

Guanylation of Thiosemicarbazones: A New Synthetic Route to Polysubstituted Guanylhyazones with Antimicrobial Activity

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The spectra were acquired with a Varian Gemini-300 spectrometer operating at 300.069 MHz for ¹H and 75.458 MHz for ¹³C using a 5mm direct probe unless otherwise indicated.

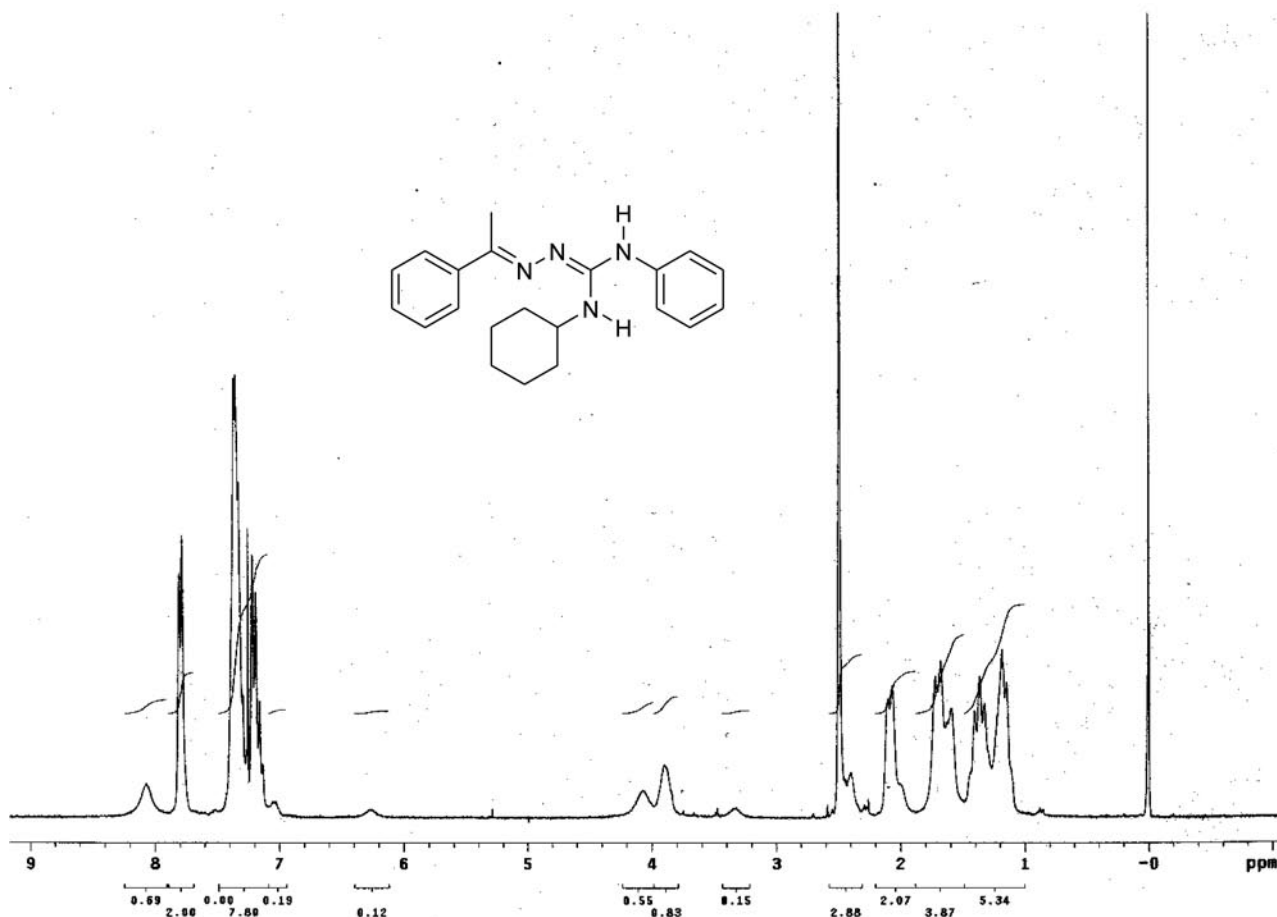
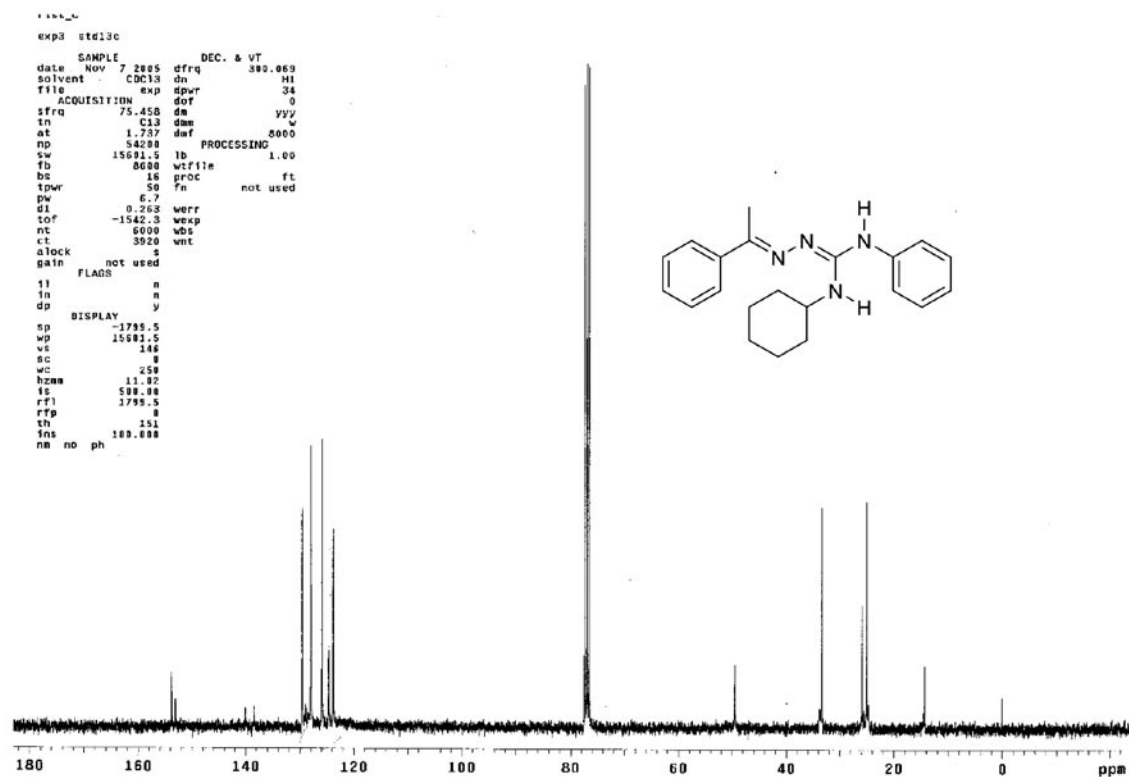
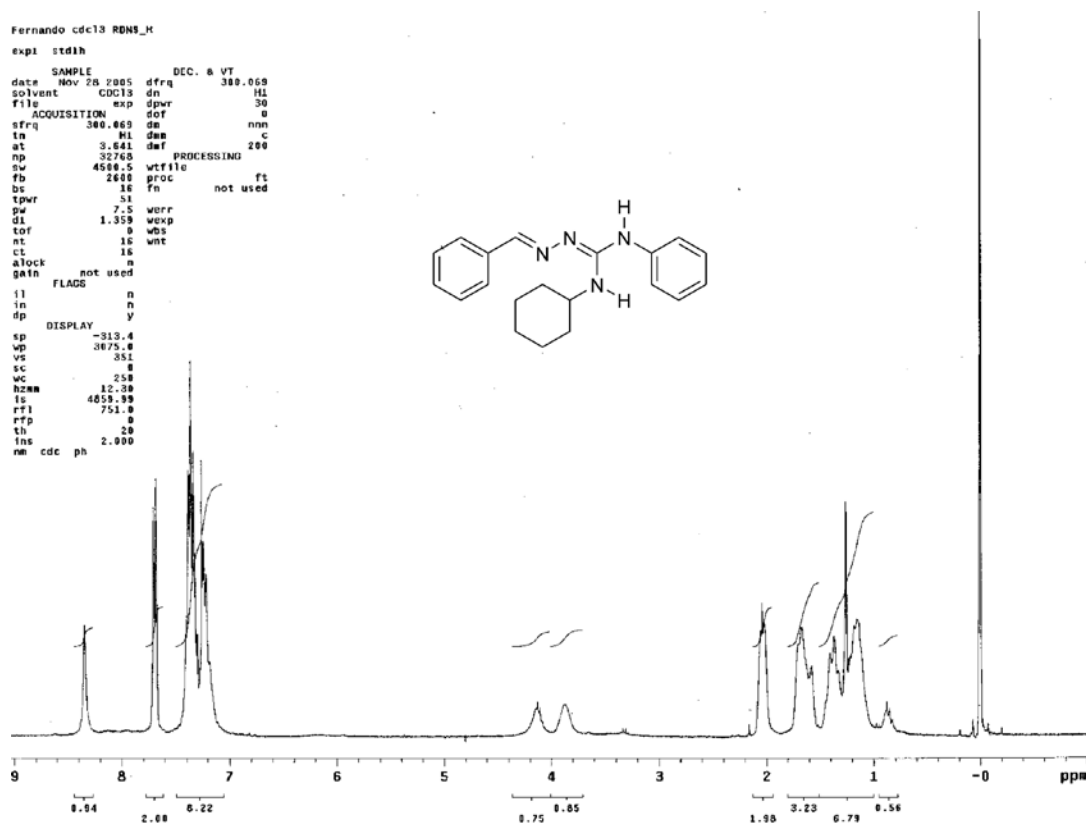
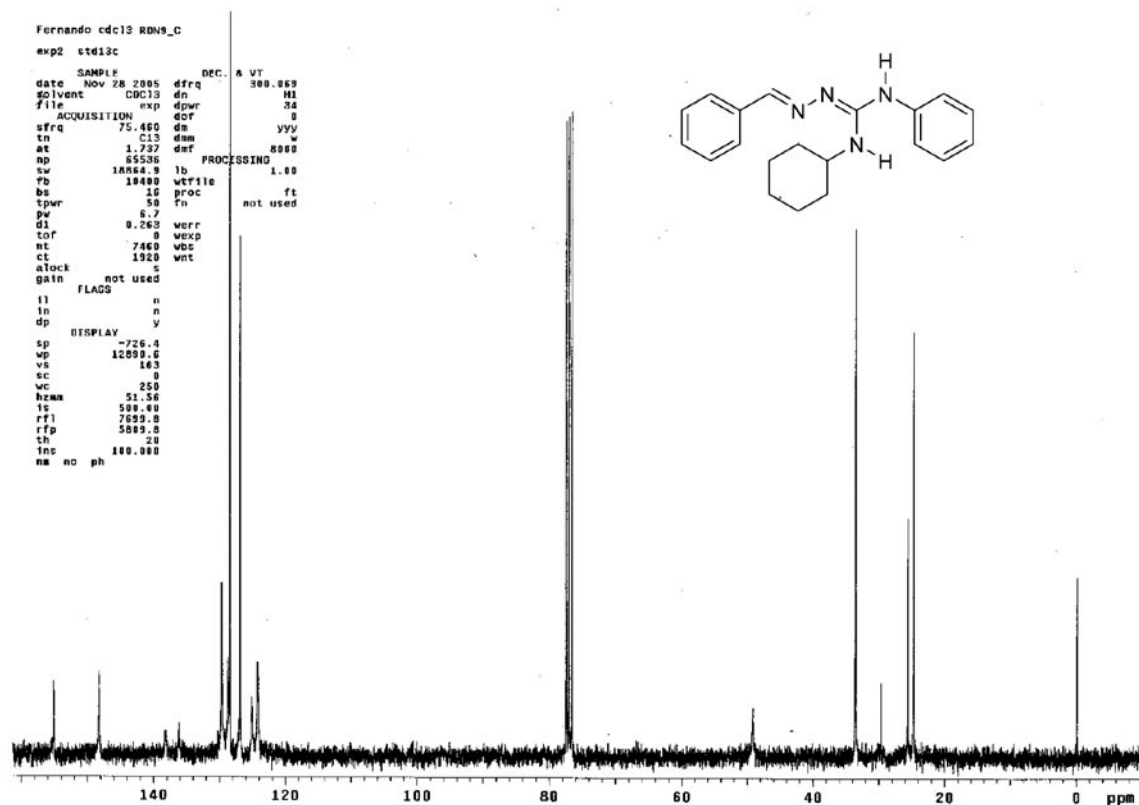
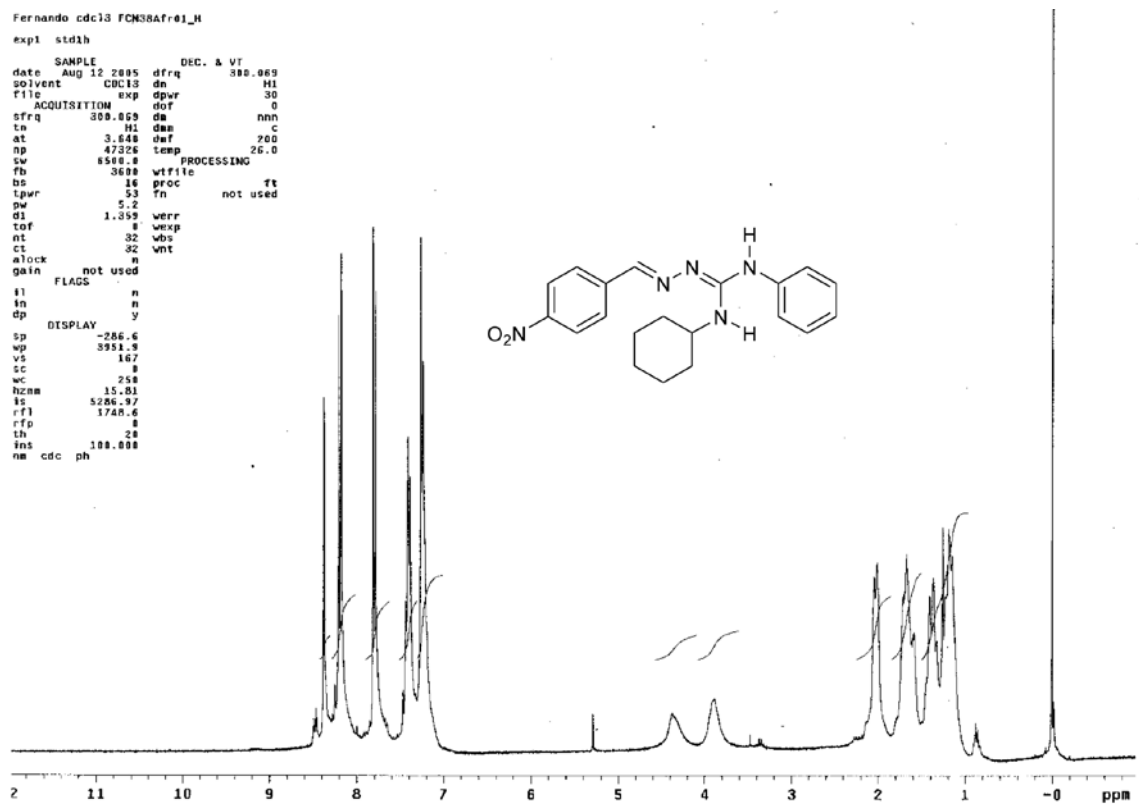
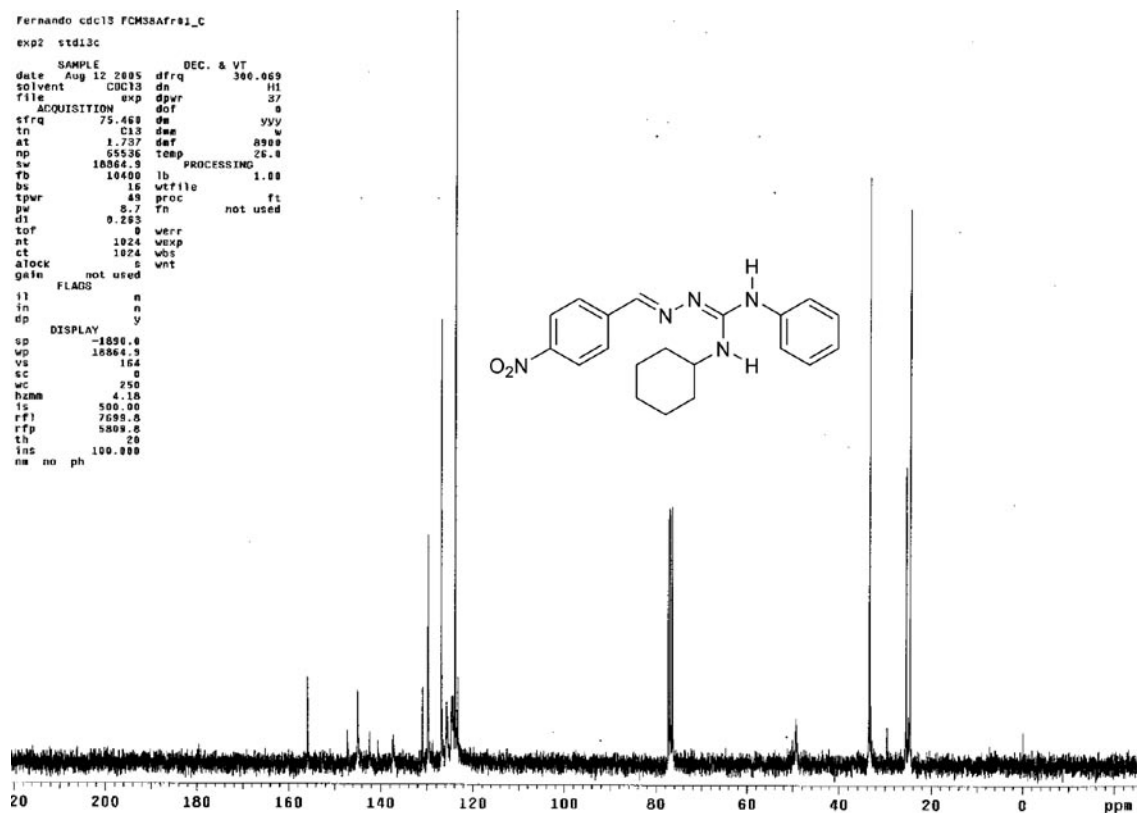
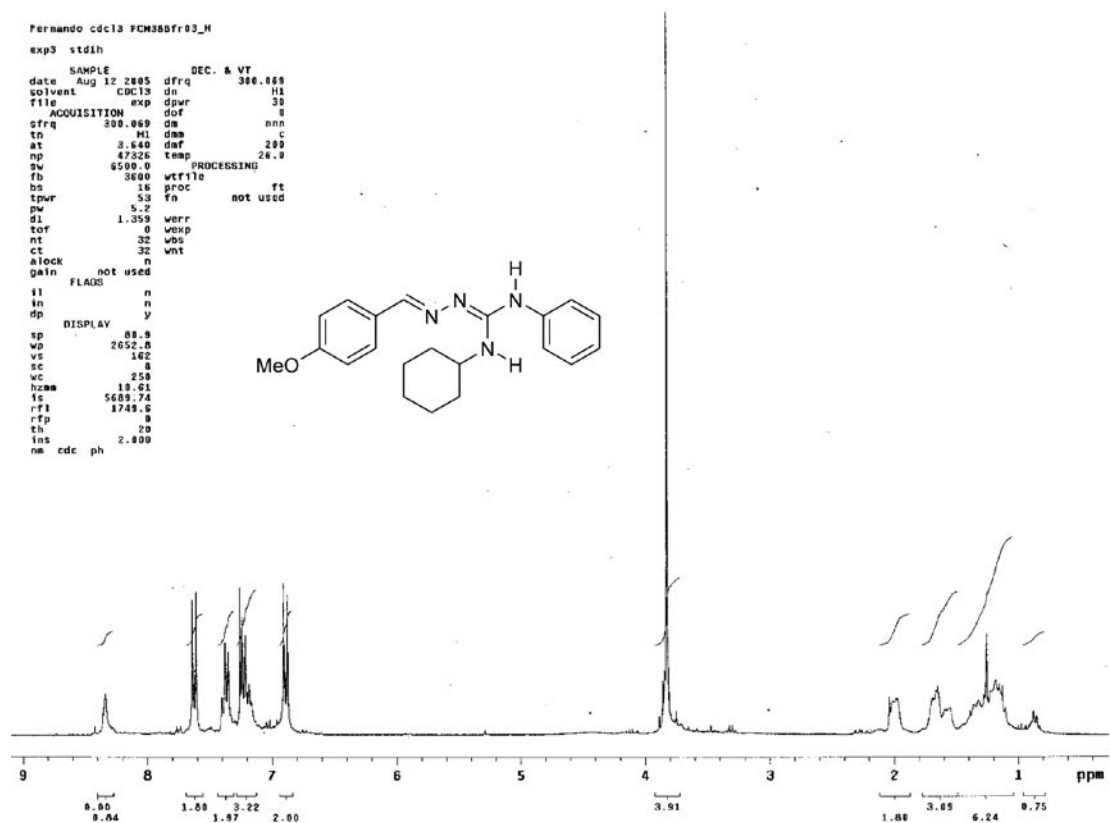


