

Supplementary Materials: Rational Design and Synthesis of New, High Efficiency, Multipotent Schiff Base-1,2,4-triazole Antioxidants Bearing Butylated Hydroxytoluene Moieties

Wageeh A Yehye, Noorsaadah Abdul Rahman , Omar Saad, Azhar Ariffin, Sharifah Bee Abd Hamid, Abeer A. Alhadi , Farkaad A. Kadir, Marzieh Yaeghoobi and Abdulsalam A. Matlob

Appendix A

^1H NMR

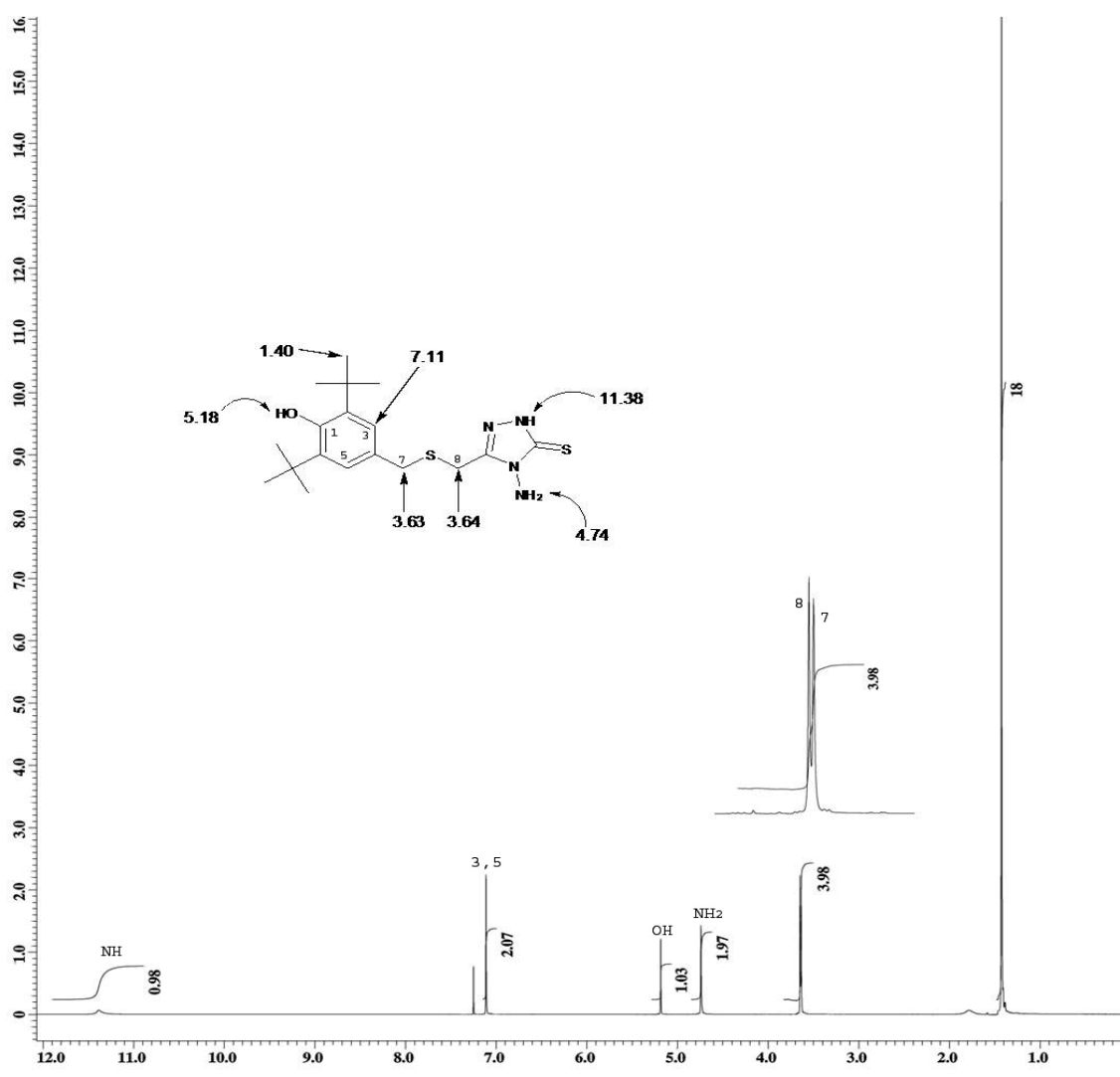
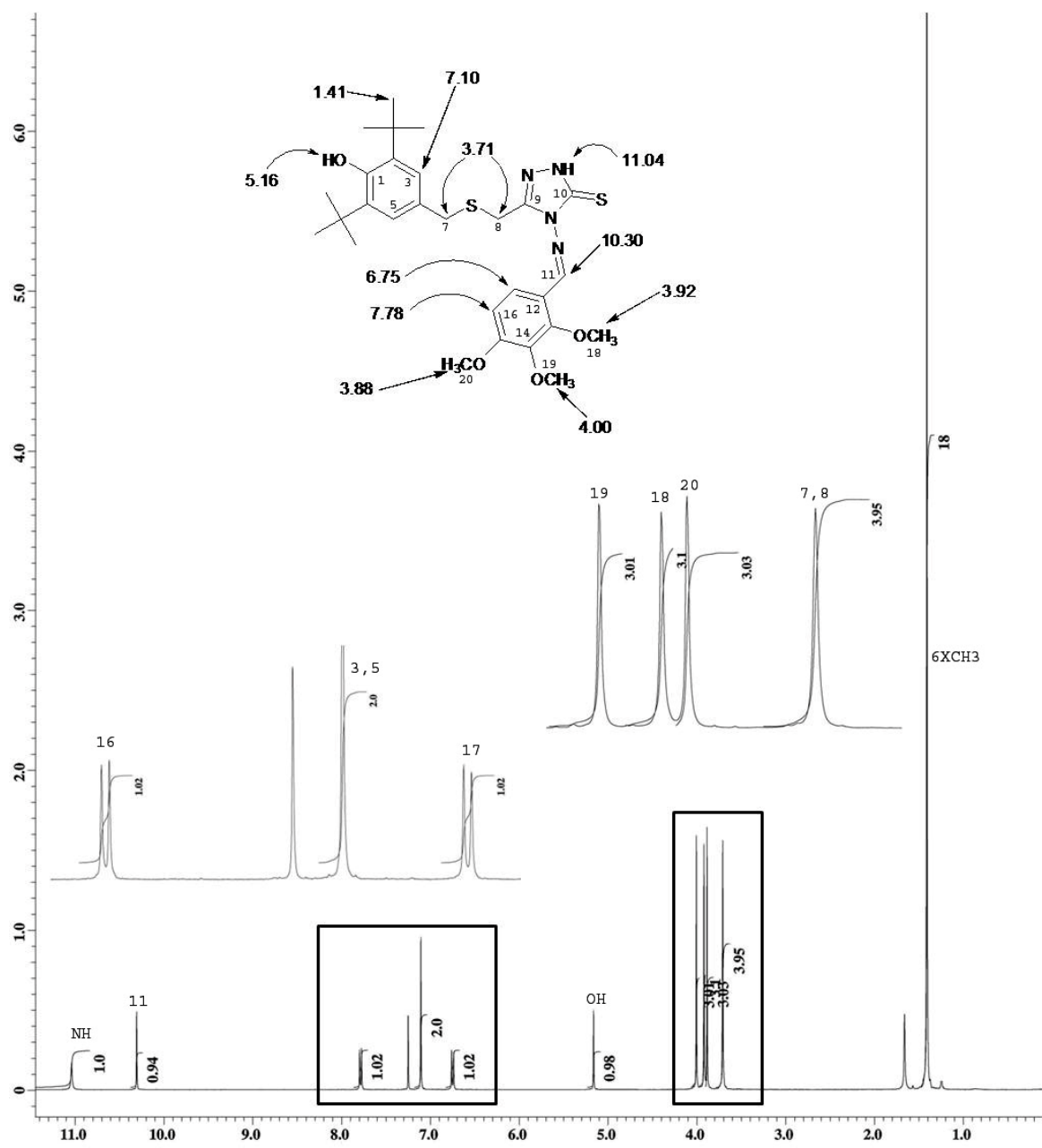
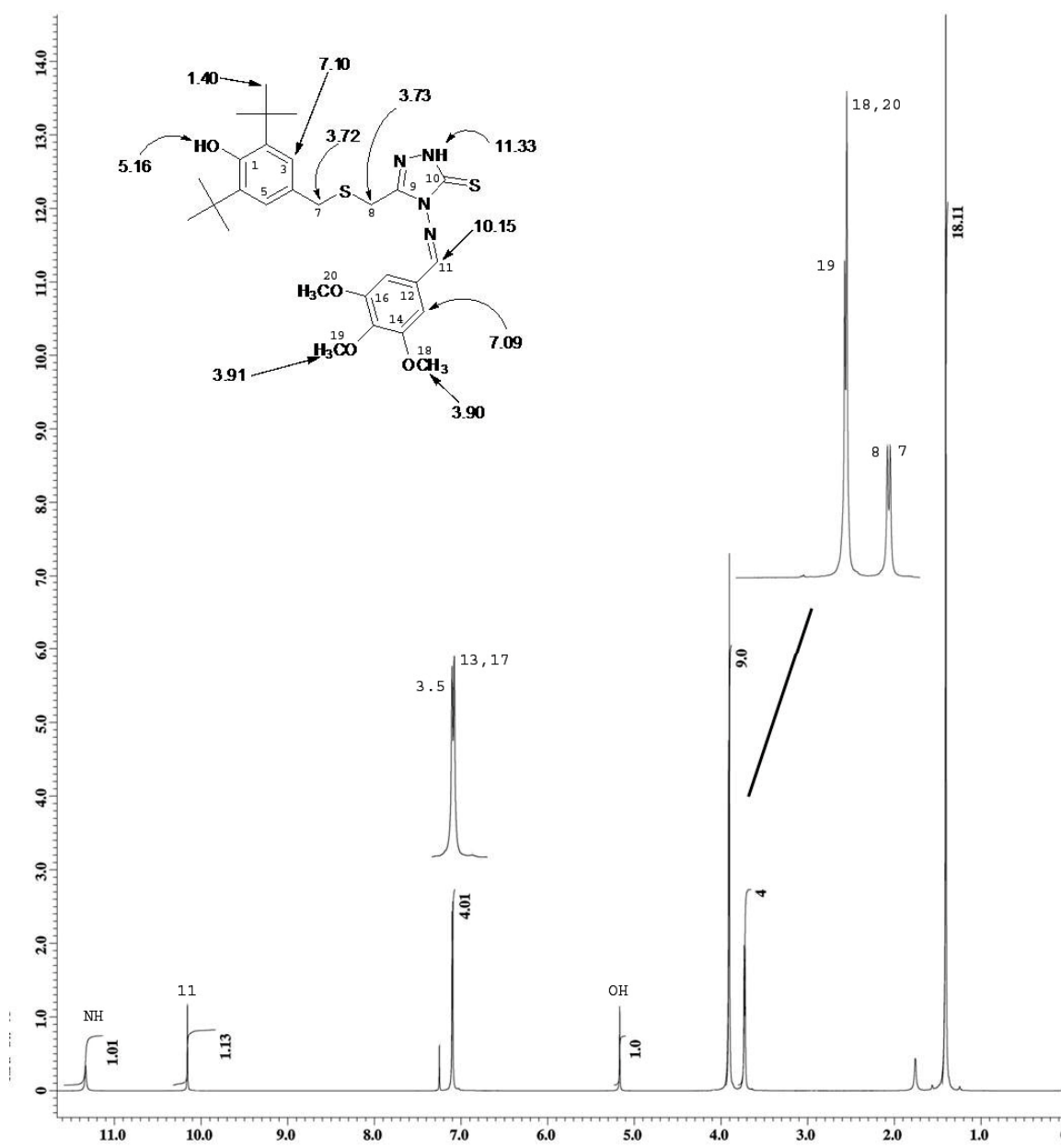
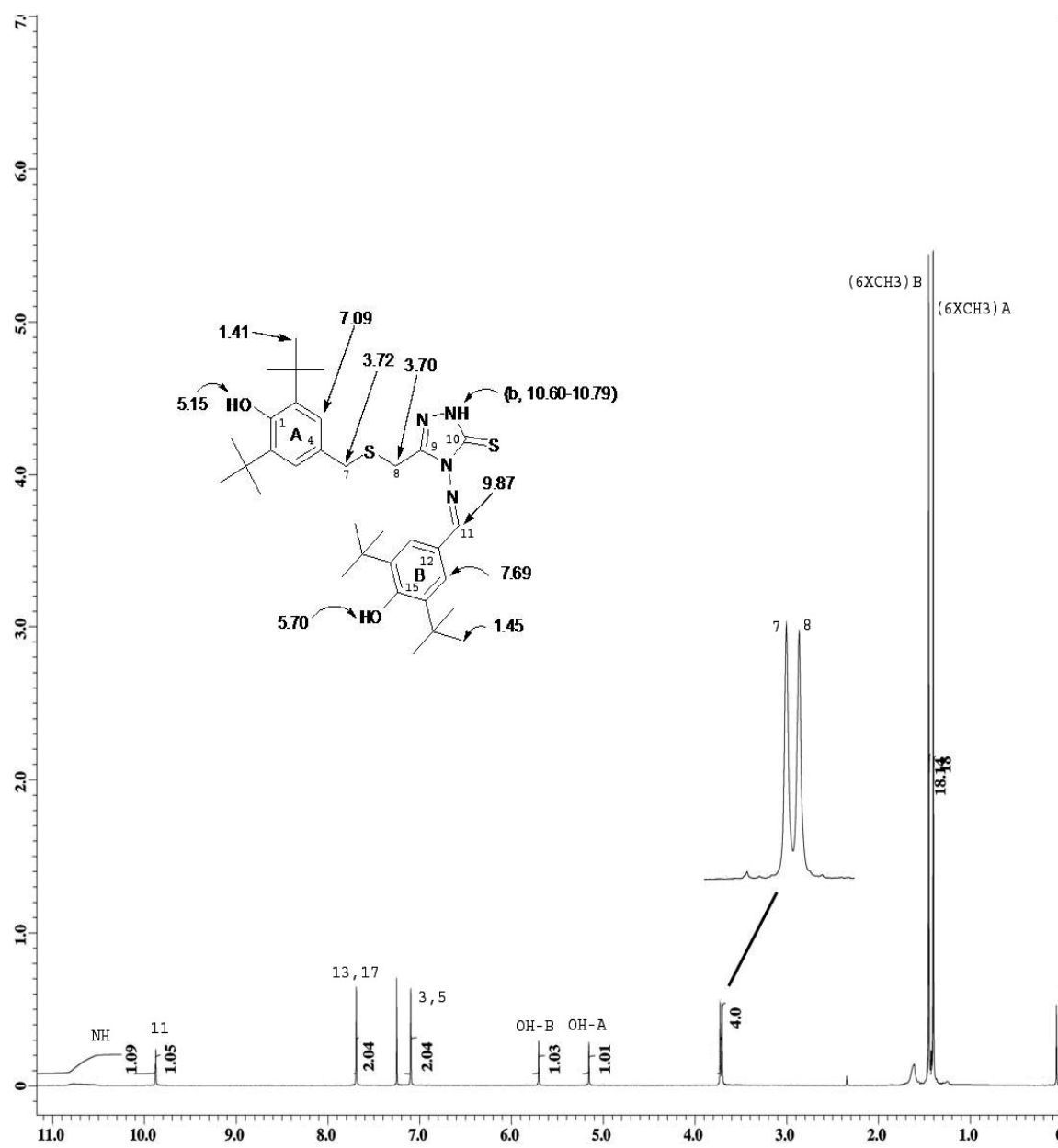
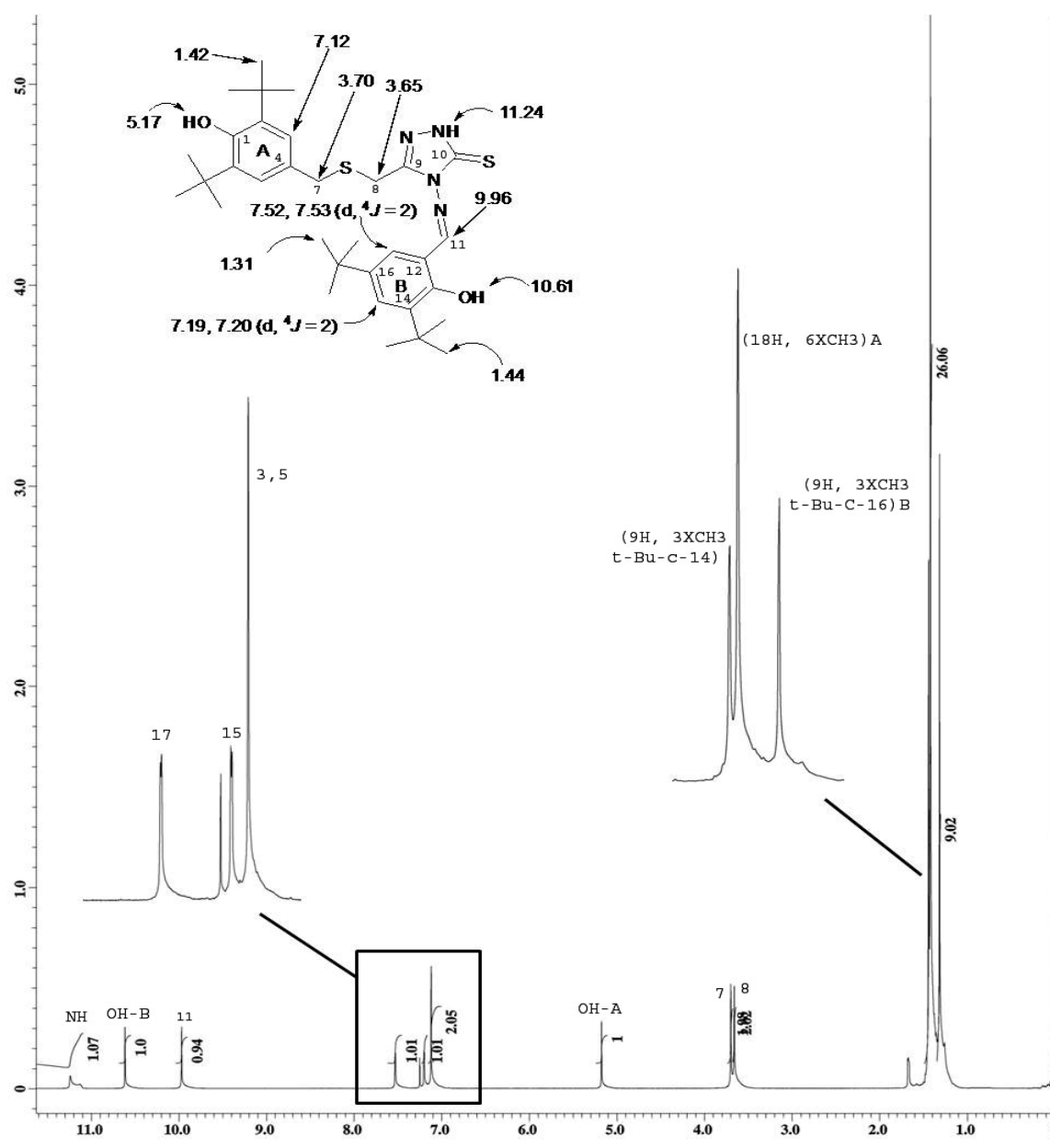


