

Supplementary Materials

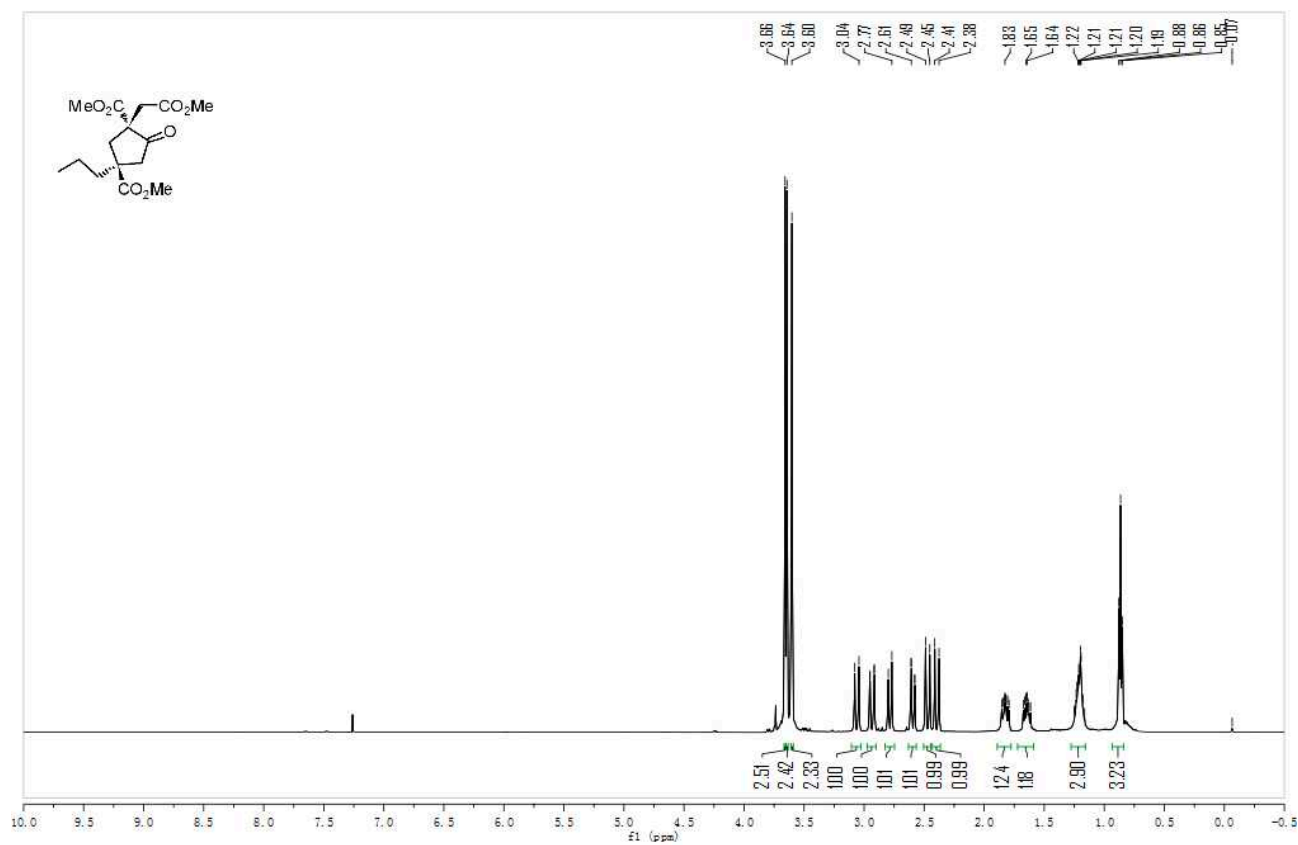


Figure S1. ¹H-NMR of *trans*-2a.