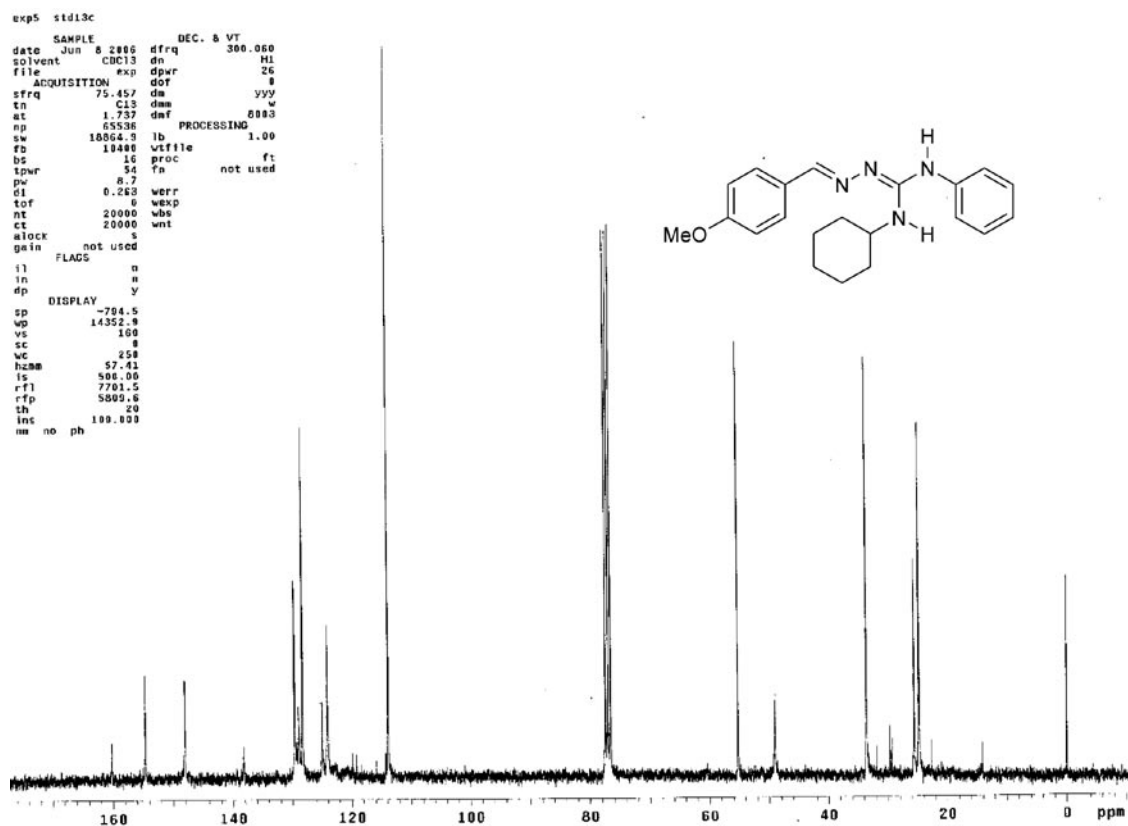
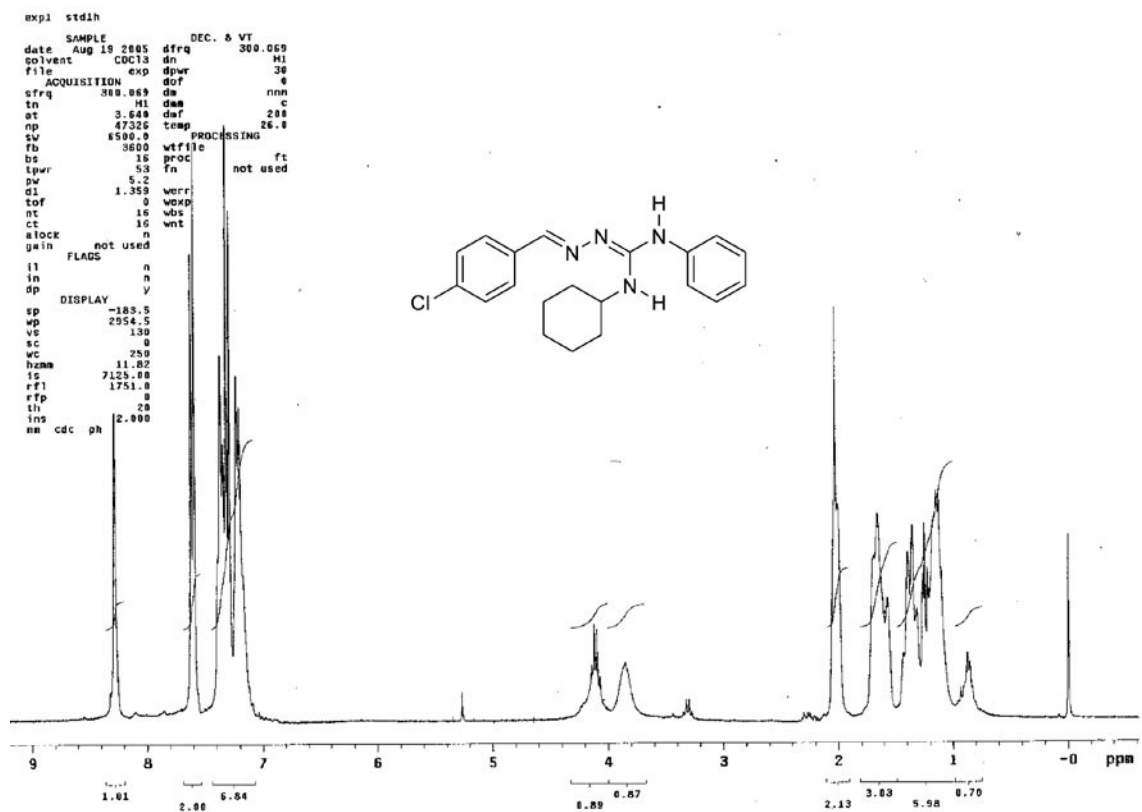
Figure S1. Full ¹H NMR spectrum of compound 2a (CDCl₃).

