

INFLUENCE OF AROMATIC SUBSTITUENTS ON THE SYNTHESIS OF SCHIFF BASES DERIVED FROM TRANS-(R,R)-DIAMINOCYCLOHEXANE: A SPECTROPHOTOMETRIC AND DFT B3LYP STUDY

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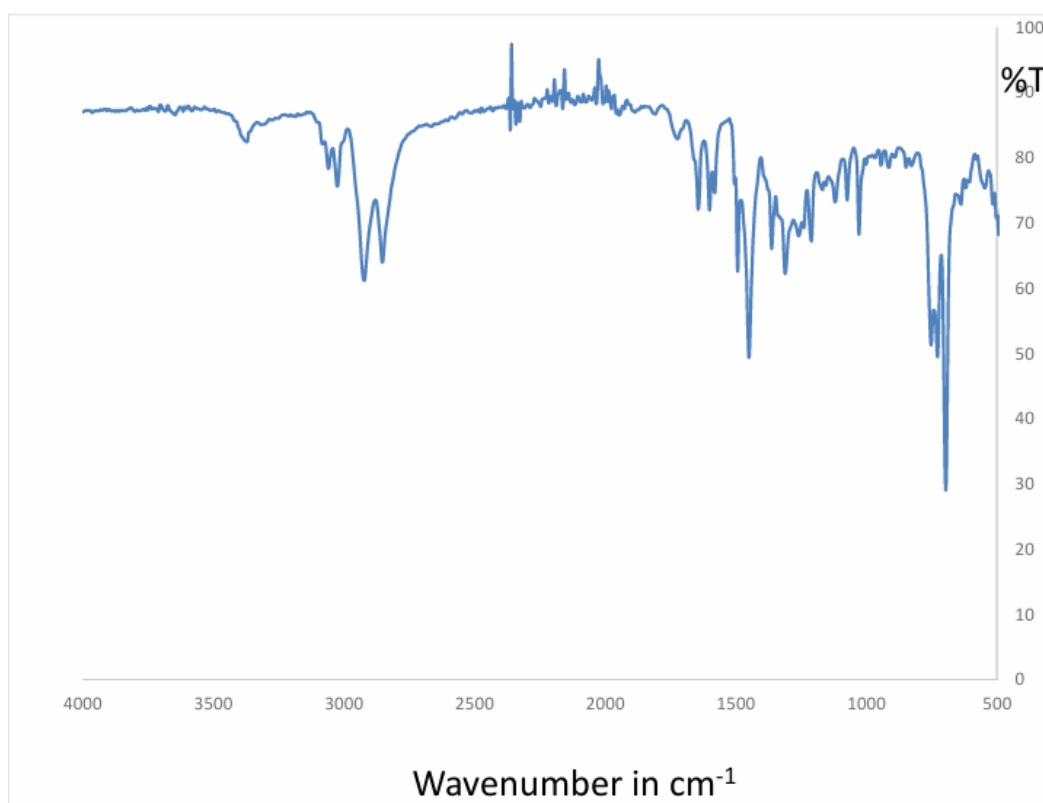


Figure S1. ATR-FT-IR spectrum of compounds 1.

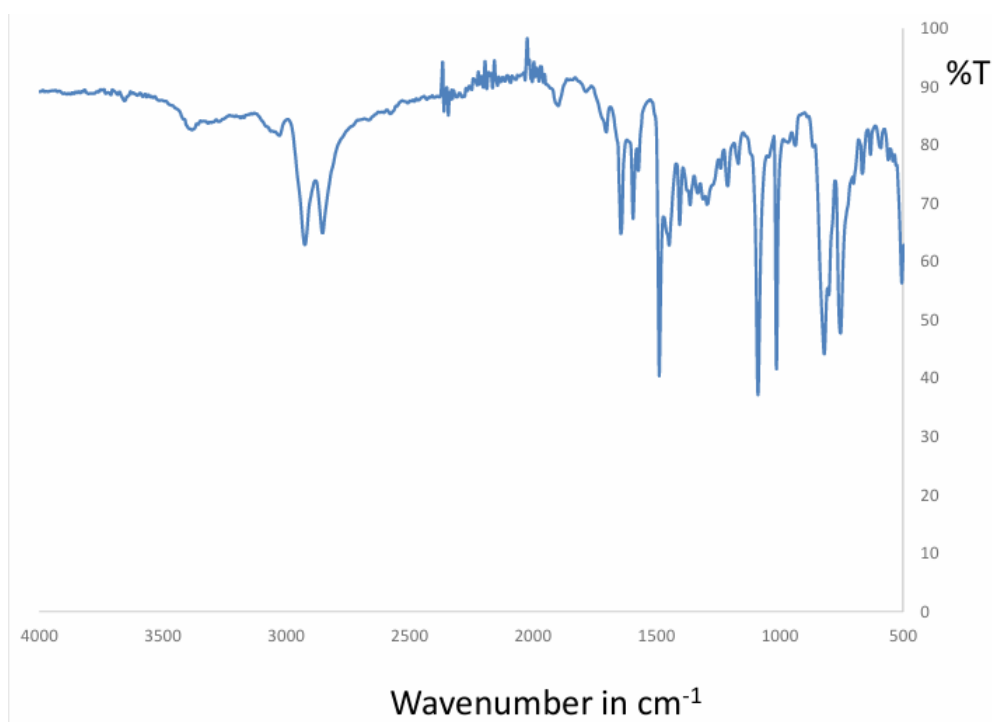


Figure S2. ATR-FT-IR spectrum of compounds 2.

