Electronic Supplementary Material (ESI) for RSC Advances.

Insights into a novel class of azobenzene incorporated 4,6-*O*-protected sugar as photo-responsive organogelators

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Figure S1. HRMS spectrum of compound 4

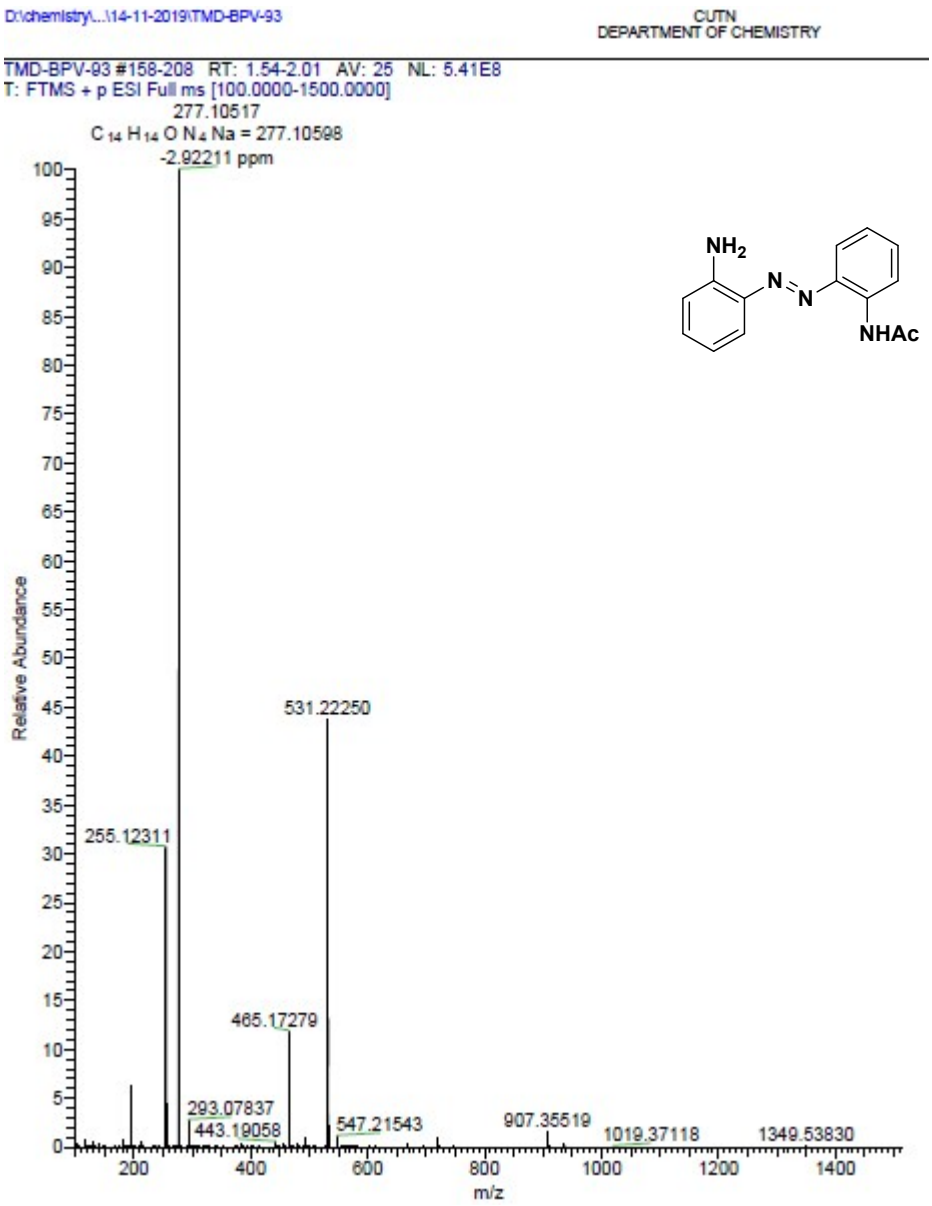

Figure S2. HRMS spectrum of compound, 5

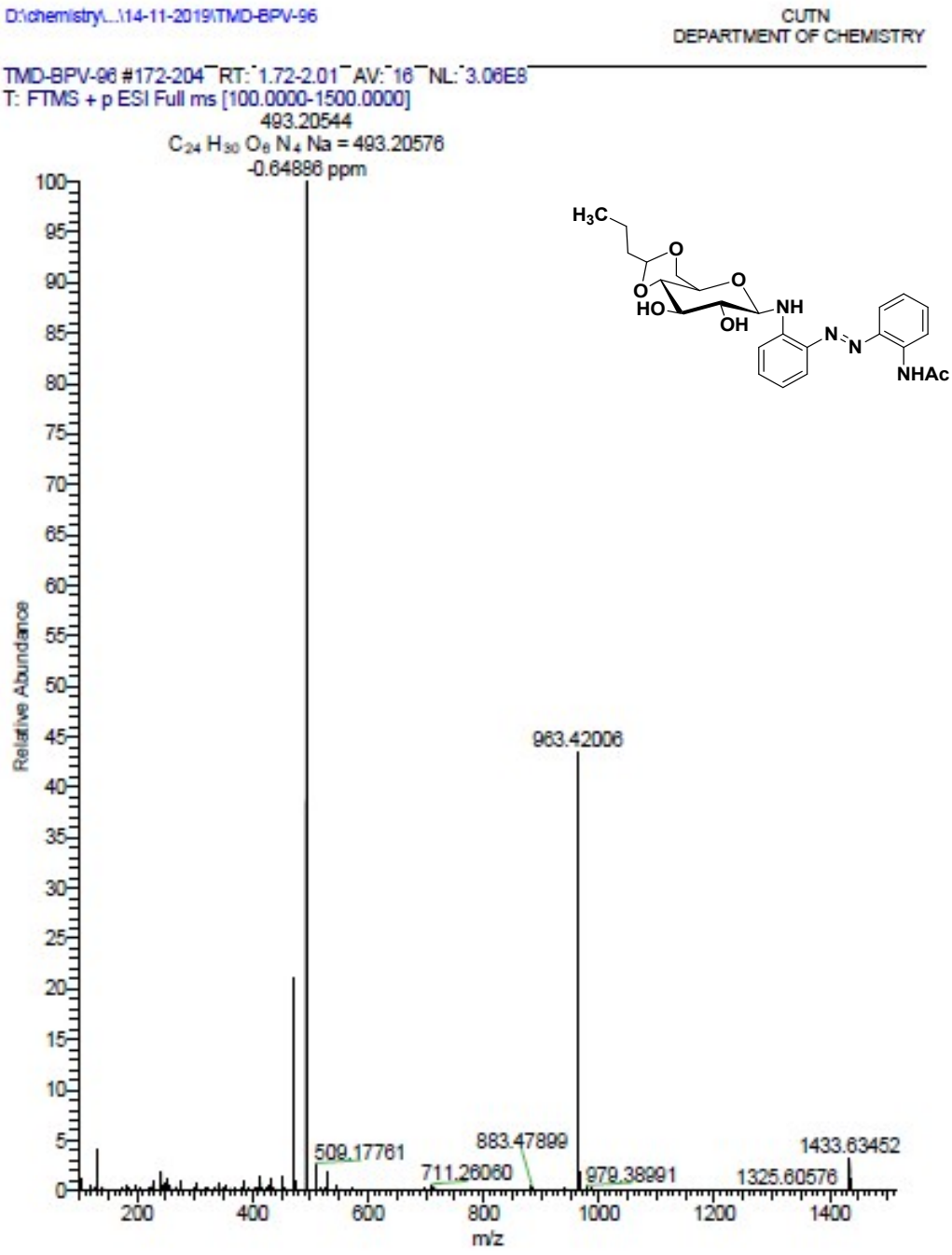