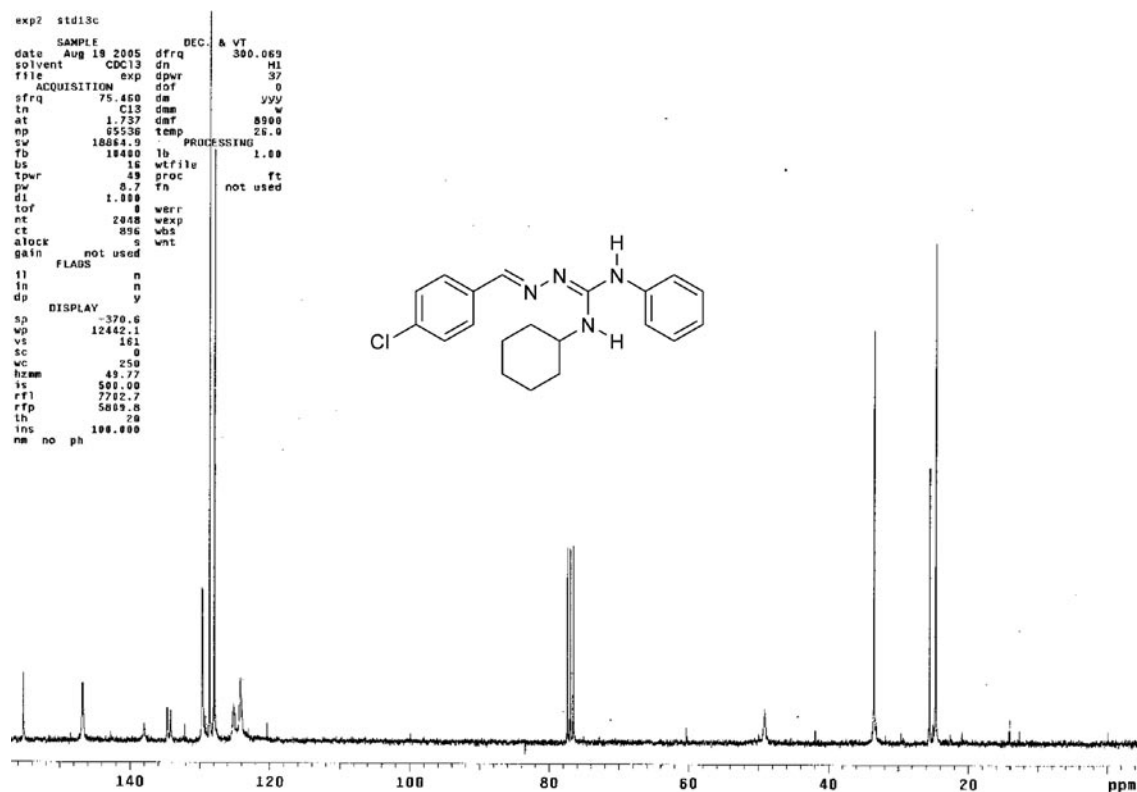
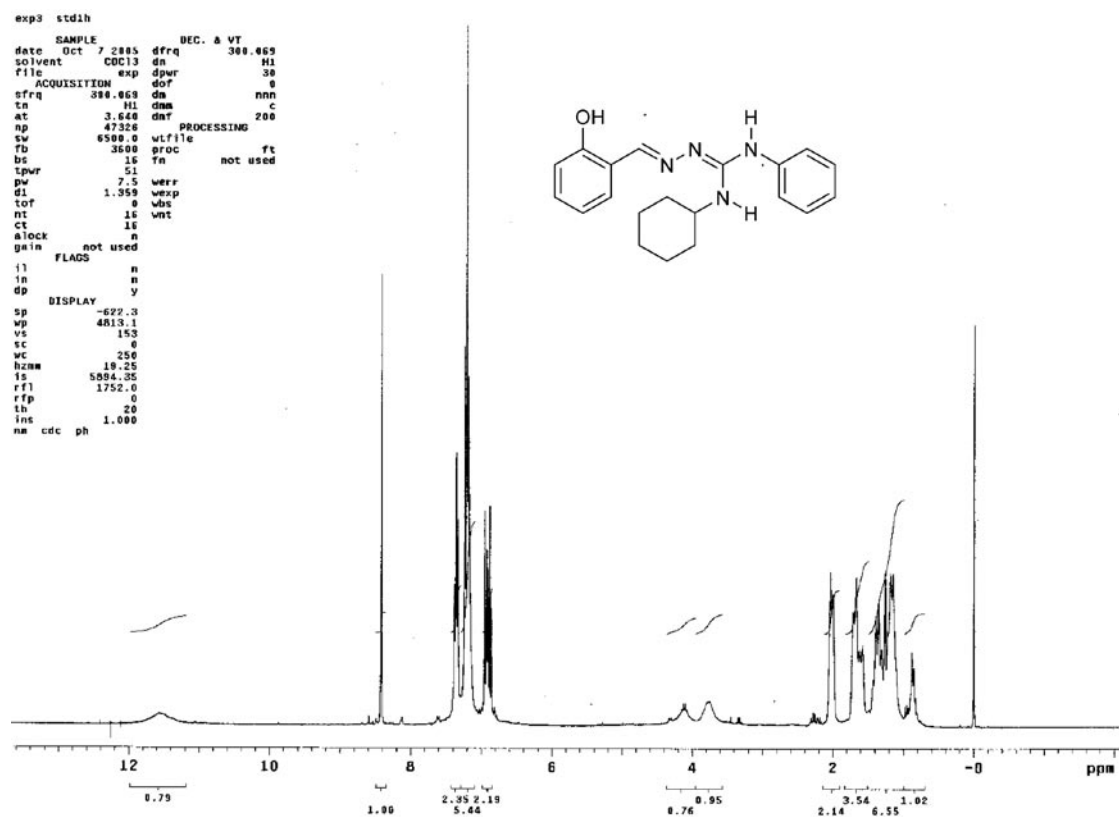
*e-mail: silviadc@ufba.br