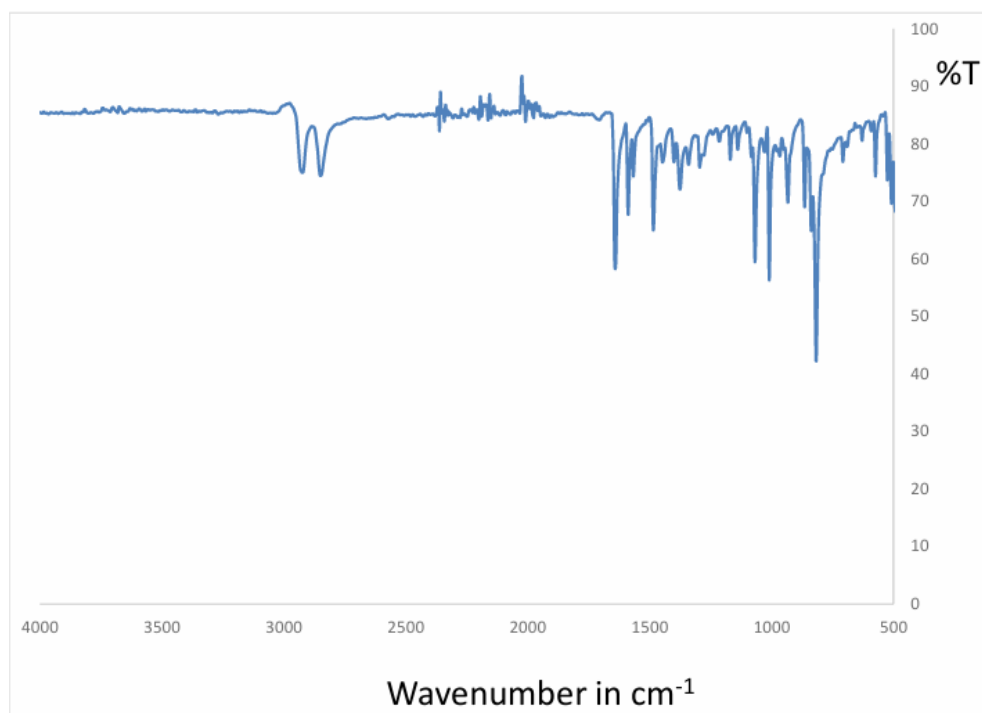


Figure S3. ATR-FT-IR spectrum of compounds 3.

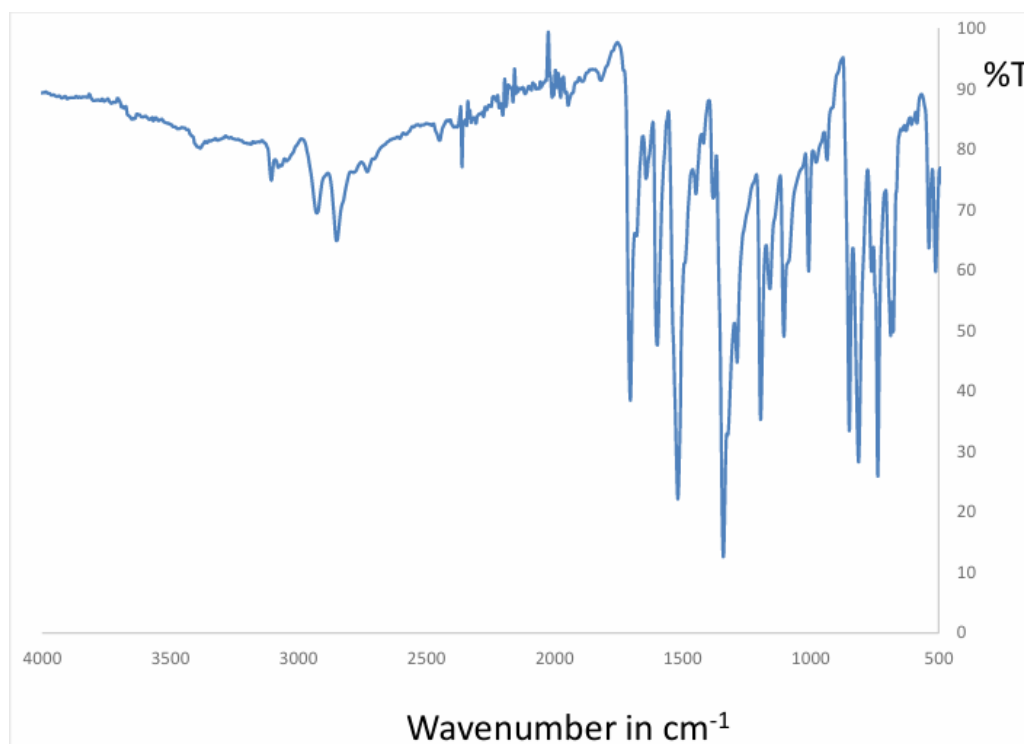


Figure S4. ATR-FT-IR spectrum of compounds 4.

