

Supplementary Materials: Gold-catalyzed addition of β -ketoesters to alkenes. Influence of electronic and steric effects in the reaction outcome.

Agustina La-Venia, Mirta P. Mischne, and Ernesto G. Mata

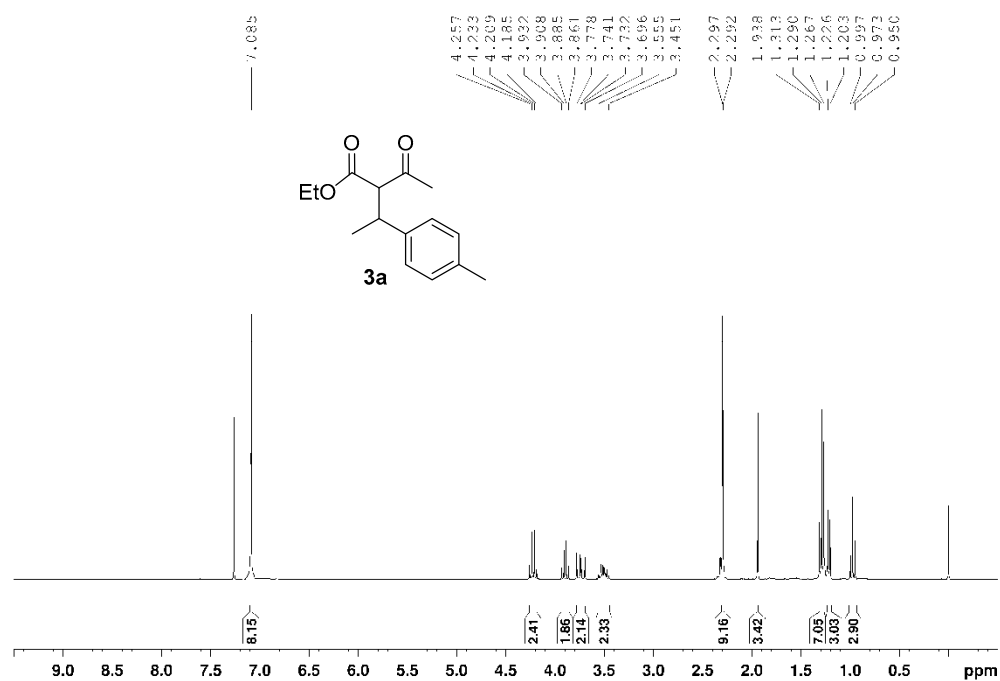


Figure S1. ¹H NMR of compound **3a** in CDCl₃.

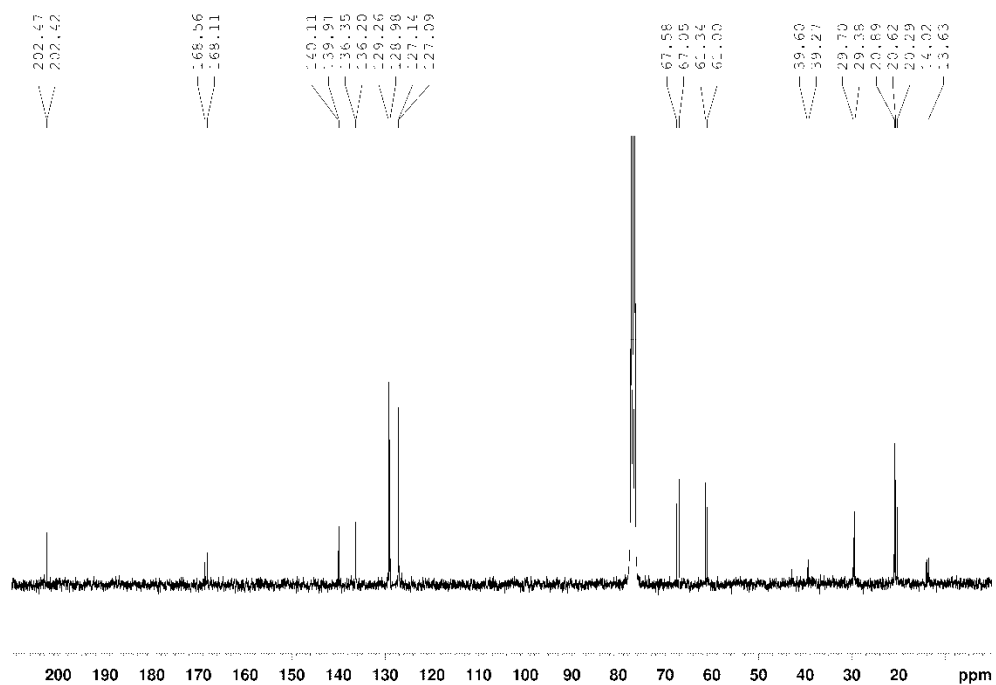
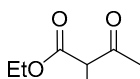


Figure S2. ¹³C NMR of compound **3a** in CDCl₃.