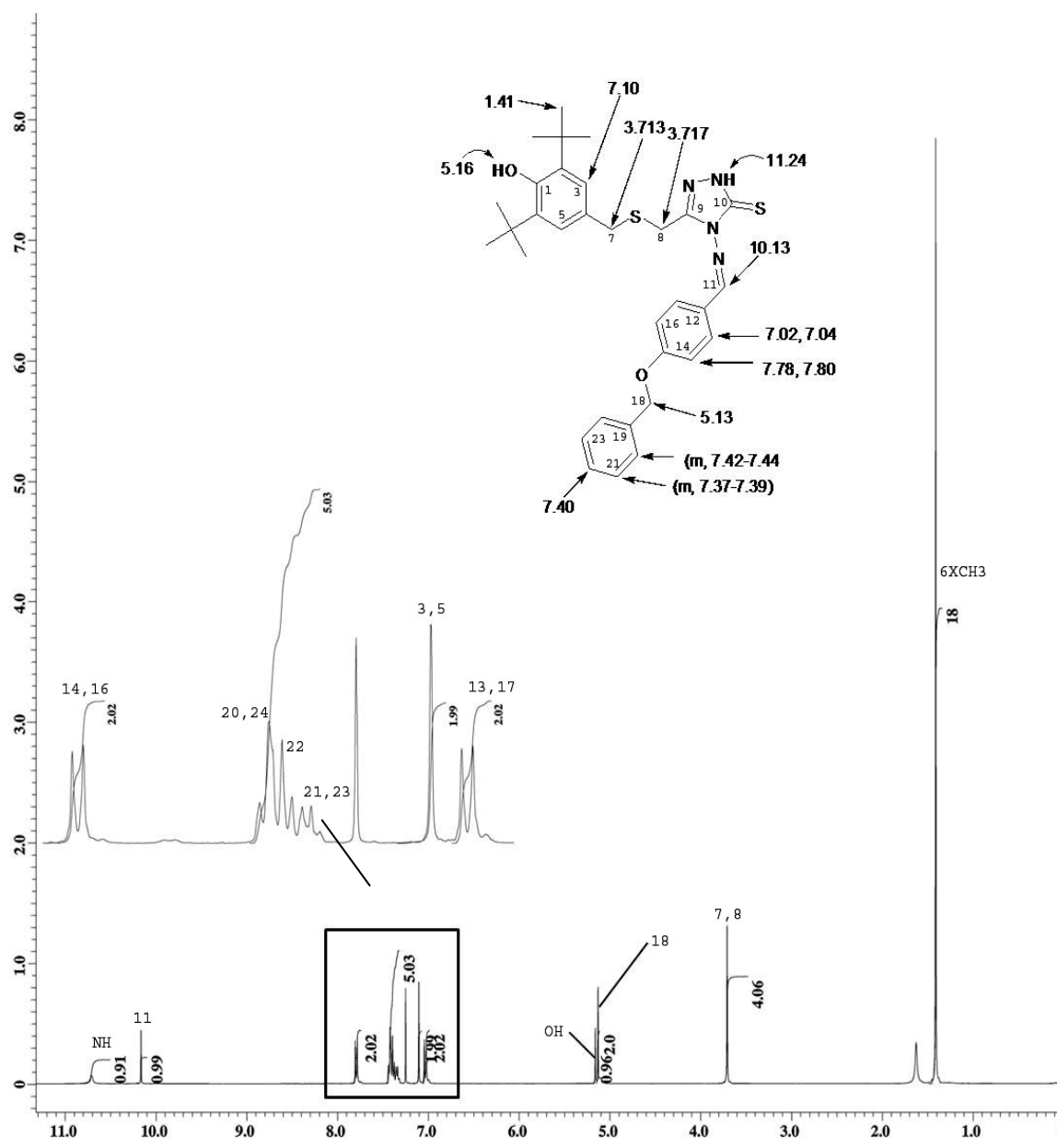
Figure S1. ^1H spectrum (CDCl_3 , 400 MHz) of 3.