Figure S3. HRMS spectrum of compound, 6

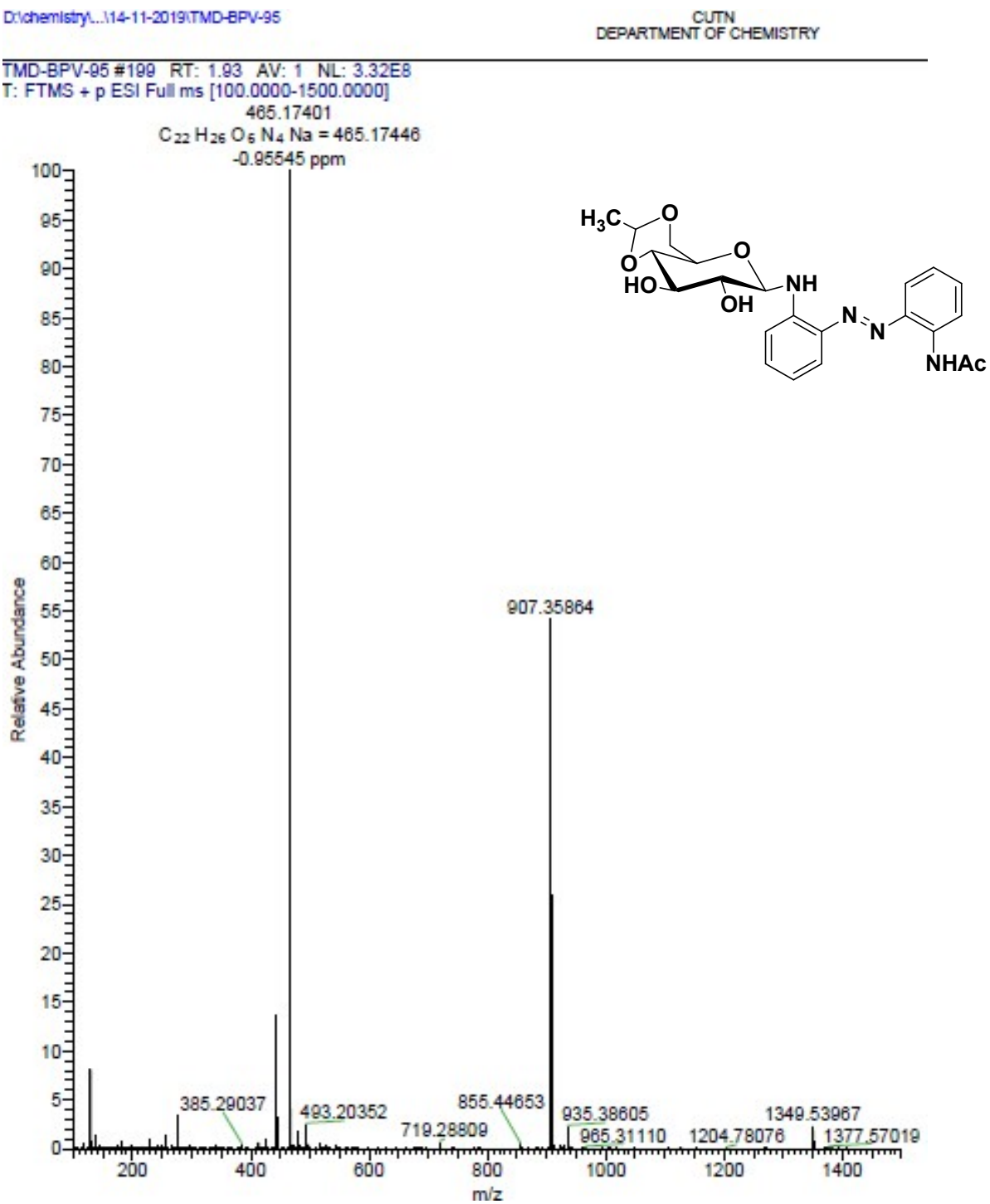

Figure S4. HRMS spectrum of compound 8

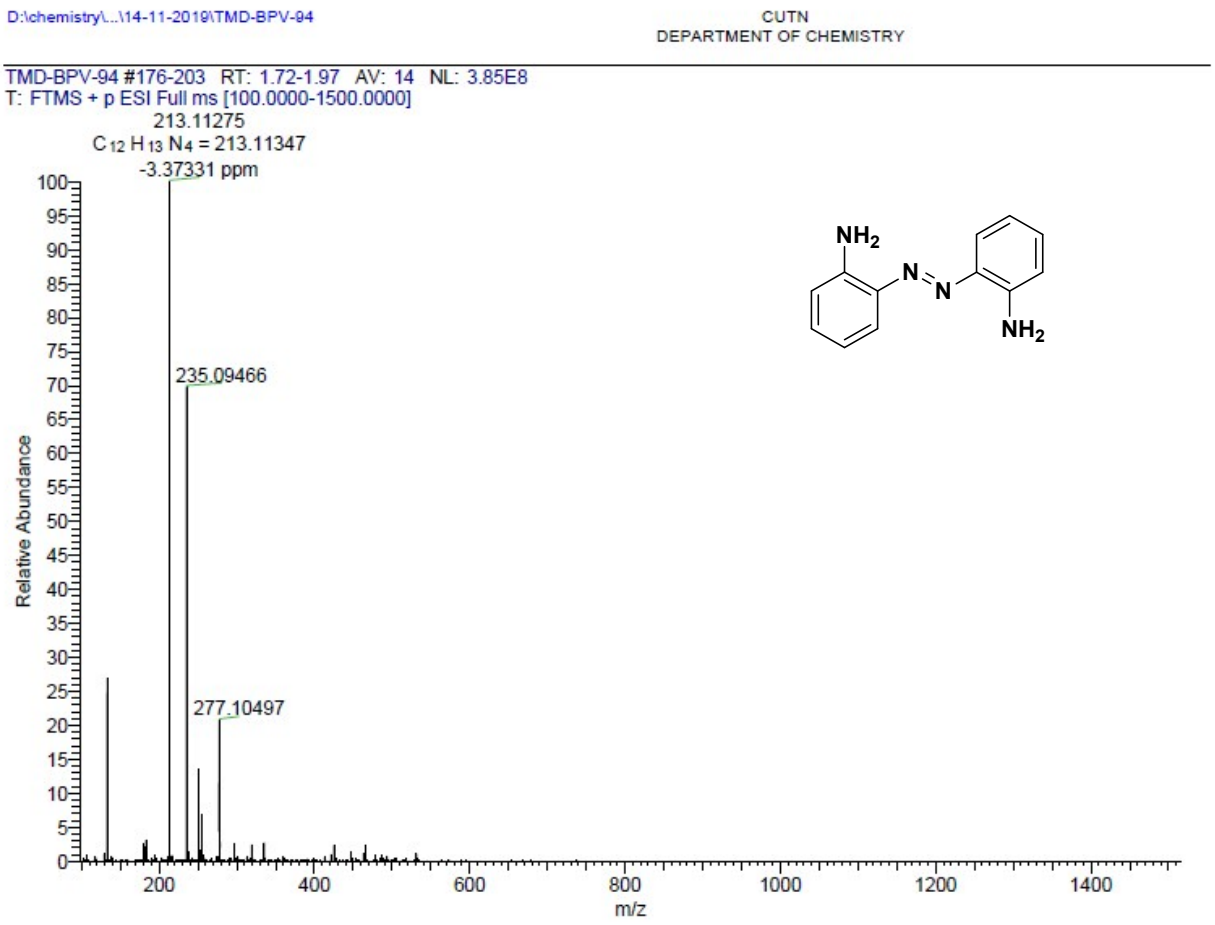

Figure S5. HRMS spectrum of compound,9

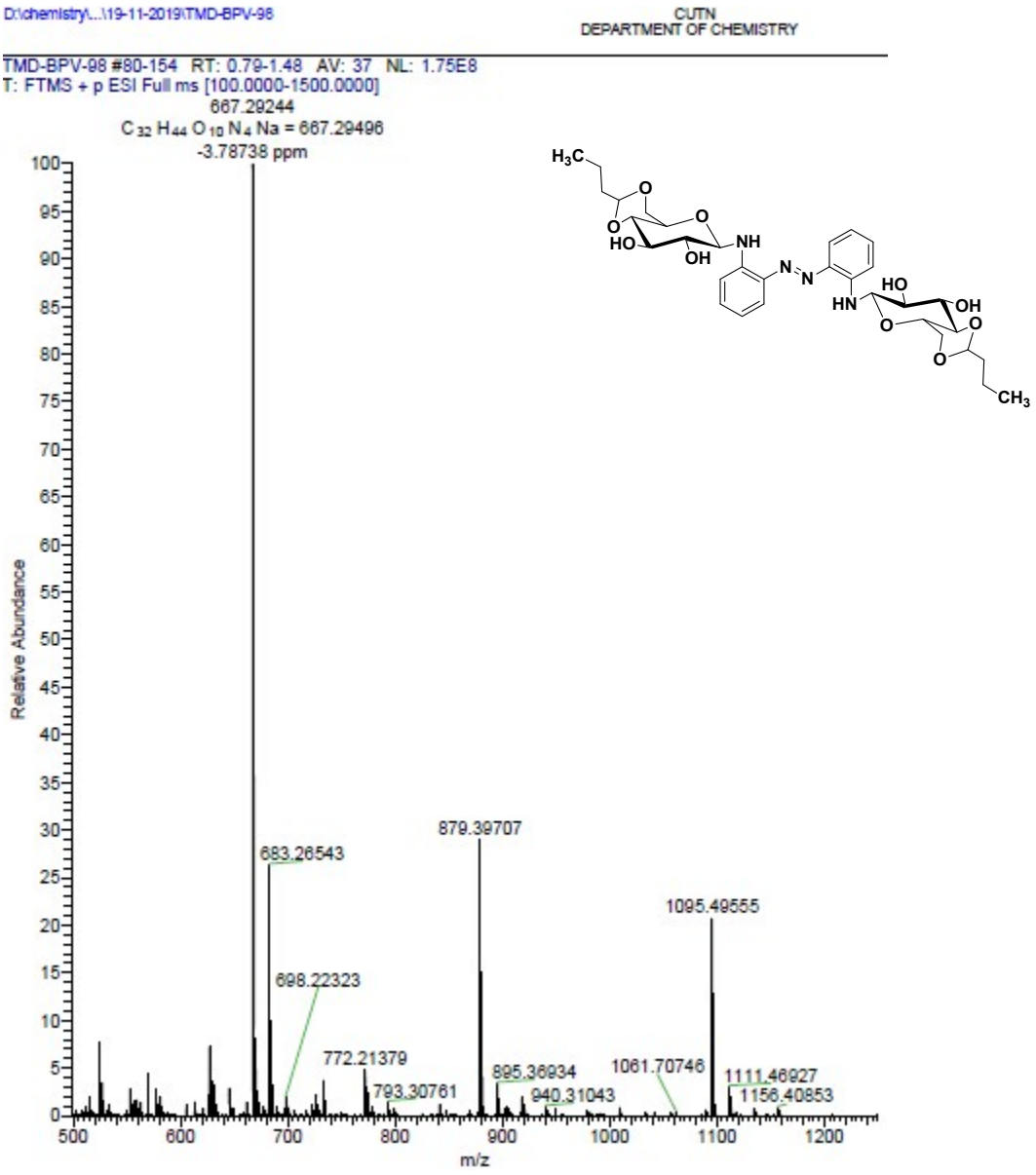

Figure S6. HRMS spectrum of compound,10

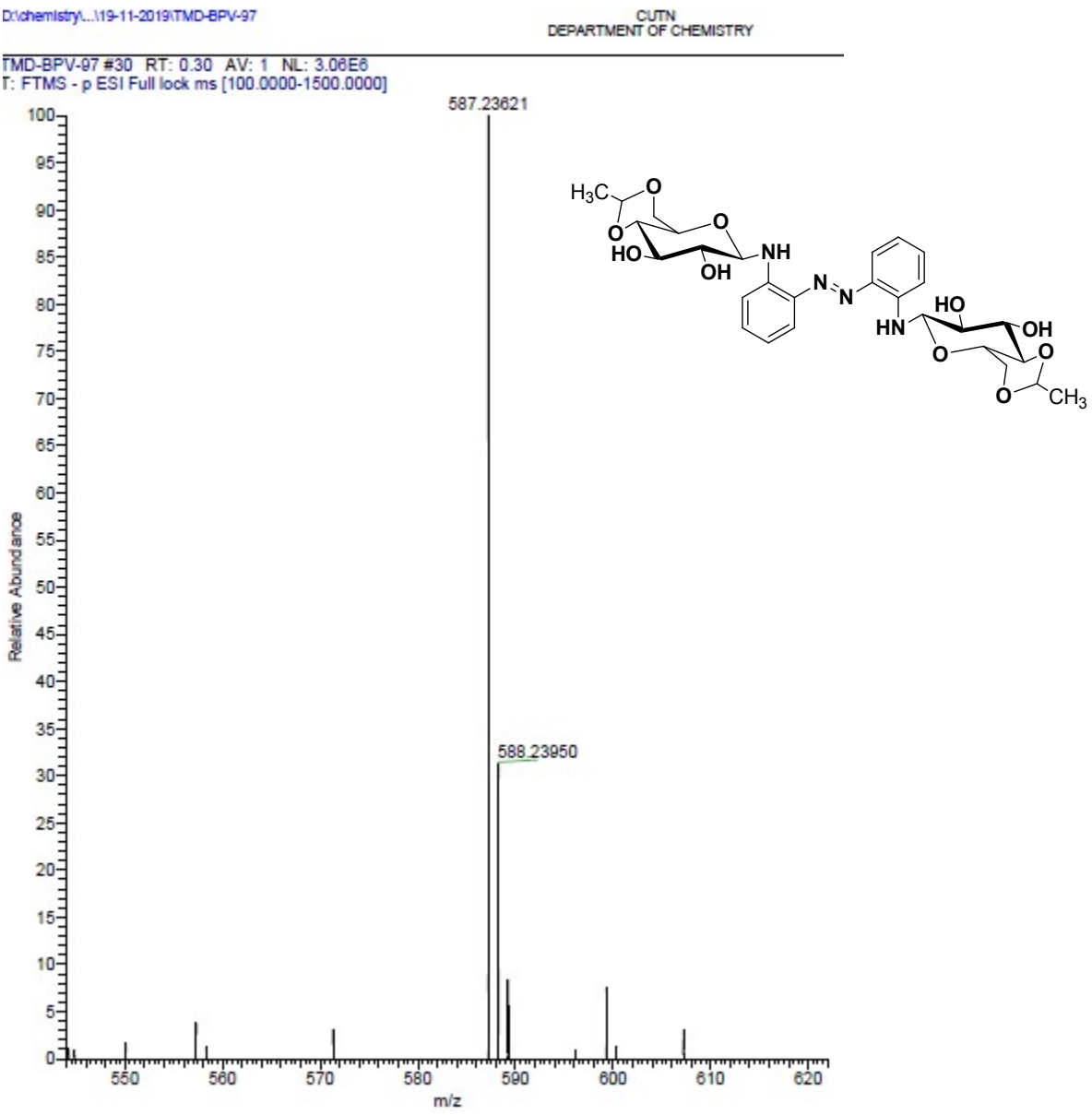

Figure S7. HRMS spectrum of compound, 12

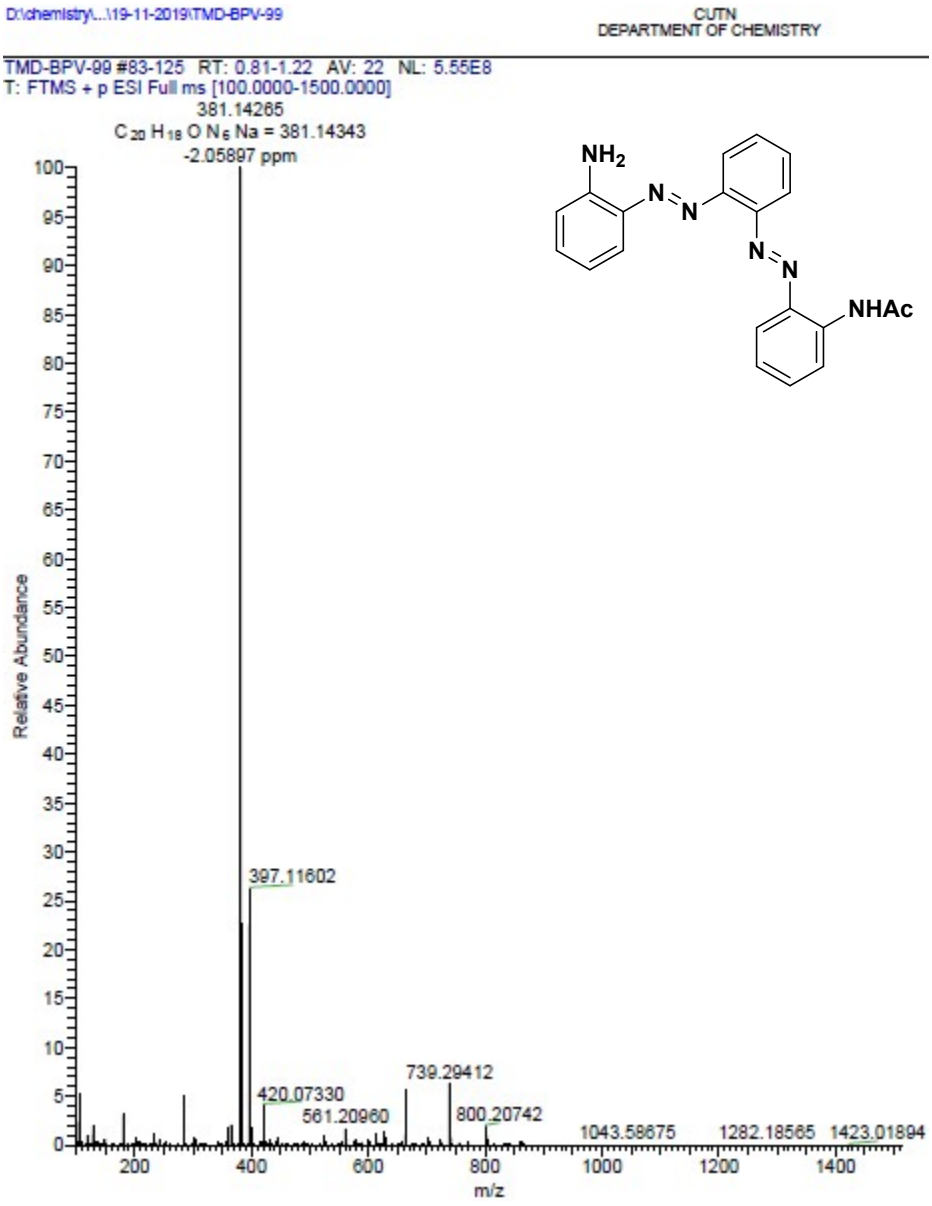