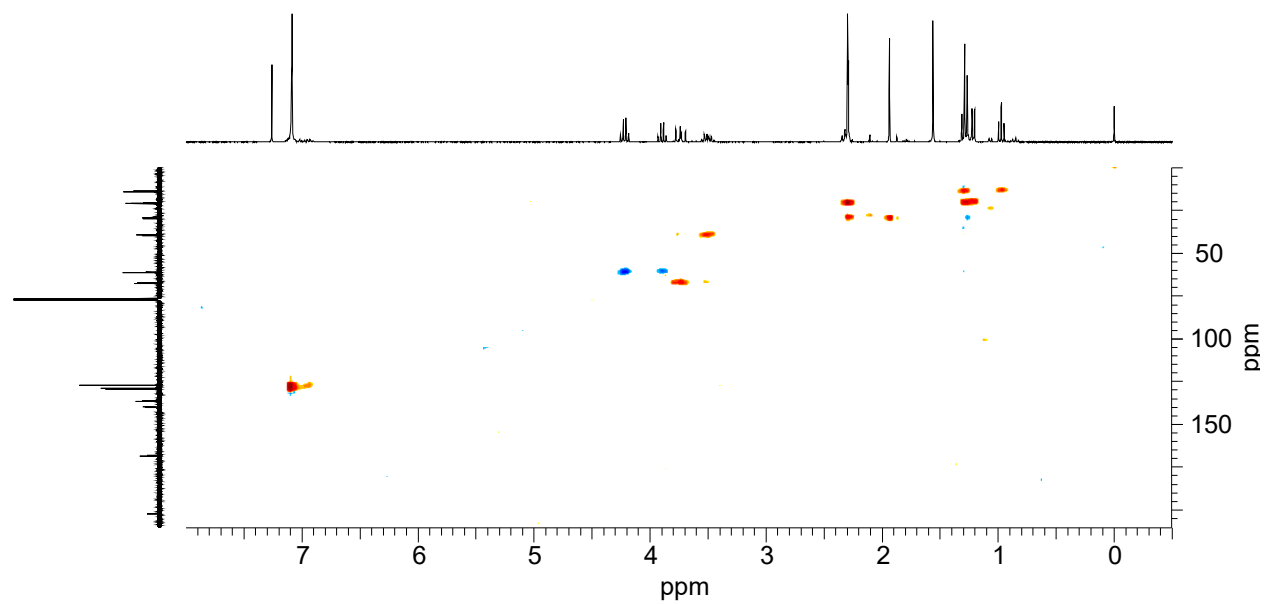


Figure S3. HSQC NMR of compound **3a** in CDCl_3 .

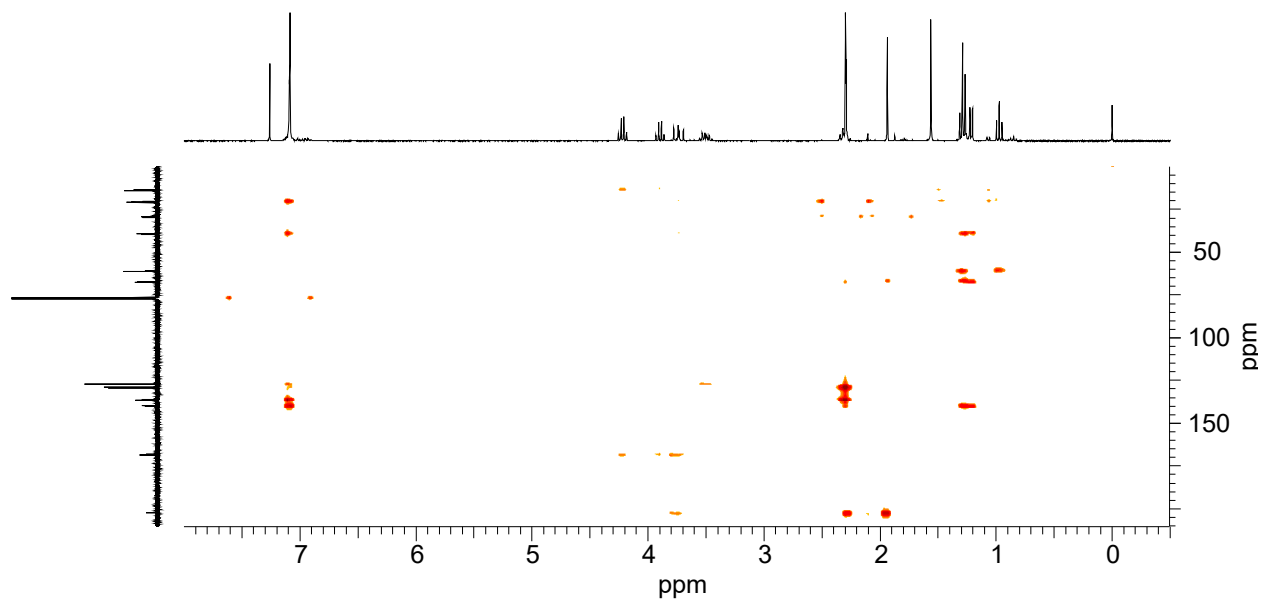


Figure S4. HMBC NMR of compound **3a** in CDCl_3 .

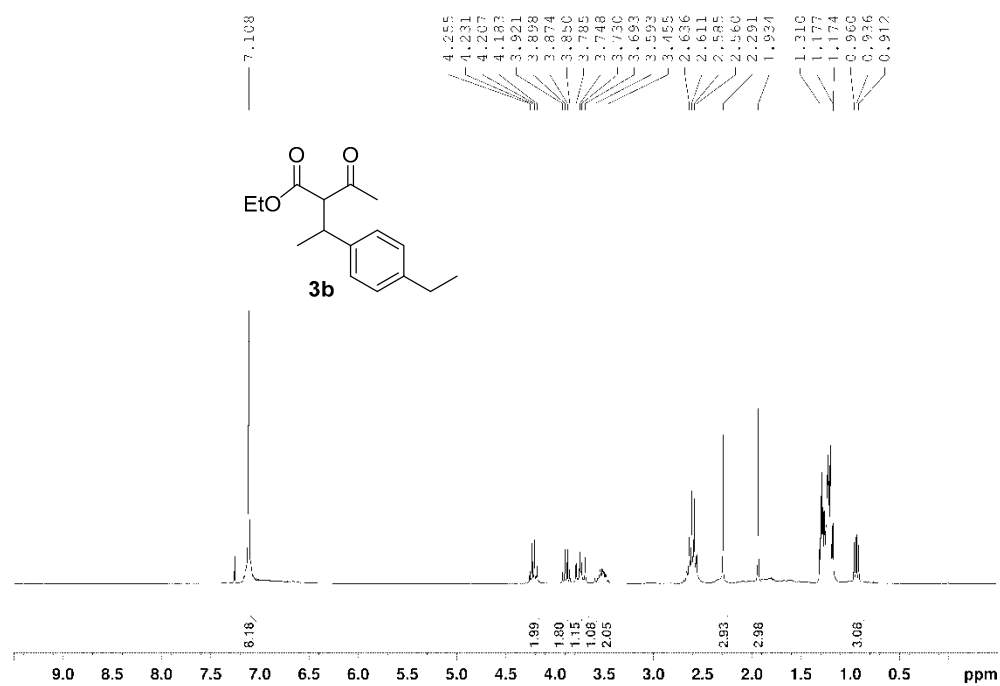


Figure S5. ¹H NMR of compound **3b** in CDCl₃.