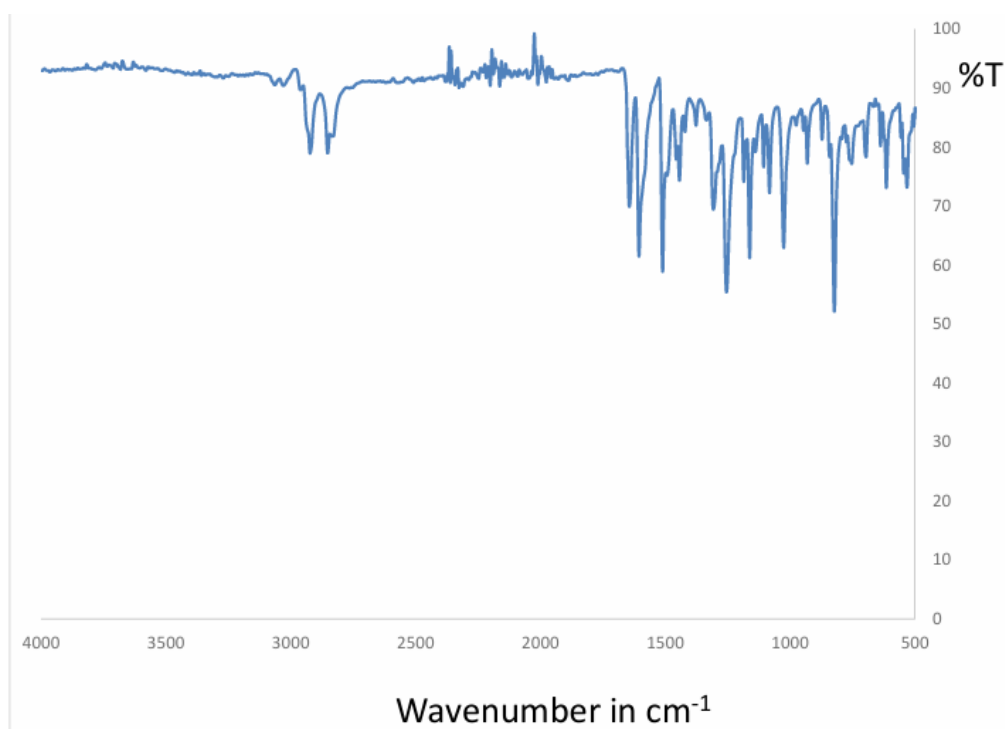


Figure S5. ATR-FT-IR spectrum of compounds 5.

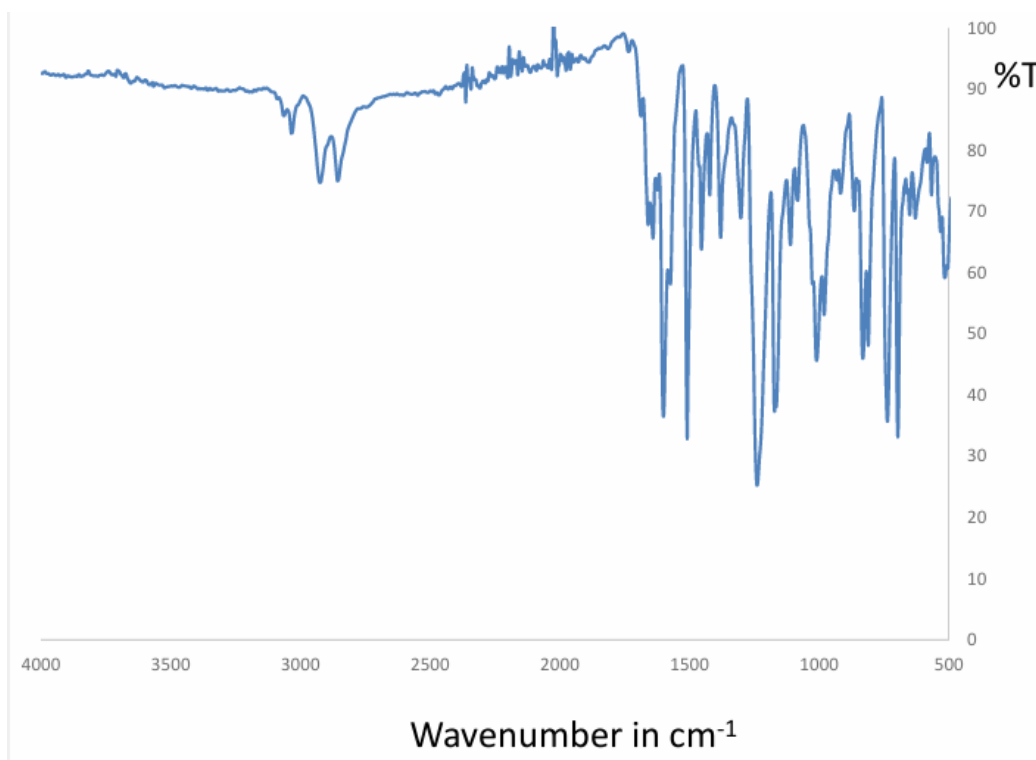


Figure S6. ATR-FT-IR spectrum of compounds 6.

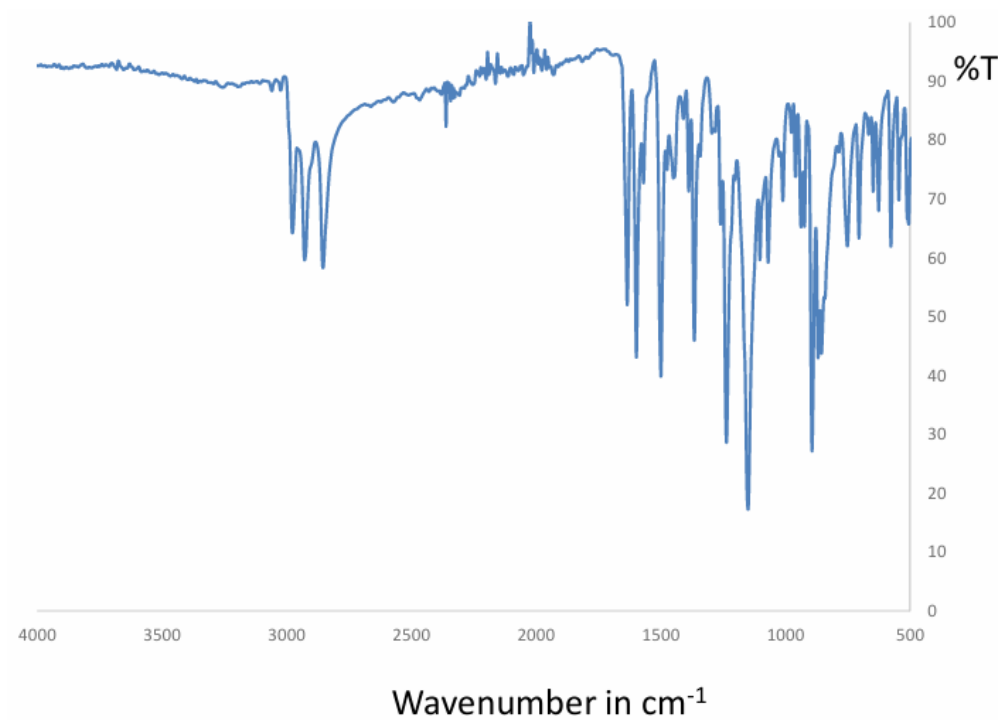


Figure S7. ATR-FT-IR spectrum of compounds 7.