Figure S8. ^{1}H NMR Spectrum of compound, 5 ($CDCl_3$ (0.6mL)+DMSO-d_6 (0.1mL), 300MHz)

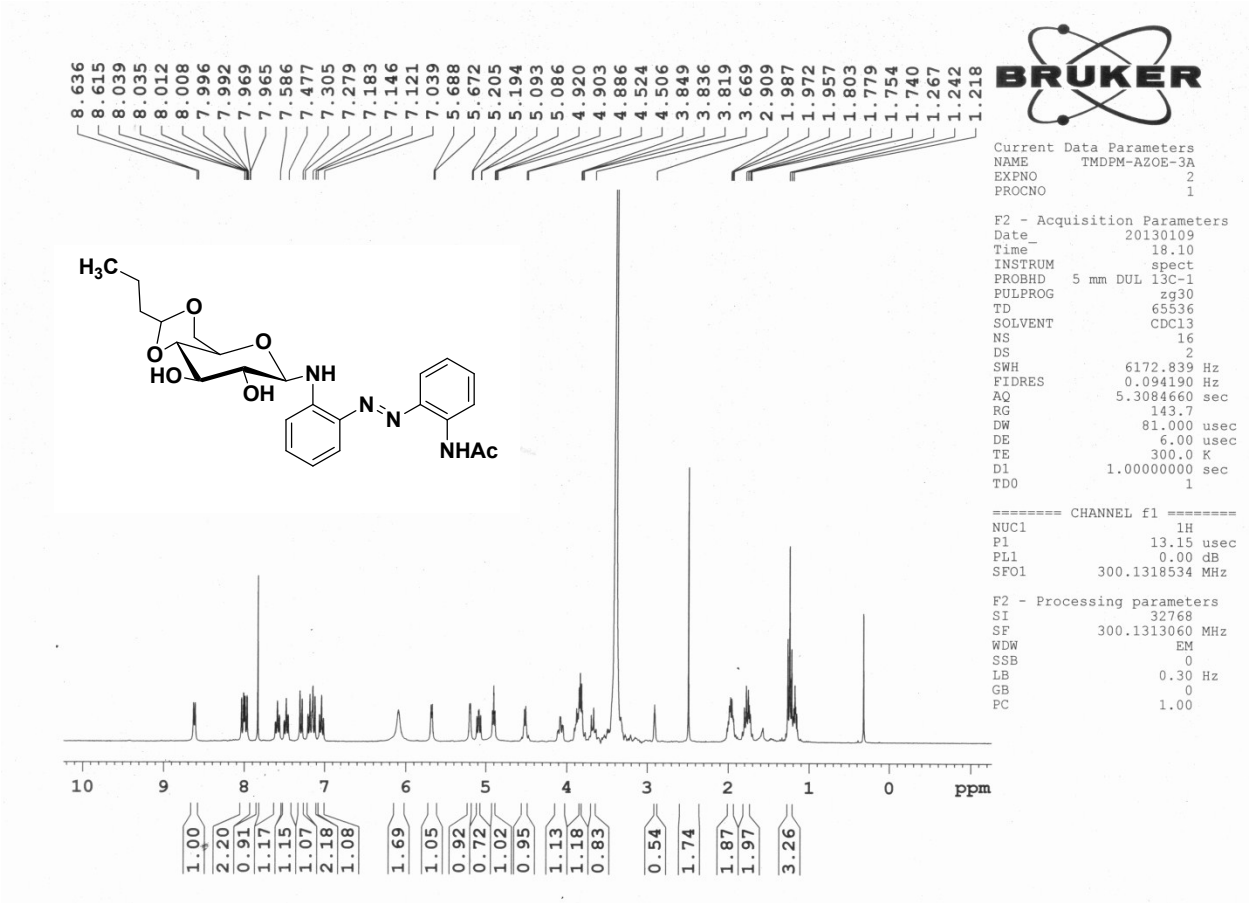

Figure S9. ^{13}C NMR Spectrum of compound, 5 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 75MHz)

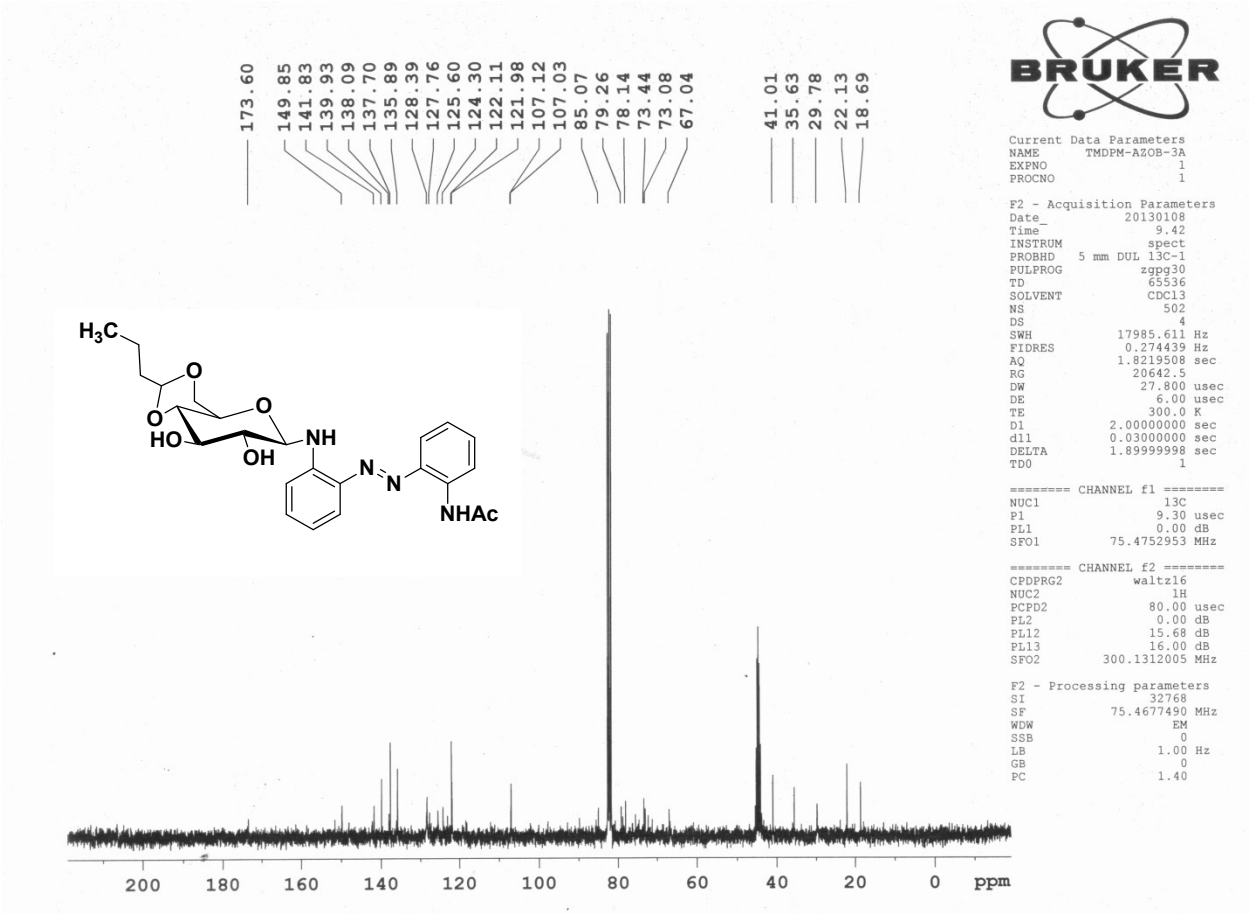

Figure S10. ^{1}H NMR Spectrum of compound, 6 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 300MHz)

