

Supplementary Materials: Metal-free regiodivergent addition of carbon nucleophiles to α,β -unsaturated electrophiles

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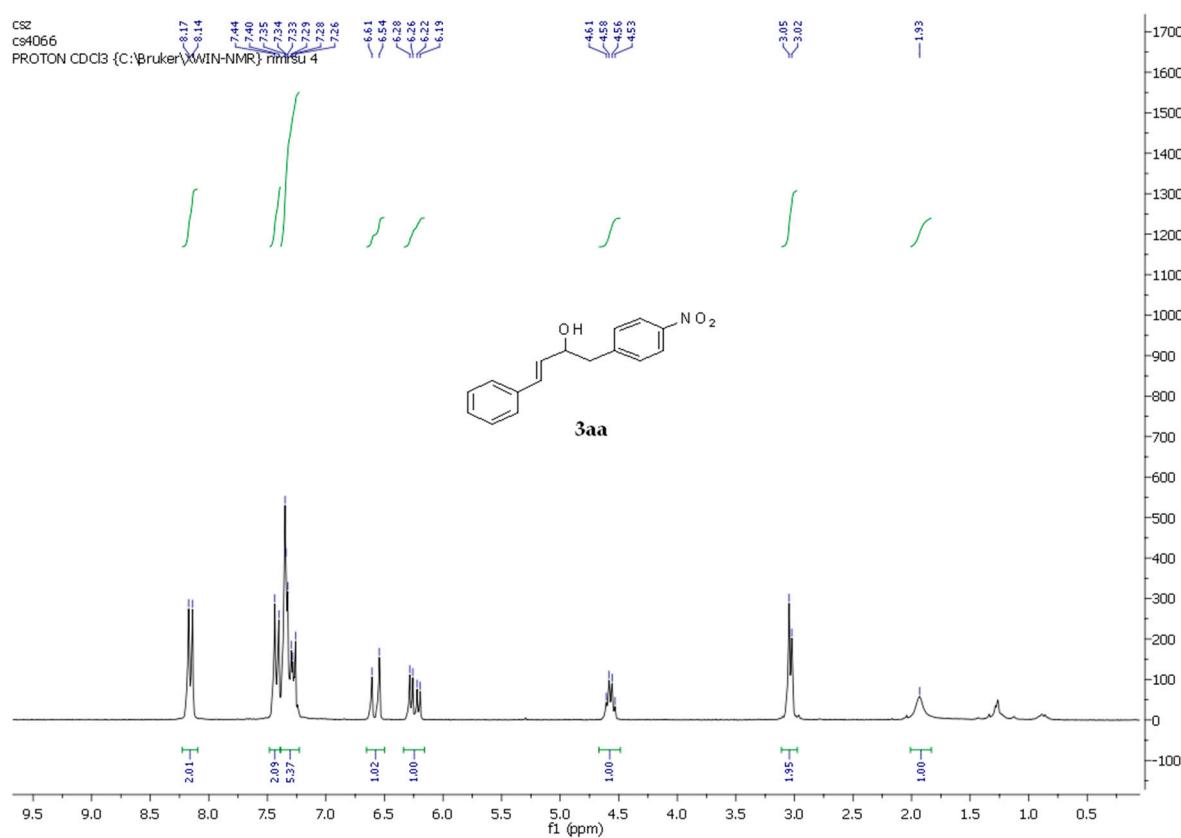


Figure S1. ^1H spectra of **3aa**.

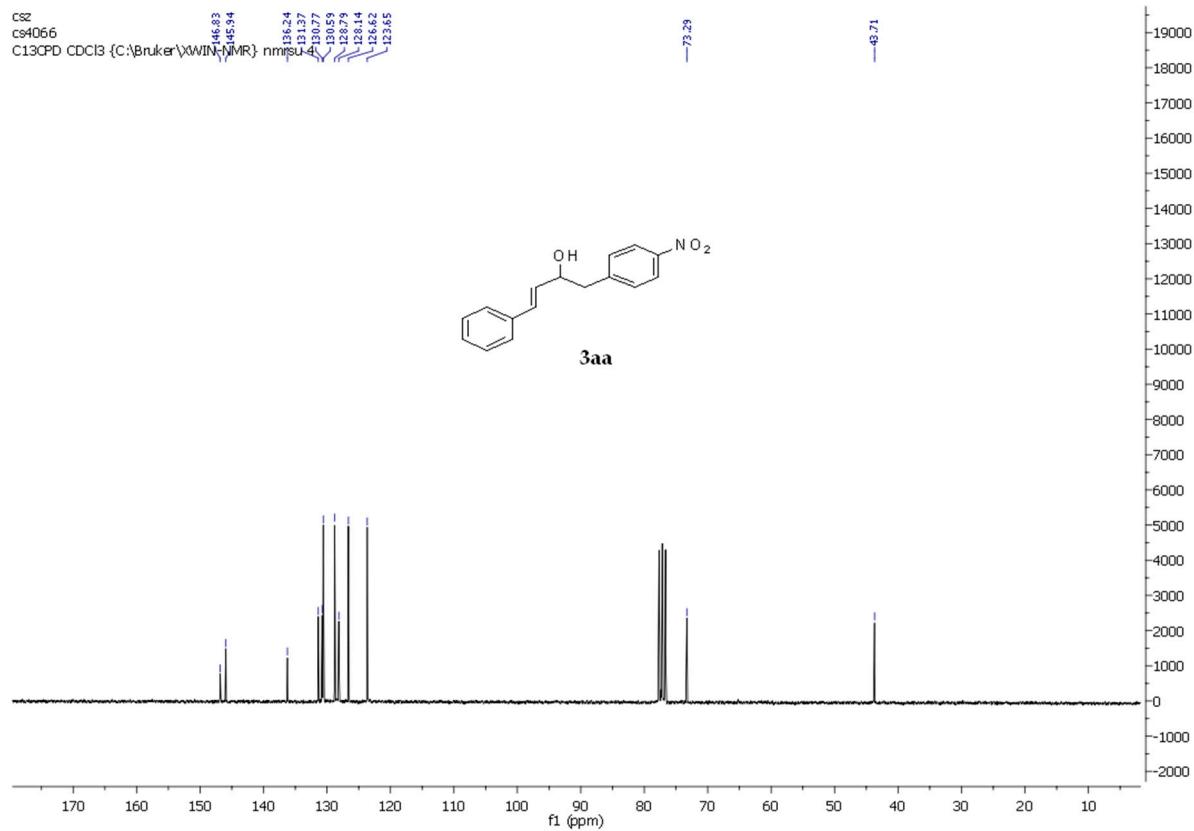


Figure S2. ¹³C-NMR spectra of **3aa**.

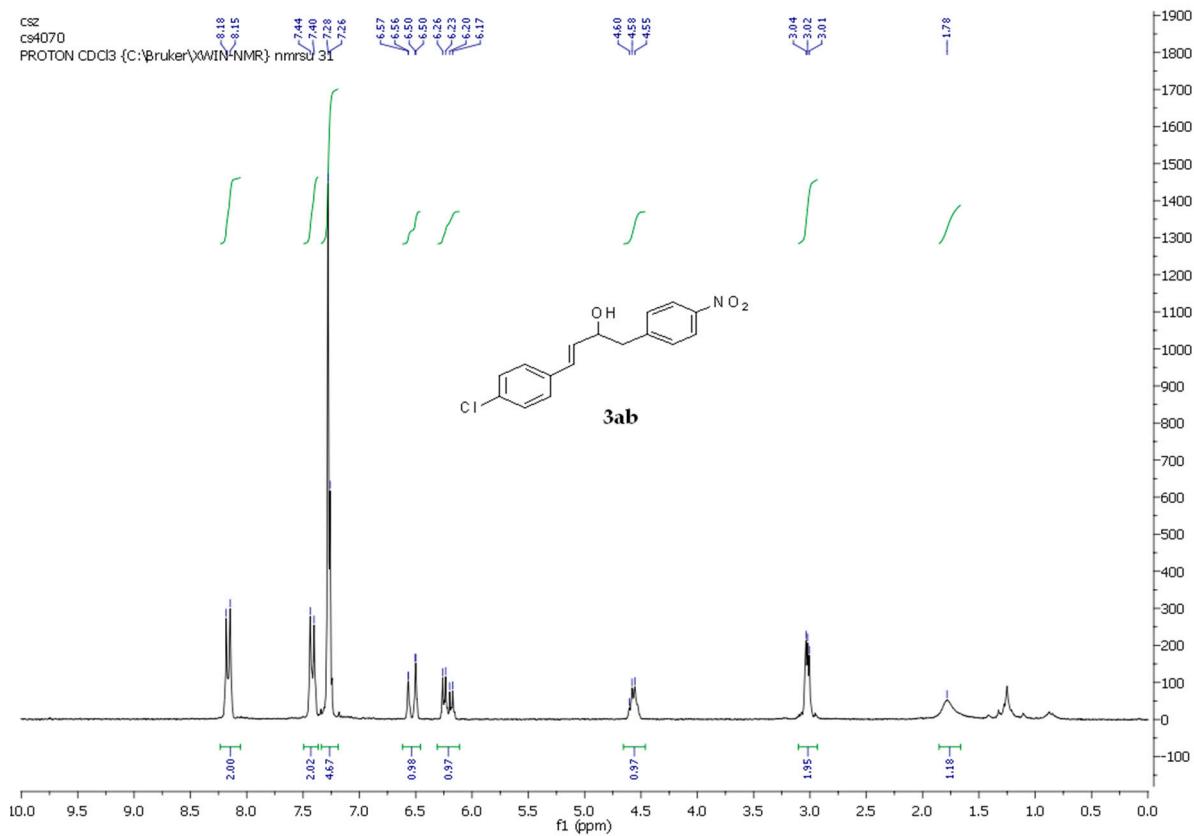


Figure S3. ¹H-NMR spectra of **3ab**.