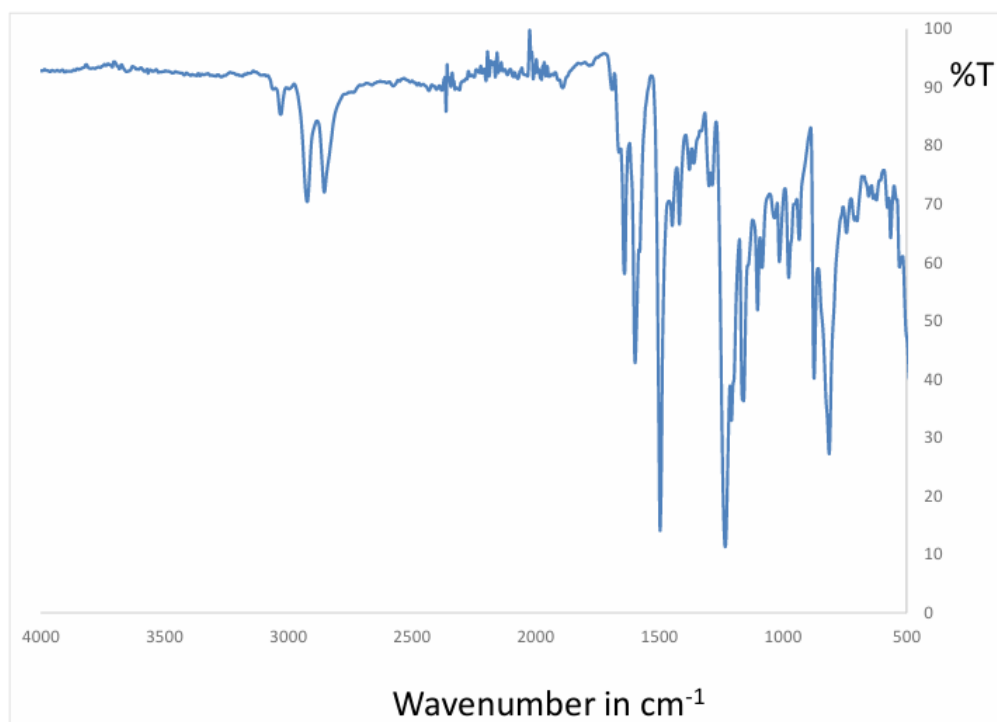


Figure S8. ATR-FT-IR spectrum of compounds 8.

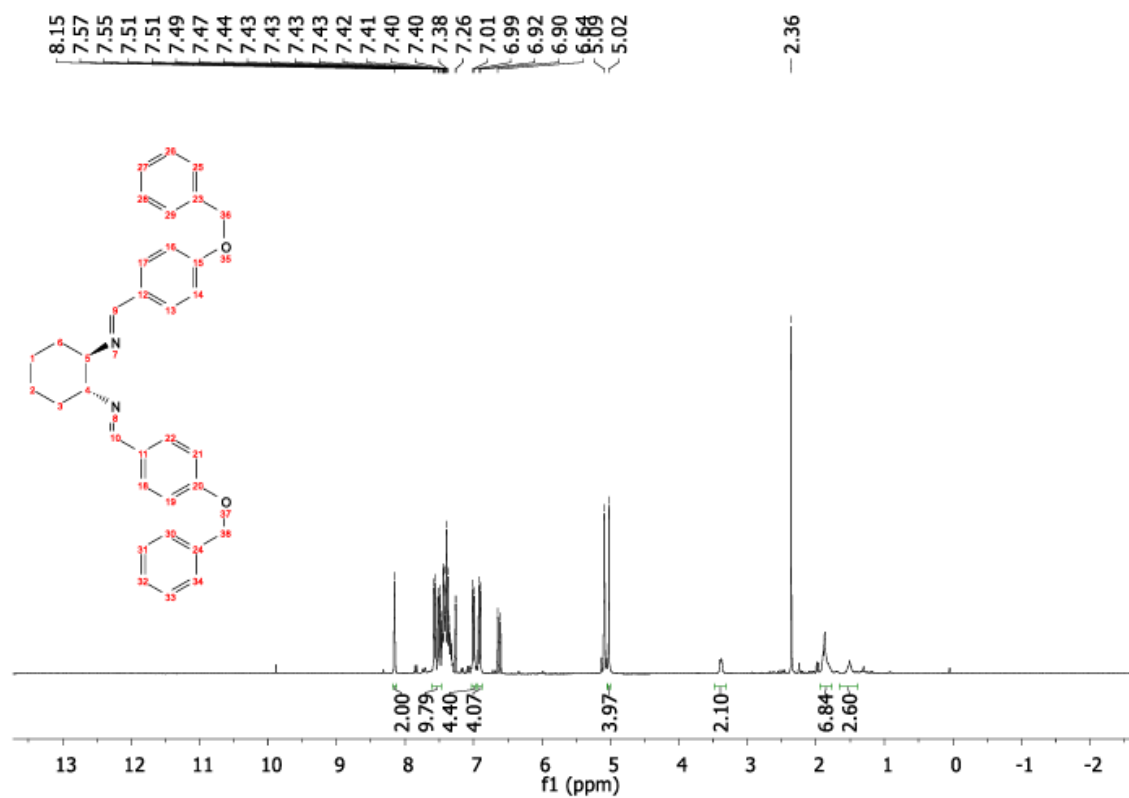


Figure S9. ¹H NMR spectrum of compound 6.