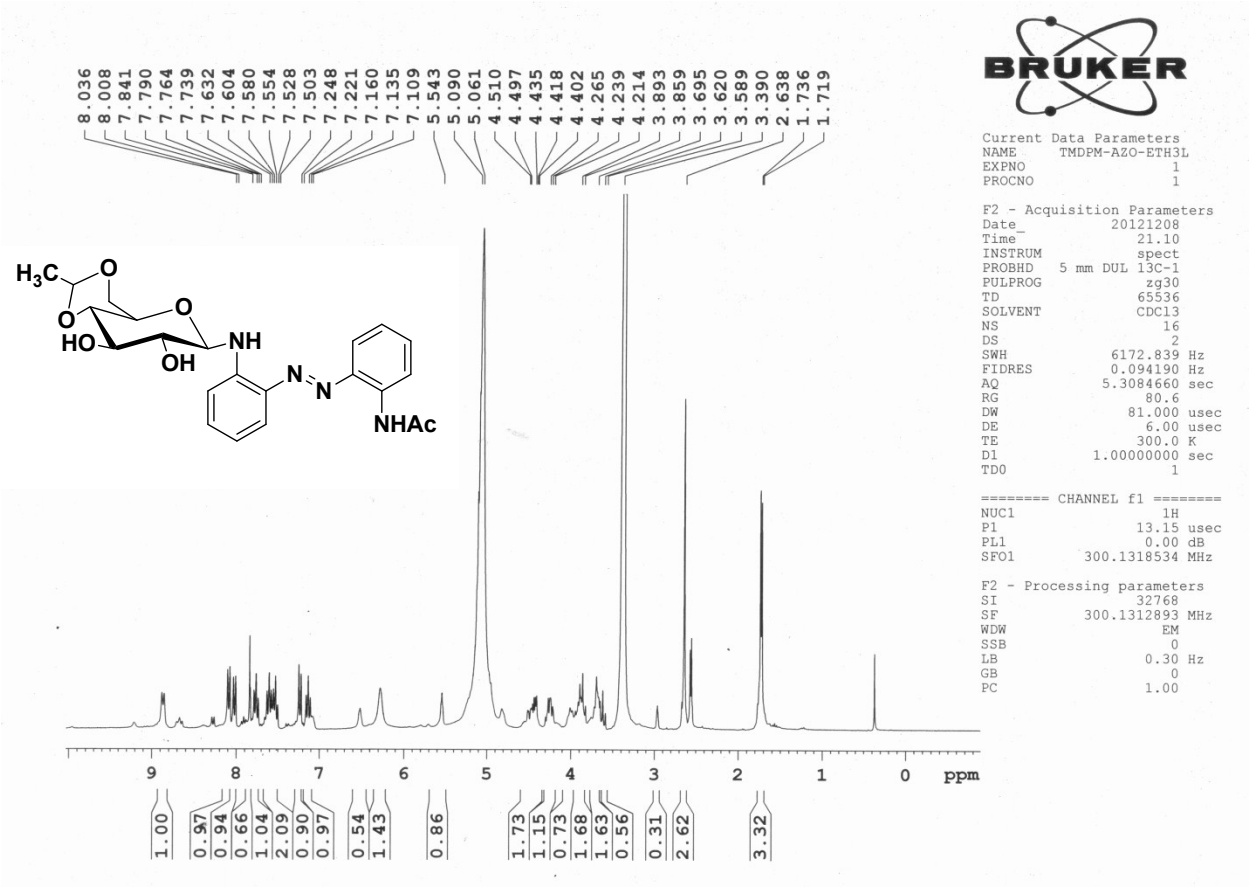

Figure S11. ^{13}C NMR Spectrum of compound 6 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 75MHz)

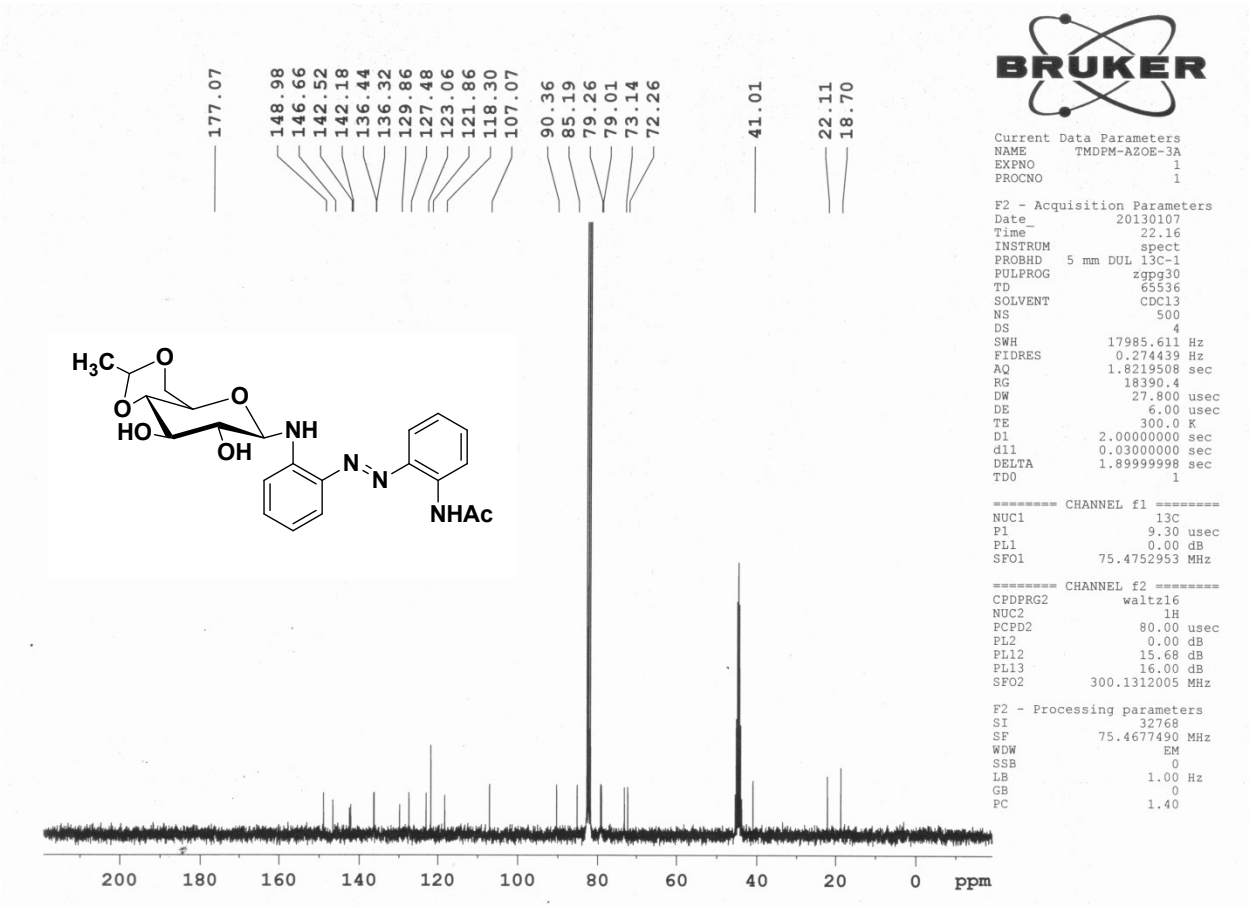

Figure S12. ^{1}H NMR Spectrum of compound, 7 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 300MHz)

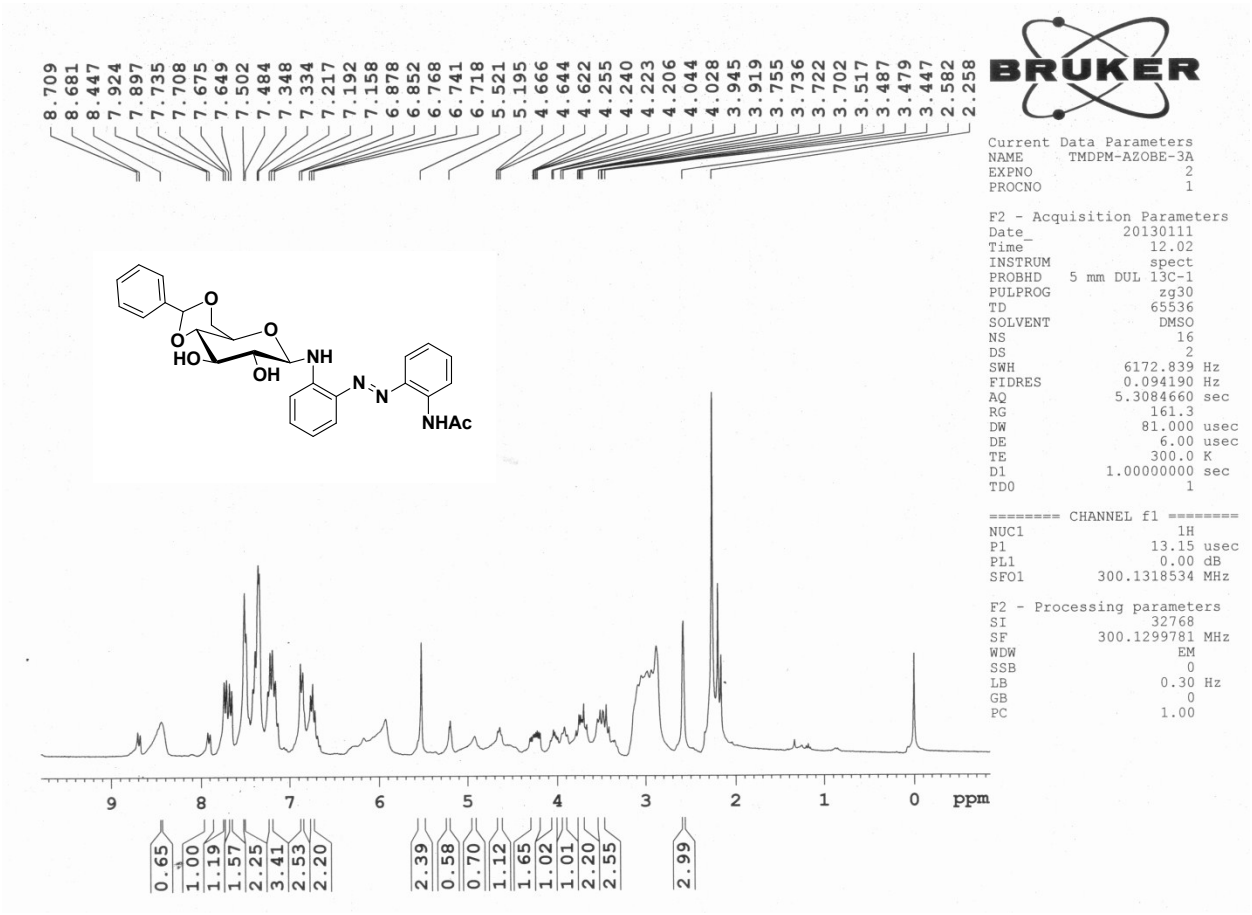

Figure S13. ^{13}C NMR Spectrum of compound 7 ($CDCl_3$(0.6mL) +DMSO-d_6 (0.1mL), 75MHz)