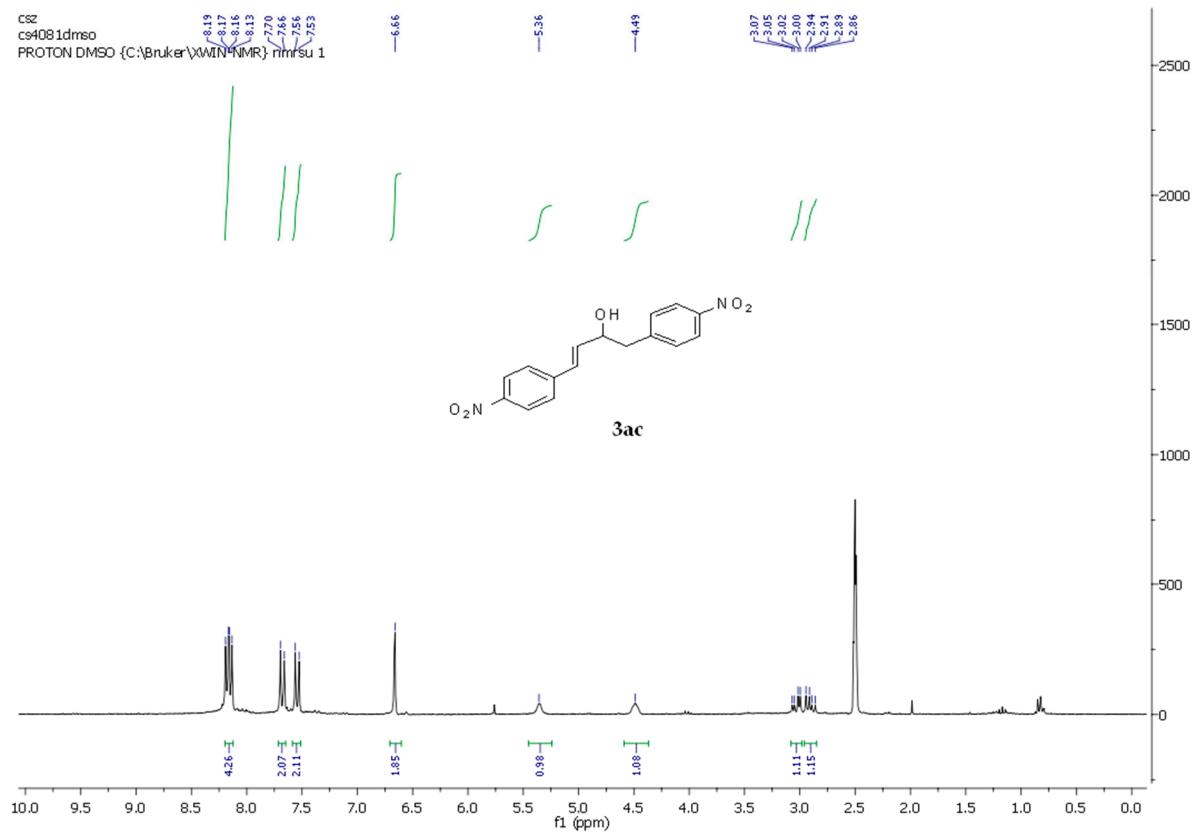
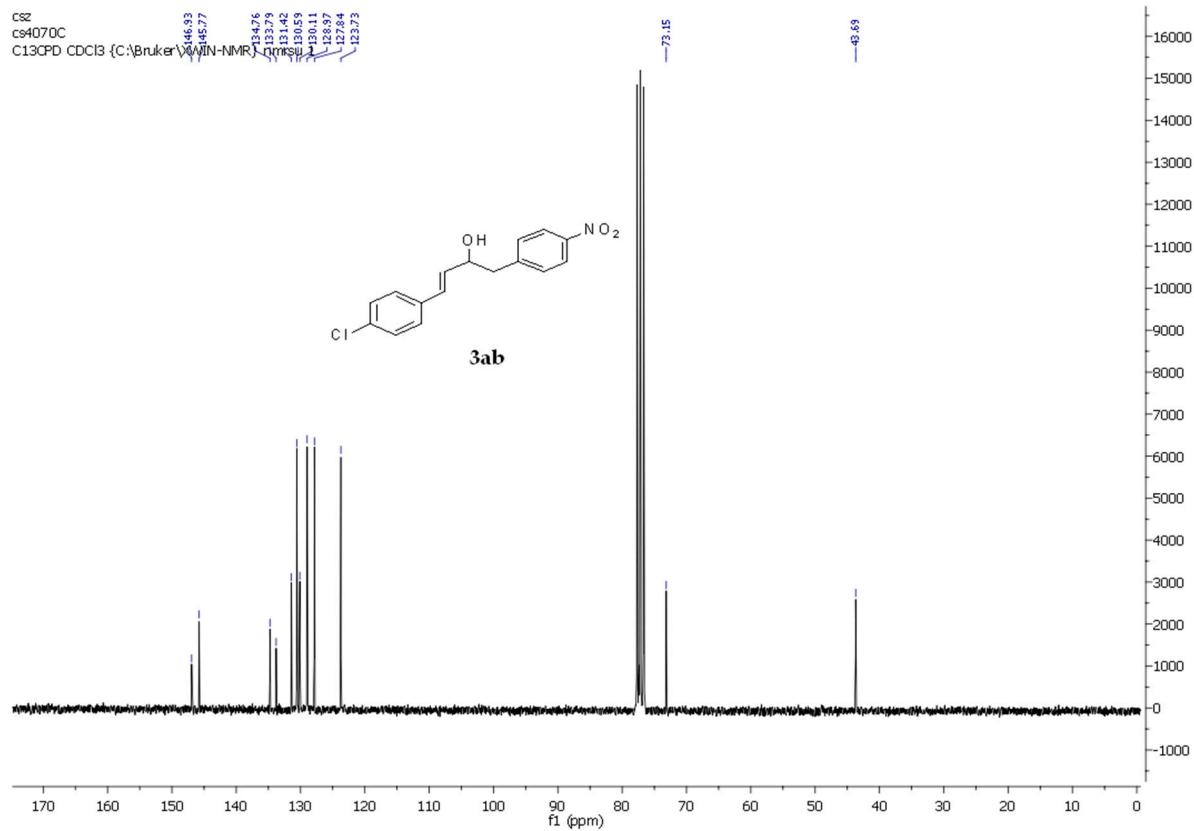


Figure S5. ¹H-NMR spectra of **3ac**.

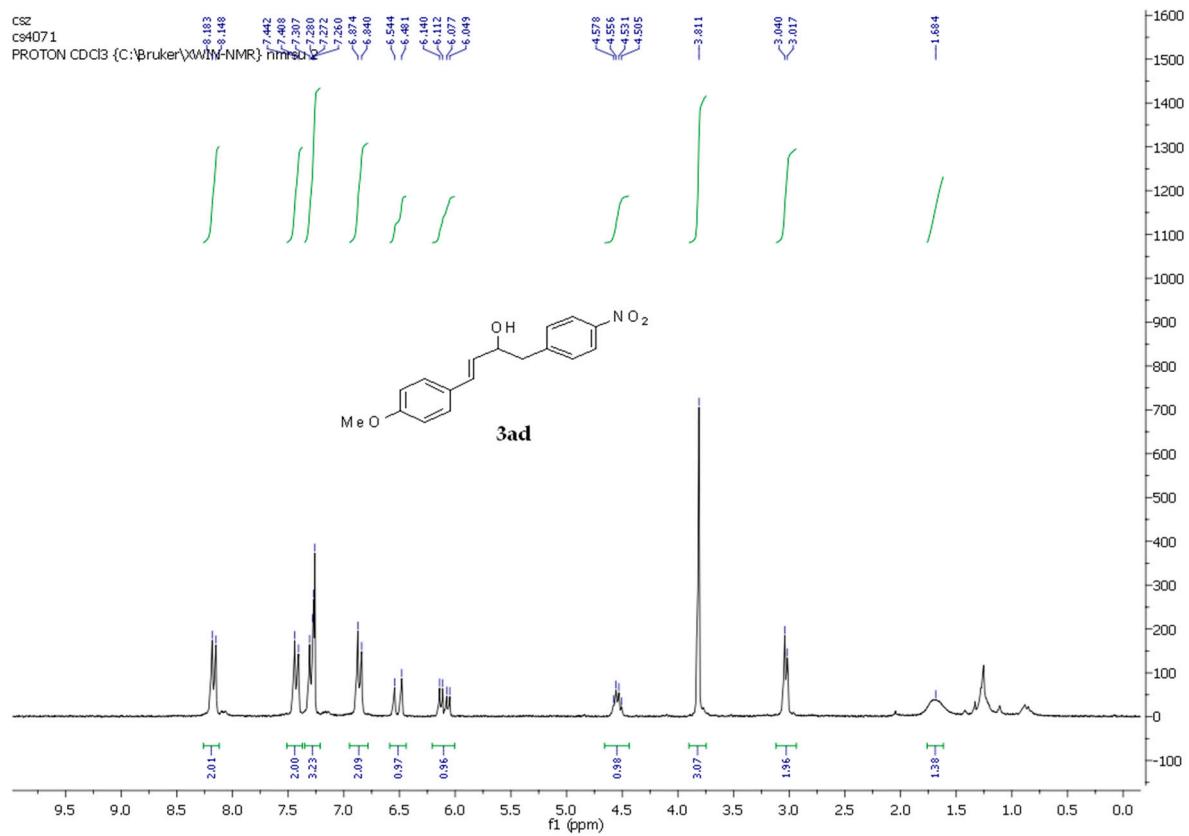
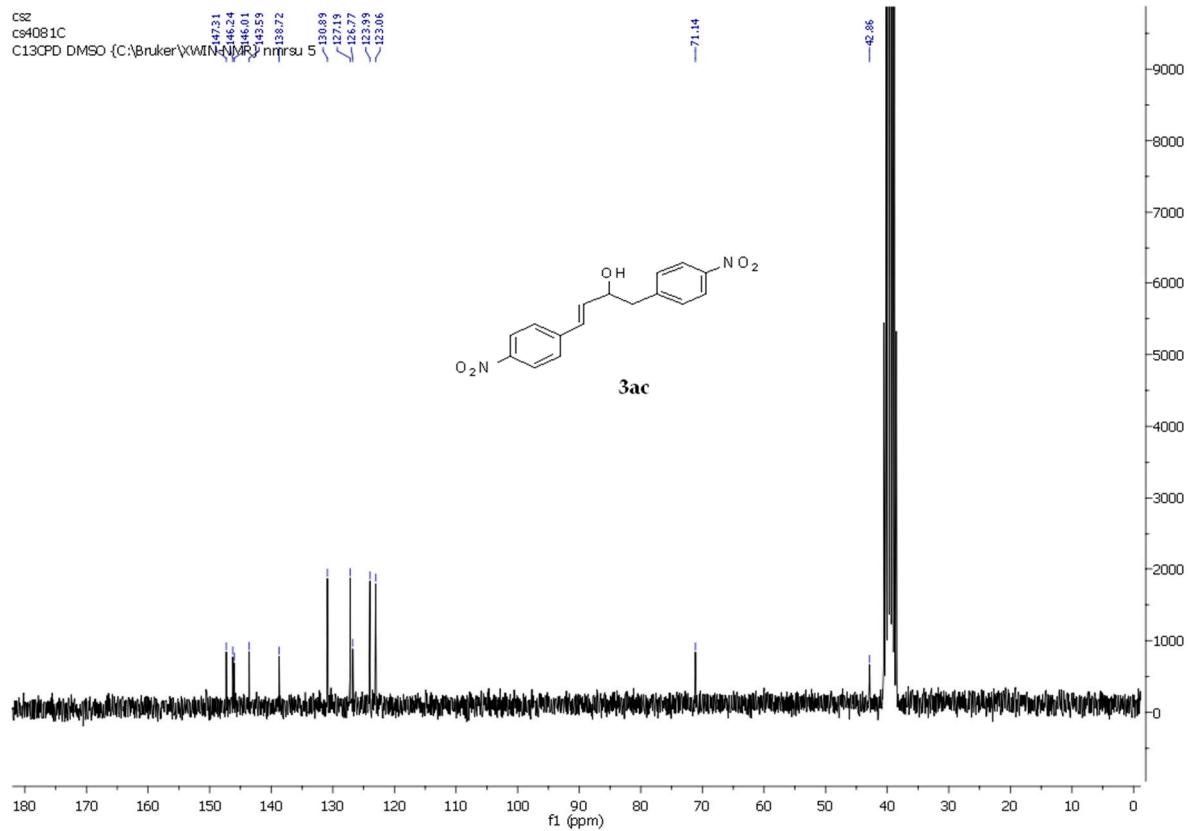


Figure S7. ^1H -NMR spectra of **3ad**.