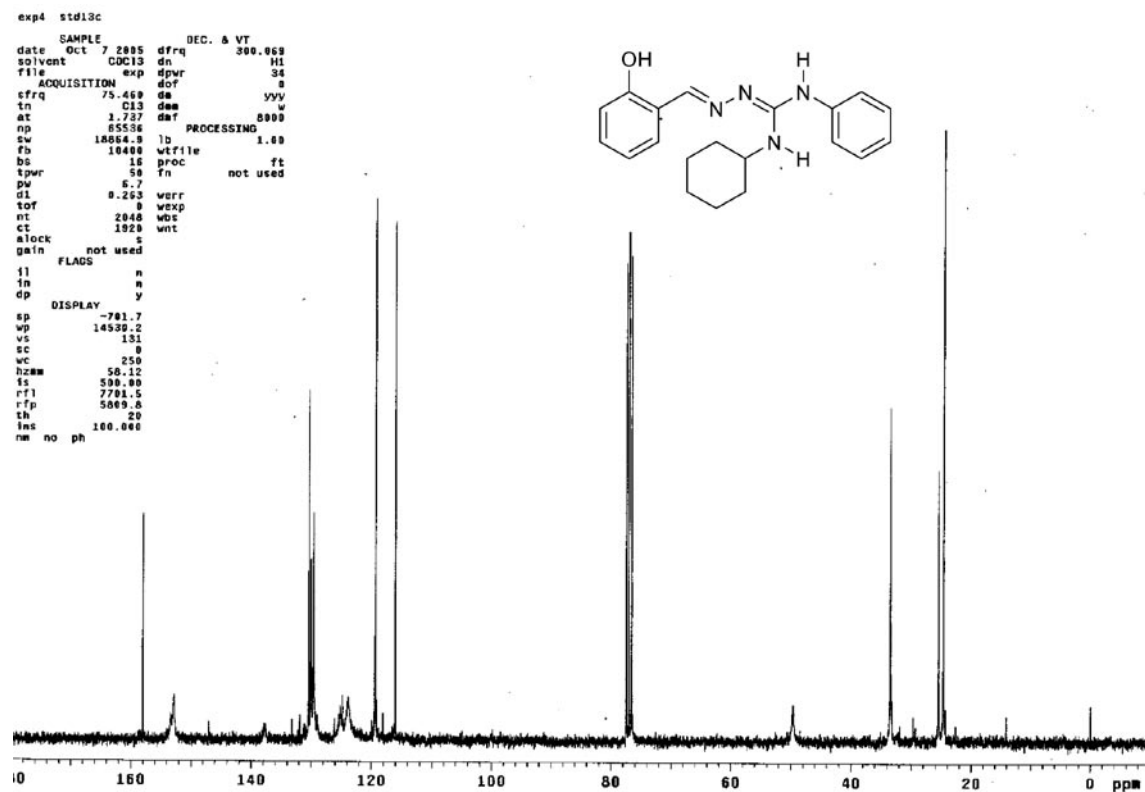
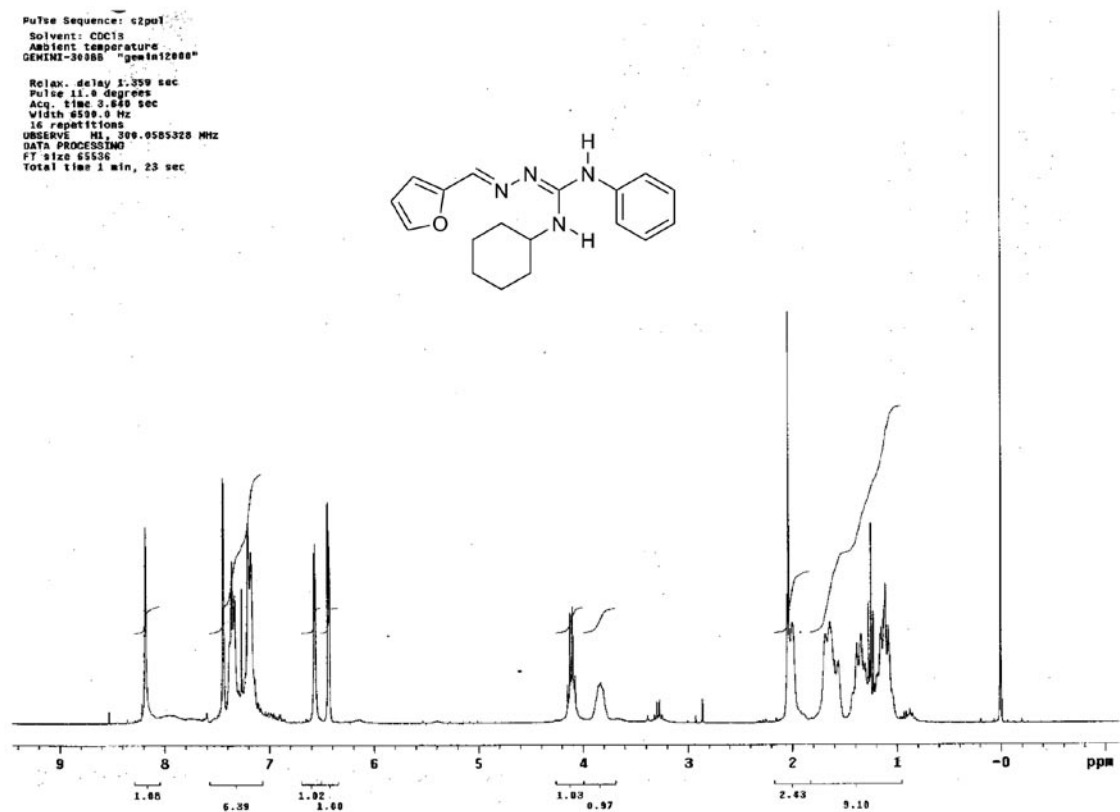
Figure S2. Full ^{13}C NMR spectrum of compound 2a (CDCl_3).Figure S3. Full ^1H NMR spectrum of compound 2b (CDCl_3).