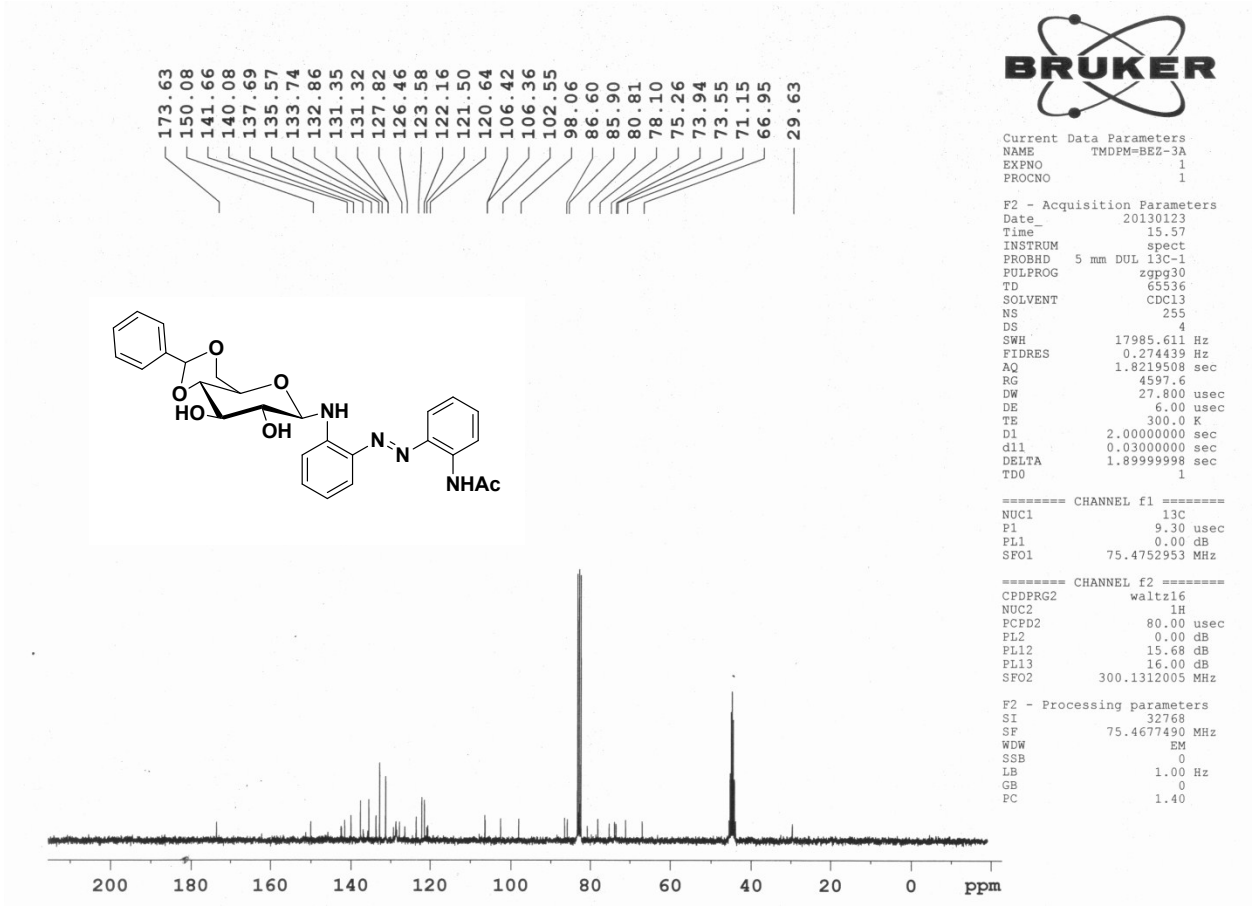

Figure S14. ^{1}H NMR Spectrum of compound, 9 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 300MHz)

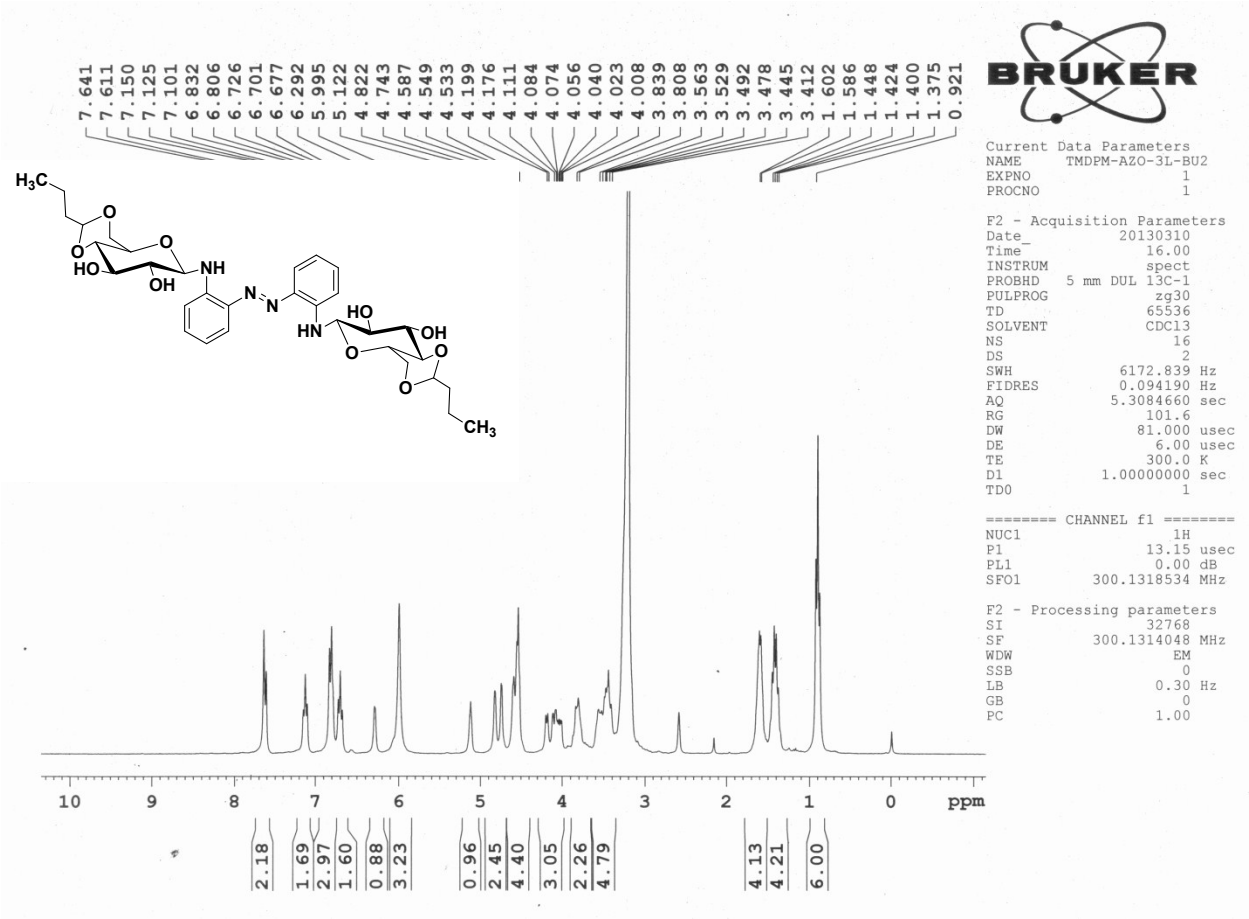

Figure S15. ^{13}C NMR Spectrum of compound 9 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 75MHz)

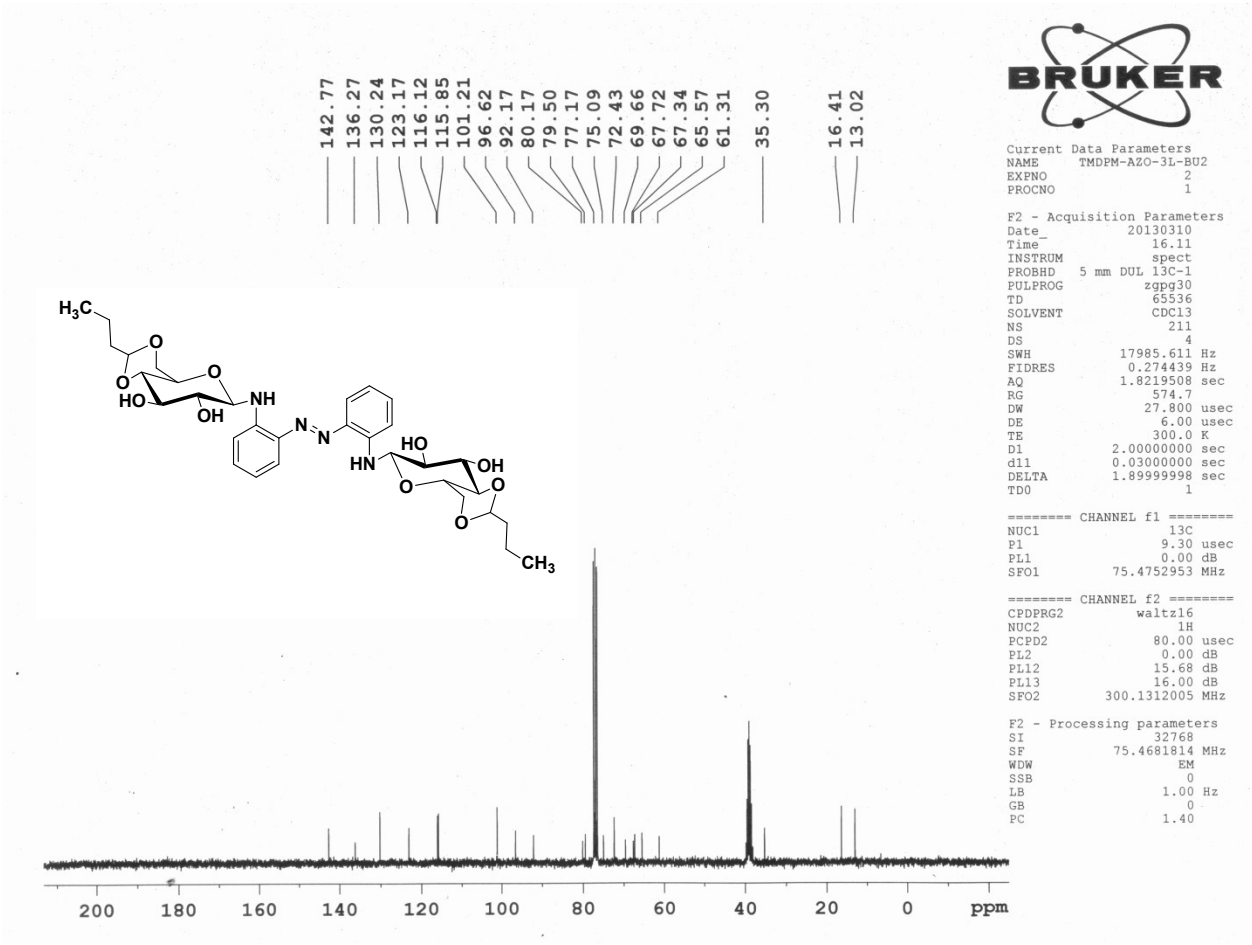

Figure S16. ^{1}H NMR Spectrum of compound, 10 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 300MHz)