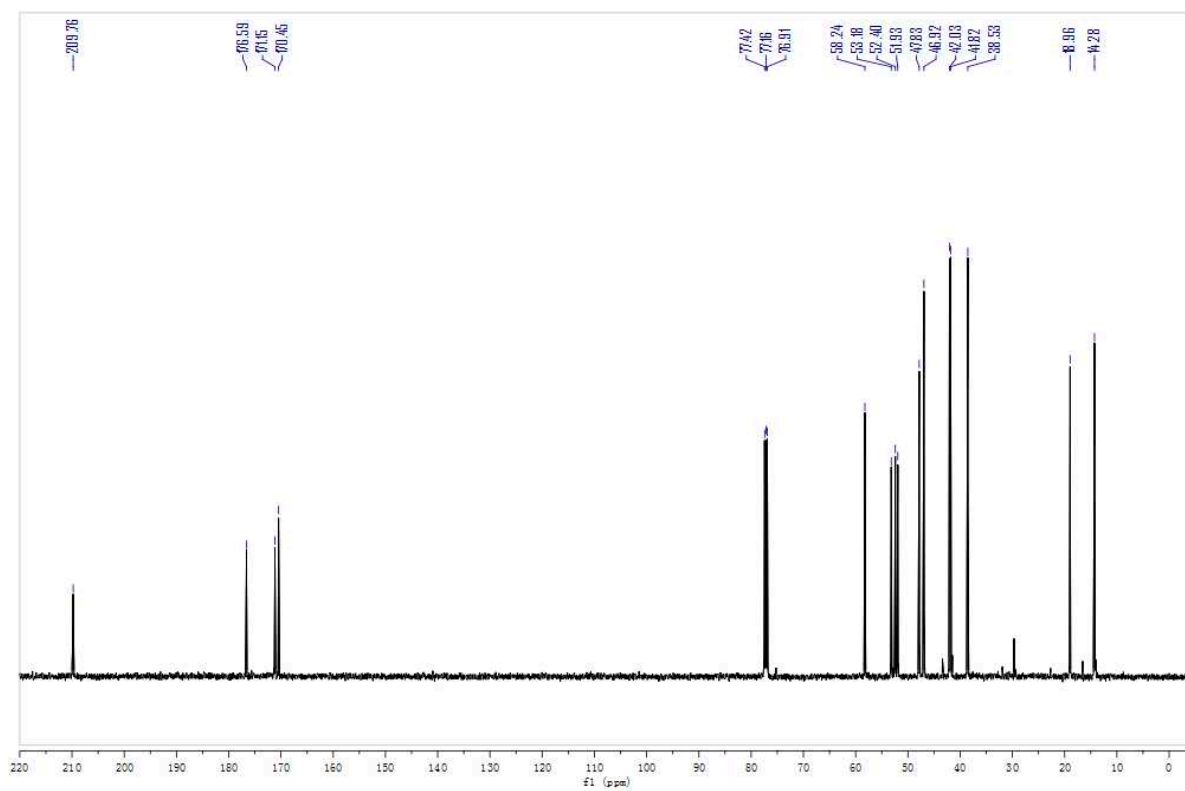