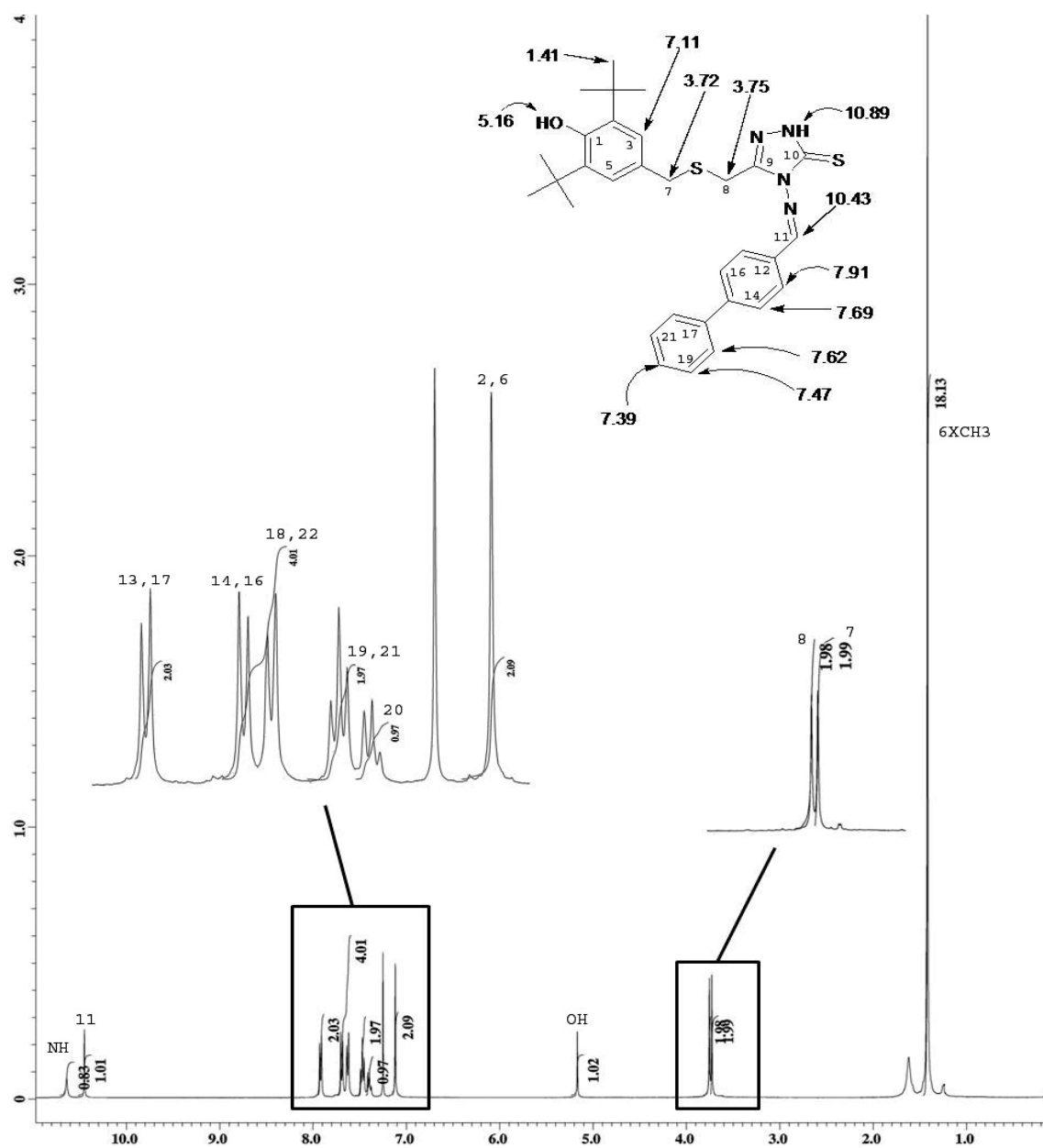
Figure S2. ^1H spectrum (CDCl_3 , 400 MHz) of **4**.

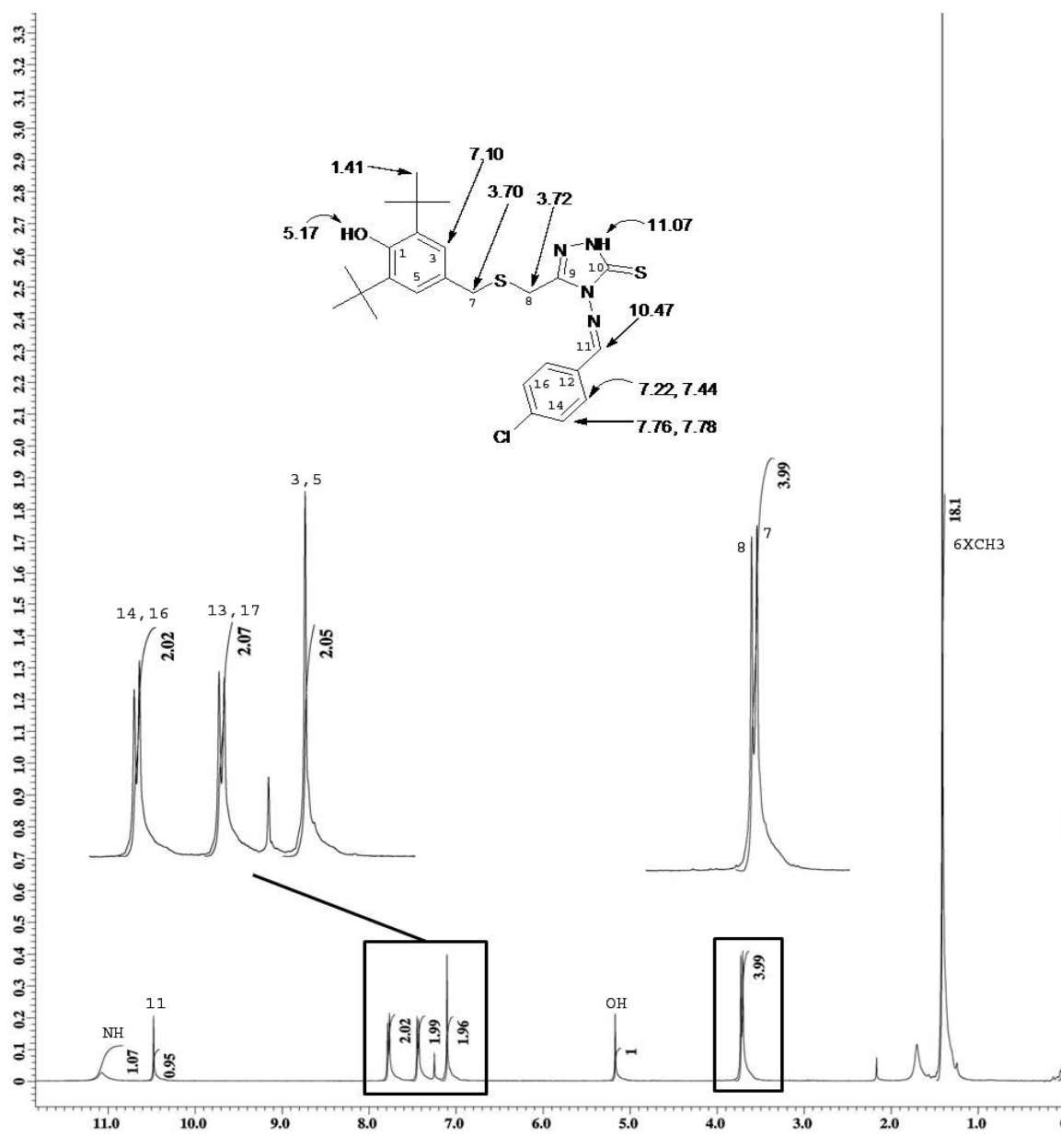
Figure S3. ^1H spectrum (CDCl₃, 400 MHz) of 5.

Figure S4. ^1H spectrum (CDCl_3 , 400 MHz) of **6**.