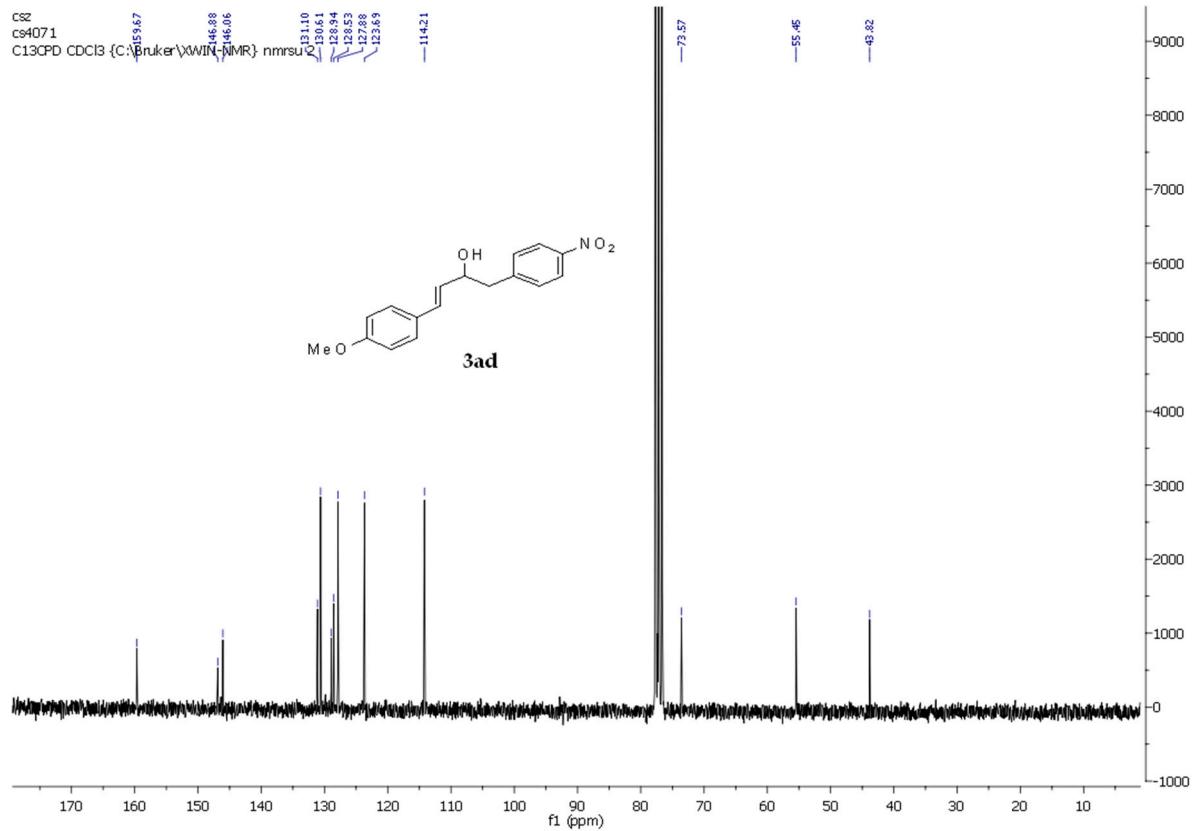


Figure S8. ¹³C-NMR spectra of **3ad**.

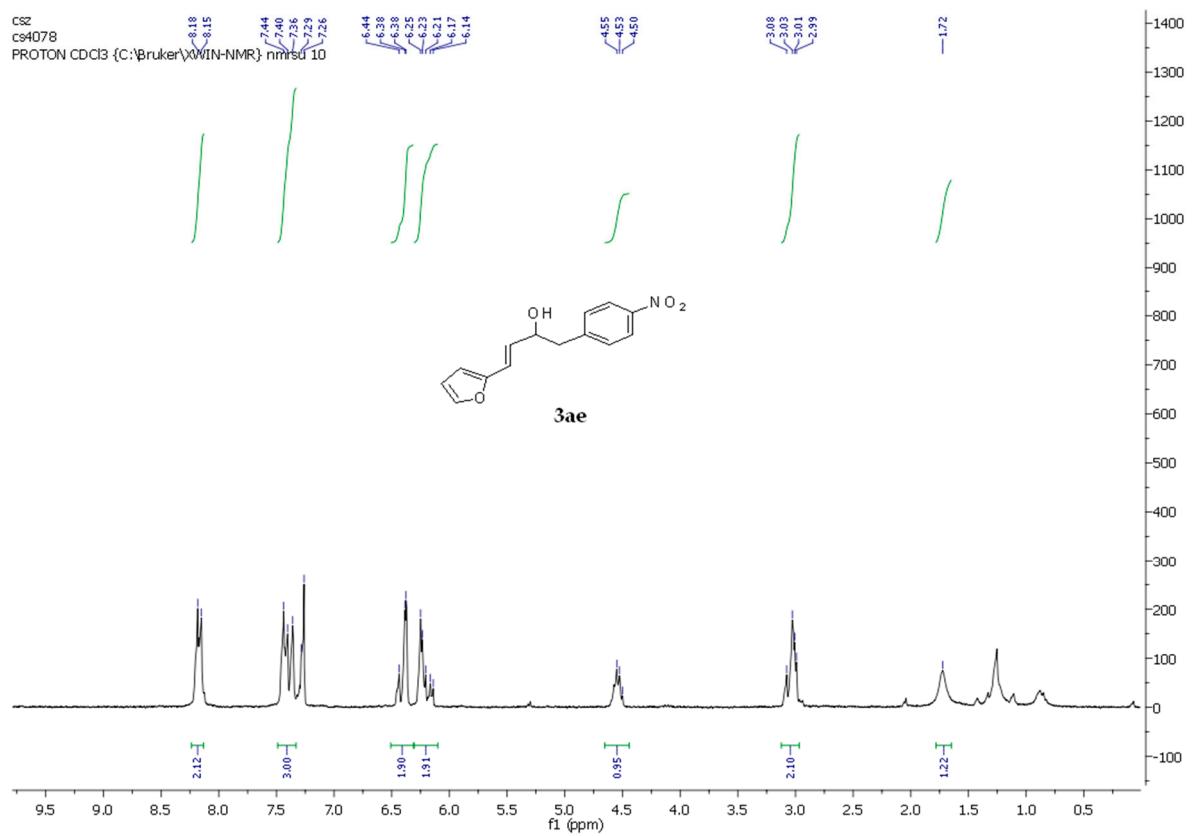


Figure S9. ¹H-NMR spectra of **3ae**.

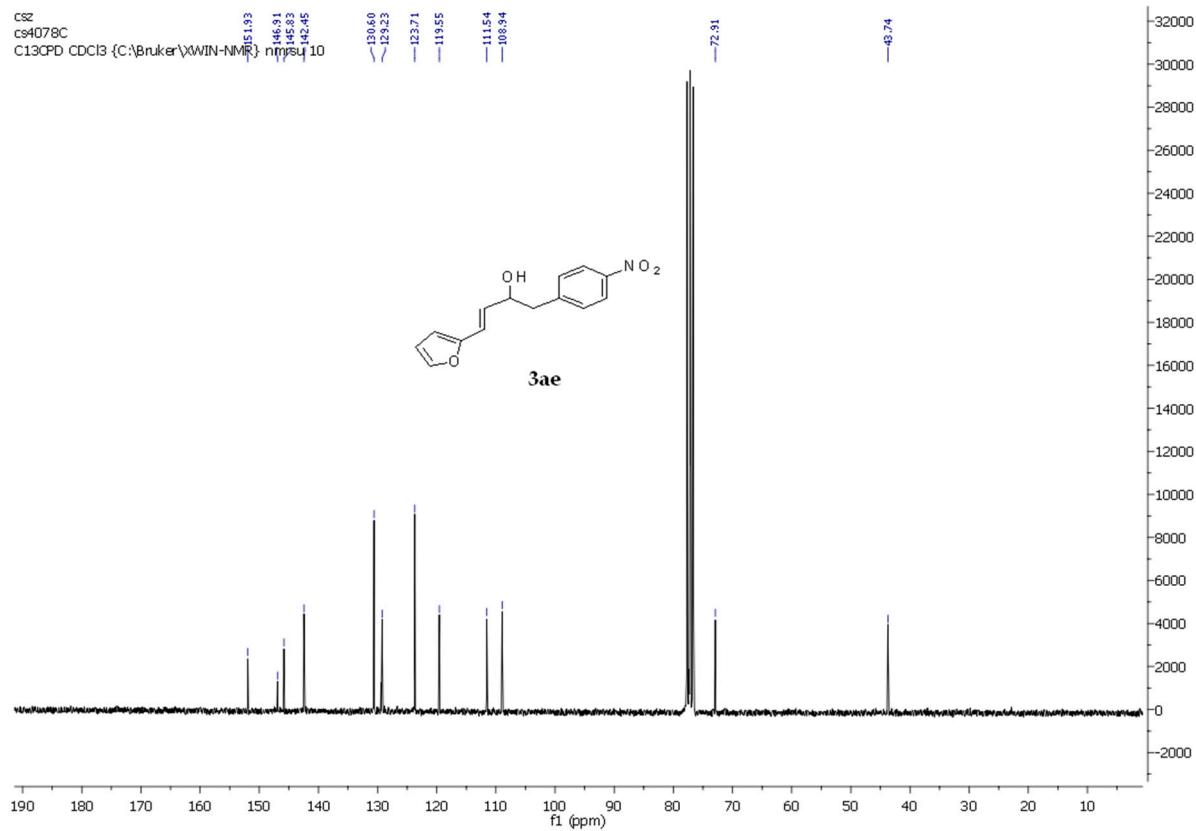


Figure S10. ¹³C-NMR spectra of 3ae.

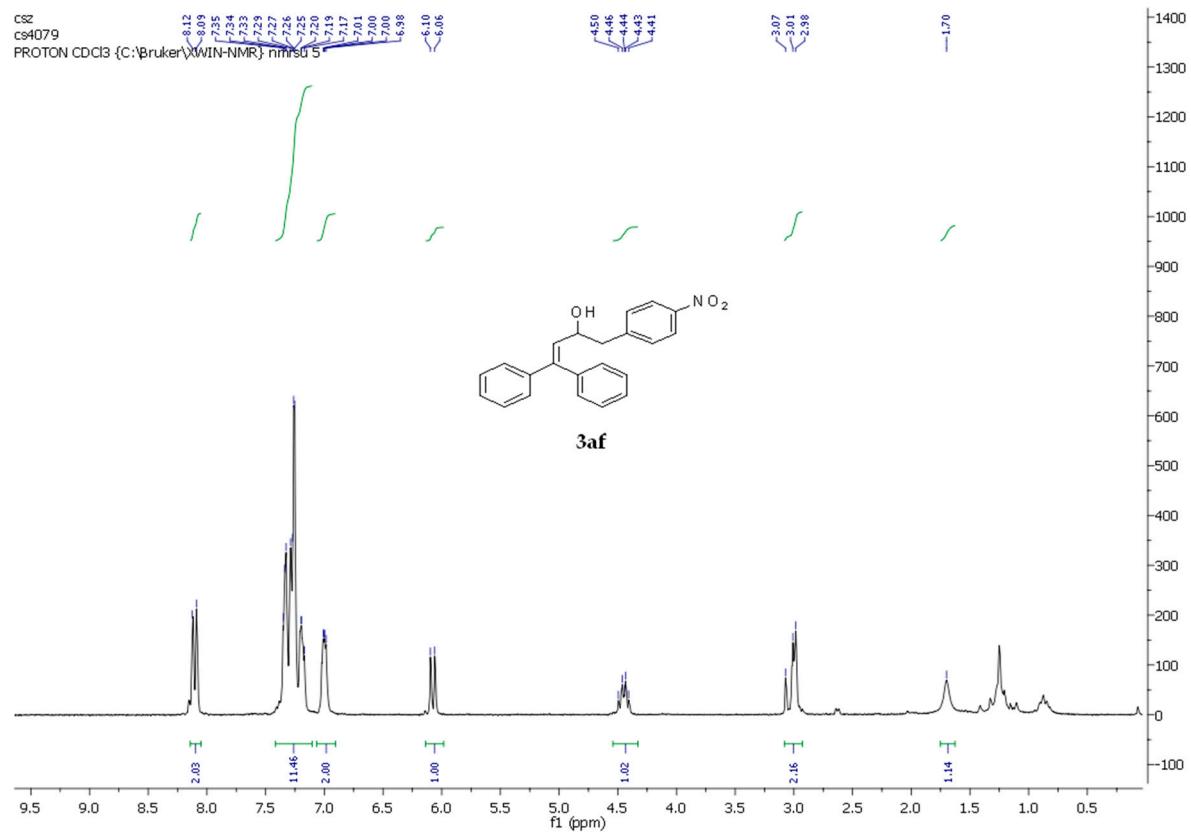


Figure S11. ¹H-NMR spectra of 3af.