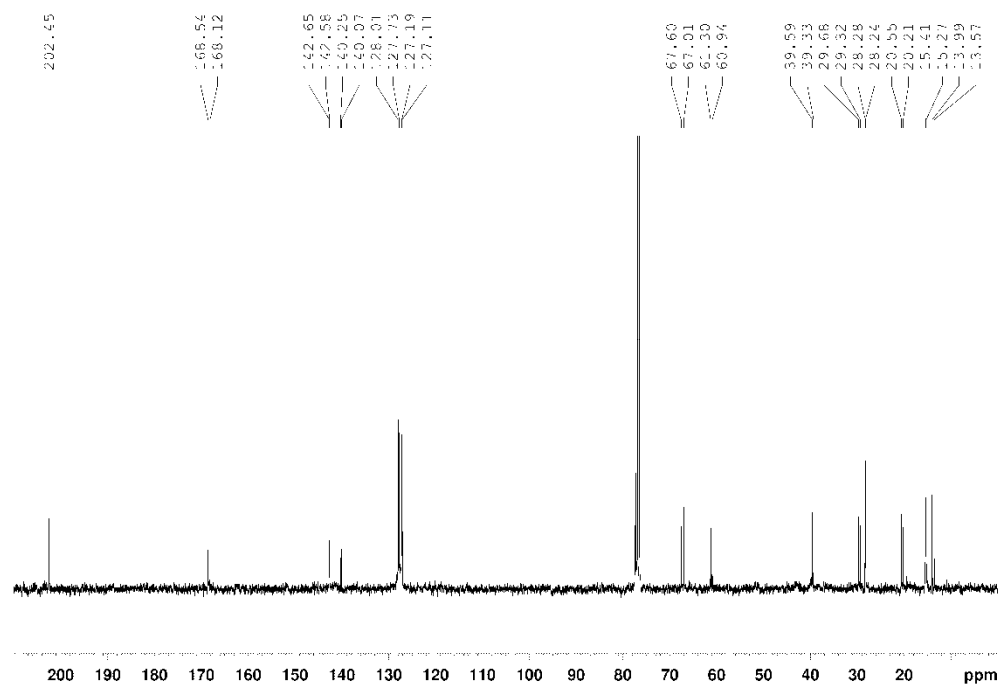


Figure S6. ¹³C NMR of compound **3b** in CDCl₃.

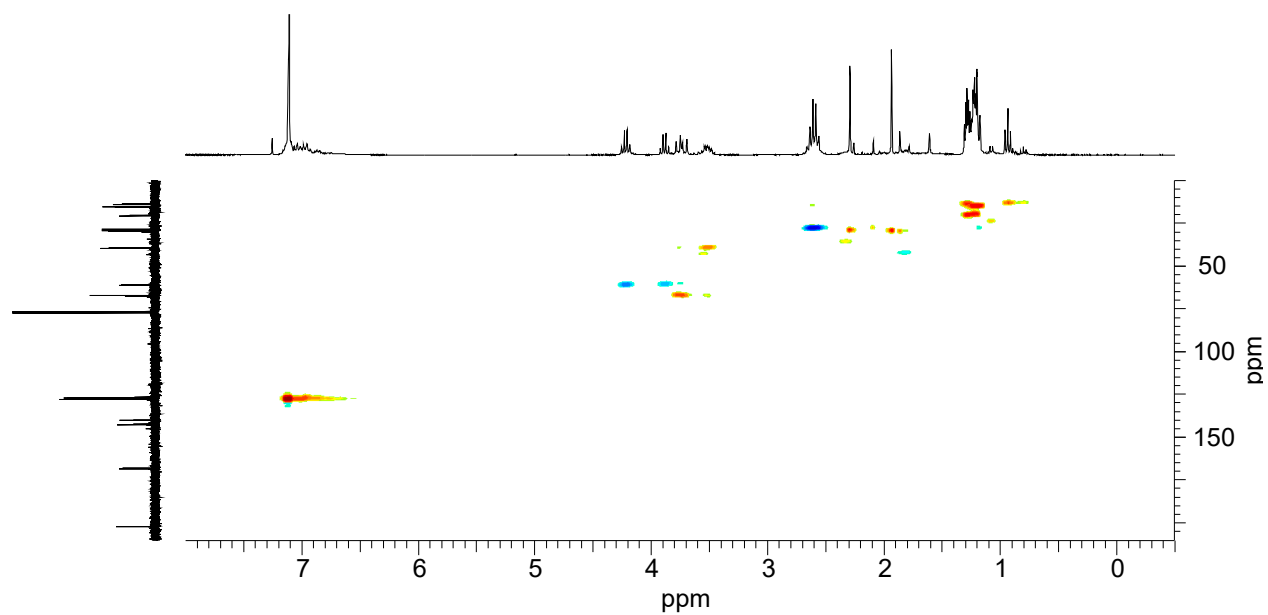


Figure S7. HSQC NMR of compound **3b** in CDCl_3 .