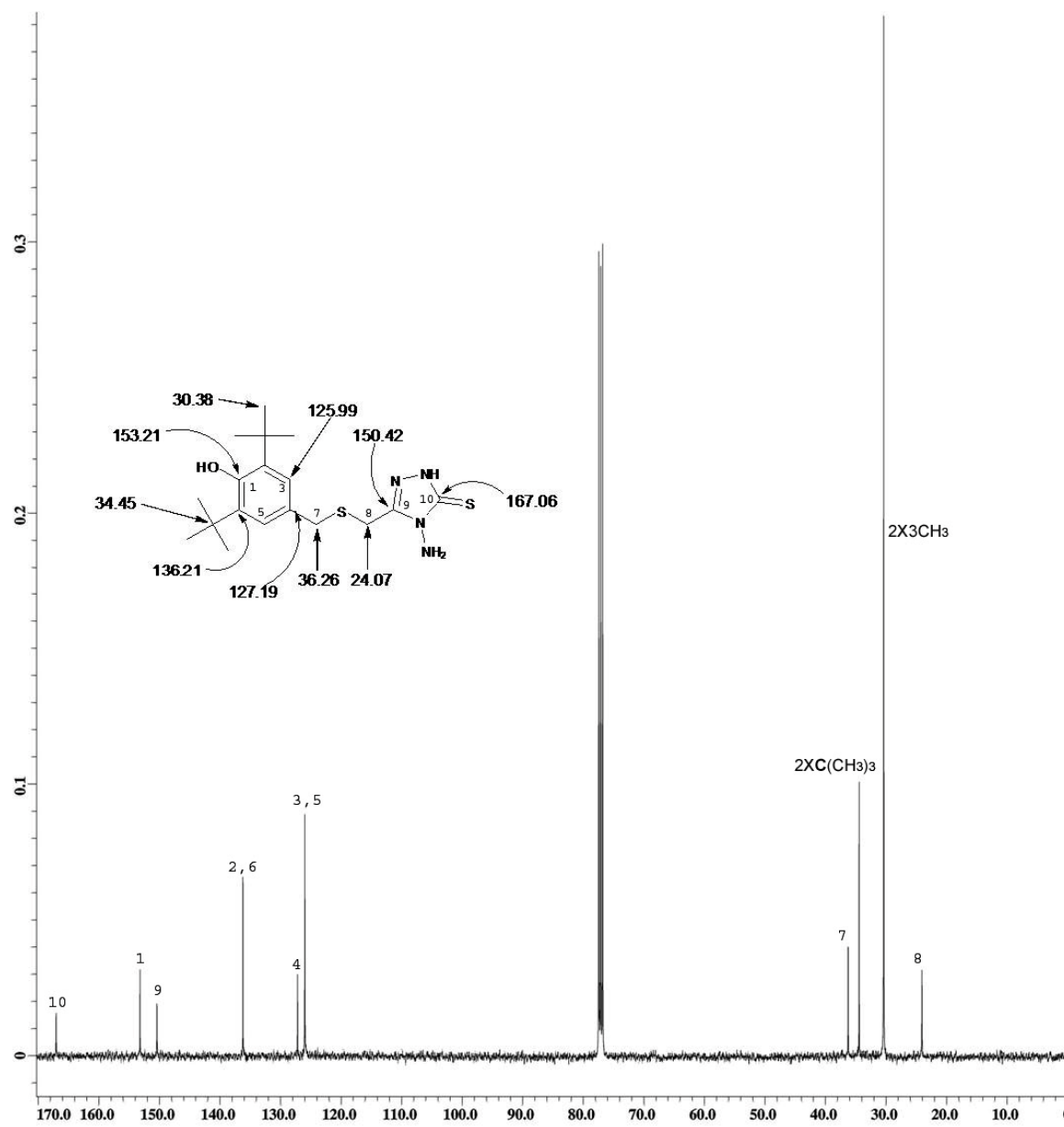
Figure S5. ^1H spectrum (CDCl_3 , 400 MHz) of 7.

Figure S6. ^1H spectrum (CDCl_3 , 400 MHz) of 8.

Figure S7. ^1H spectrum (CDCl_3 , 400 MHz) of 9.

Figure S8. ^1H spectrum (CDCl_3 , 400 MHz) of 10.

Appendix B

 ^{13}C NMRFigure S9. ^{13}C spectrum (CDCl_3 , 100 MHz) of 3.