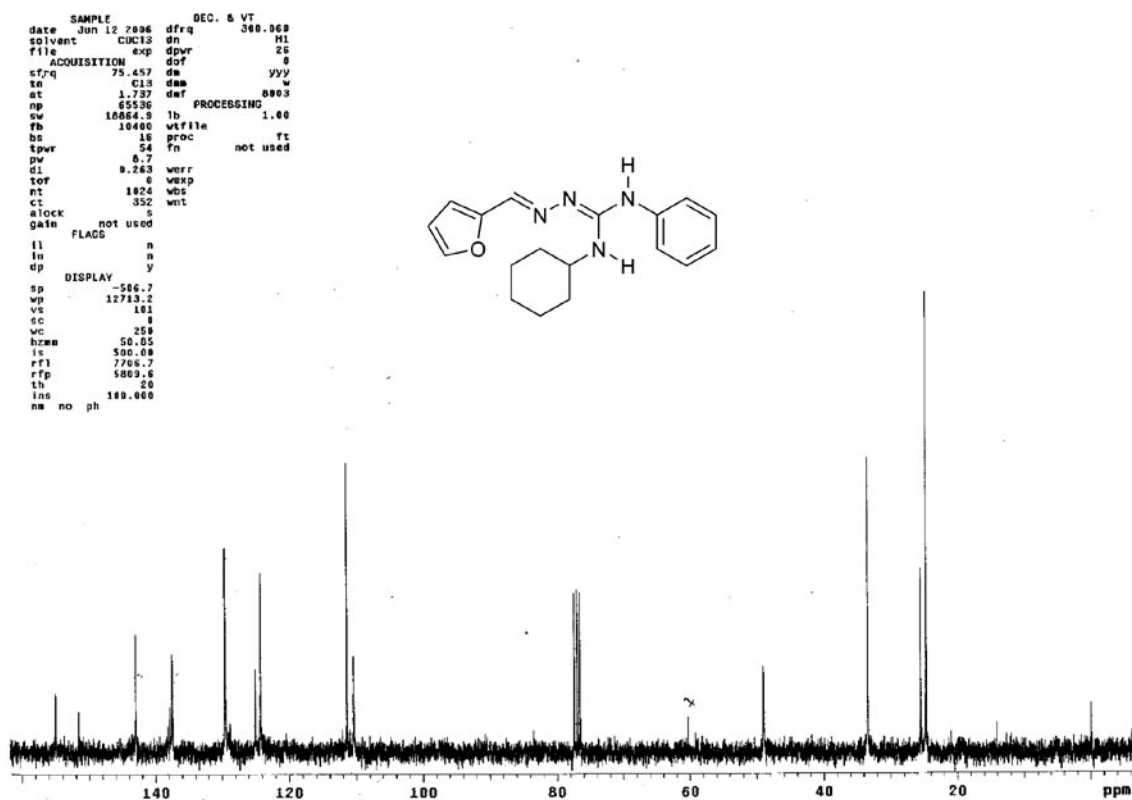
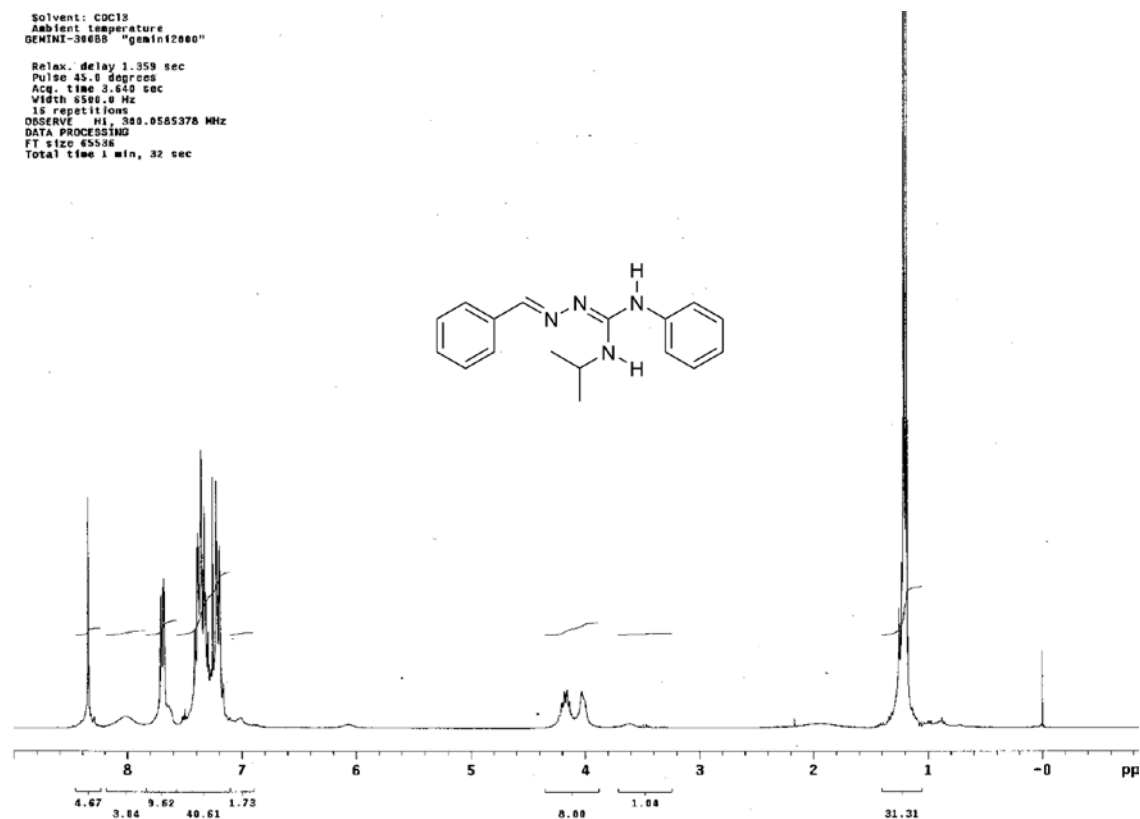
Figure S4. Full ^{13}C NMR spectrum of compound **2b** (CDCl_3).Figure S5. Full ^1H NMR spectrum of compound **2c** (CDCl_3).

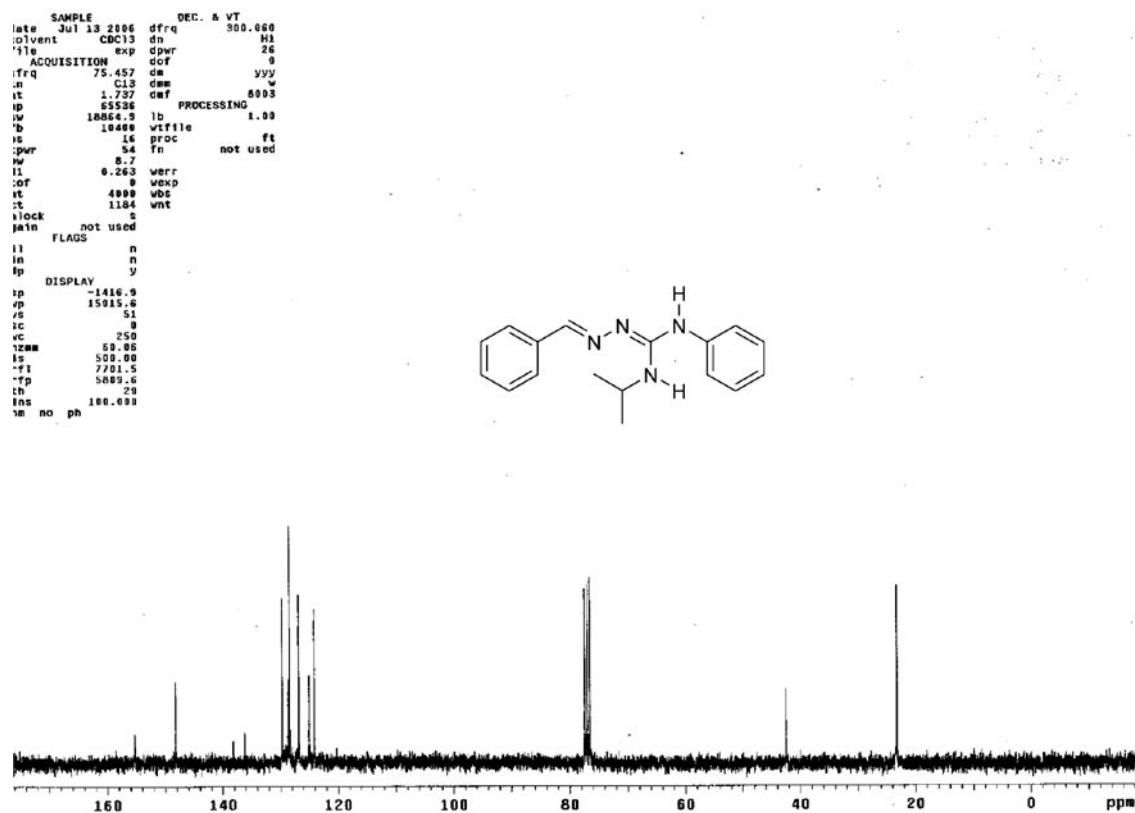
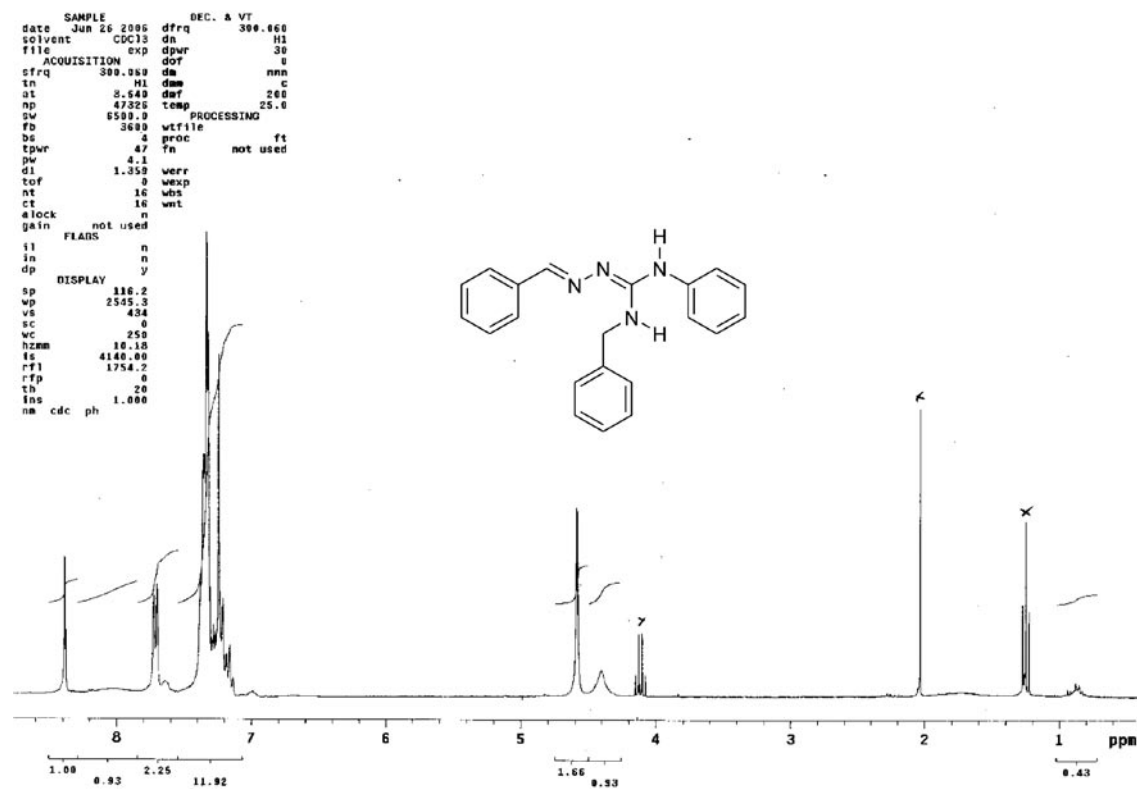
Figure S6. Full ^{13}C NMR spectrum of compound 2c (CDCl_3).Figure S7. Full ^1H NMR spectrum of compound 2d (CDCl_3).