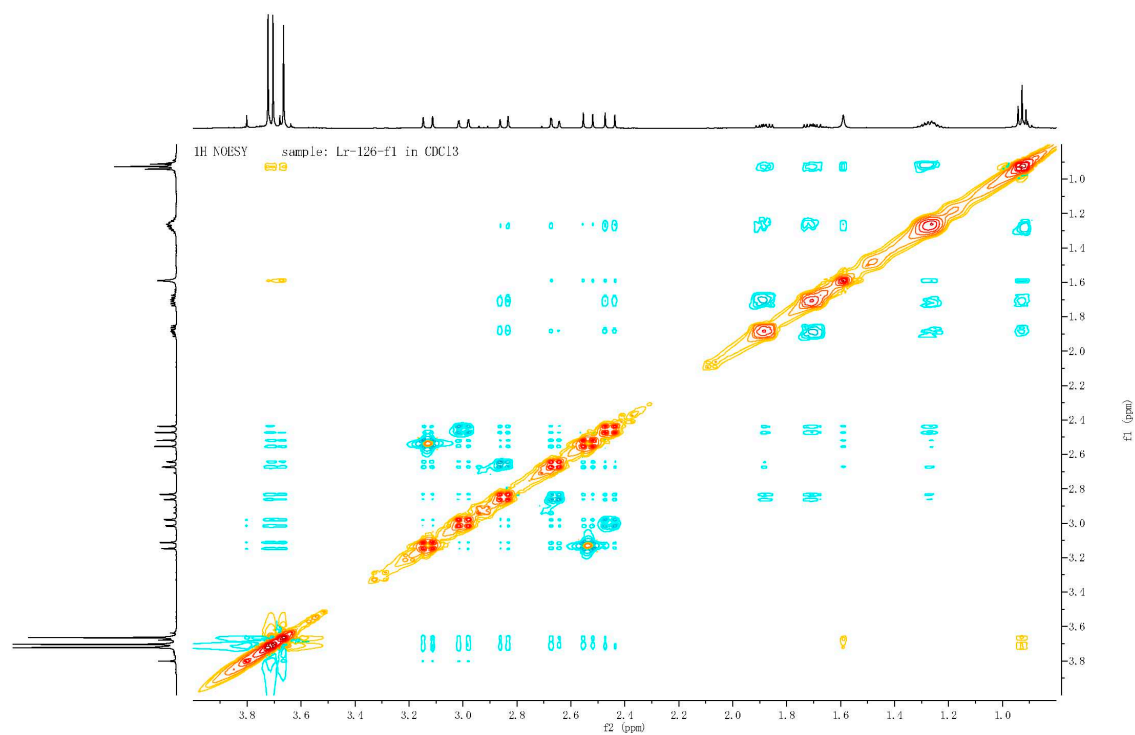
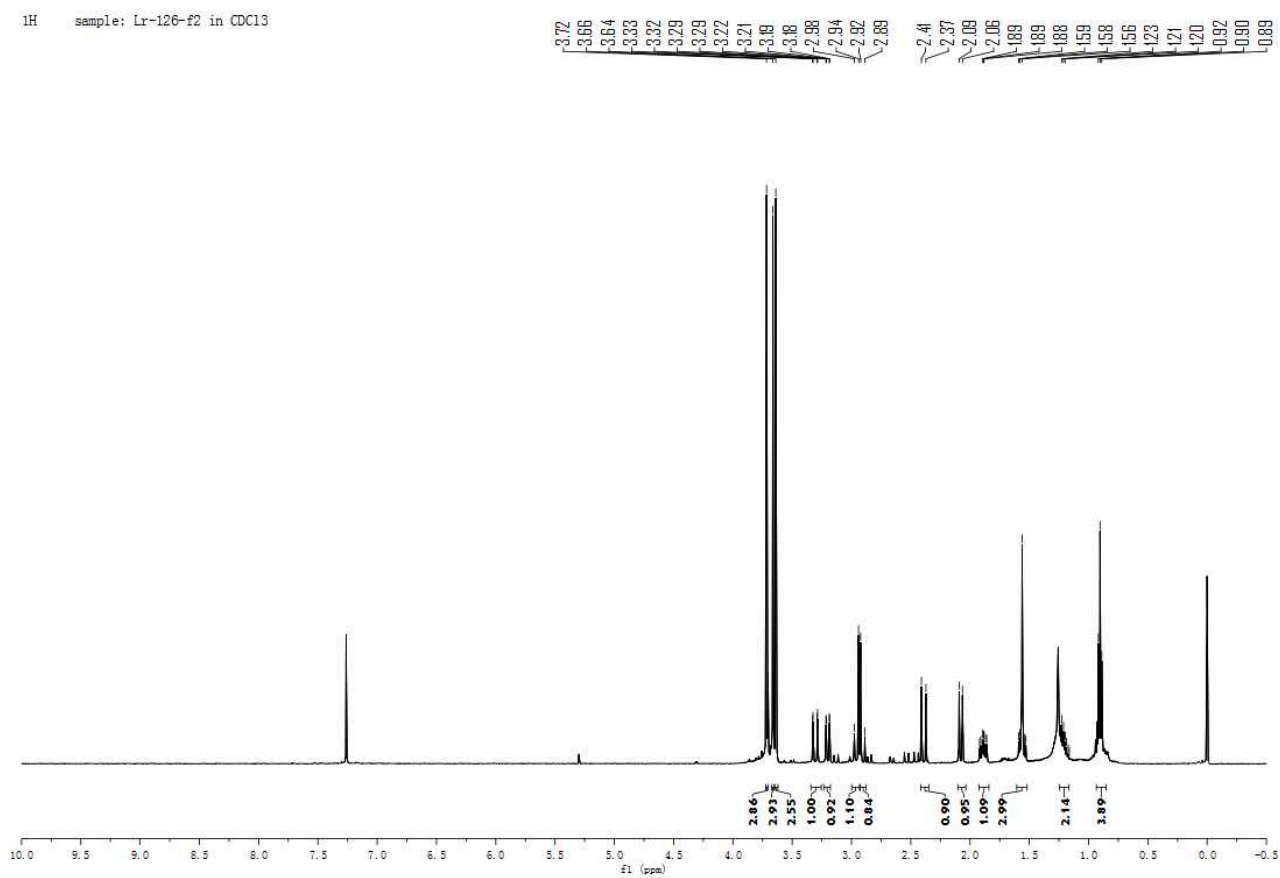