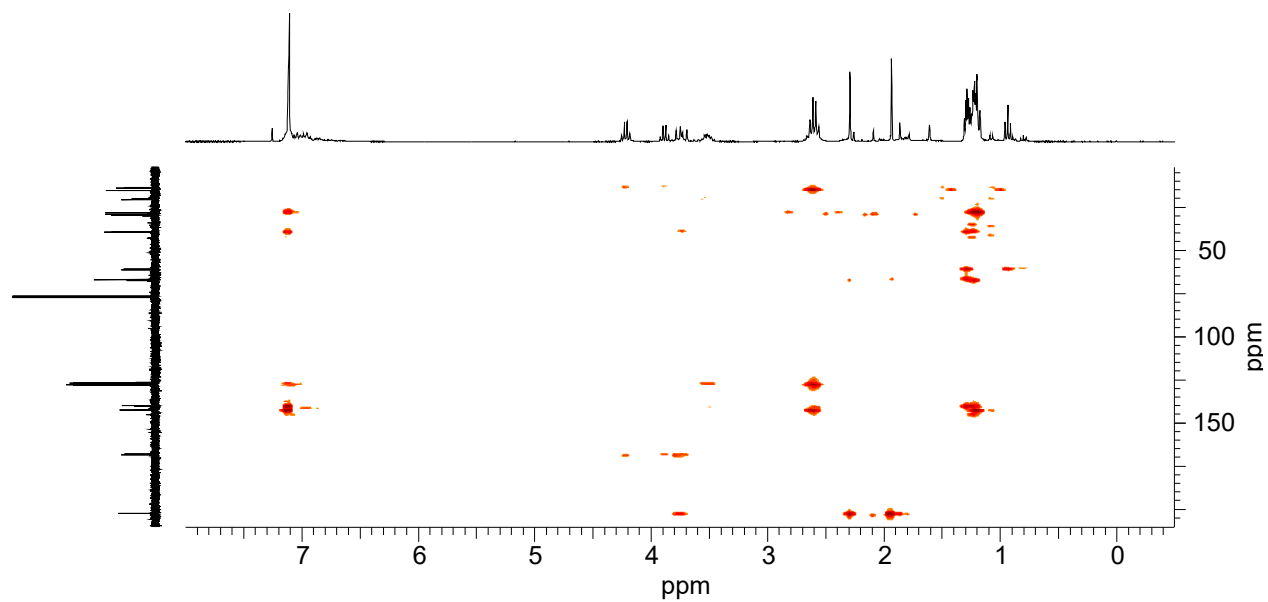


Figure S8. HMBC NMR of compound **3b** in CDCl_3 .

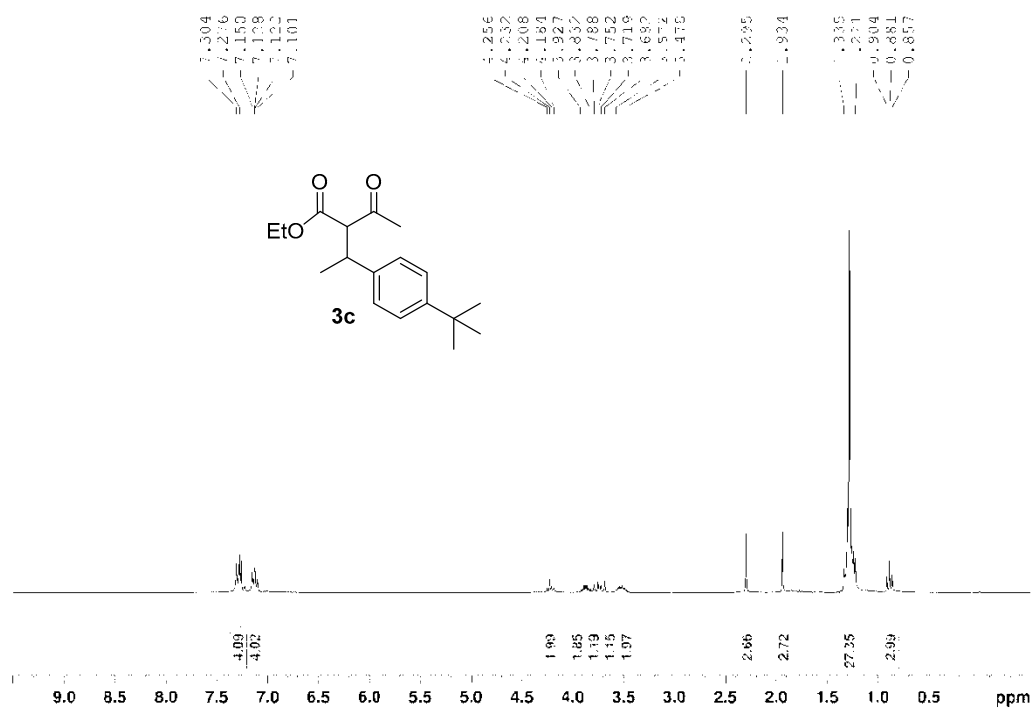


Figure S9. ¹H NMR of compound **3c** in CDCl₃.

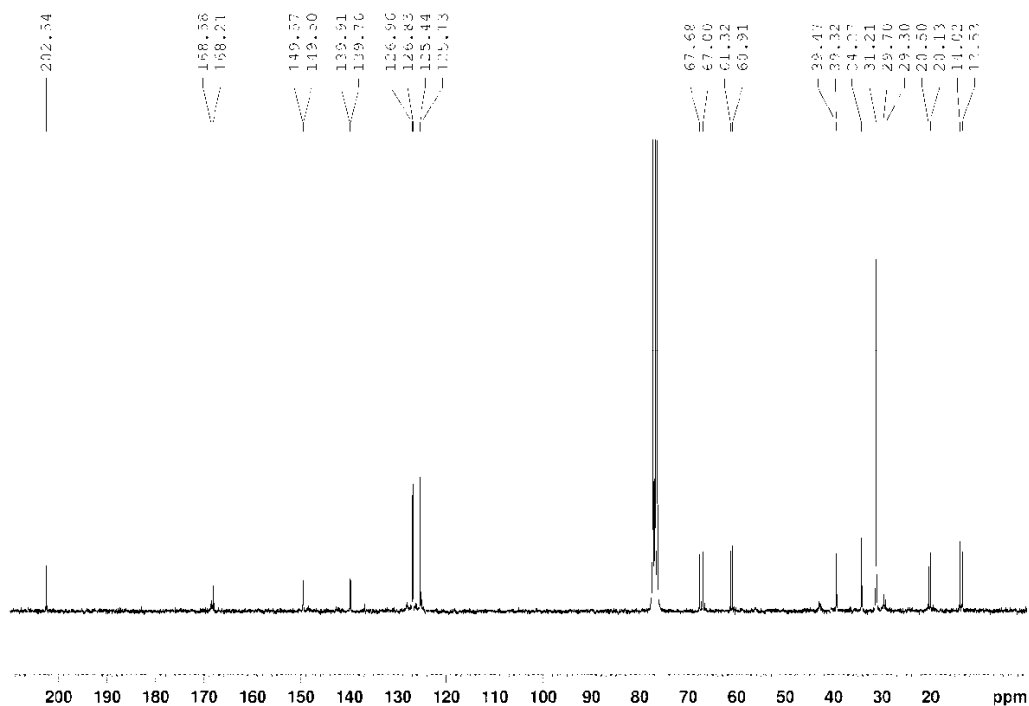


Figure S10. ¹³C NMR of compound **3c** in CDCl₃.