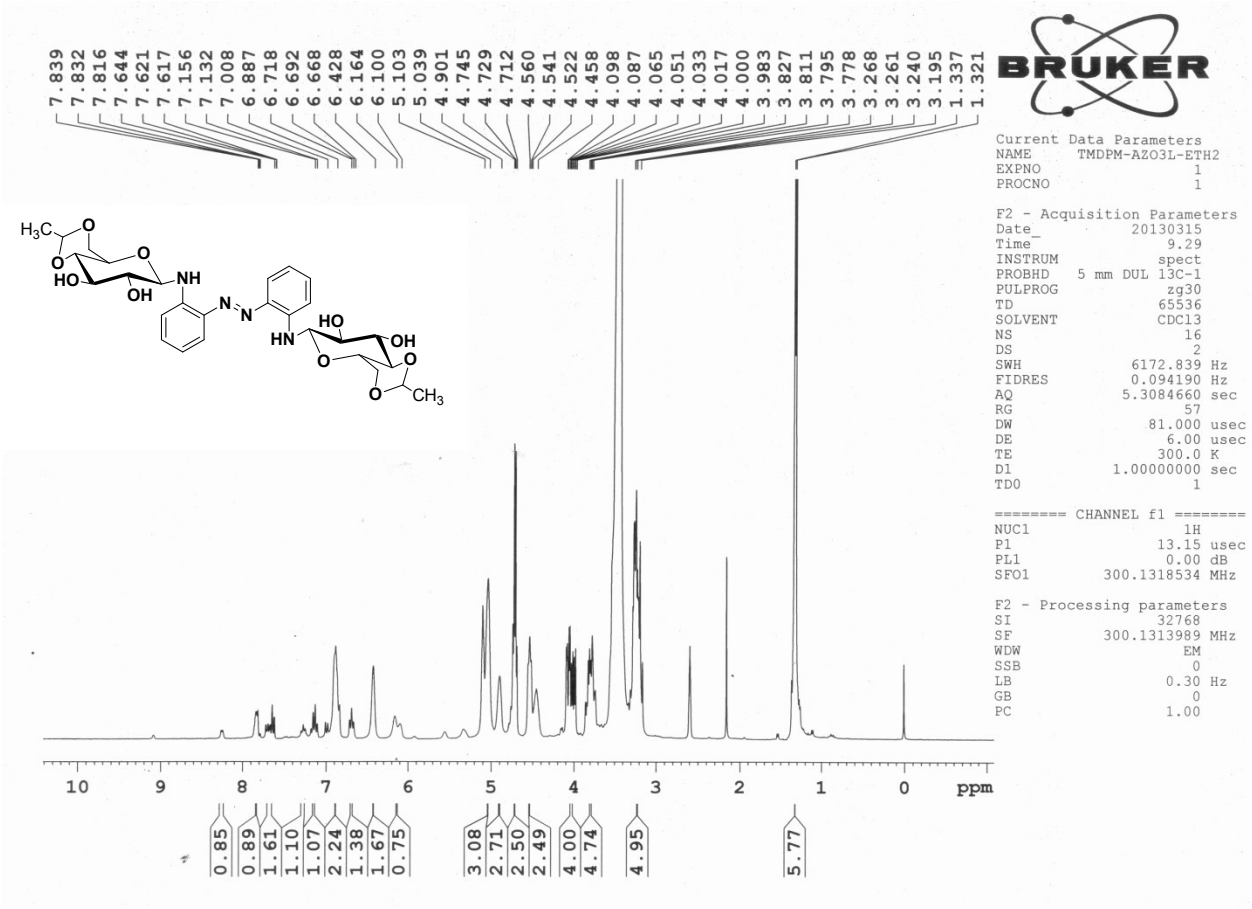

Figure S17. ^{13}C NMR Spectrum of compound, 10 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 75MHz)

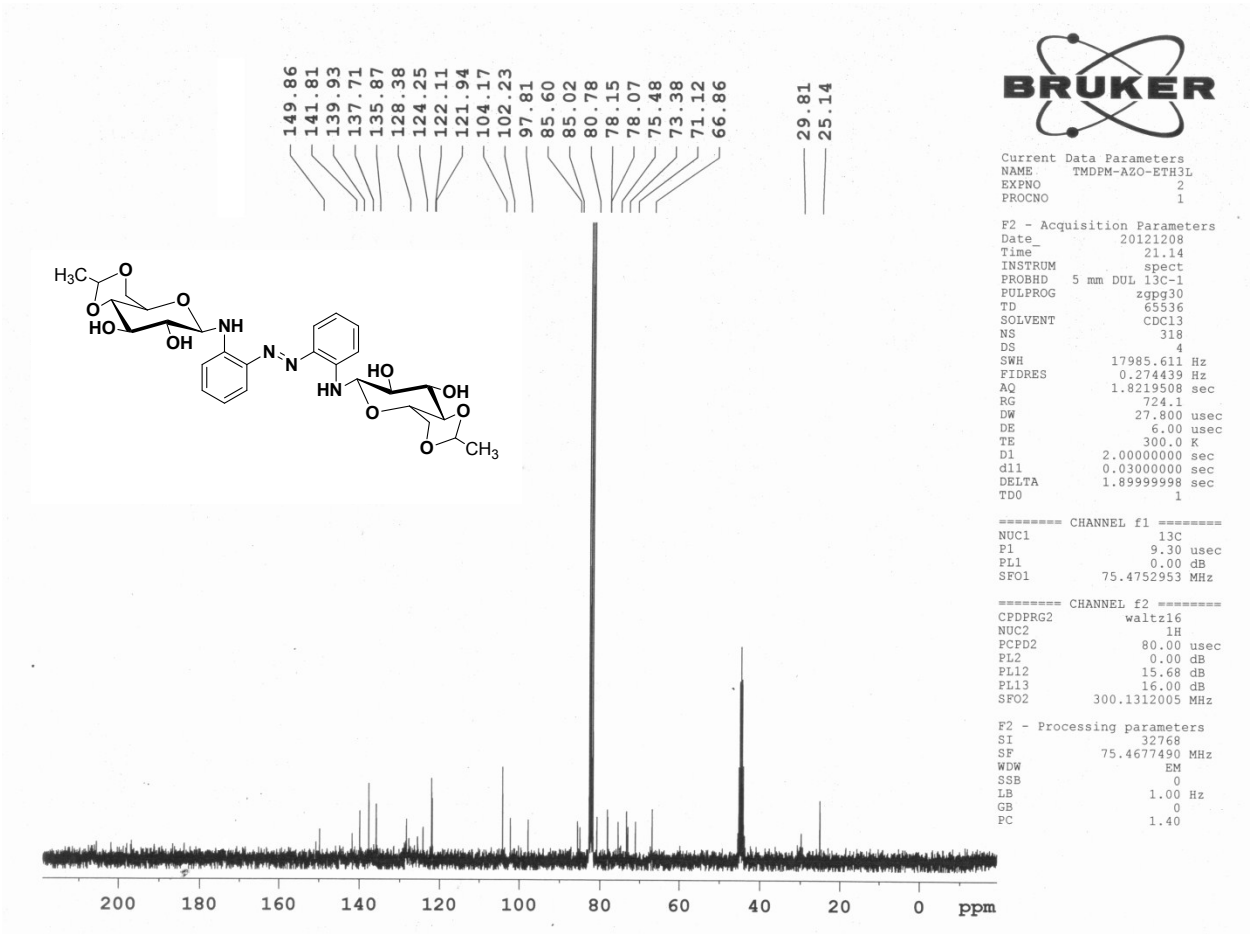

Figure S18. ^{1}H NMR Spectrum of compound, 11 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 300MHz)

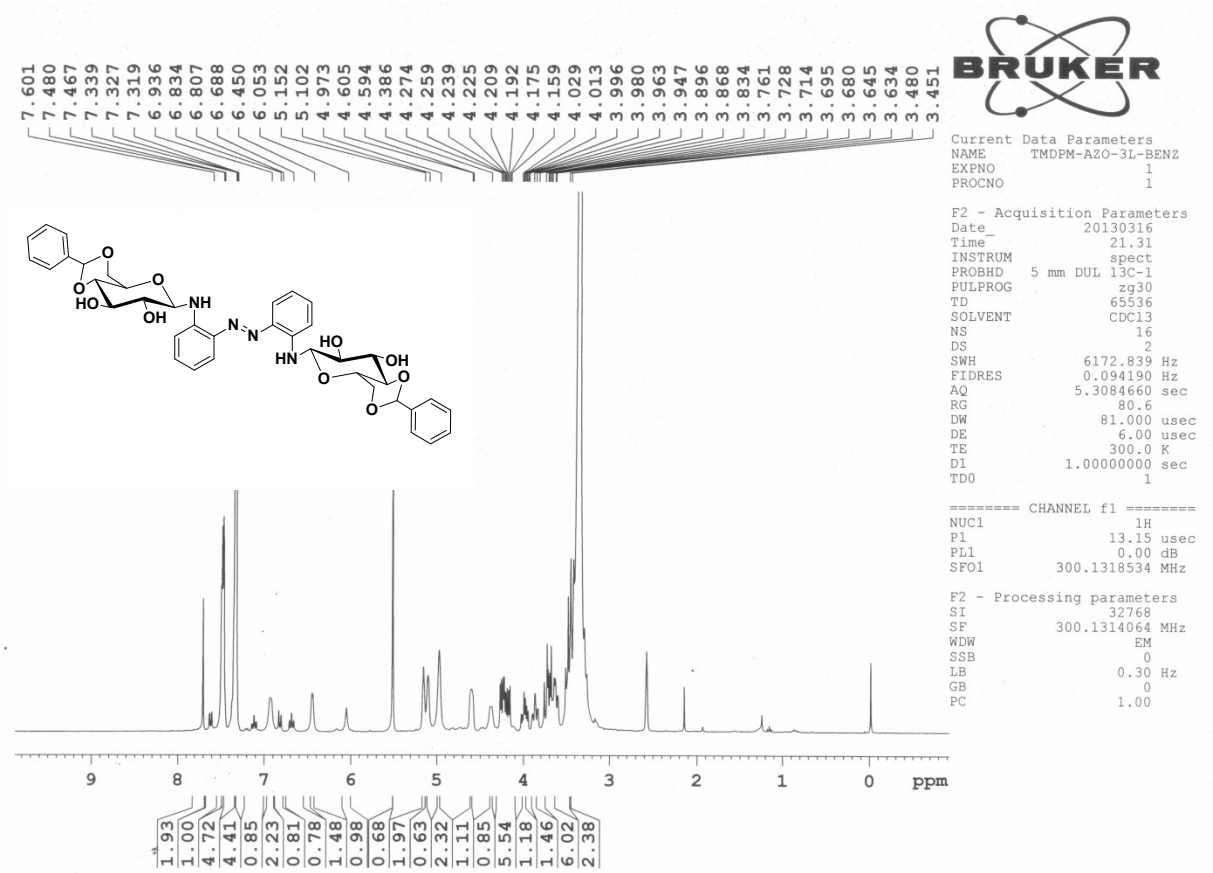

Figure S19. ^{13}C NMR Spectrum of compound 11 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 75MHz)