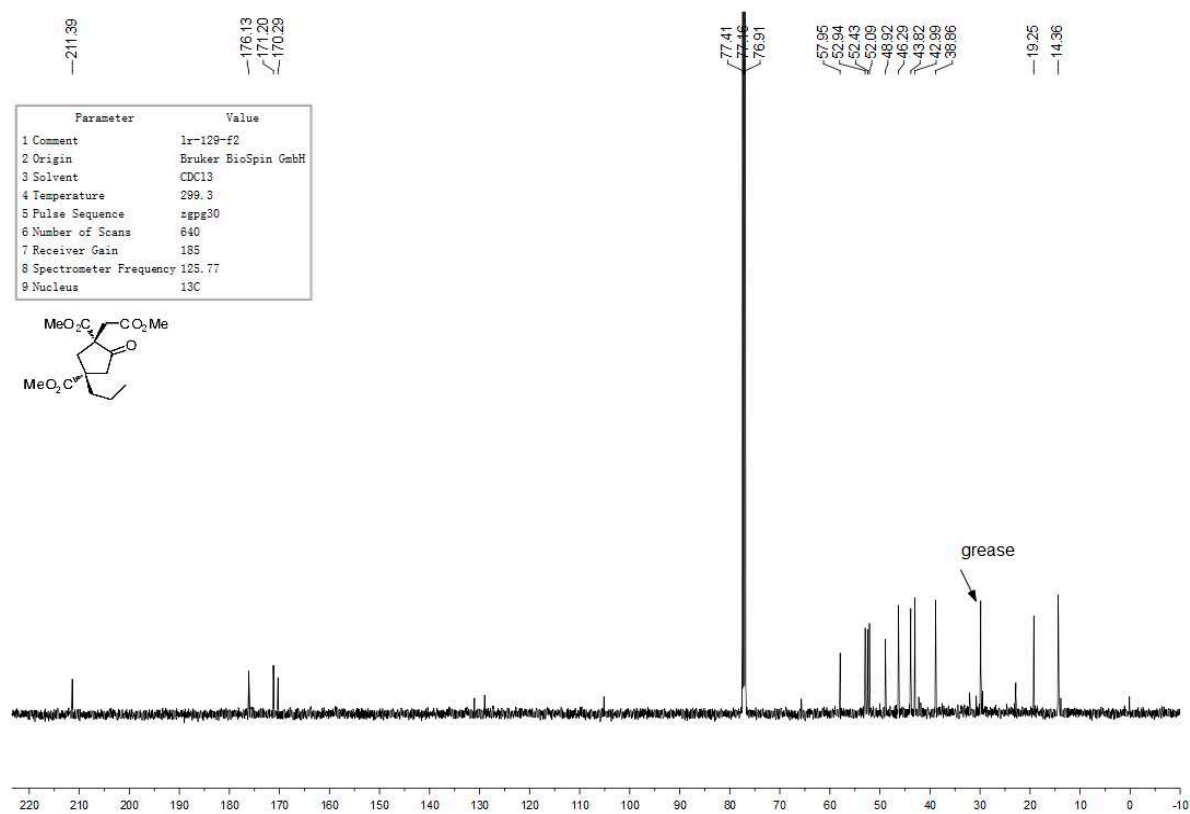