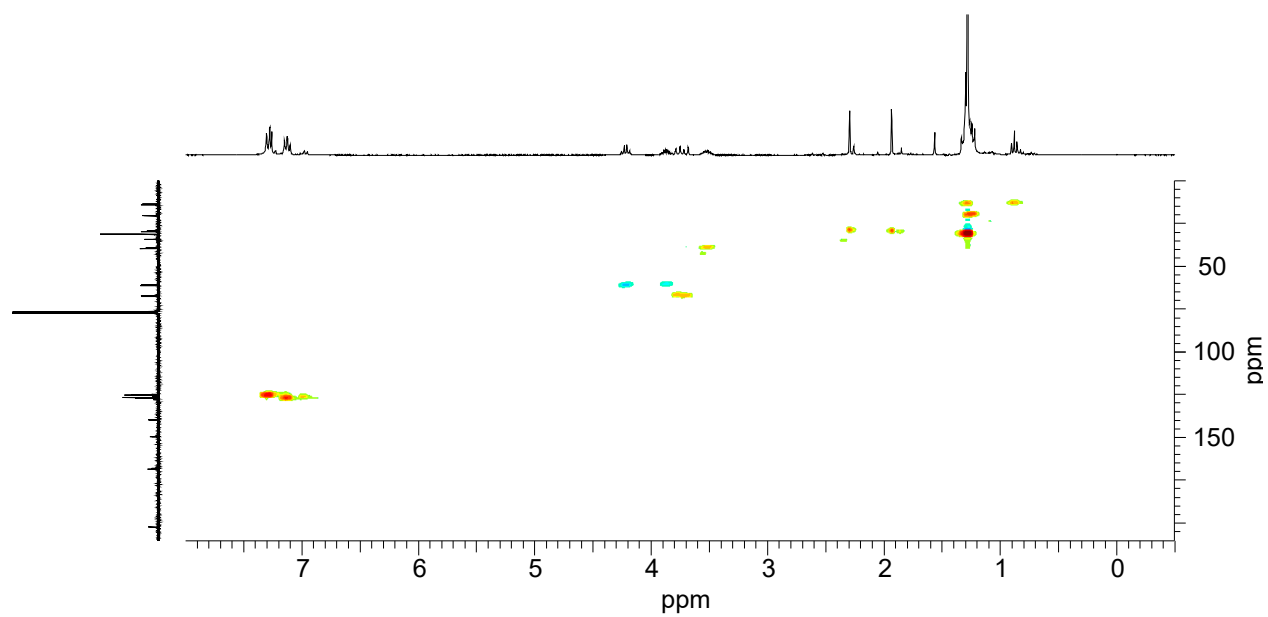


Figure S11. HSQC NMR of compound **3c** in CDCl₃.

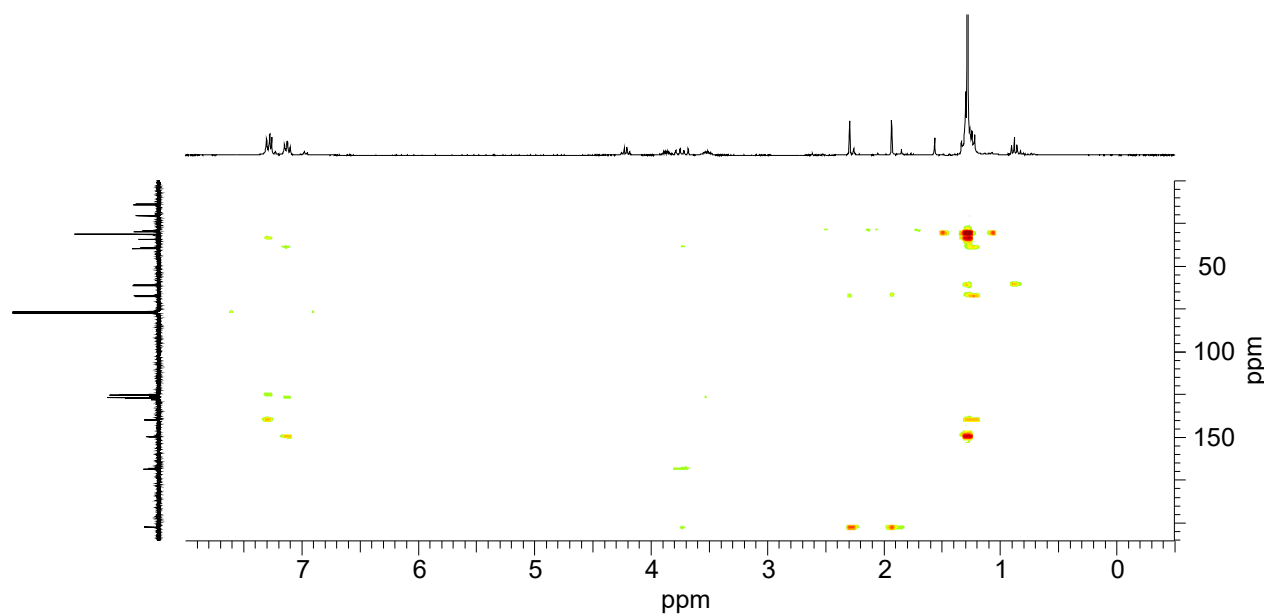


Figure S12. HMBC NMR of compound **3c** in CDCl₃.