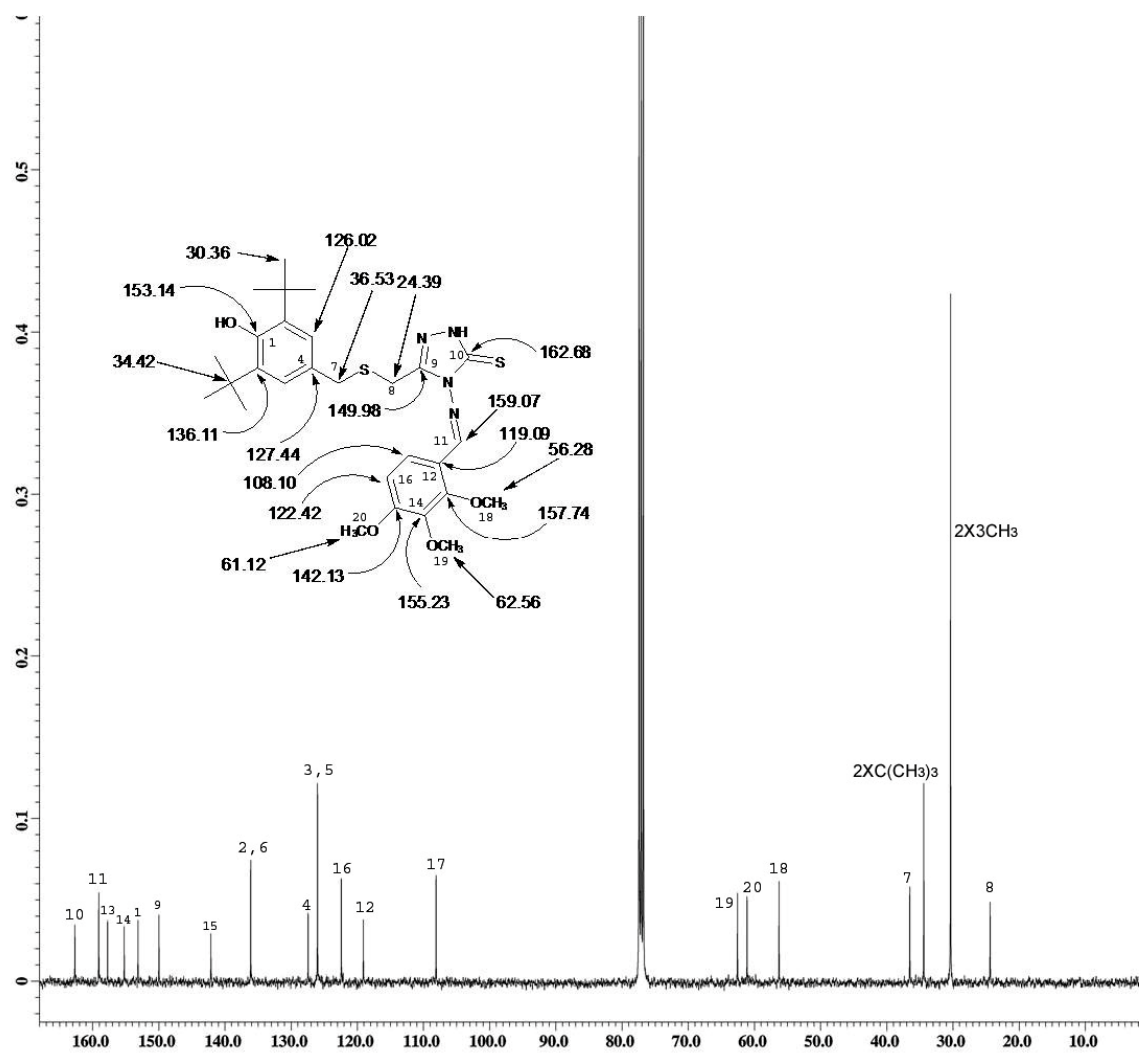
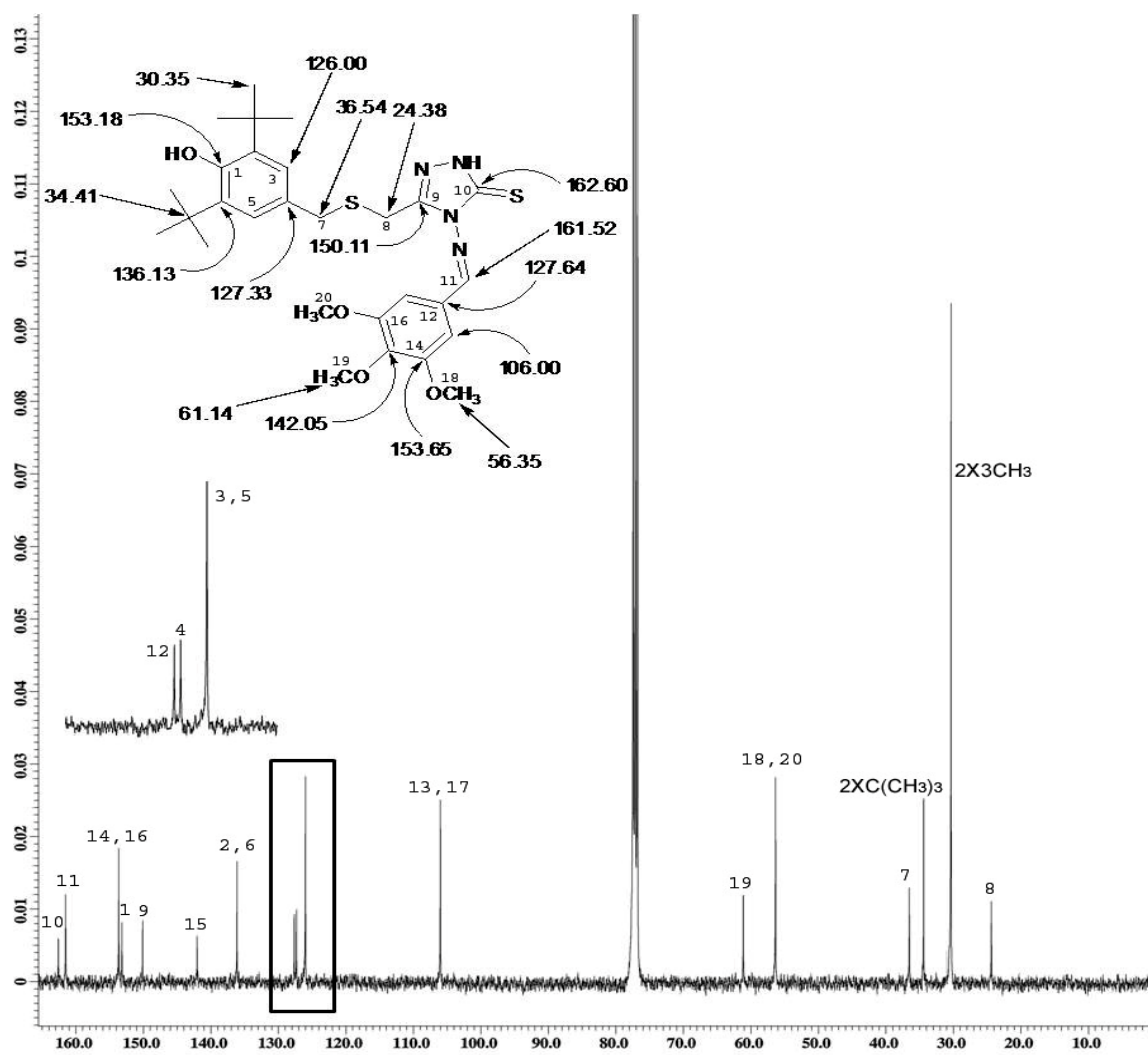


Figure S10. ^{13}C spectrum (CDCl₃, 100 MHz) of 4.

Figure S11. ^{13}C spectrum (CDCl_3 , 100 MHz) of 5.