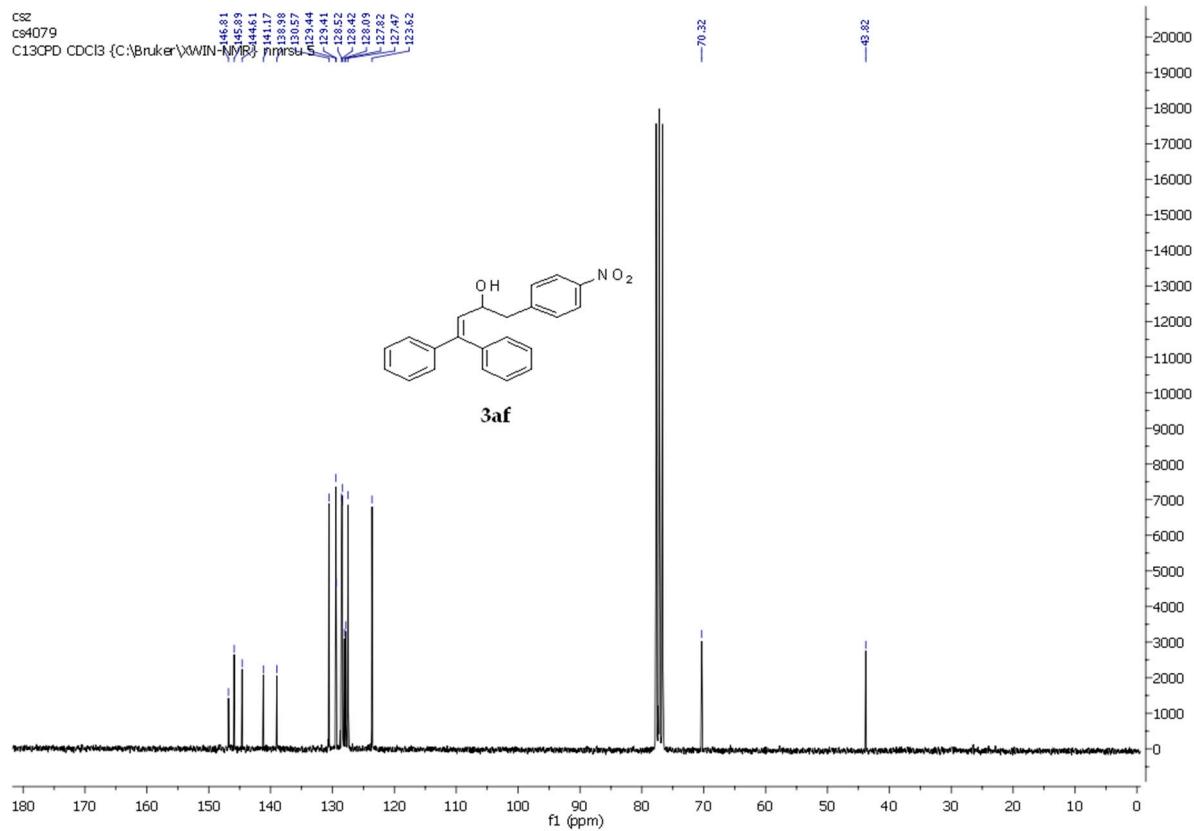


Figure S12. ¹³C-NMR spectra of 3af.

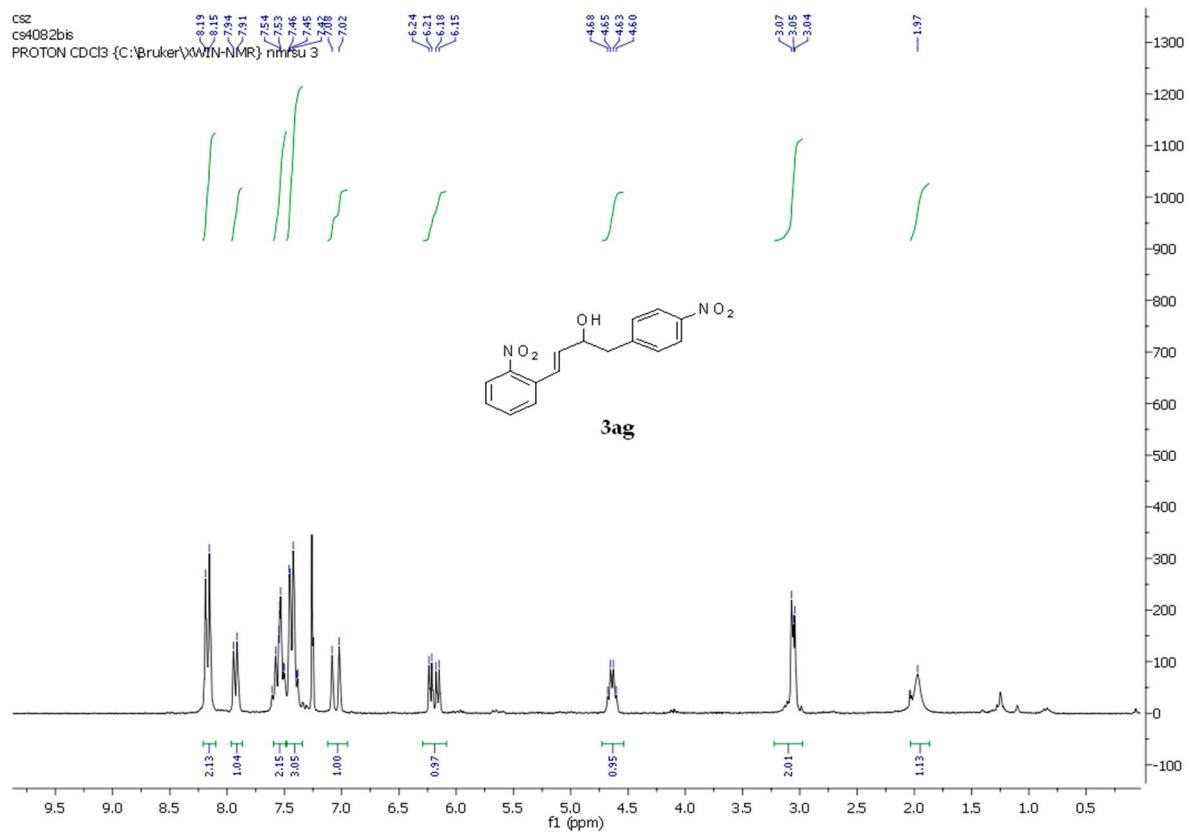


Figure S13. ¹H-NMR spectra of 3ag.

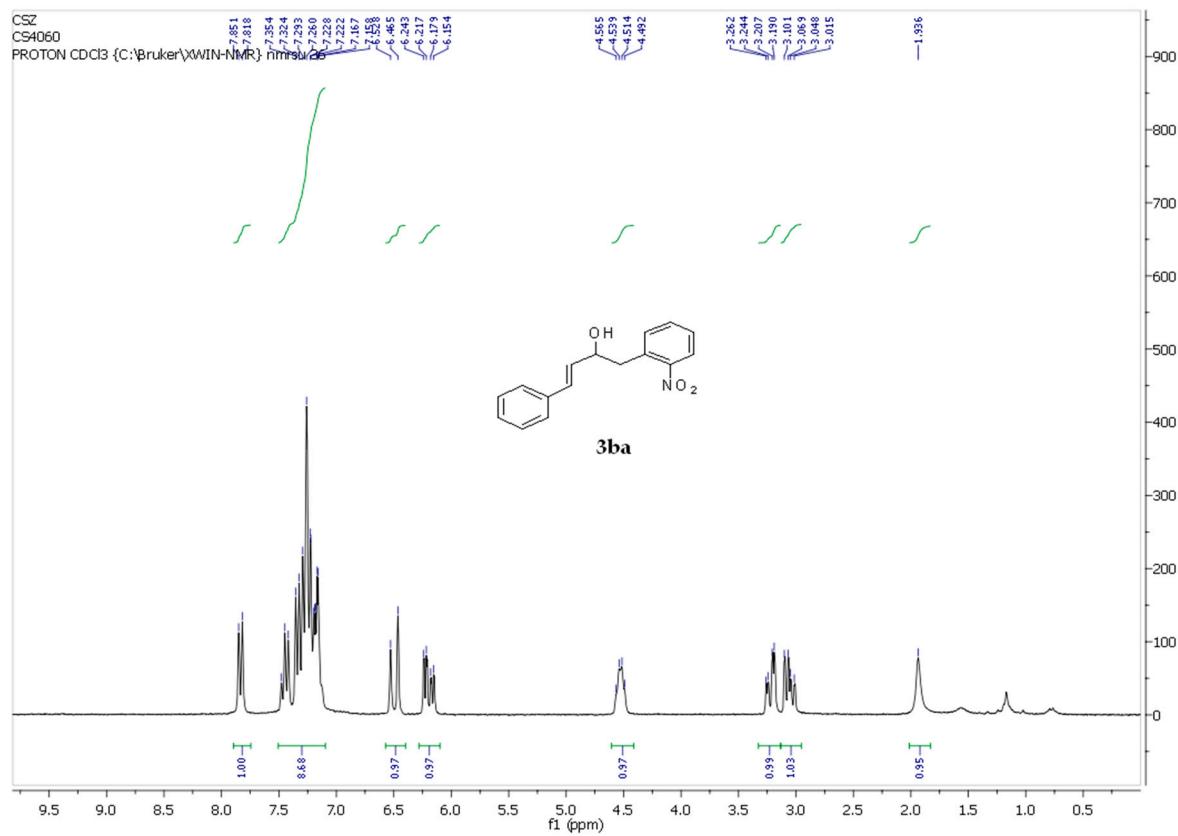
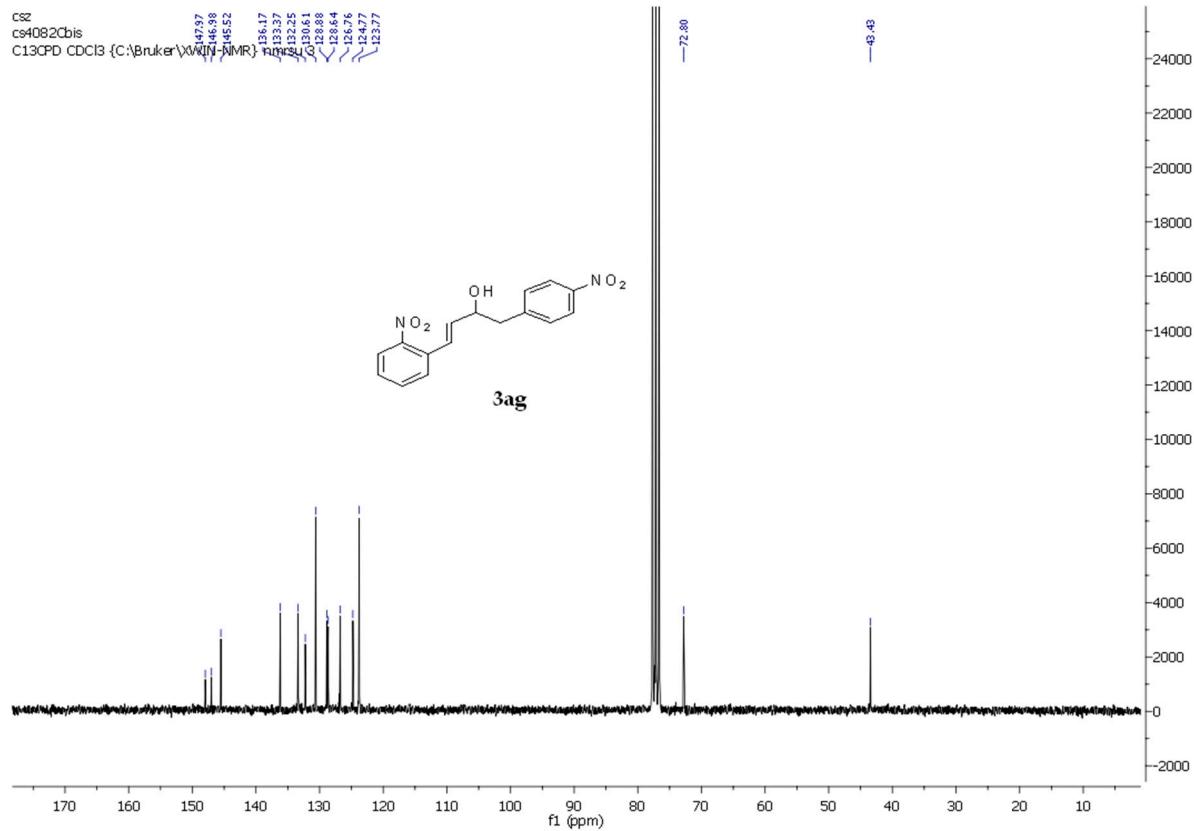


