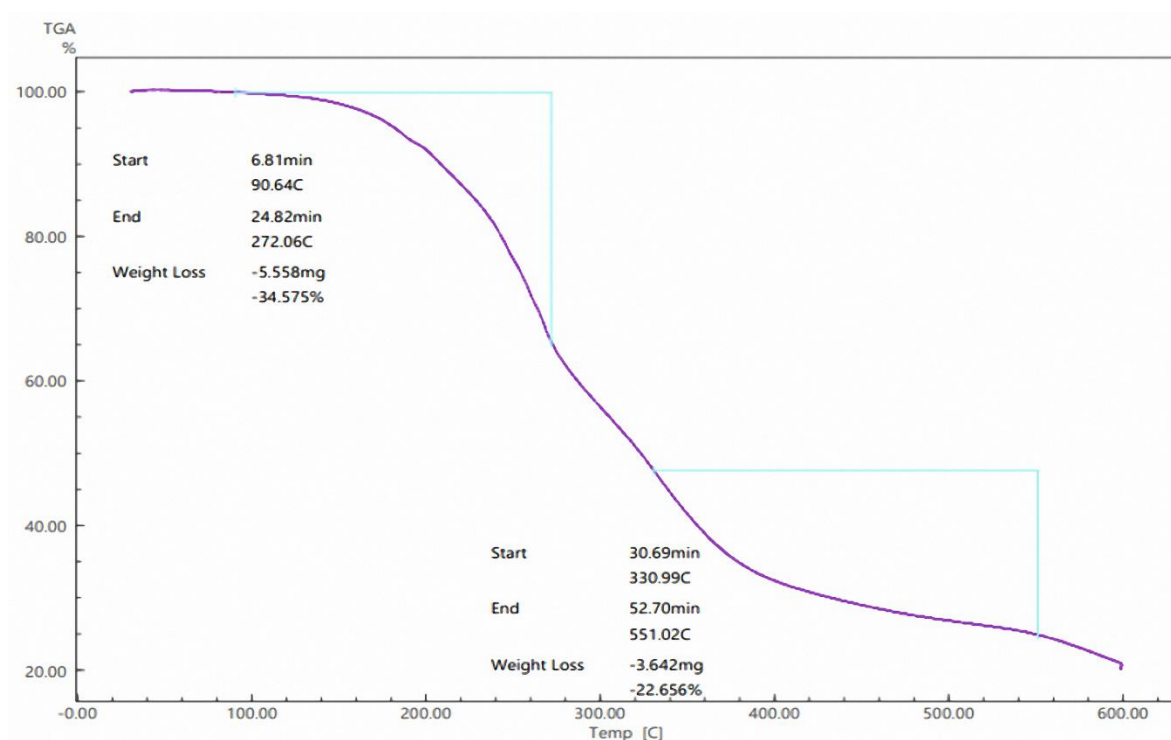


Figure S18. TGA spectrum for Schiff base (S3).