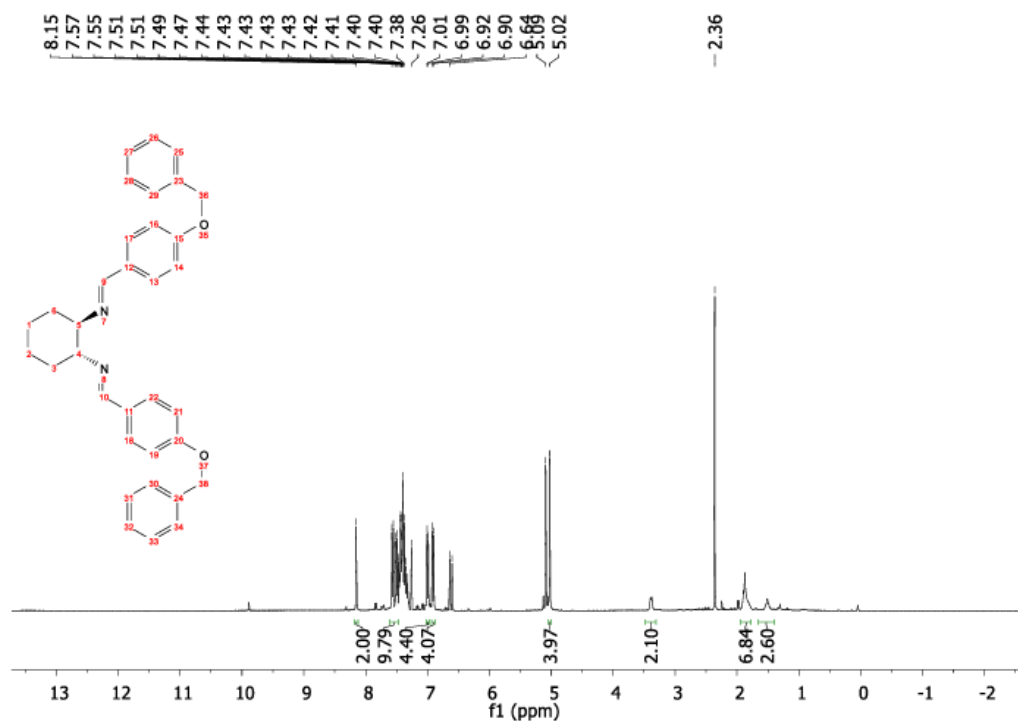


Figure S10. ¹³C NMR spectrum of compound 6.

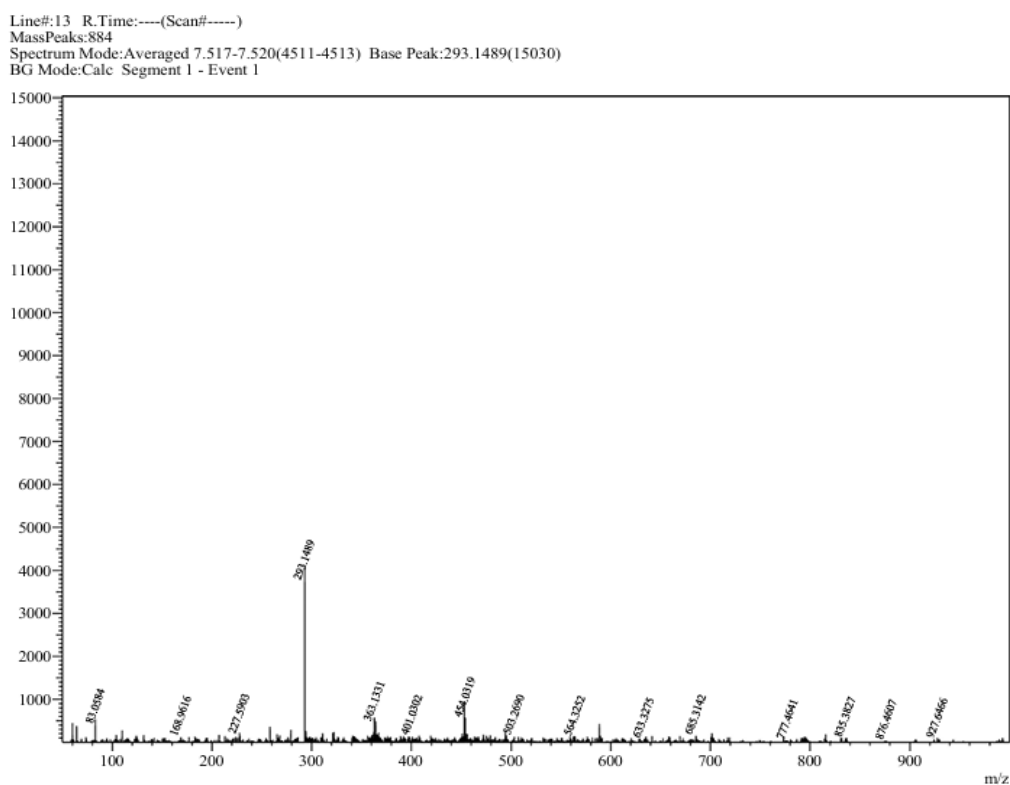


Figure S11. HRMS spectrum of compound 6.