Figure S15. ¹H-NMR spectra of 3ba.

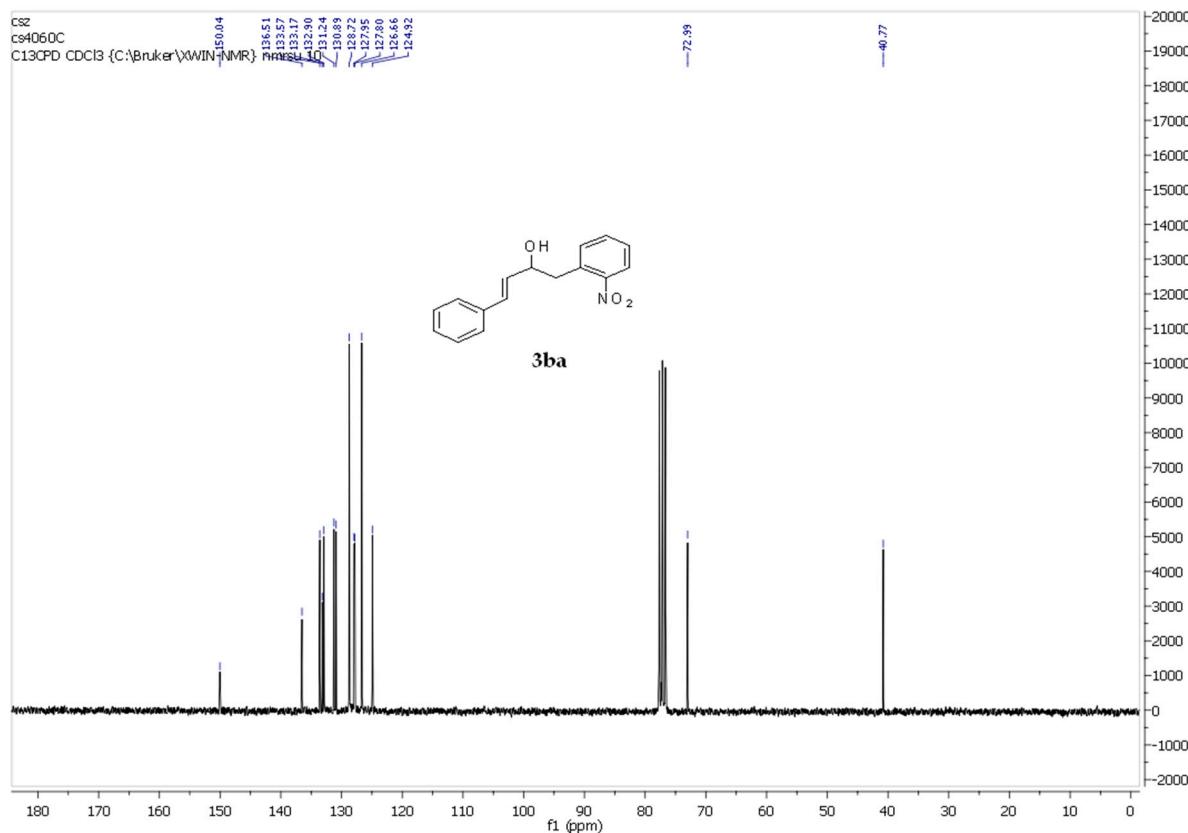


Figure S16. ^{13}C -NMR spectra of **3ba**.

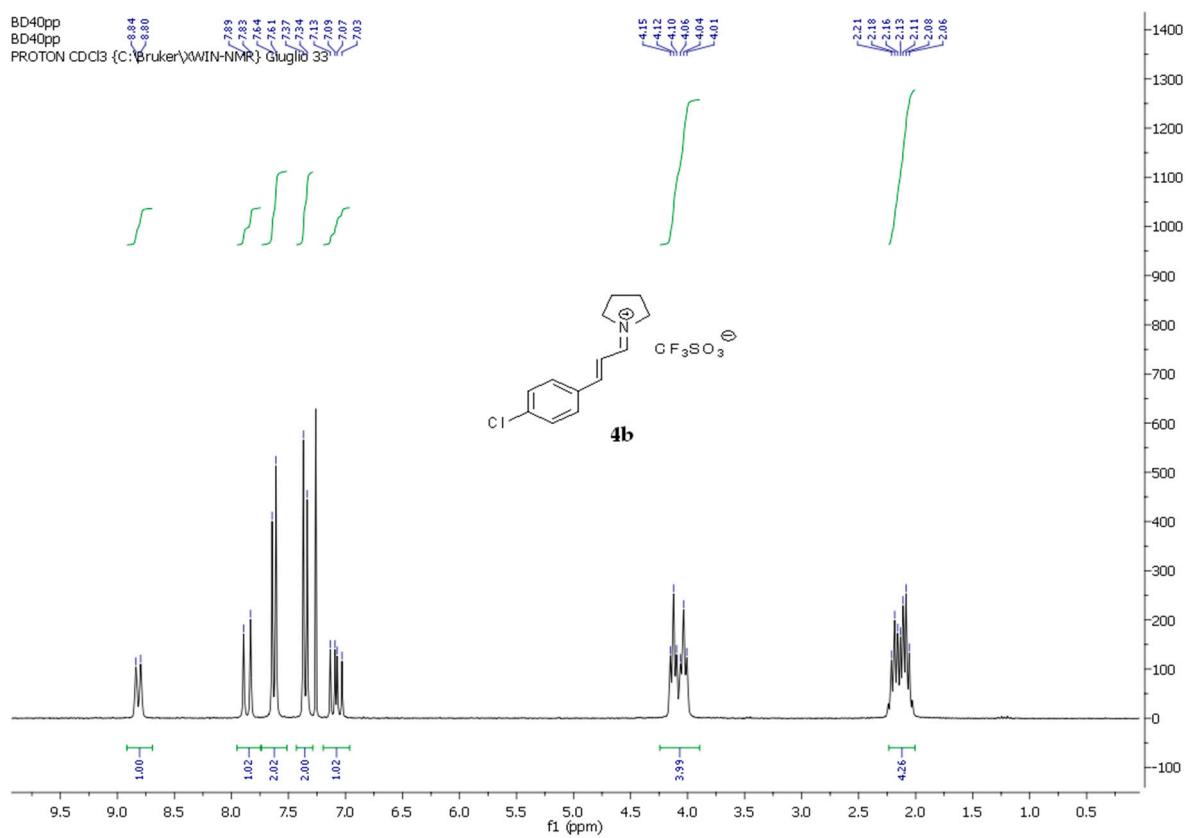


Figure S17. ^1H -NMR spectra of **4b**.

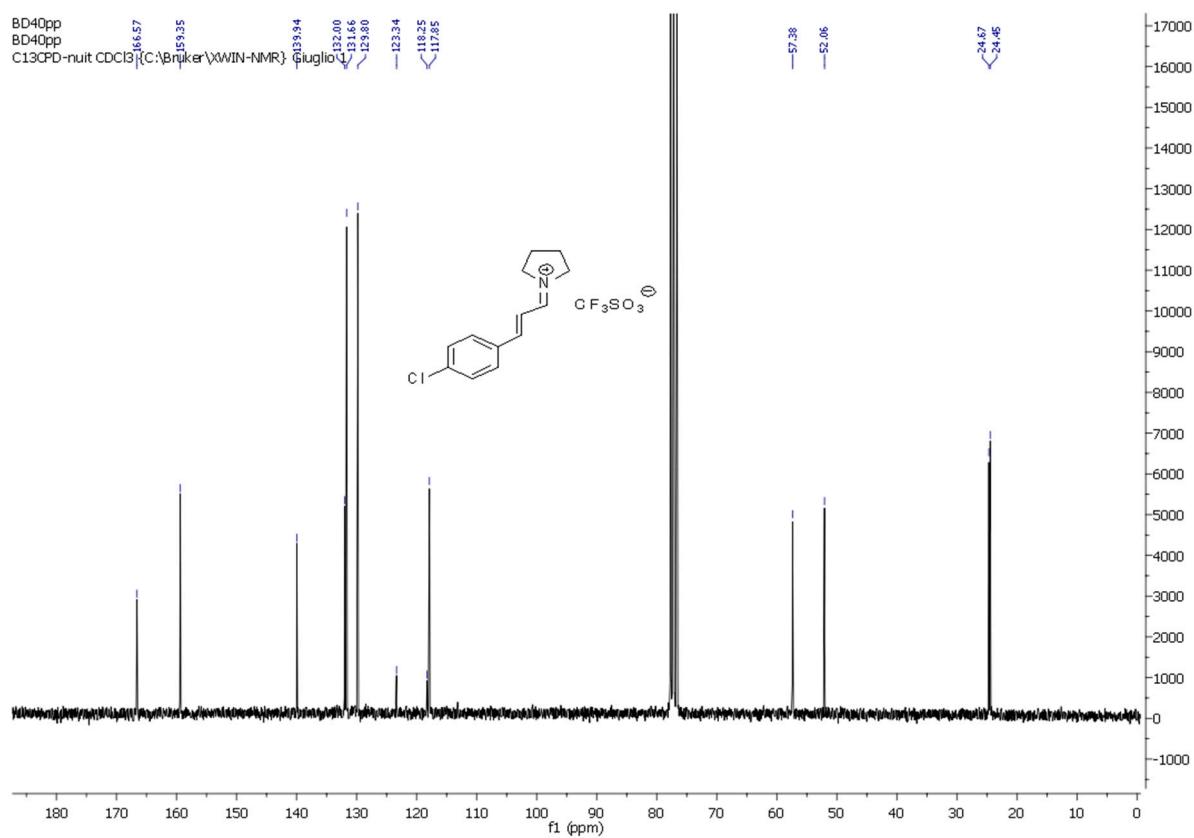


Figure S18. ¹³C-NMR spectra of **4b**.