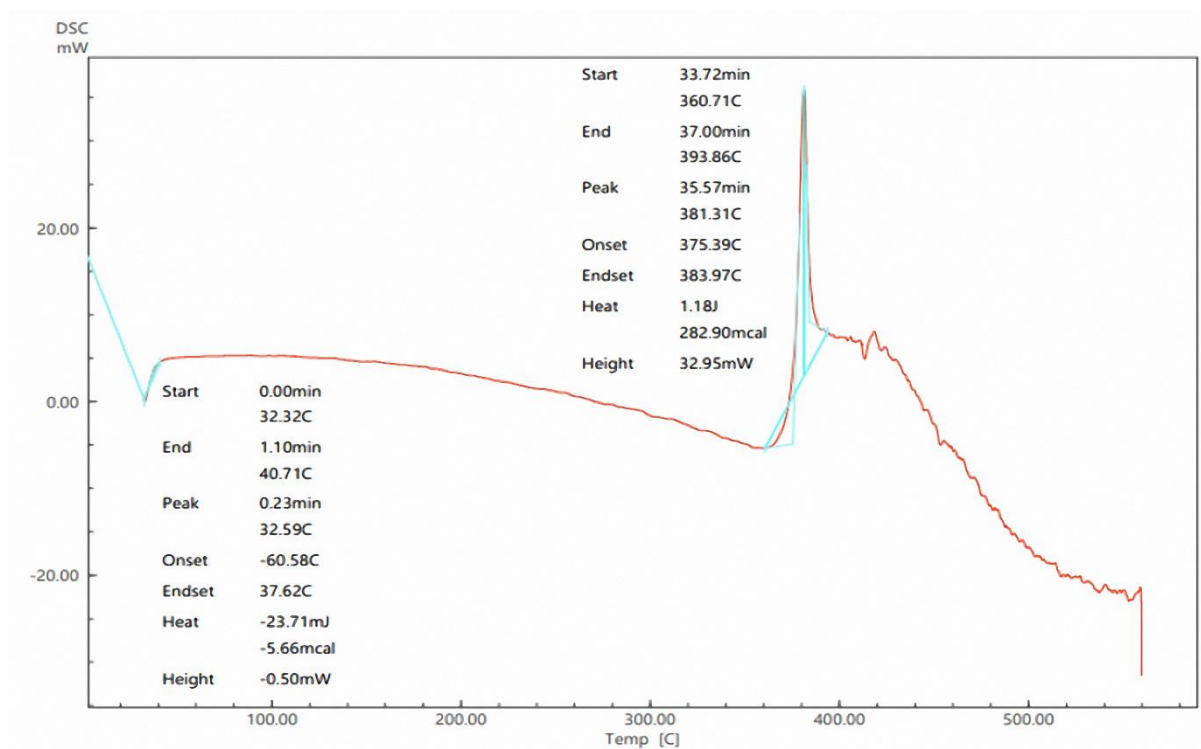


Figure S19. DSC spectrum for Schiff base (S4).

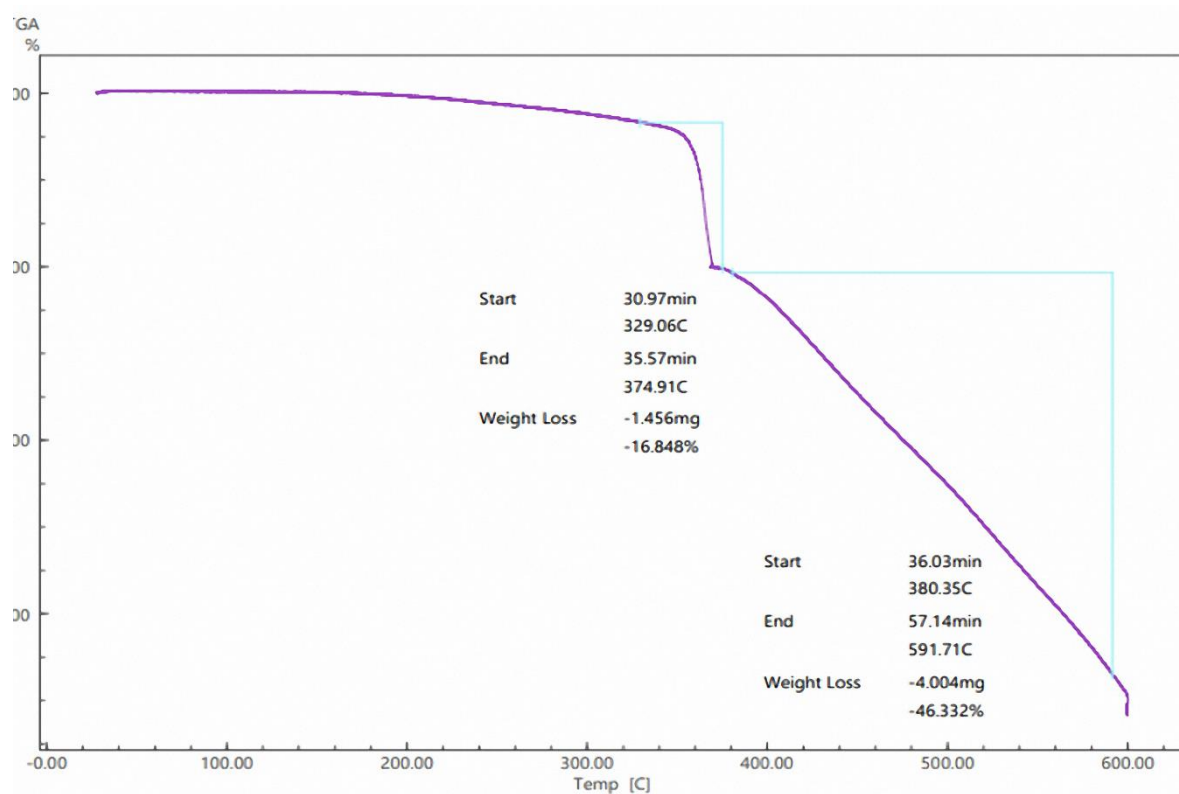


Figure S20. TGA spectrum for Schiff base (S4).