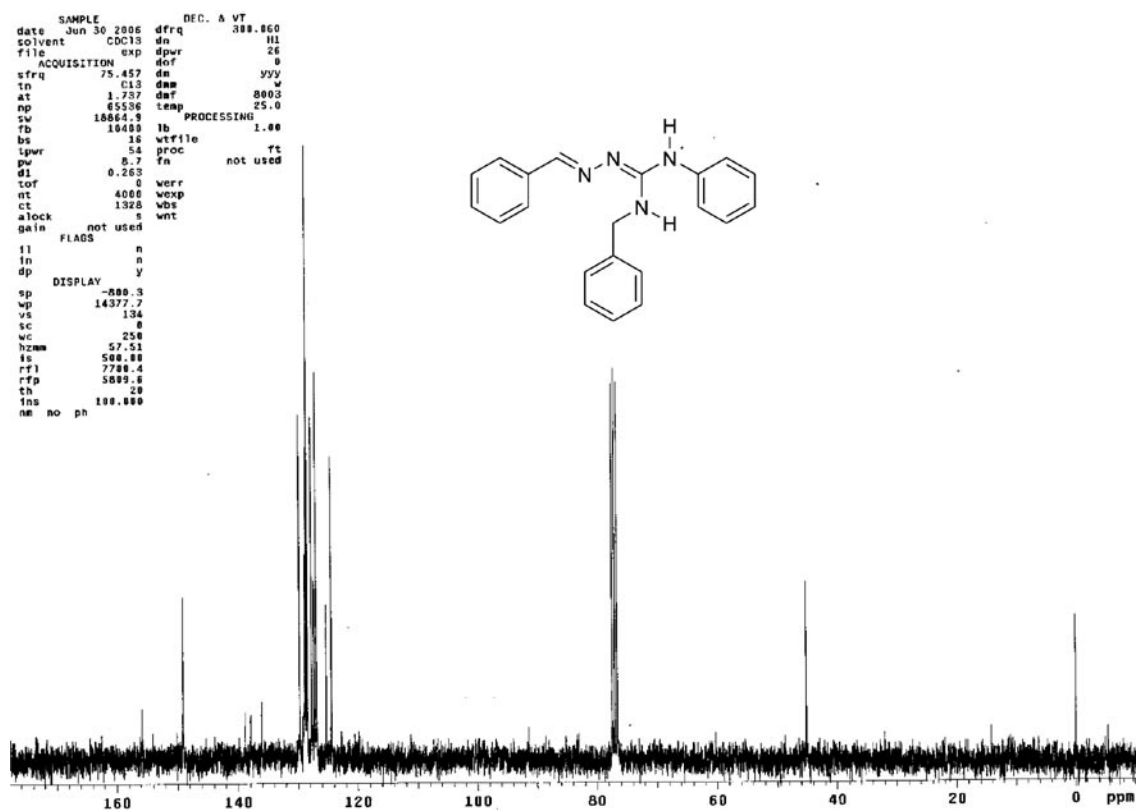
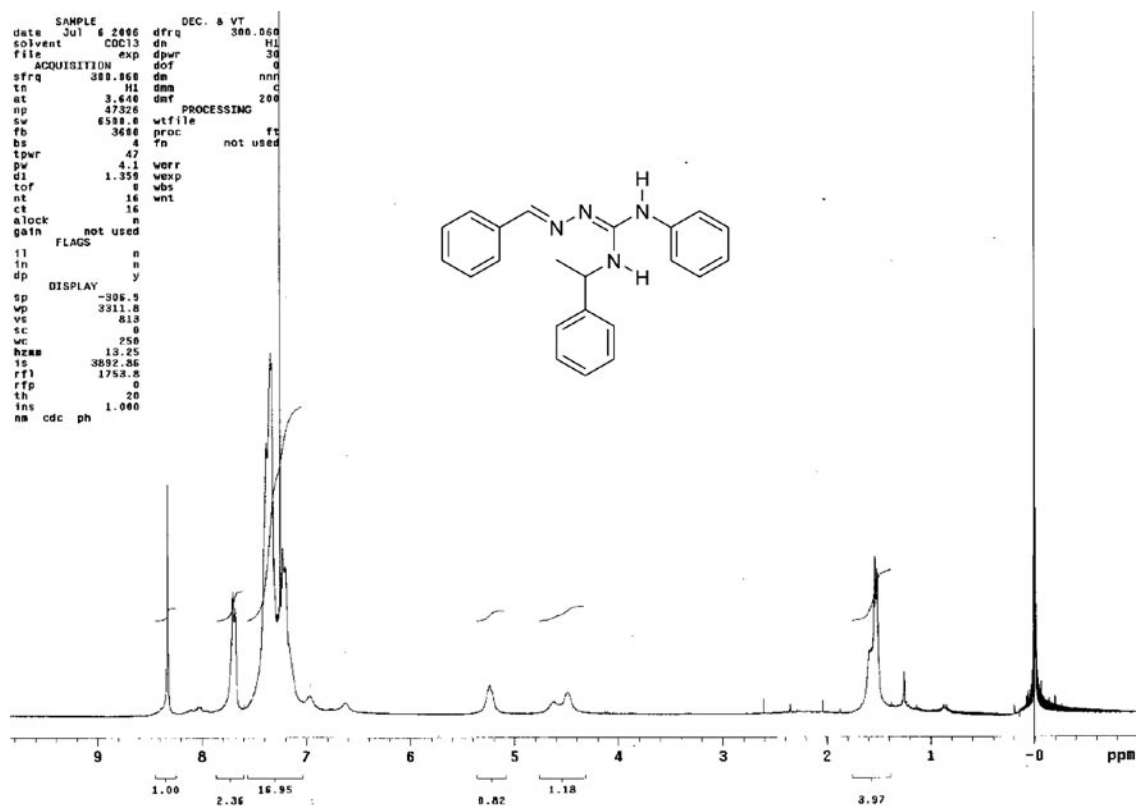
Figure S8. Full ^{13}C NMR spectrum of compound **2d** (CDCl_3).Figure S9. Full ^1H NMR spectrum of compound **2e** (CDCl_3).