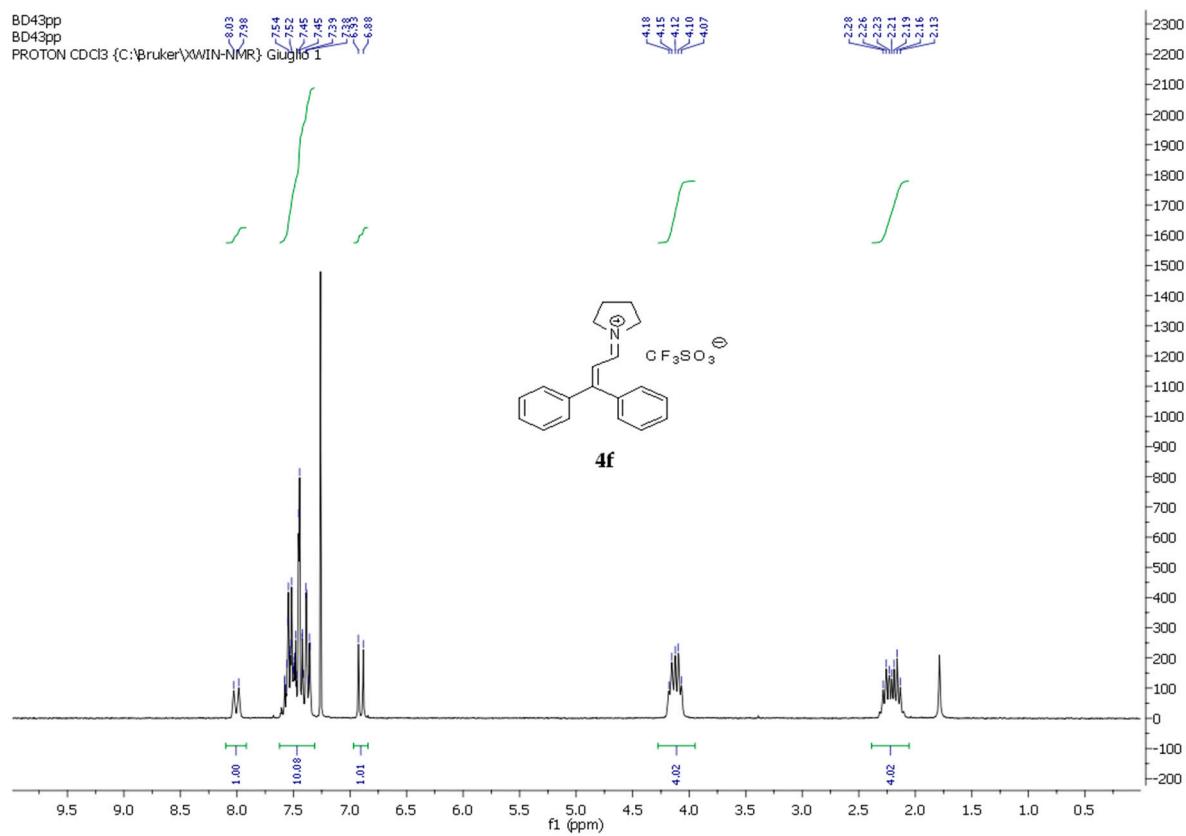


Figure S19. ¹H-NMR spectra of **4f**.

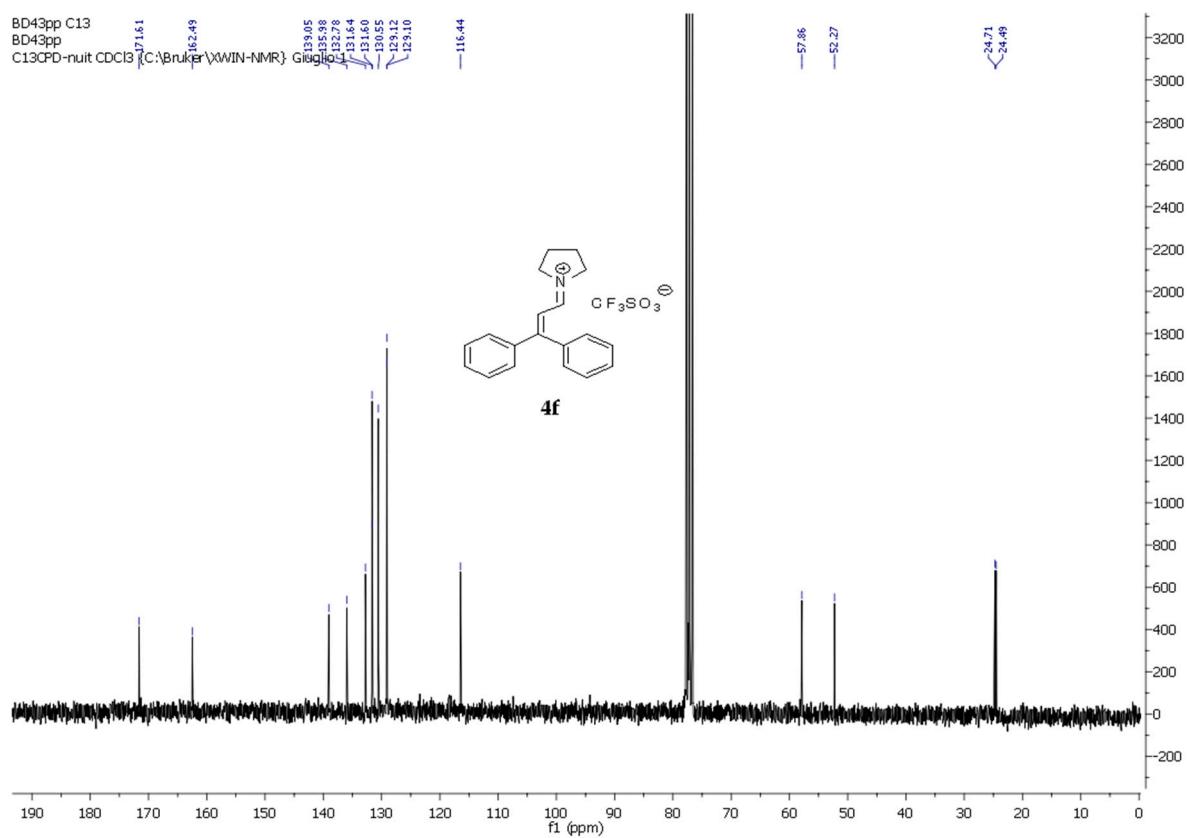


Figure S20. ¹³C-NMR spectra of **4f**.

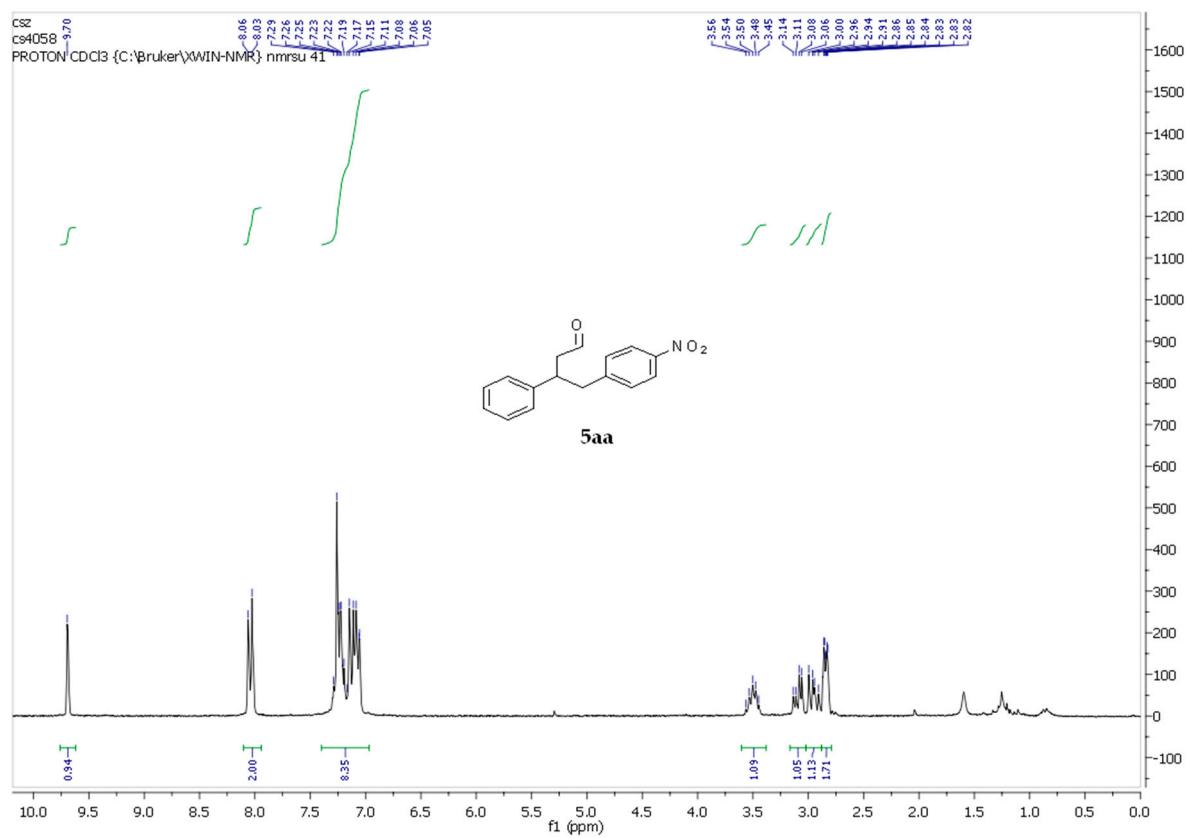


Figure S21. ¹H-NMR spectra of **5aa**.