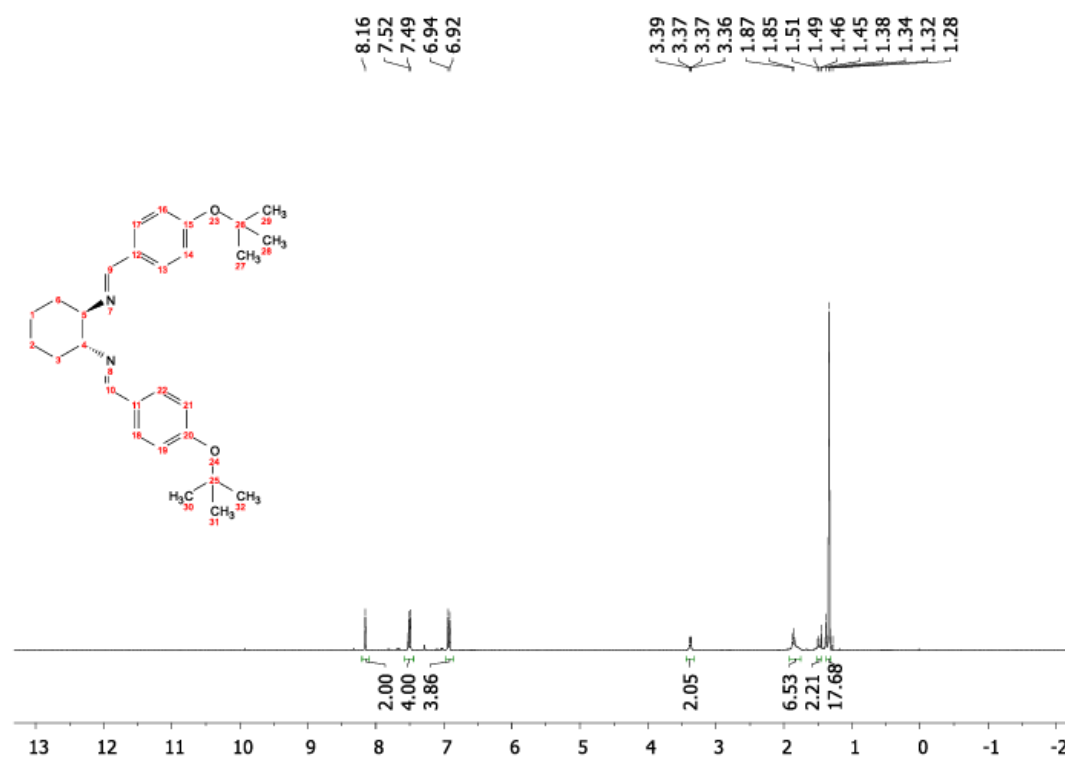


Figure S12. ¹H NMR spectrum of compound 7.

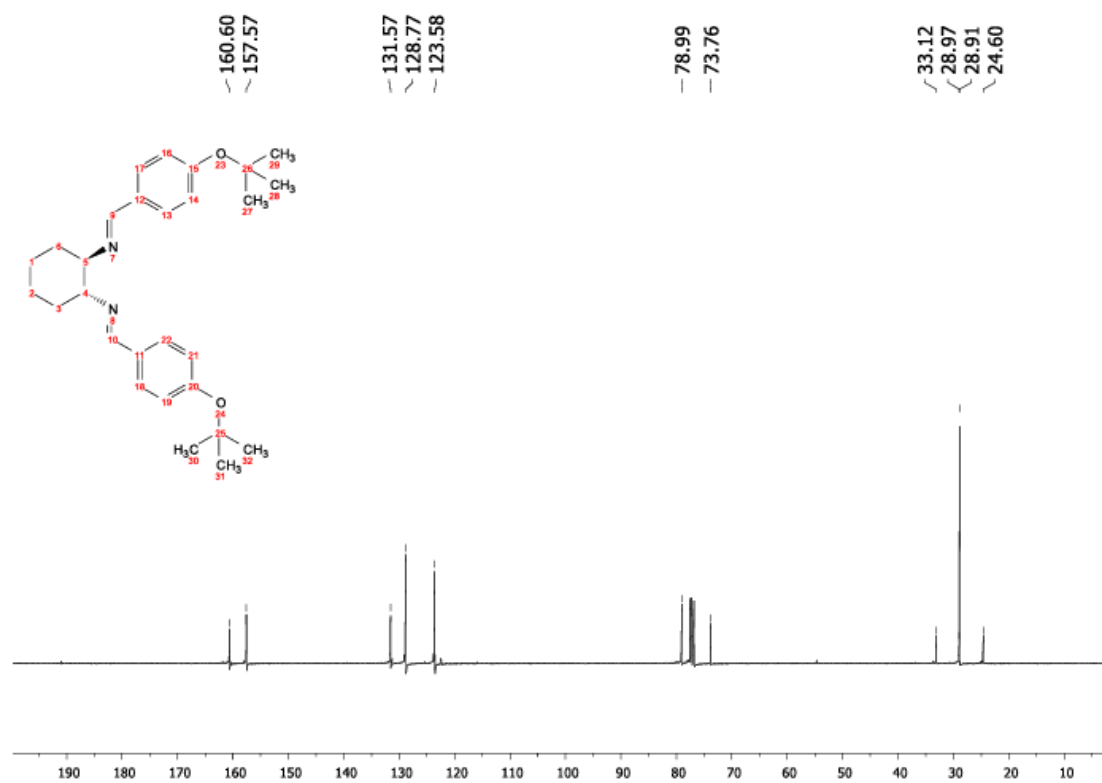


Figure S13. ¹³C NMR spectrum of compound 7.