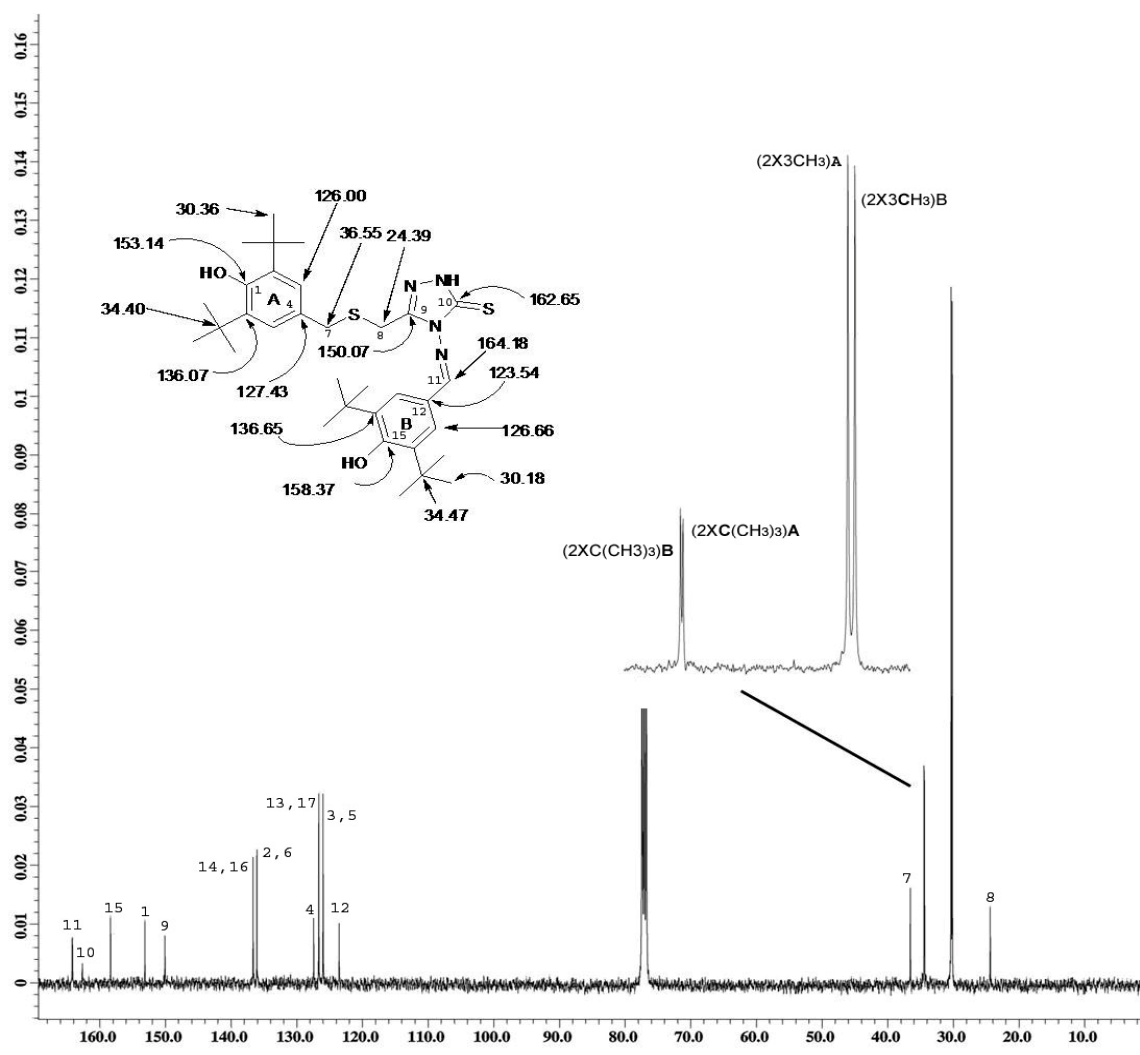
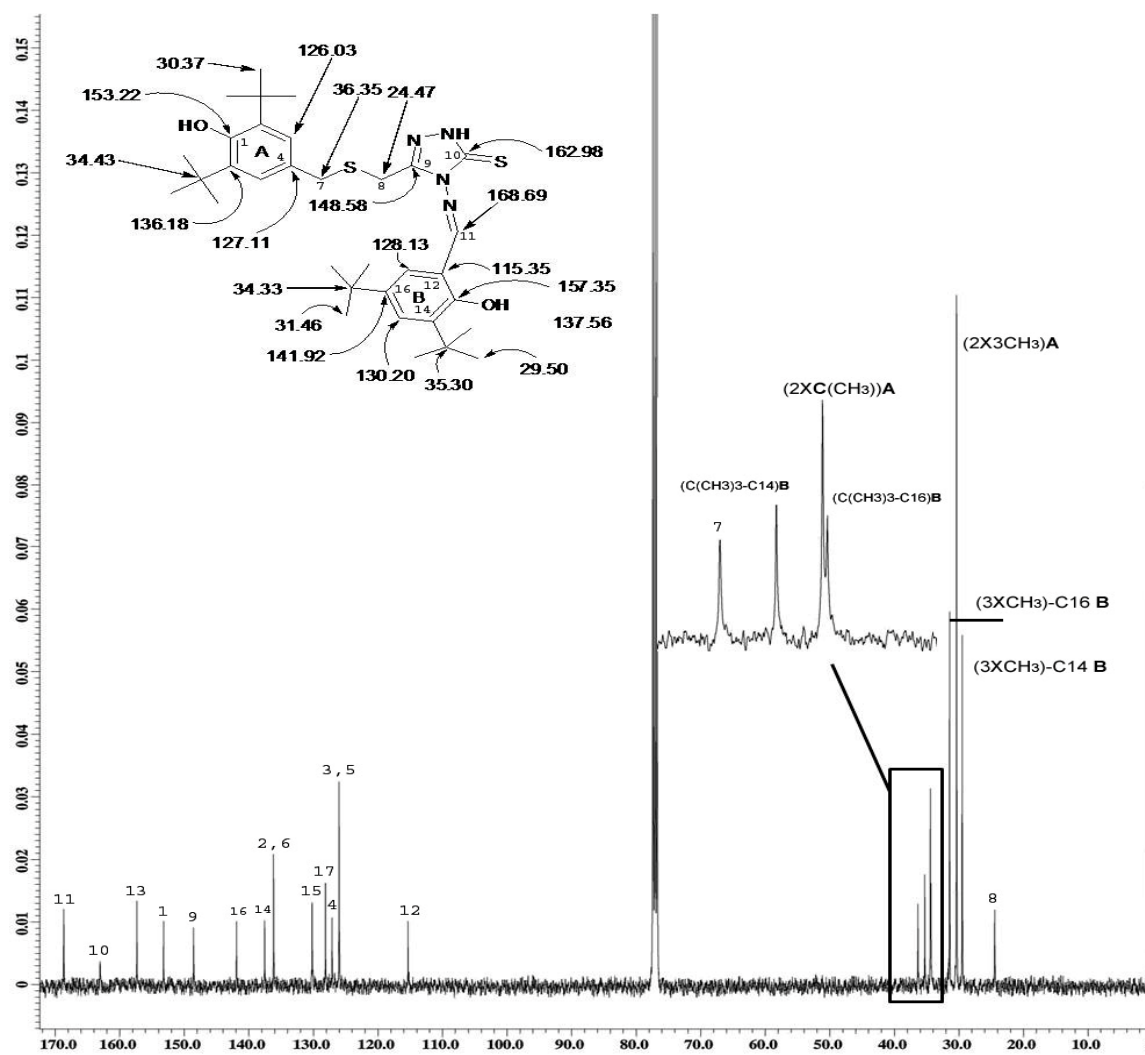
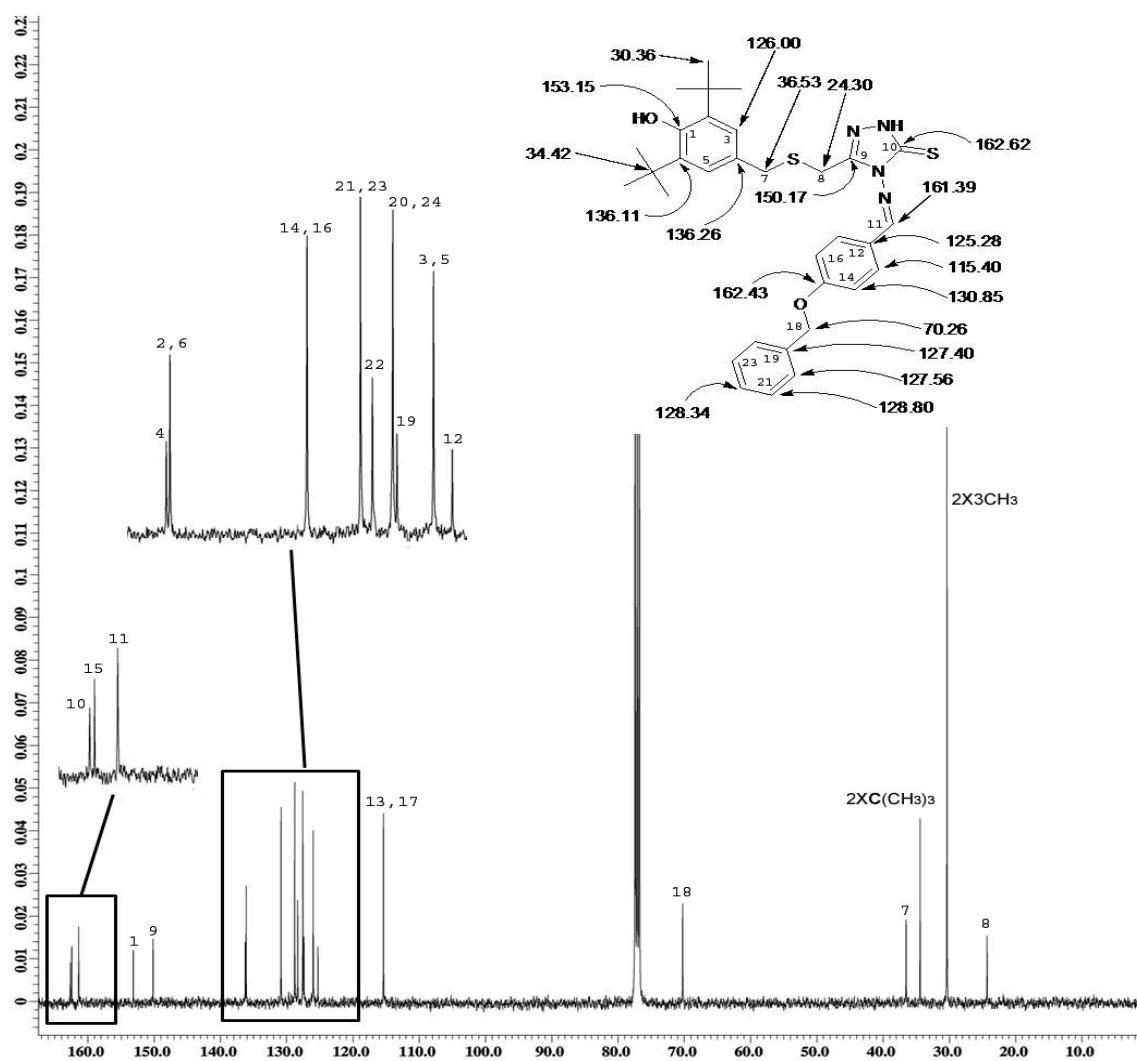
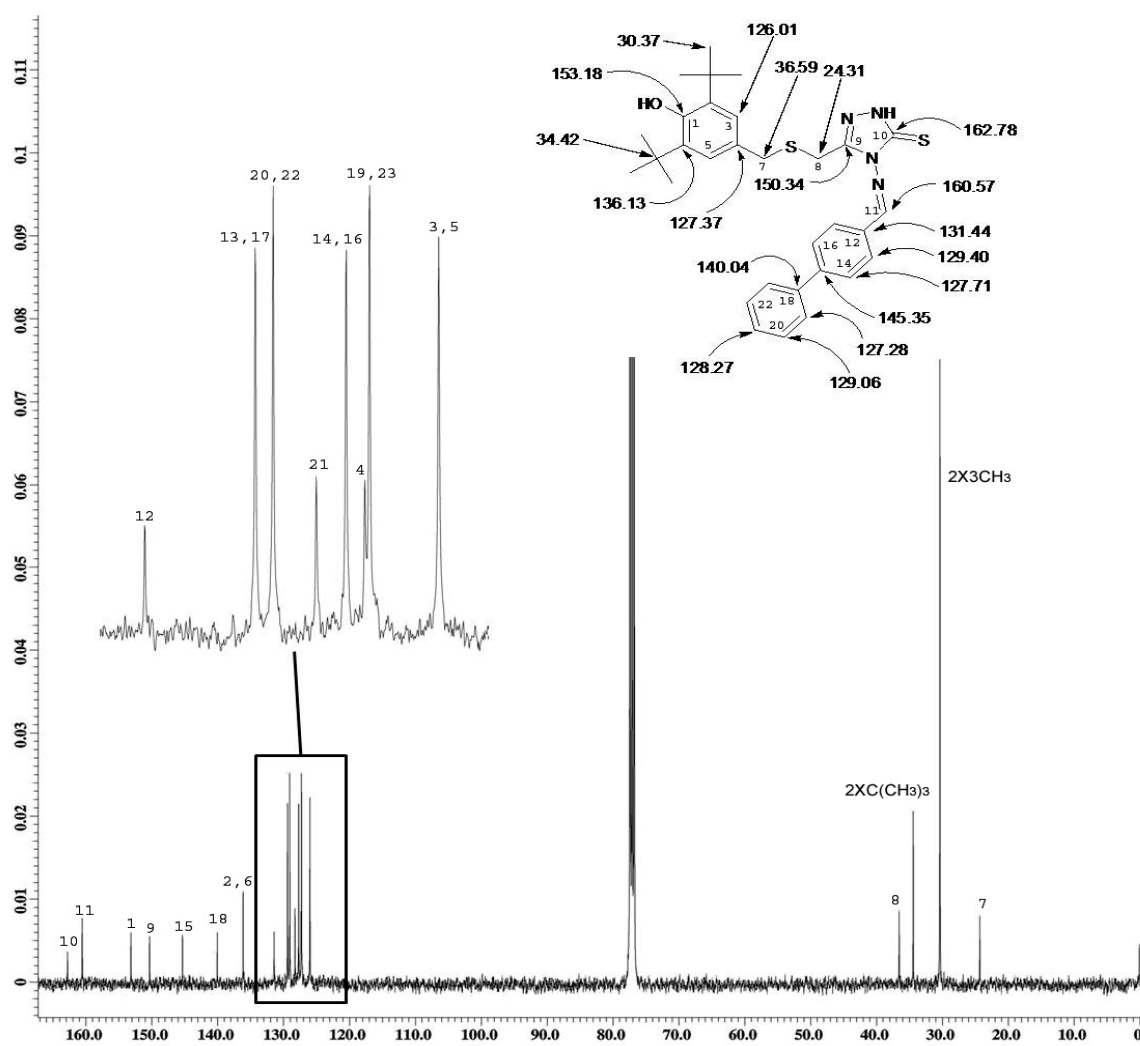
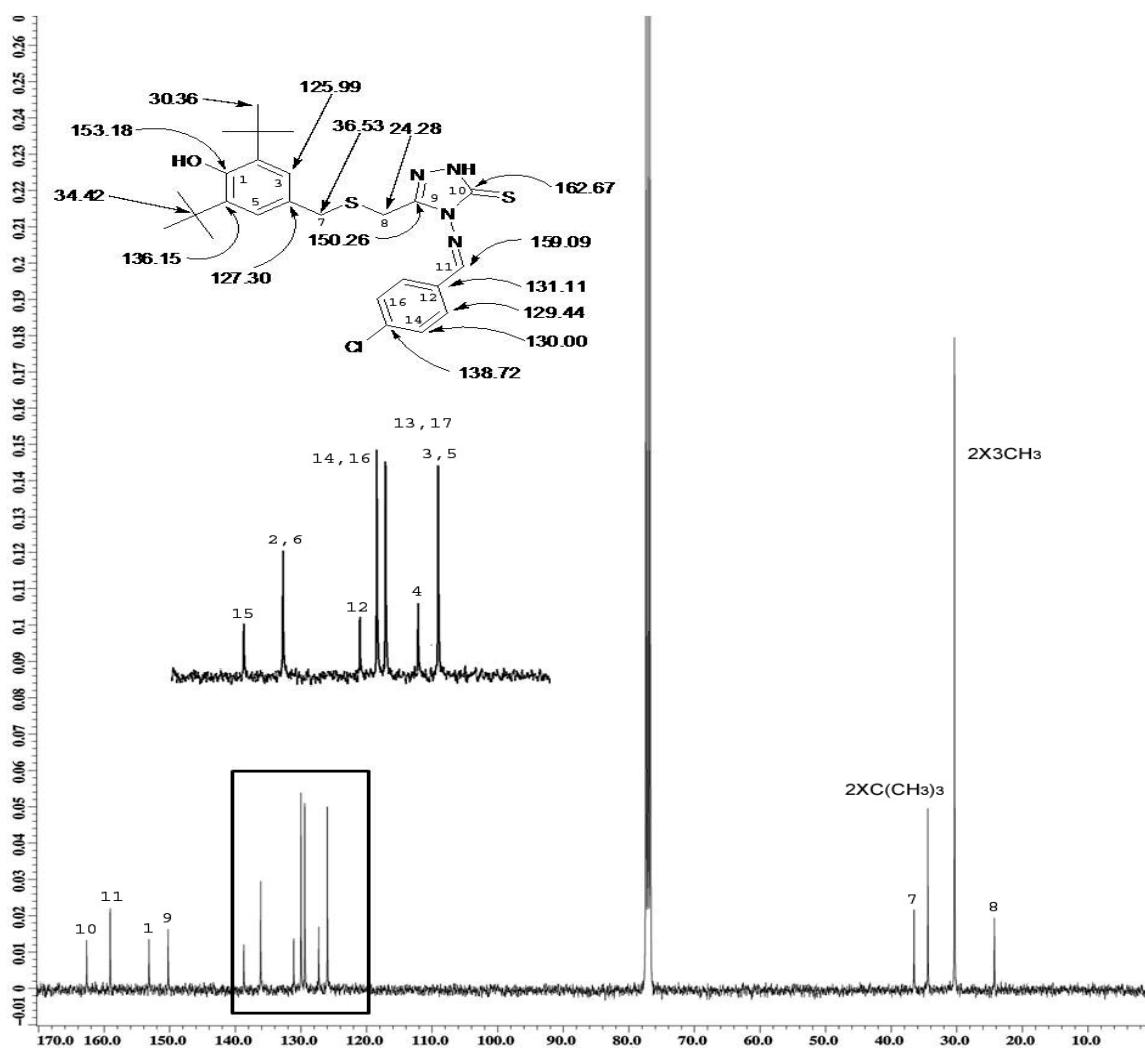


Figure S12. ^{13}C spectrum (CDCl_3 , 100 MHz) of 6.

Figure S13. ^{13}C spectrum (CDCl_3 , 100 MHz) of 7.

Figure S14. ^{13}C spectrum (CDCl_3 , 100 MHz) of 8.

Figure S15. ^{13}C spectrum (CDCl_3 , 100 MHz) of 9.

Figure S16. ^{13}C spectrum (CDCl_3 , 100 MHz) of 10.