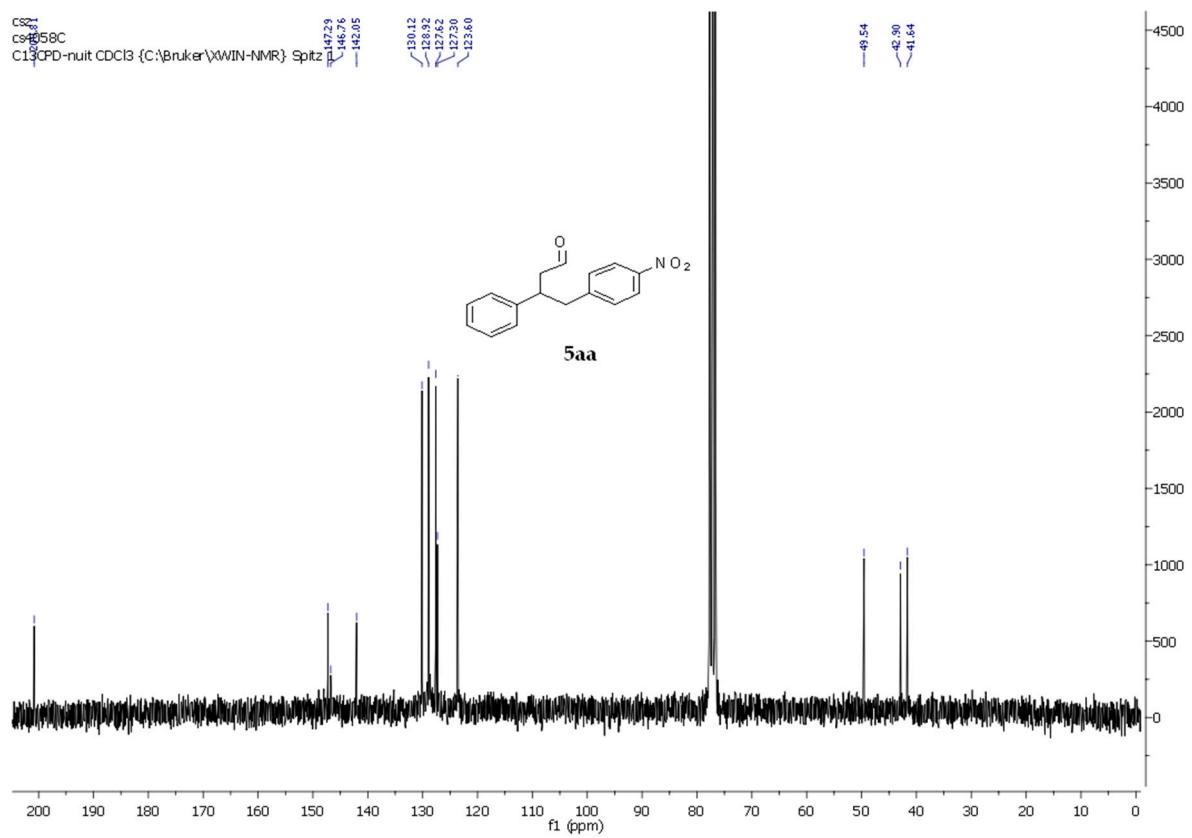


Figure S22. ¹³C-NMR spectra of **5aa**.

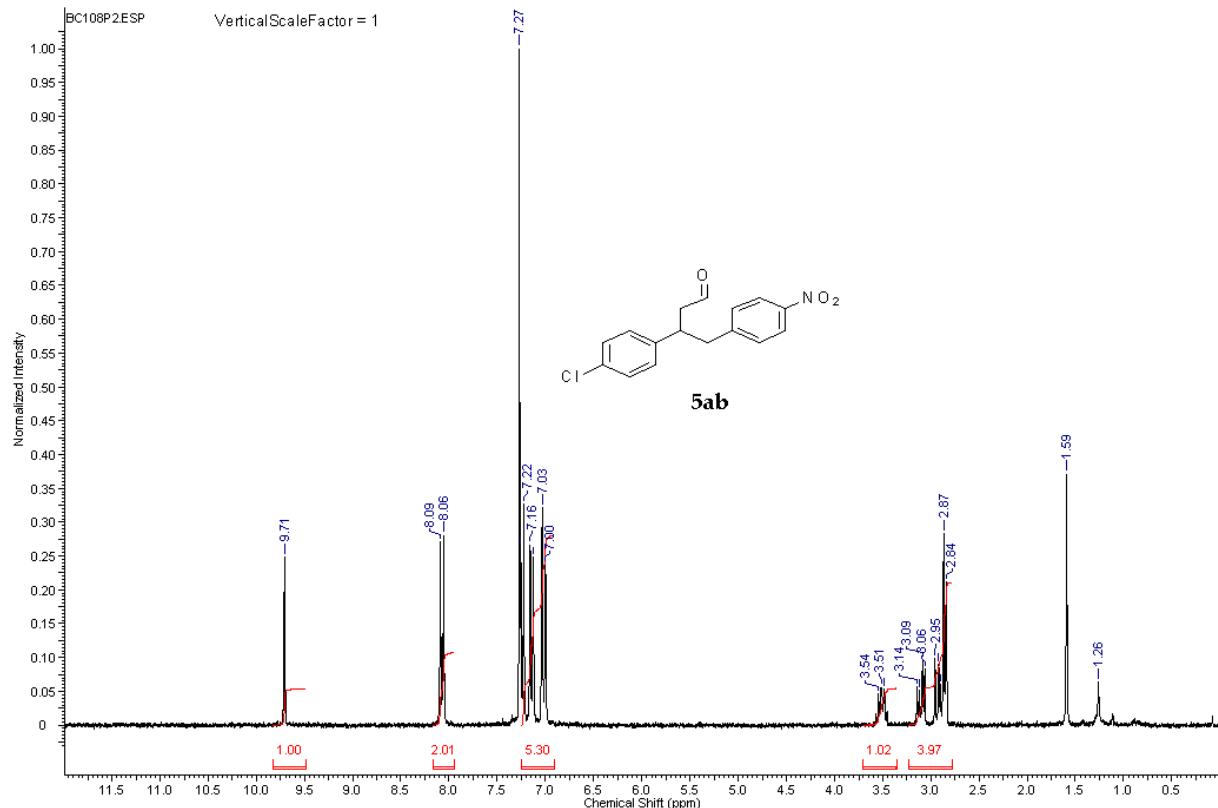


Figure S23. ¹H-NMR spectra of **5ab**.

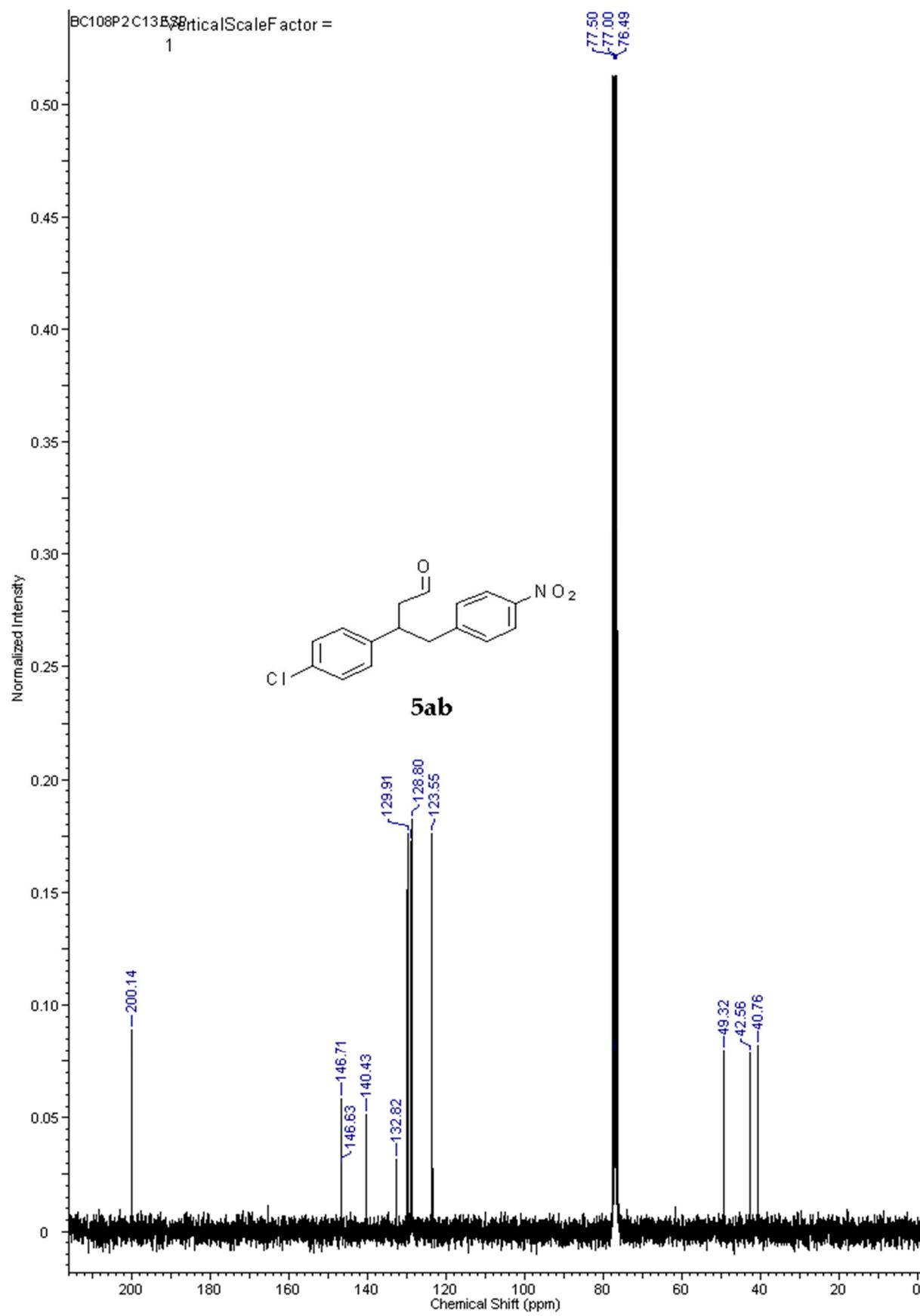


Figure S24. ^{13}C -NMR spectra of **5ab**.