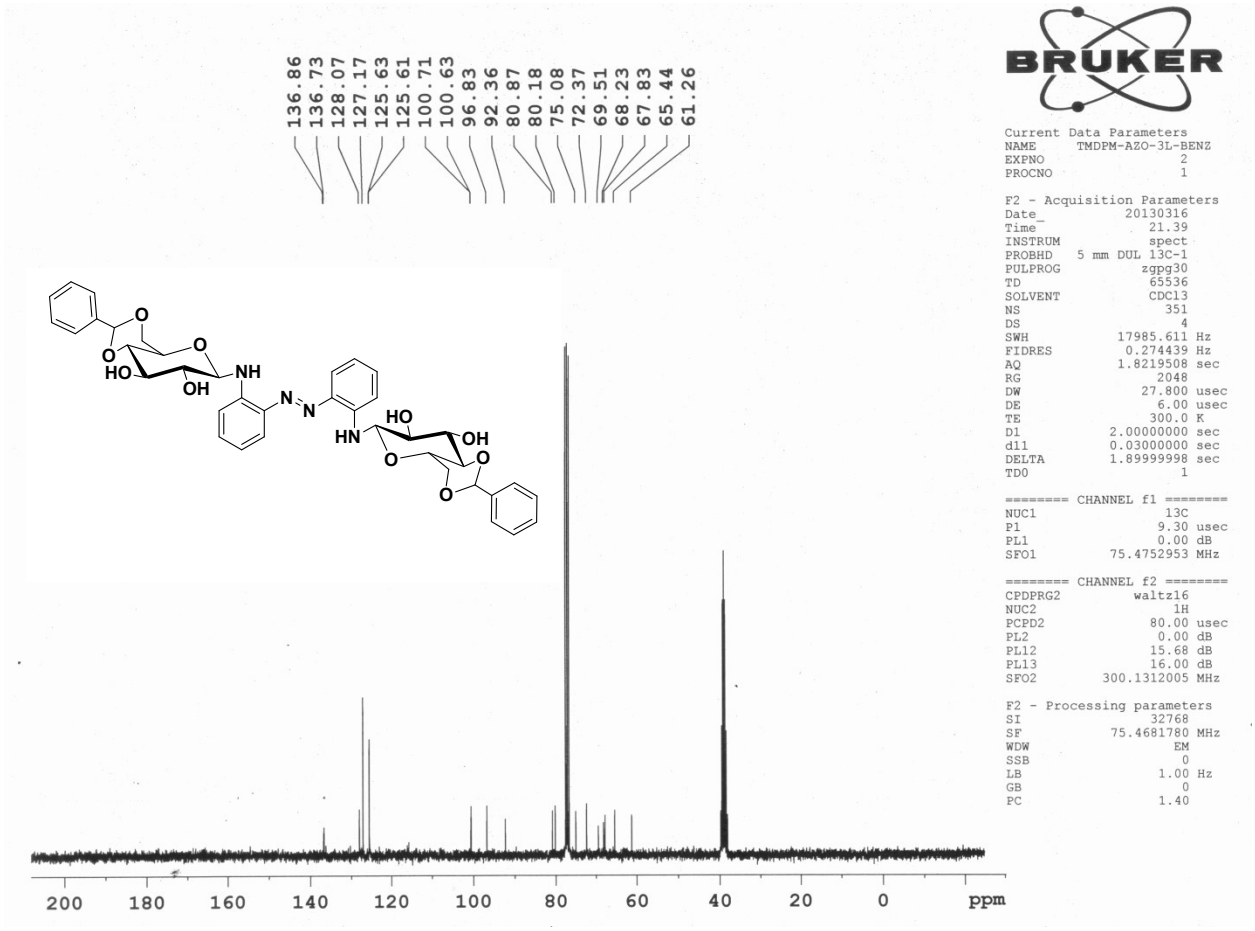

Figure S20. ^{1}H NMR Spectrum of compound, 13 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 300MHz)

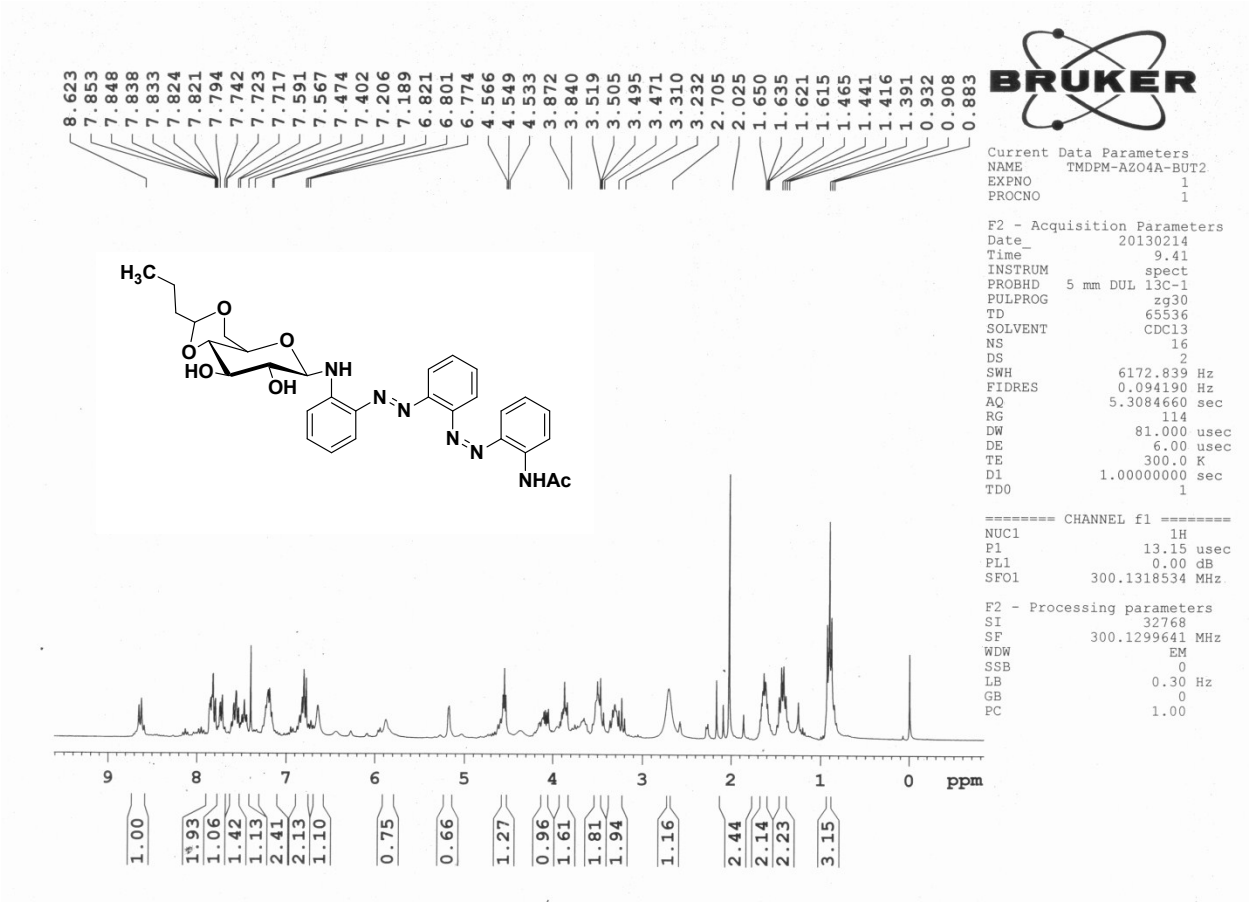

Figure S21. ^{13}C NMR Spectrum of compound 13 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 75MHz)

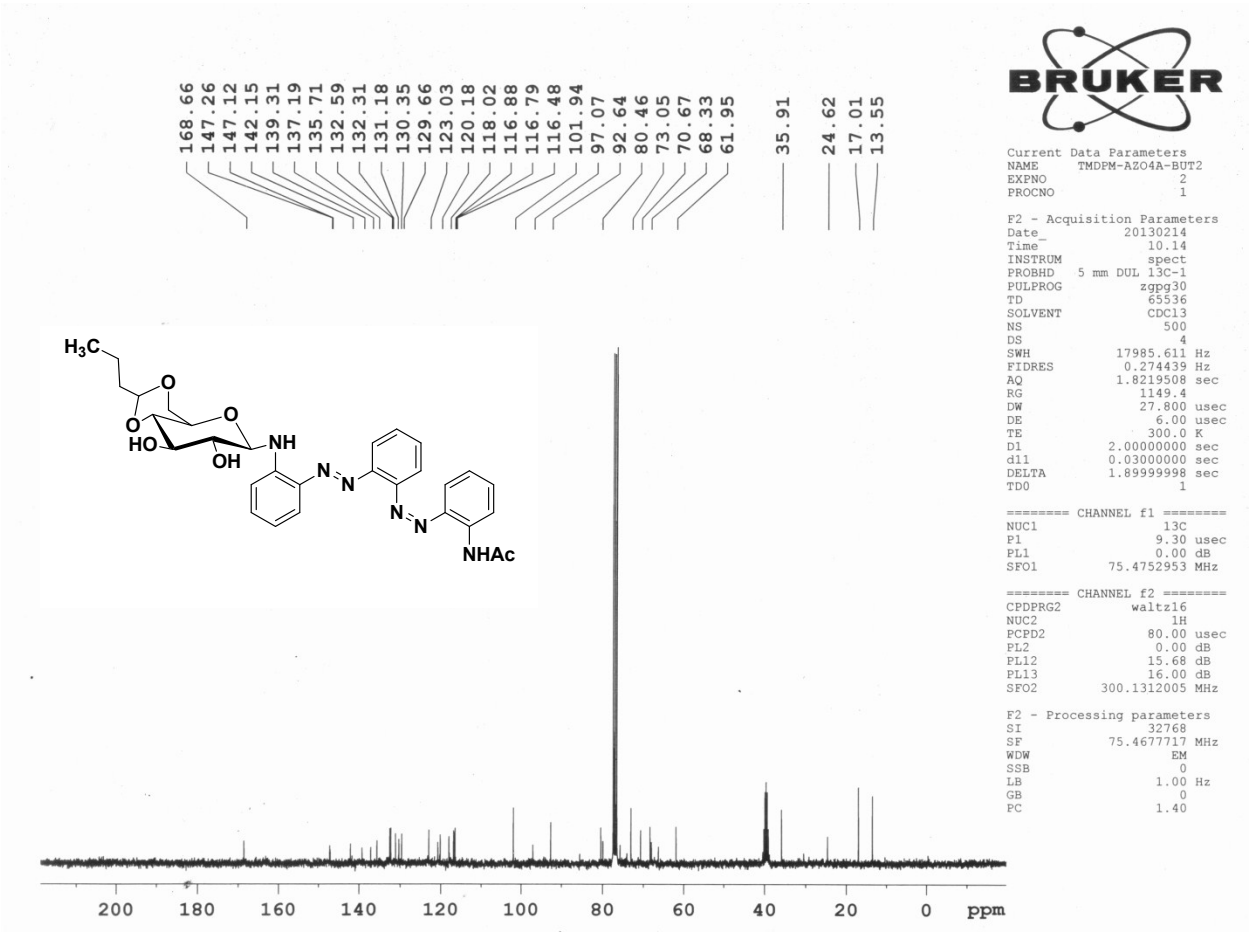

Figure S22. ^{1}H NMR Spectrum of compound 14 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 300MHz)