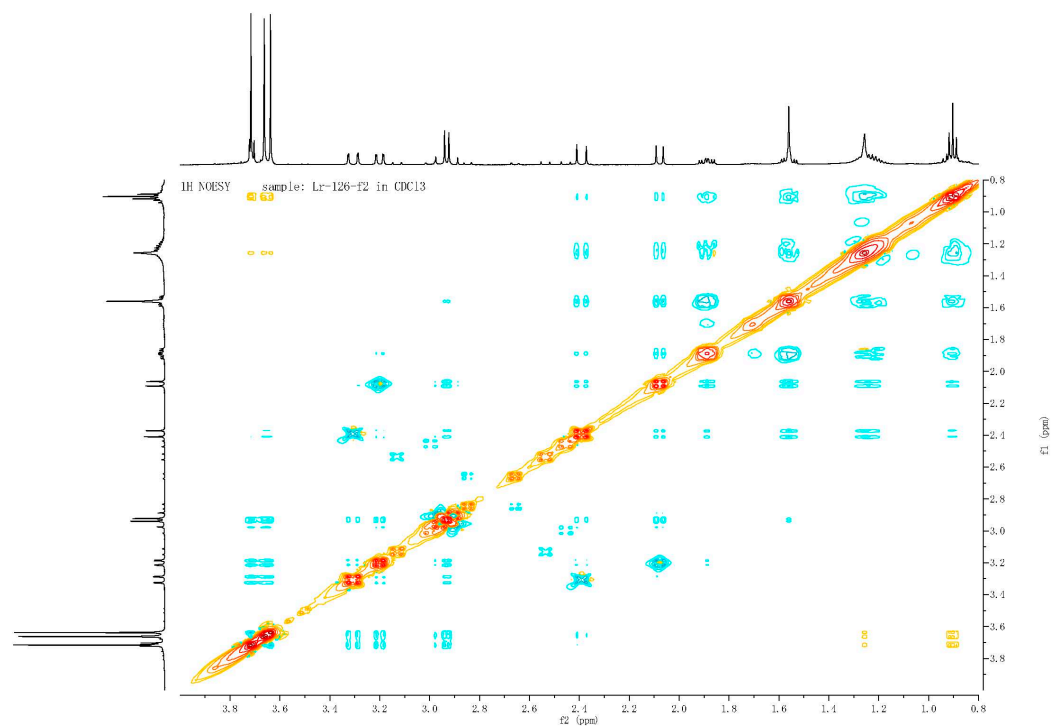