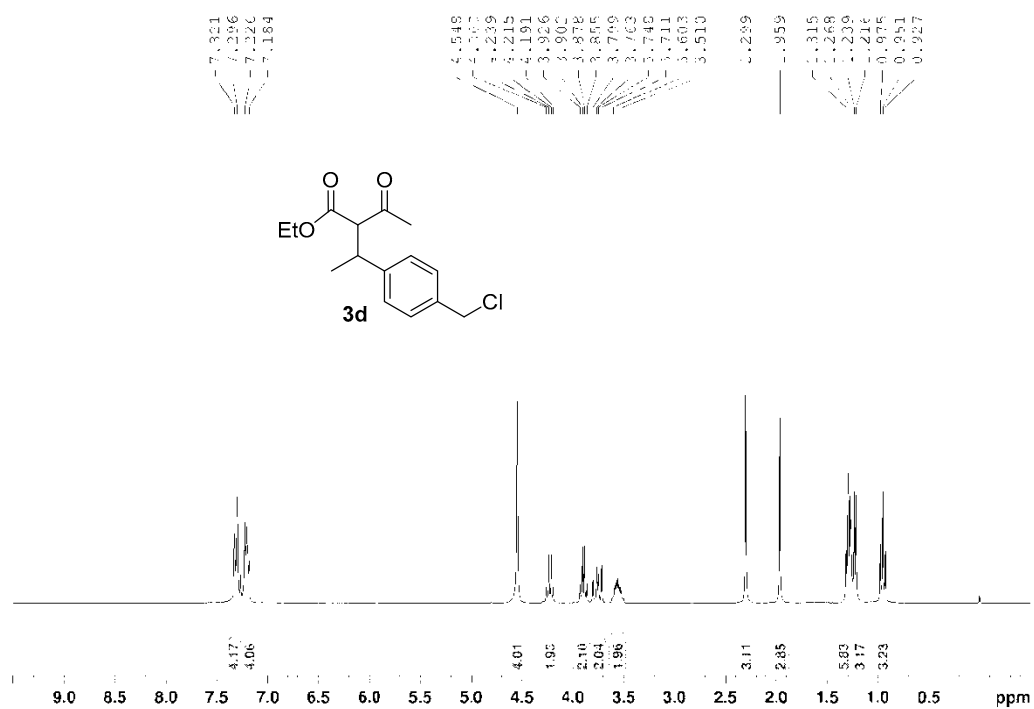


Figure S13. ¹H NMR of compound **3d** in CDCl₃.

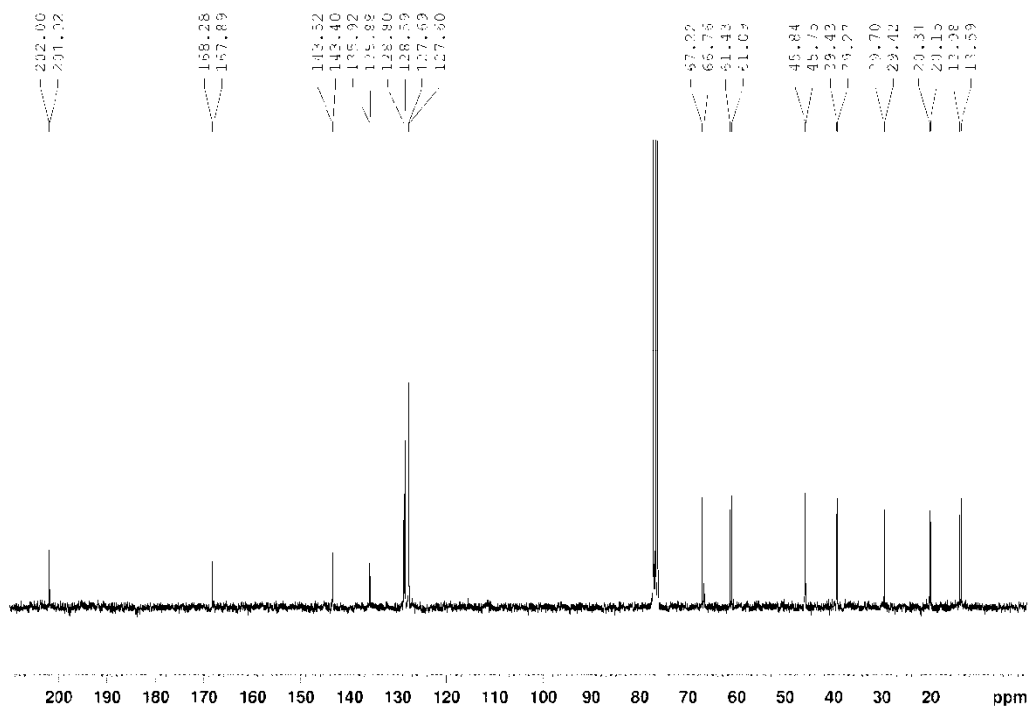


Figure S14. ¹³C NMR of compound **3d** in CDCl₃.

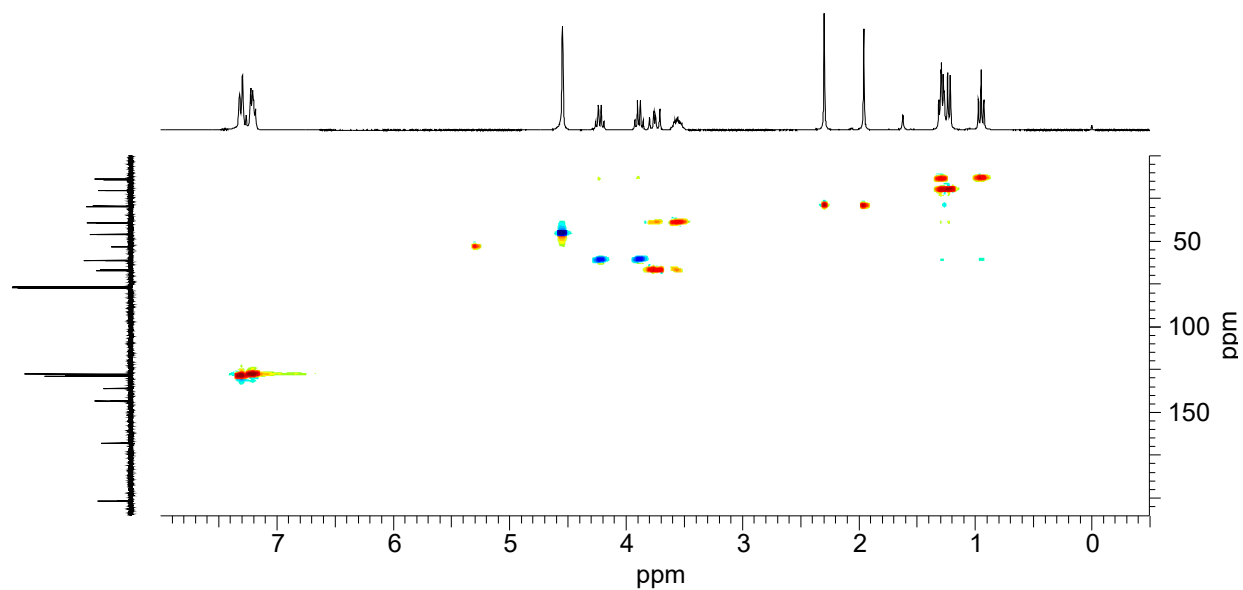


Figure S15. HSQC NMR of compound **3d** in CDCl₃.