Line#:96 R.Time:----(Scan#-----)
 MassPeaks:1691
 Spectrum Mode:Averaged 5.818-5.822(3492-3494) Base Peak:321.1911(799176)
 BG Mode:Calc Segment 1 - Event 1

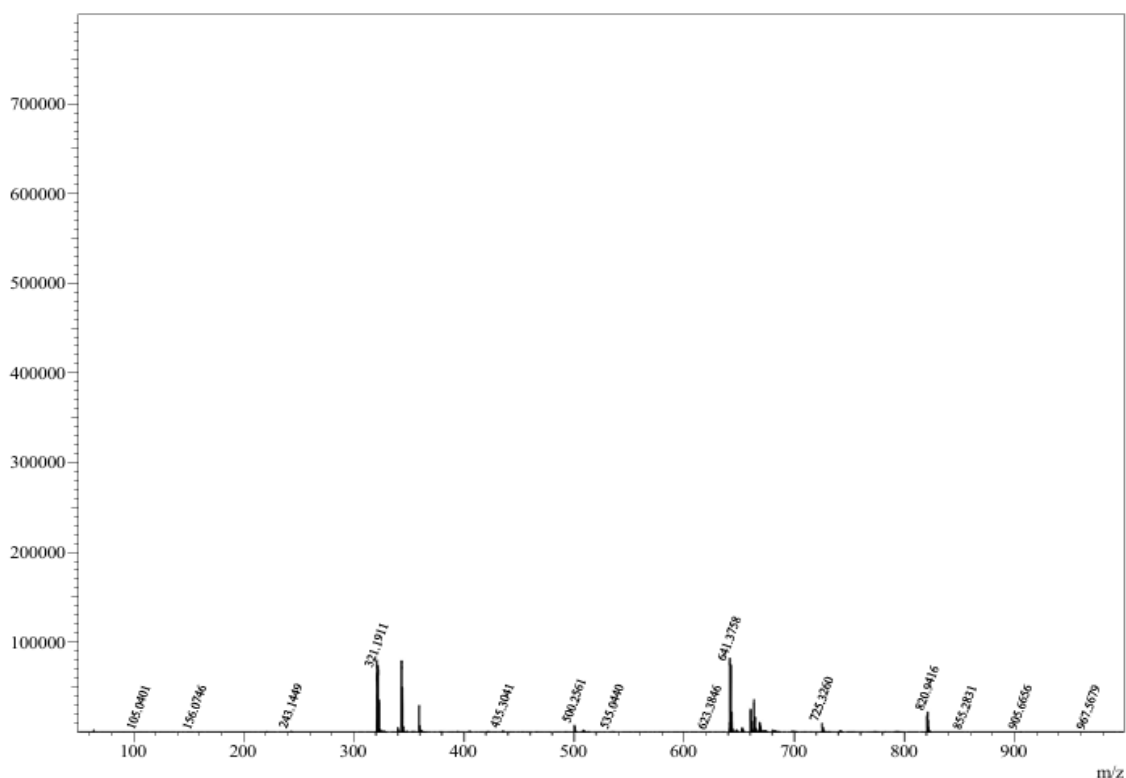


Figure S14. HRMS spectrum of compound 7.

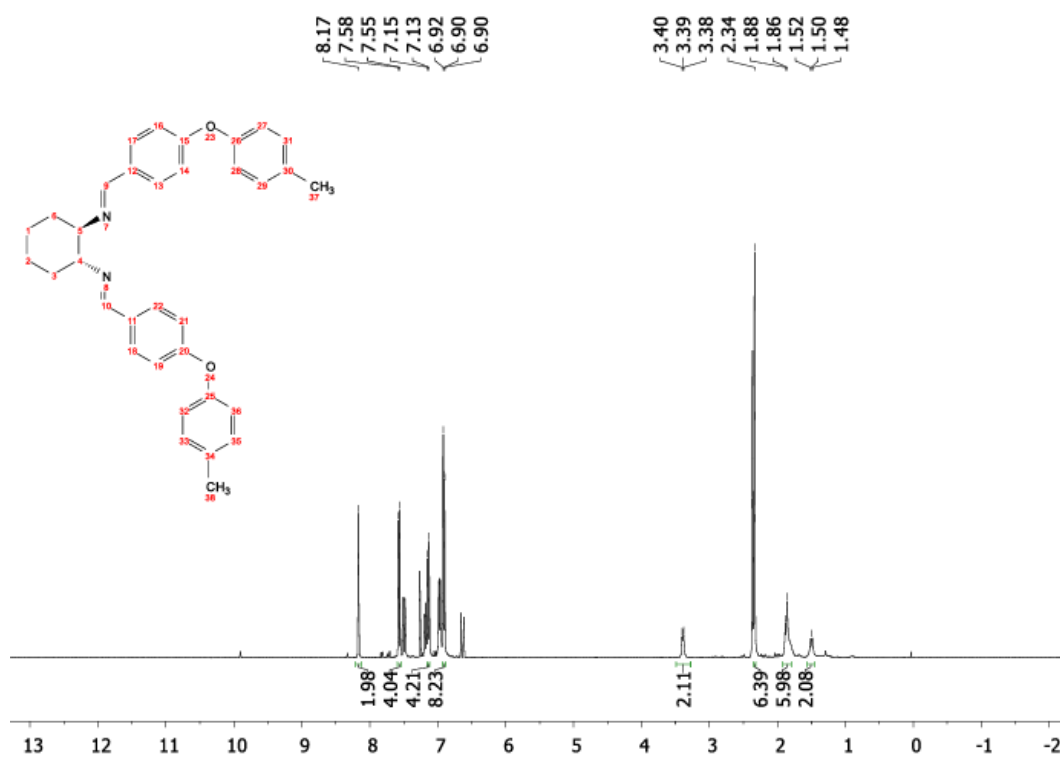


Figure S15. ¹H NMR spectrum of compound 8.