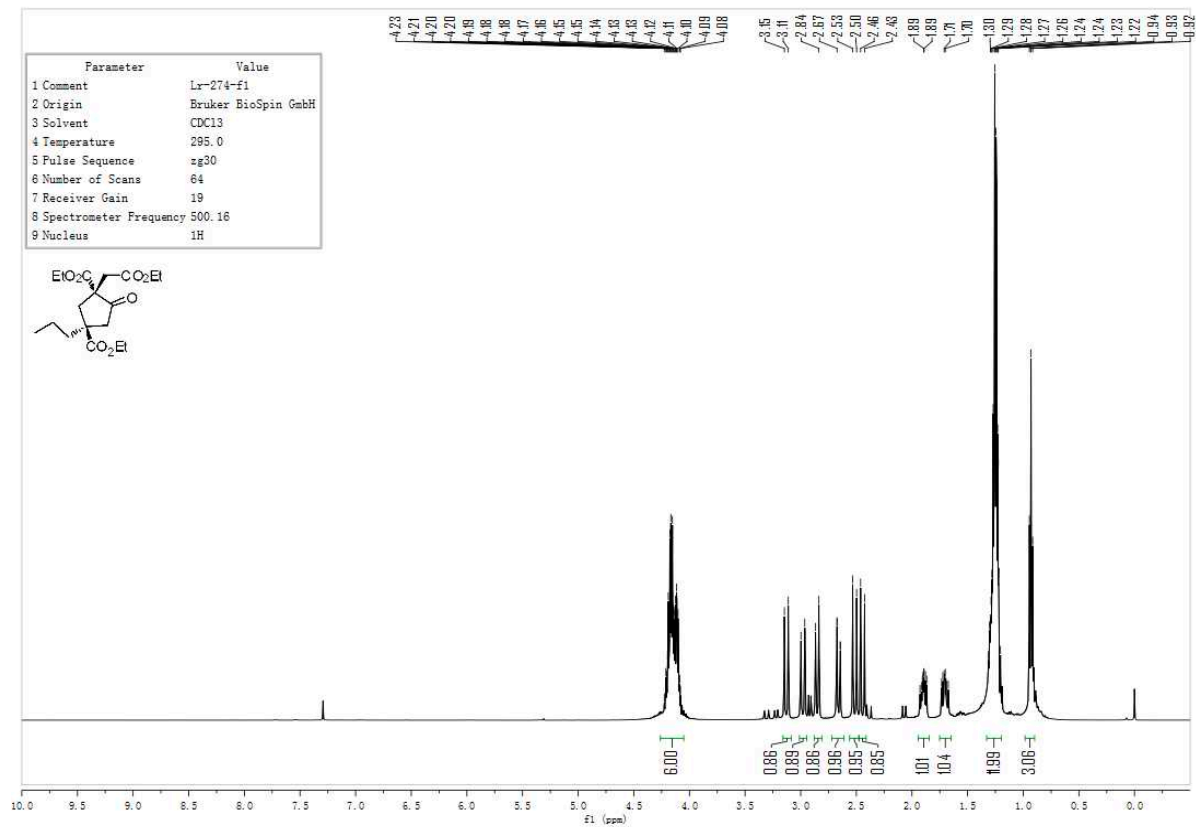
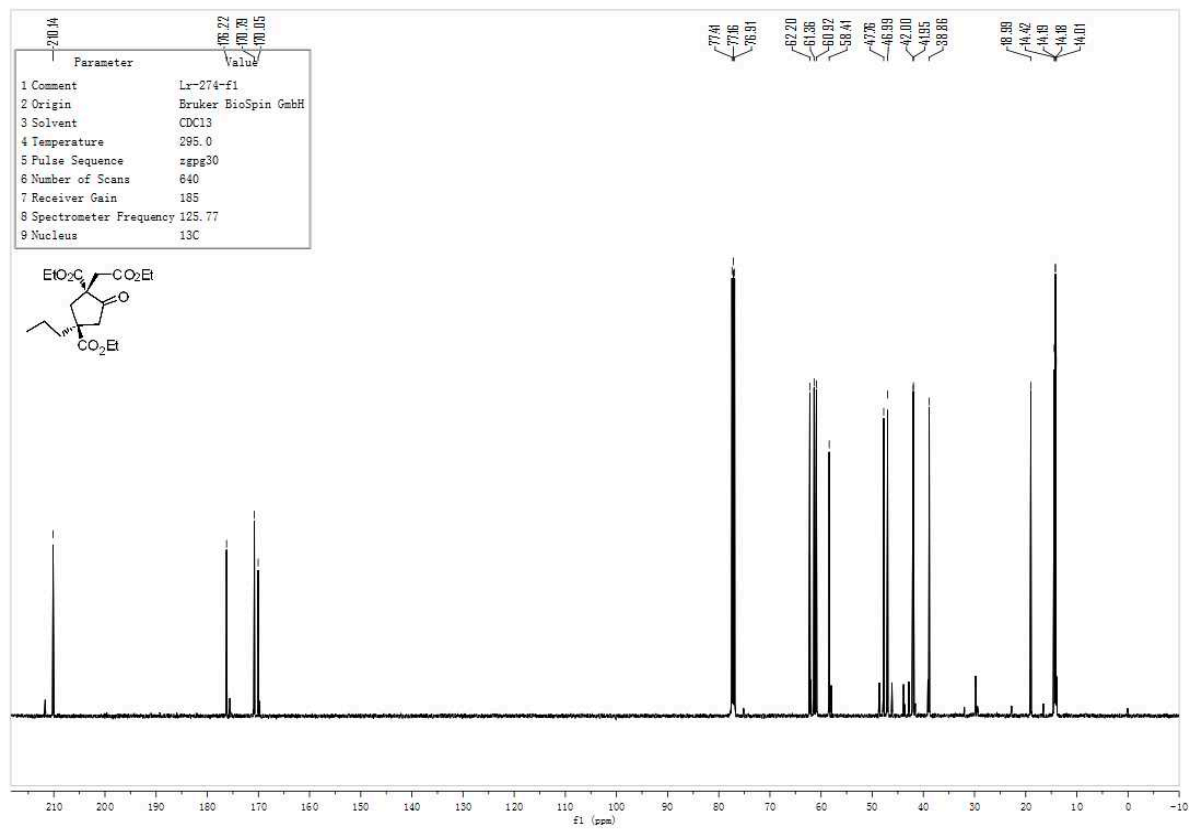