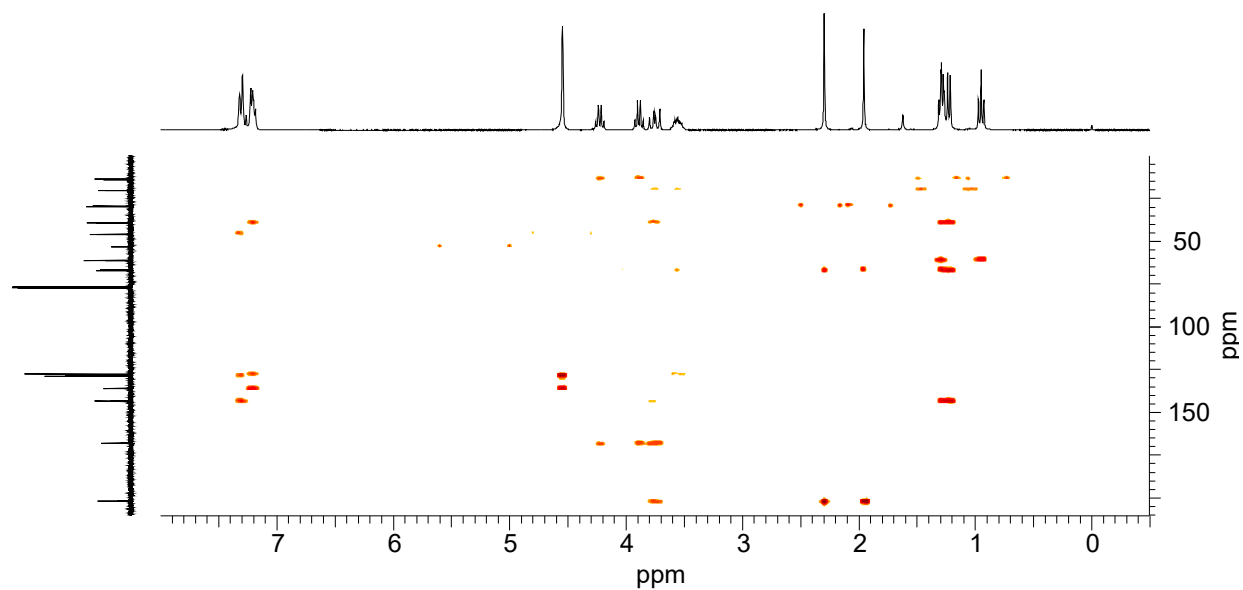


Figure S16. HMBC NMR of compound **3d** in CDCl₃.

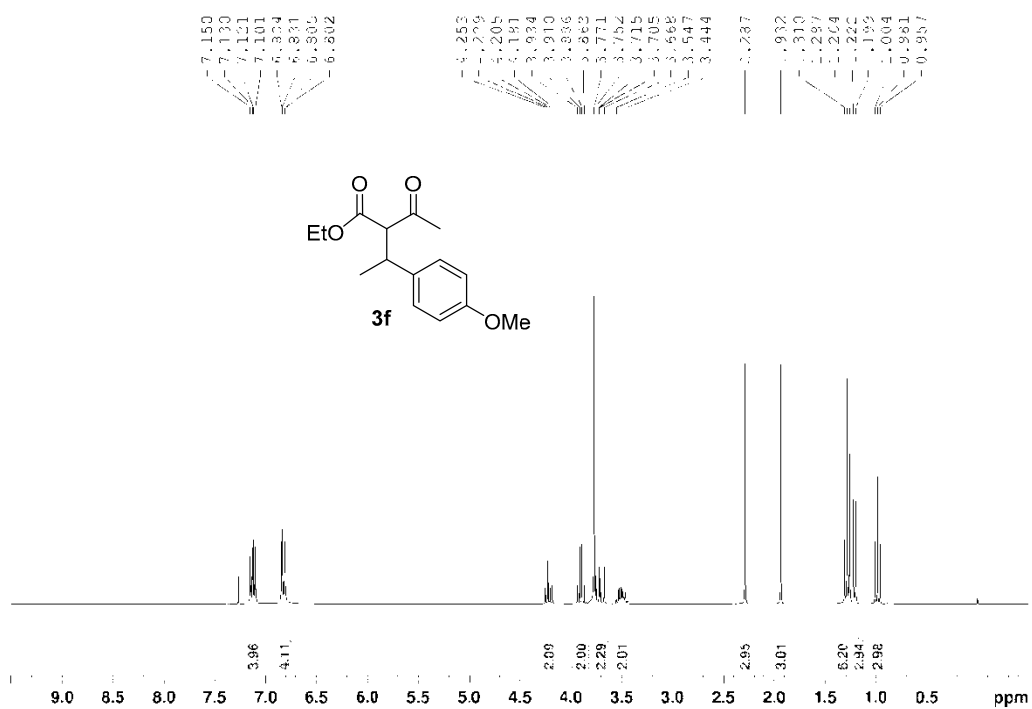


Figure S17. ¹H NMR of compound **3f** in CDCl₃.