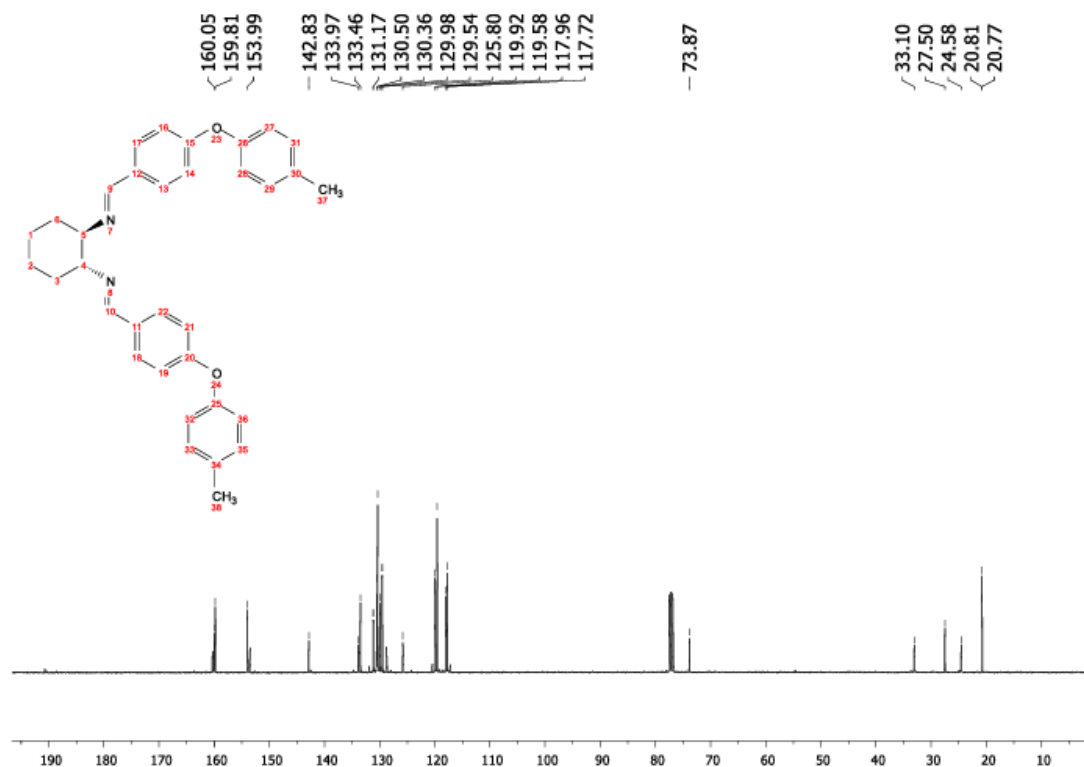


Figure S16. ^{13}C NMR spectrum of compound 8.

Line#:28 R.Time:----(Scan#----)
 MassPeaks:2486
 Spectrum Mode:Averaged 2.668-2.672(1602-1604) Base Peak:619.1007(462198)
 BG Mode:Calc Segment 1 - Event 1

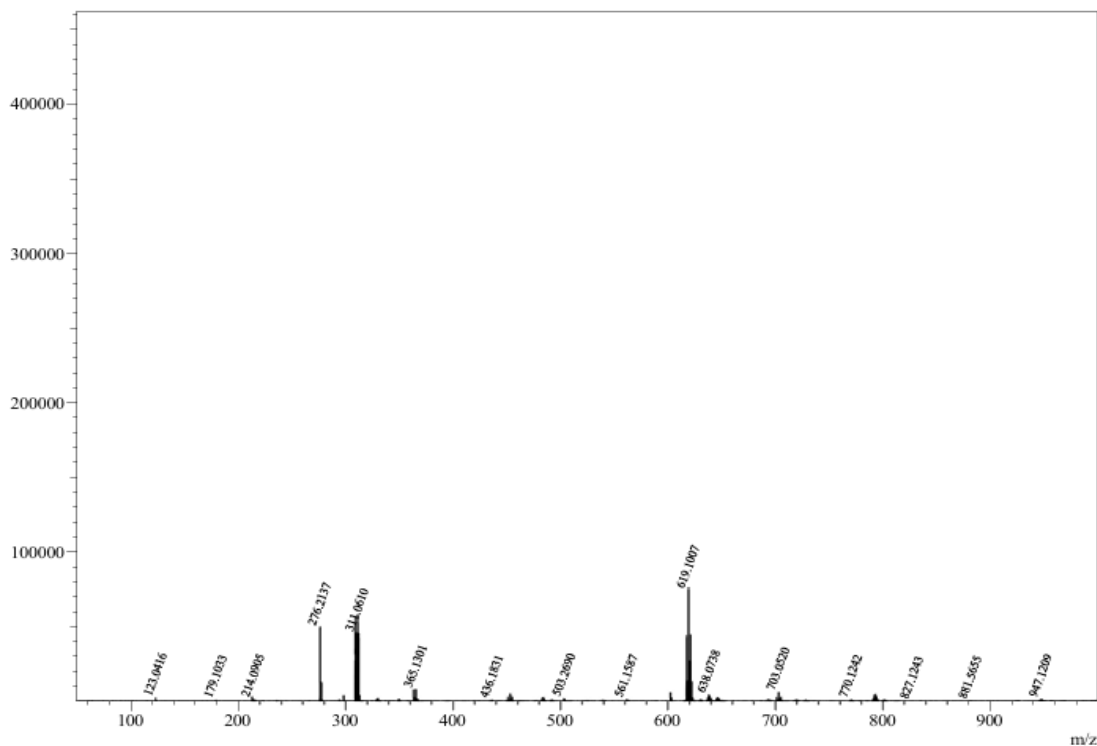


Figure S17. HRMS spectrum of compound 8.