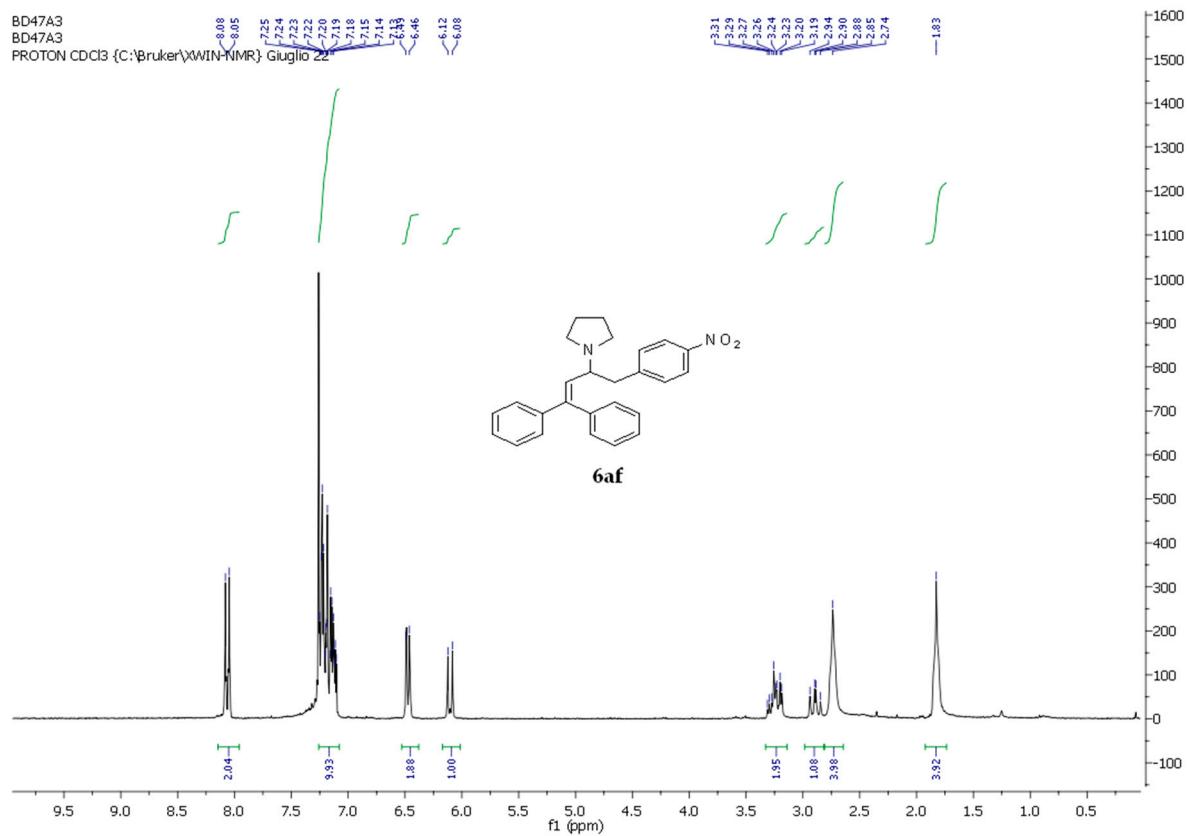


Figure S25. ¹H-NMR spectra of 6af.

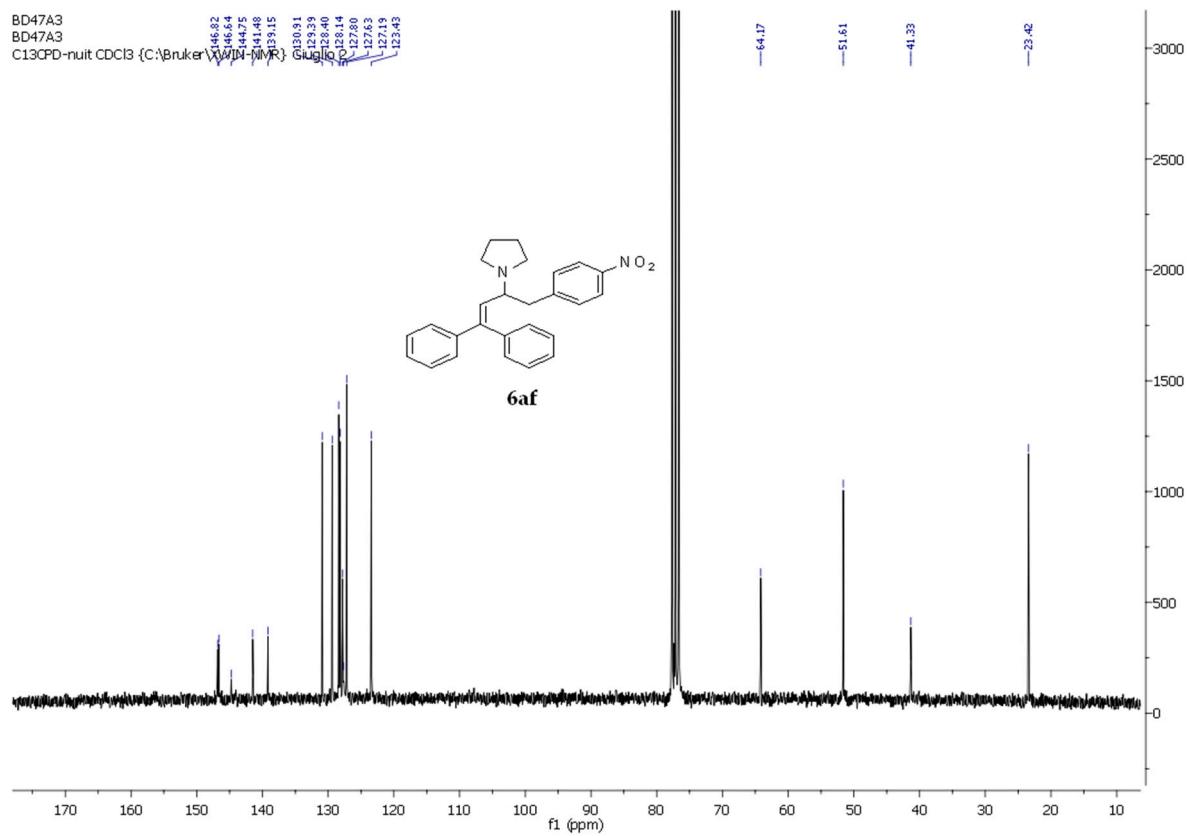


Figure S26. ¹³C-NMR spectra of 6af.

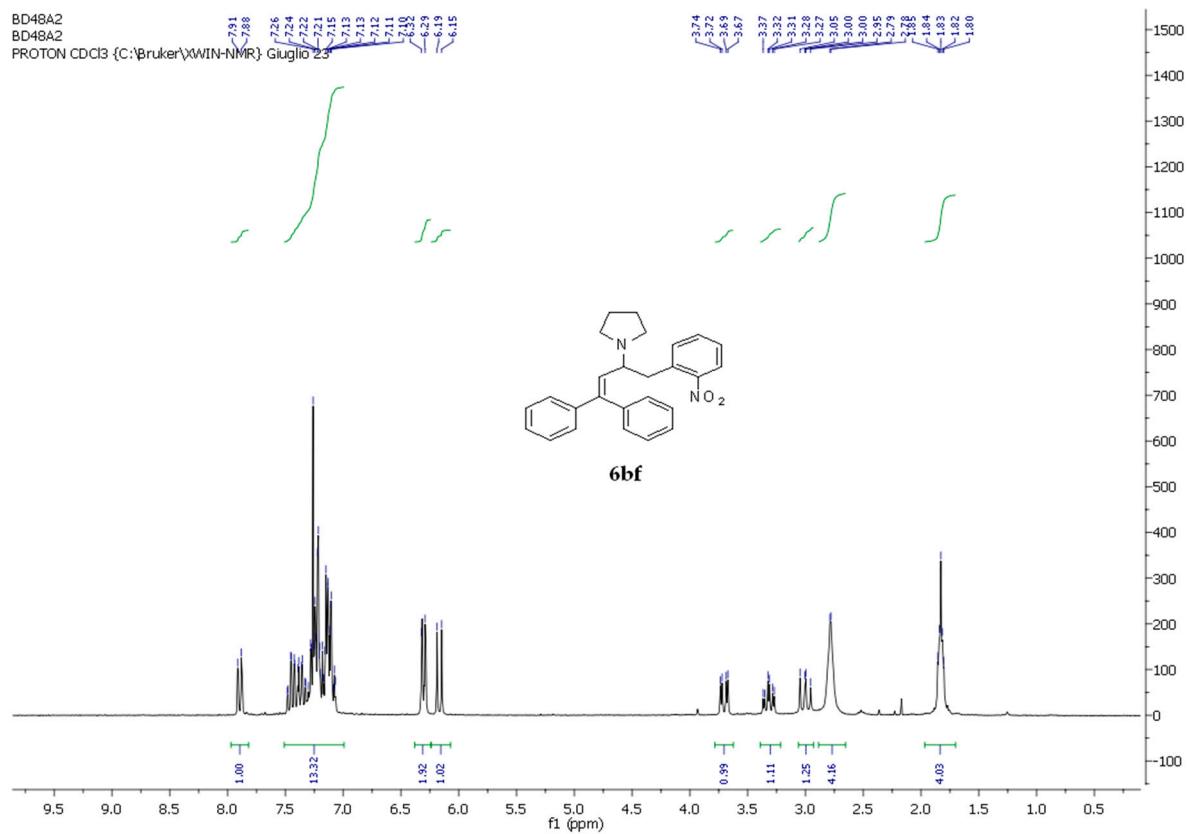


Figure S27. ^1H -NMR spectra of **6bf**.

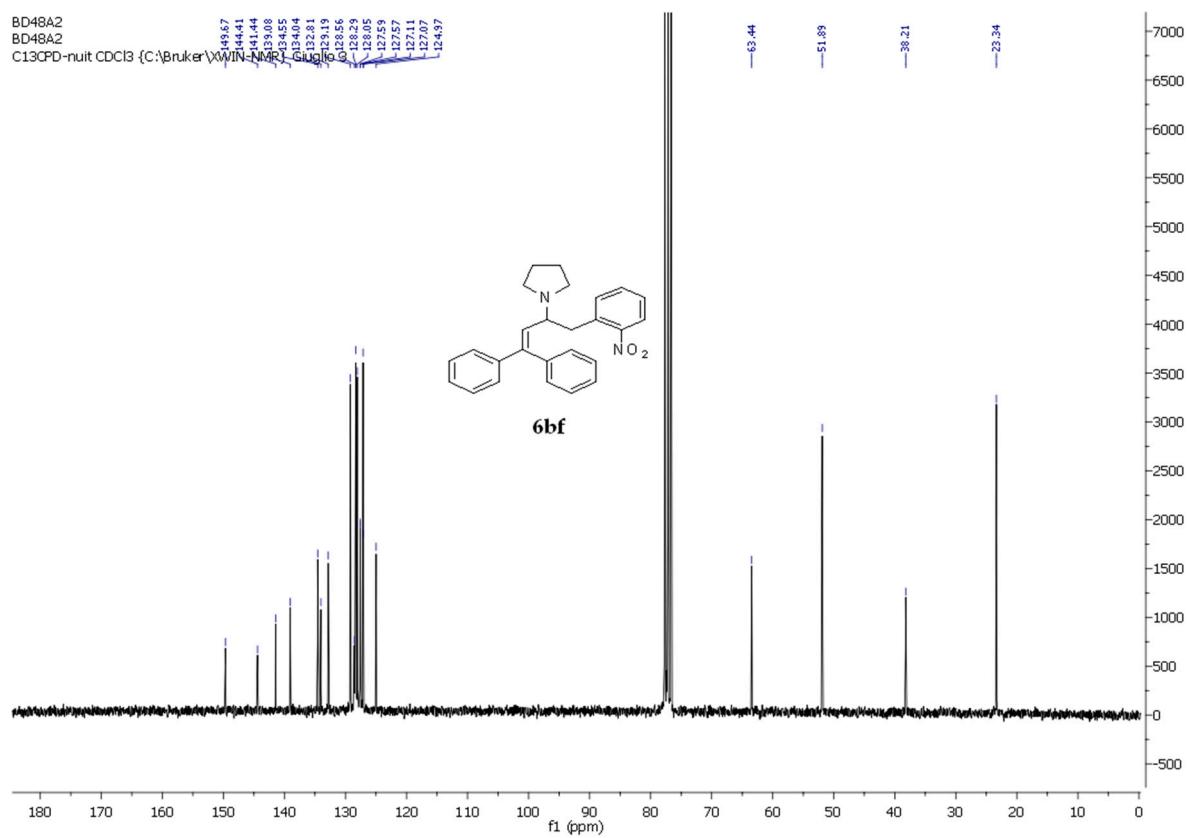


Figure S28. ^{13}C -NMR spectra of **6bf**.