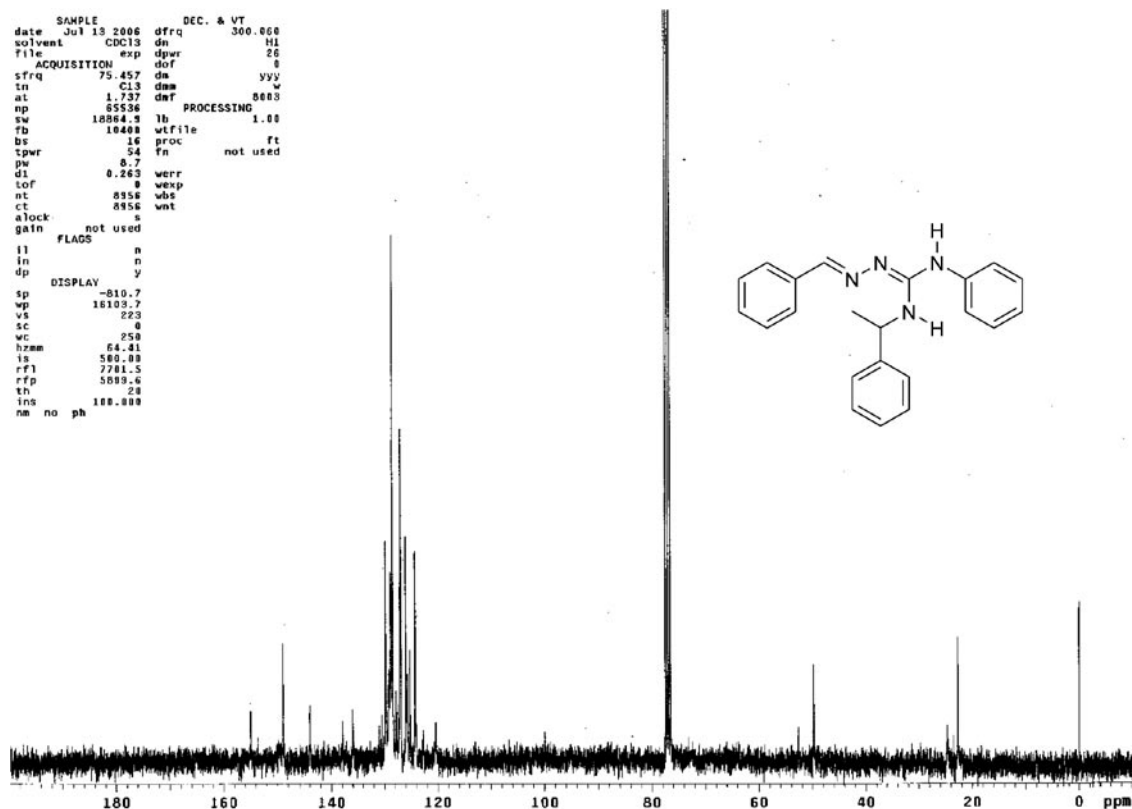
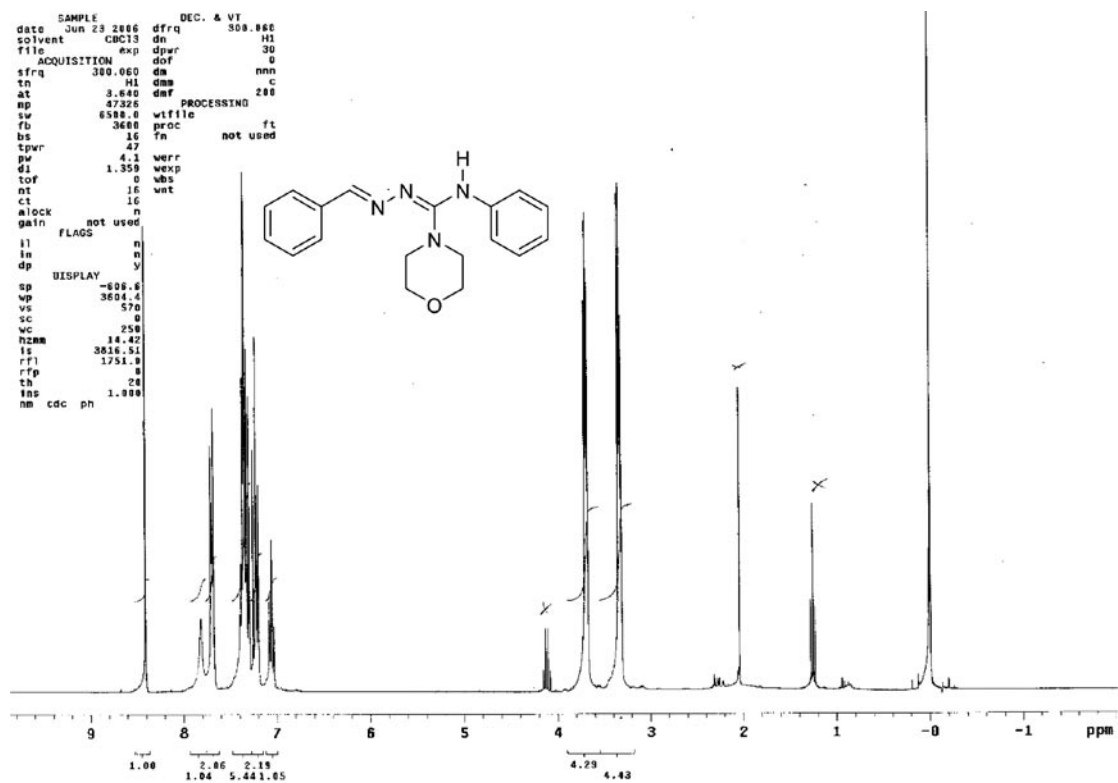
Figure S10. Full ^{13}C NMR spectrum of compound 2e (CDCl_3).Figure S11. Full ^1H NMR spectrum of compound 2f (CDCl_3).

Figure S12. Full ^{13}C NMR spectrum of compound **2f** (CDCl_3).Figure S13. Full ^1H NMR spectrum of compound **2g** (CDCl_3).

Figure S14. Full ^{13}C NMR spectrum of compound 2g (CDCl_3).Figure S15. Full ^1H NMR spectrum of compound 2h (CDCl_3).

Figure S16. Full ^{13}C NMR spectrum of compound 2h (CDCl_3).Figure S17. Full ^1H NMR spectrum of compound 2i (CDCl_3).

Figure S18. Full ^{13}C NMR spectrum of compound 2i (CDCl_3).Figure S19. Full ^1H NMR spectrum of compound 2j (CDCl_3).

Figure S20. Full ^{13}C NMR spectrum of compound **2j** (CDCl_3).Figure S21. Full ^1H NMR spectrum of compound **2k** (CDCl_3).

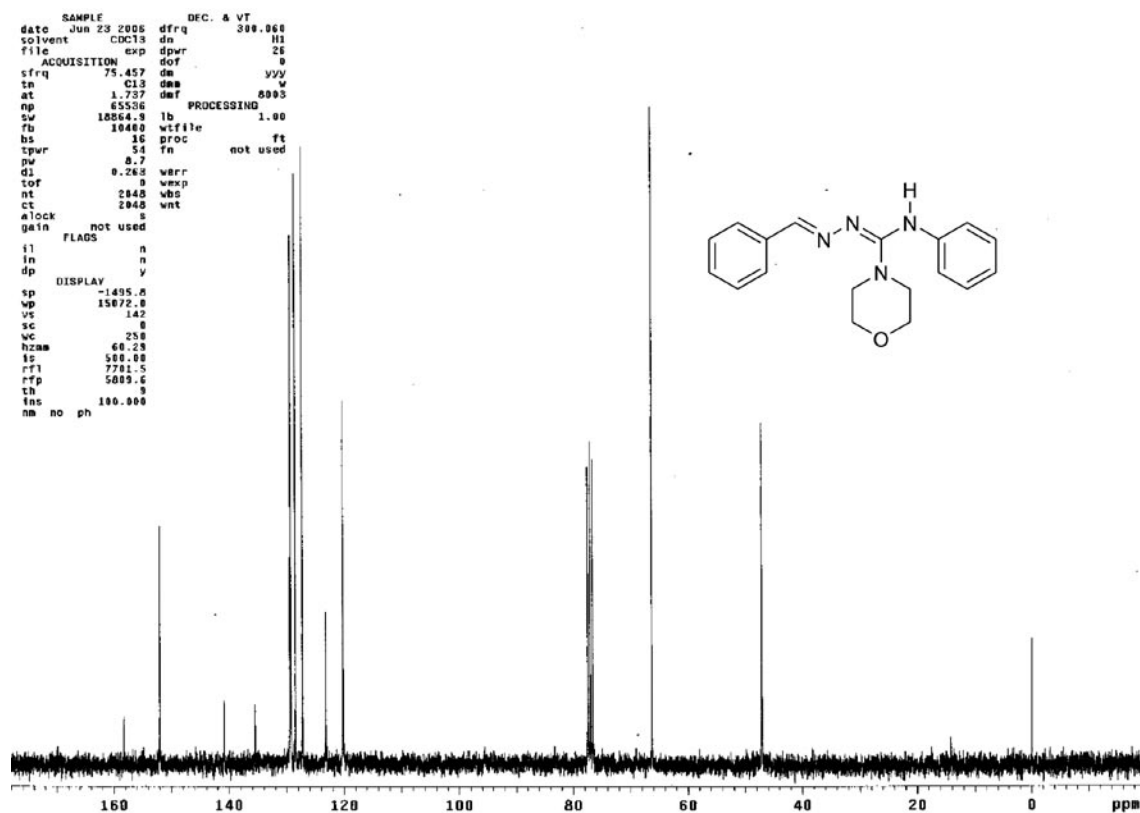


Figure S22. Full ^{13}C NMR spectrum of compound **2k** (CDCl_3).