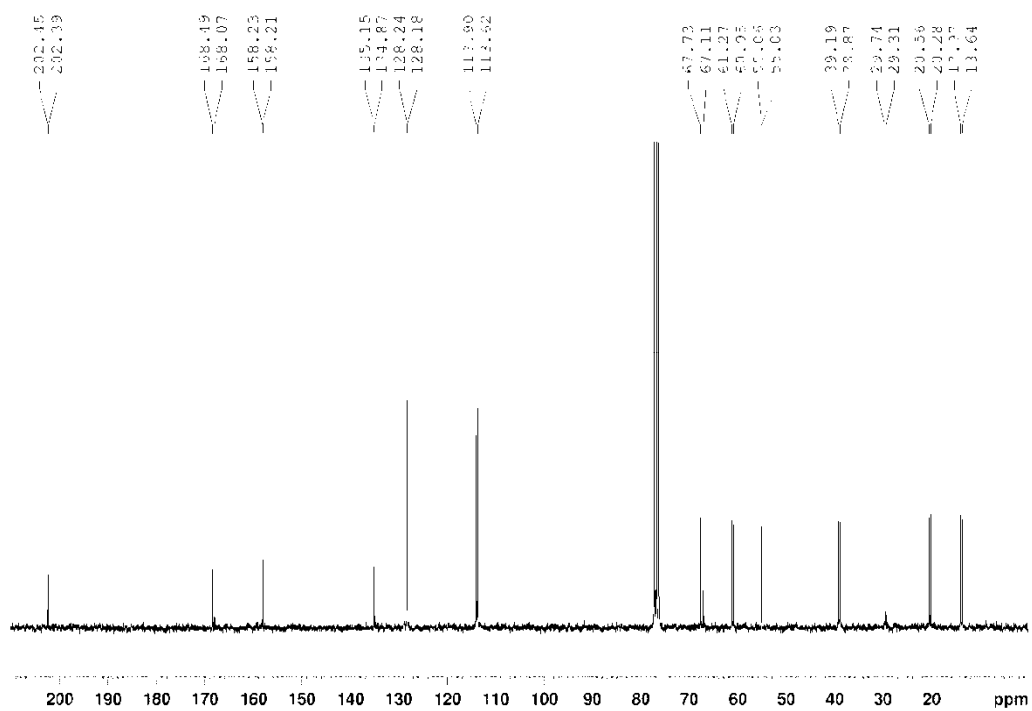


Figure S18. ¹³C NMR of compound **3f** in CDCl₃.

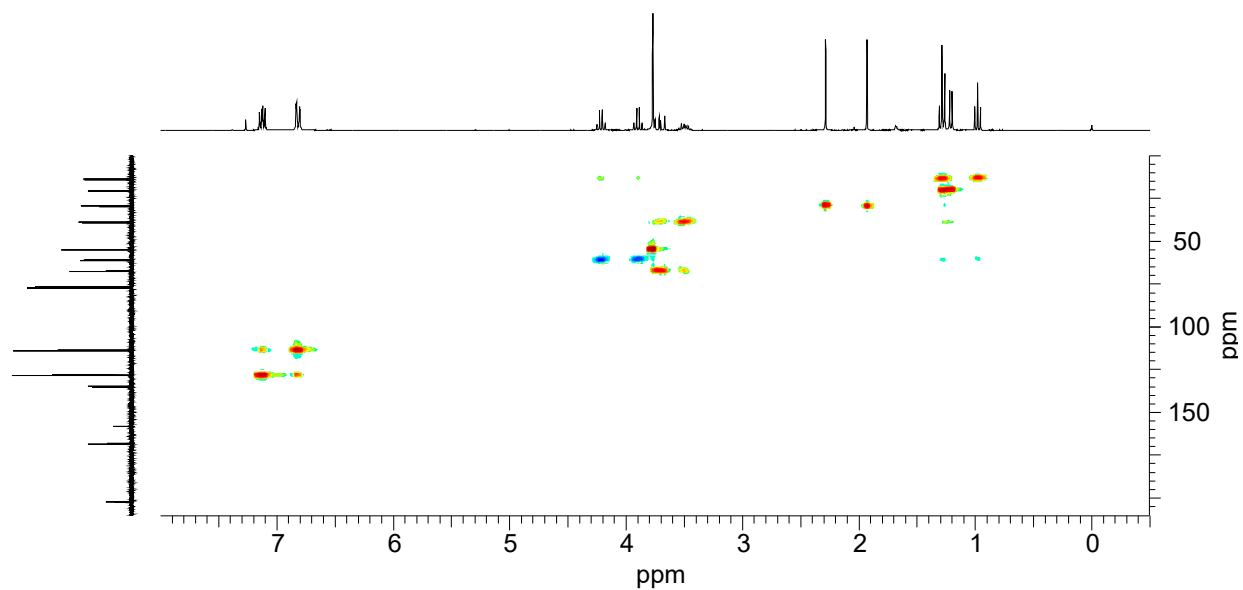


Figure S19. HSQC NMR of compound **3f** in CDCl_3 .

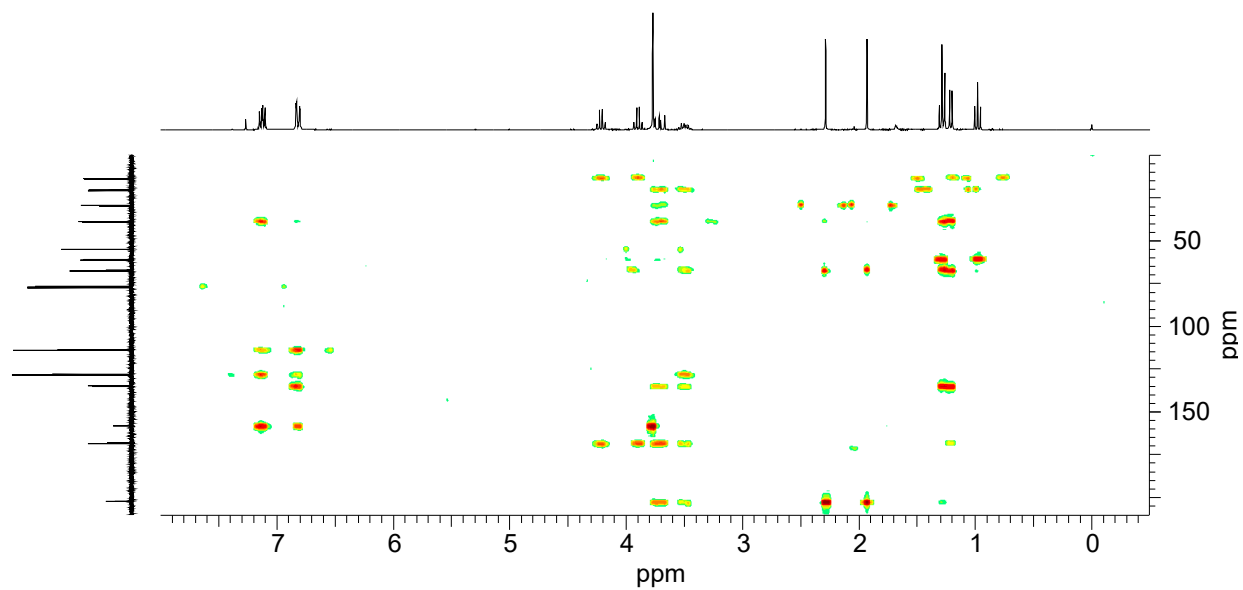


Figure S20. HMBC NMR of compound **3f** in CDCl_3 .