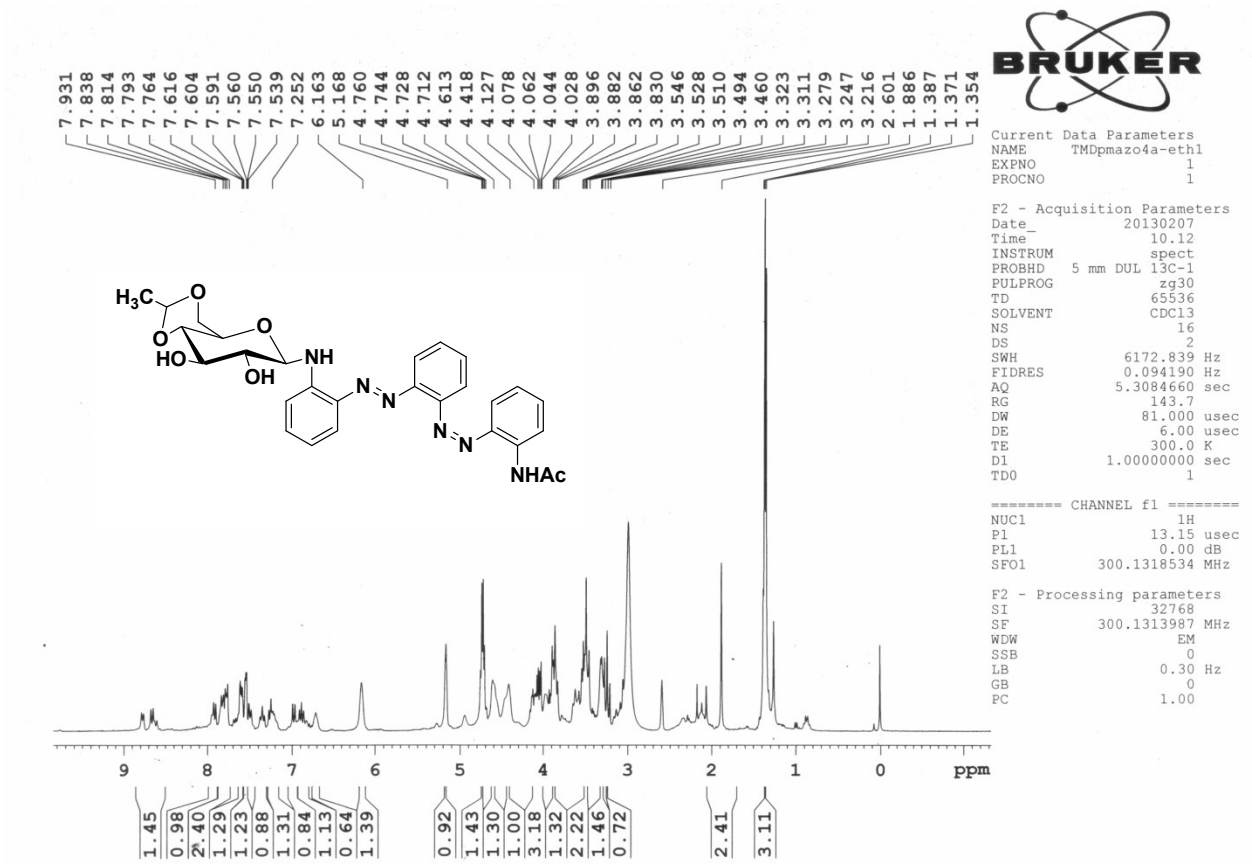

Figure S23. ^{13}C NMR Spectrum of compound 14 ($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 75MHz)

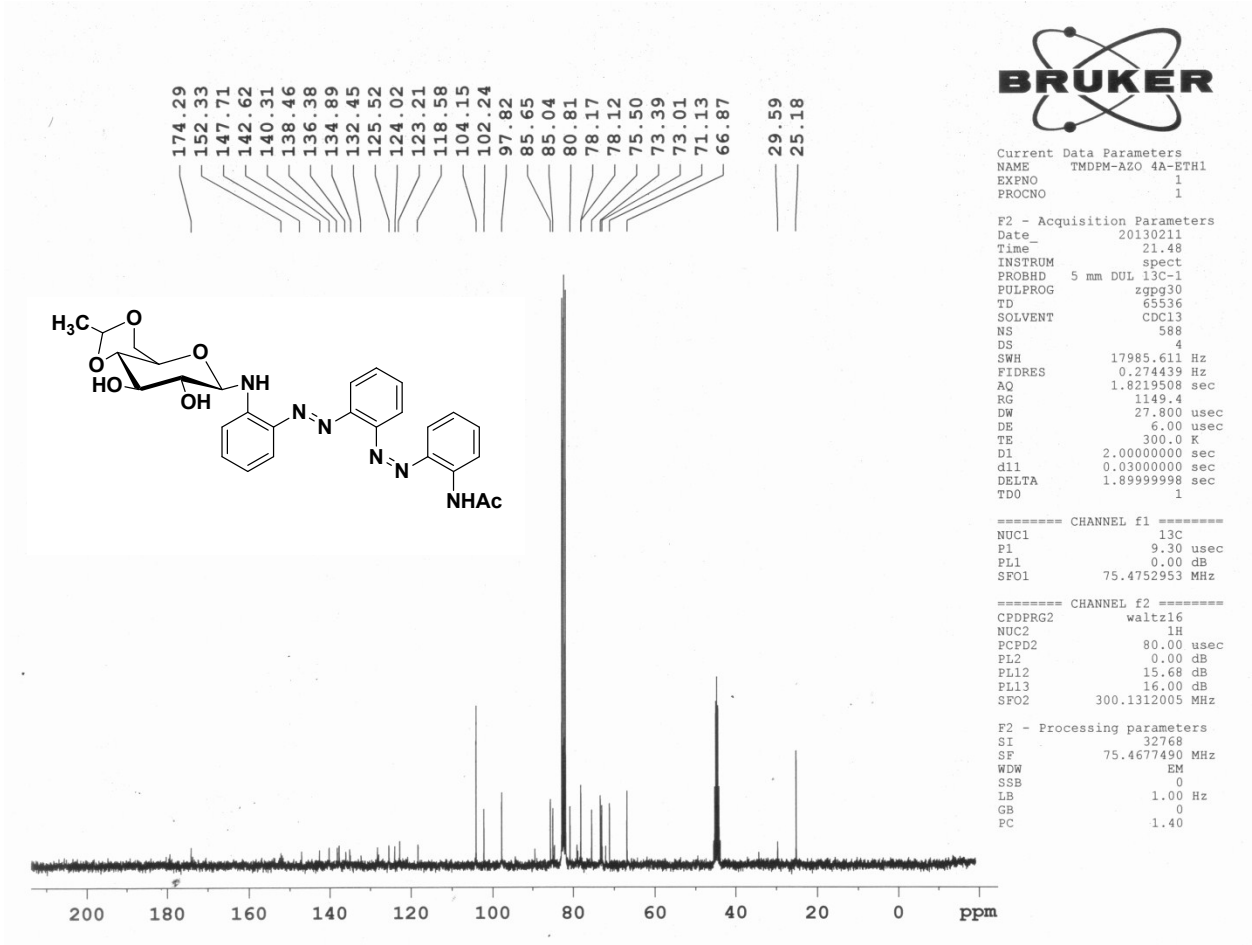

Figure S24. ^{1}H NMR Spectrum of compound 15($CDCl_3$(0.6mL) +DMSO- d_6 (0.1mL), 75MHz)

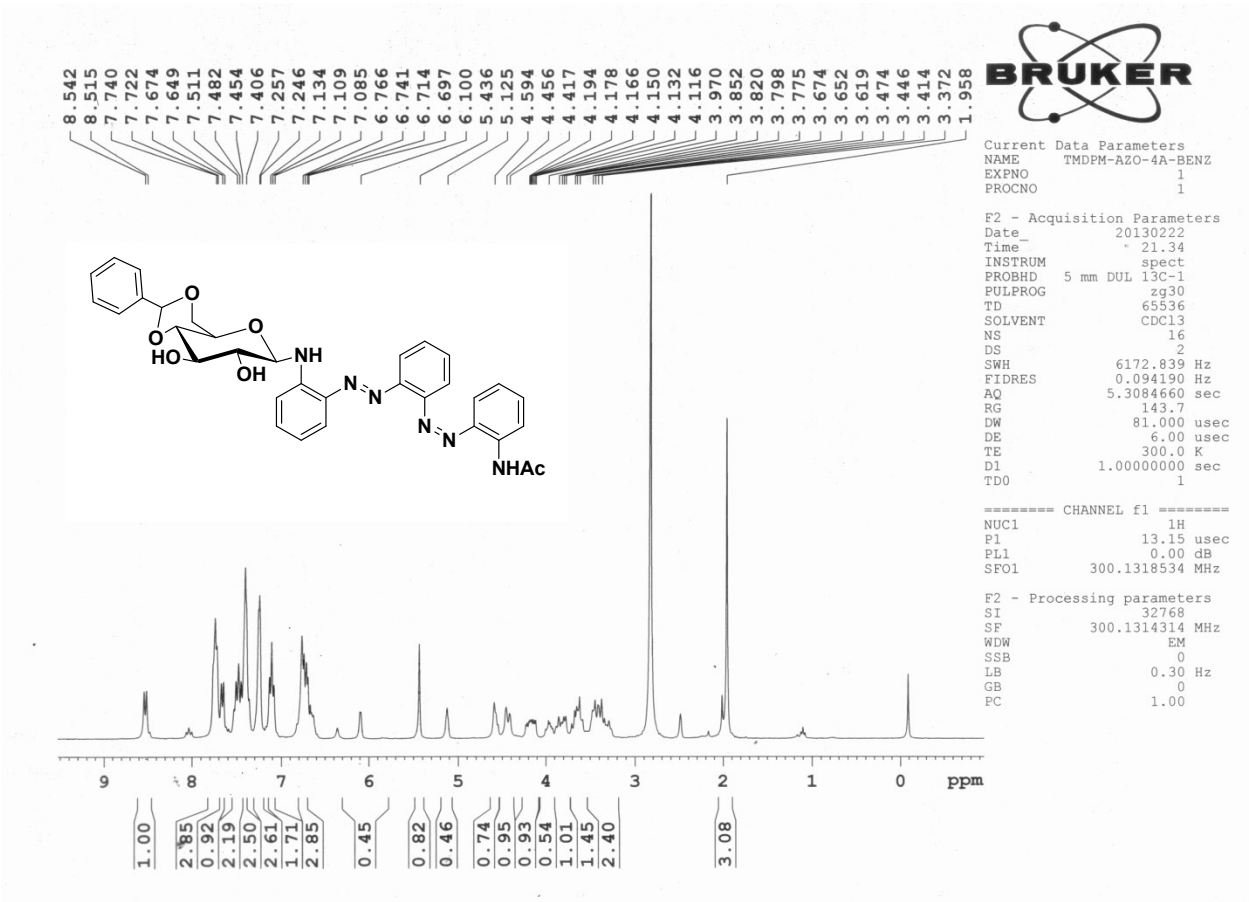

Figure S25. ^{13}C NMR Spectrum of compound 15 ($CDCl_3$(0.6mL) DMSO- d_6 (0.1mL), 75MHz)