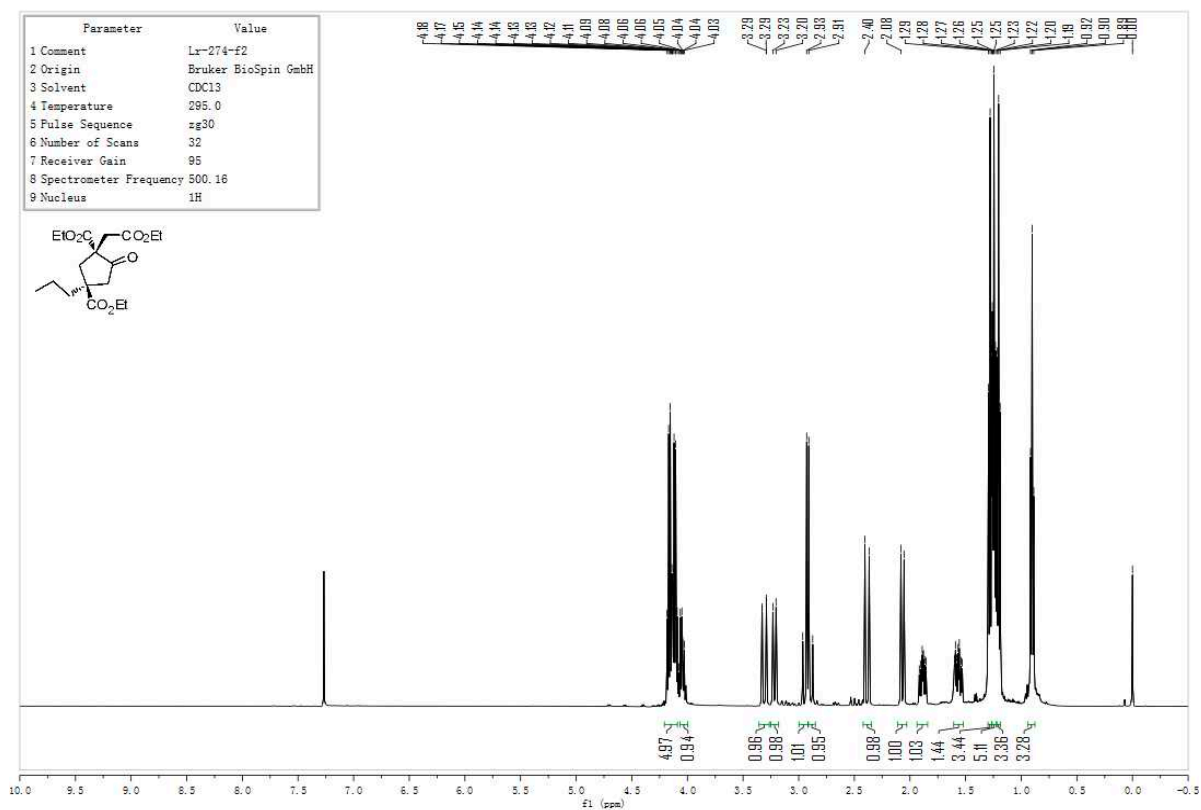
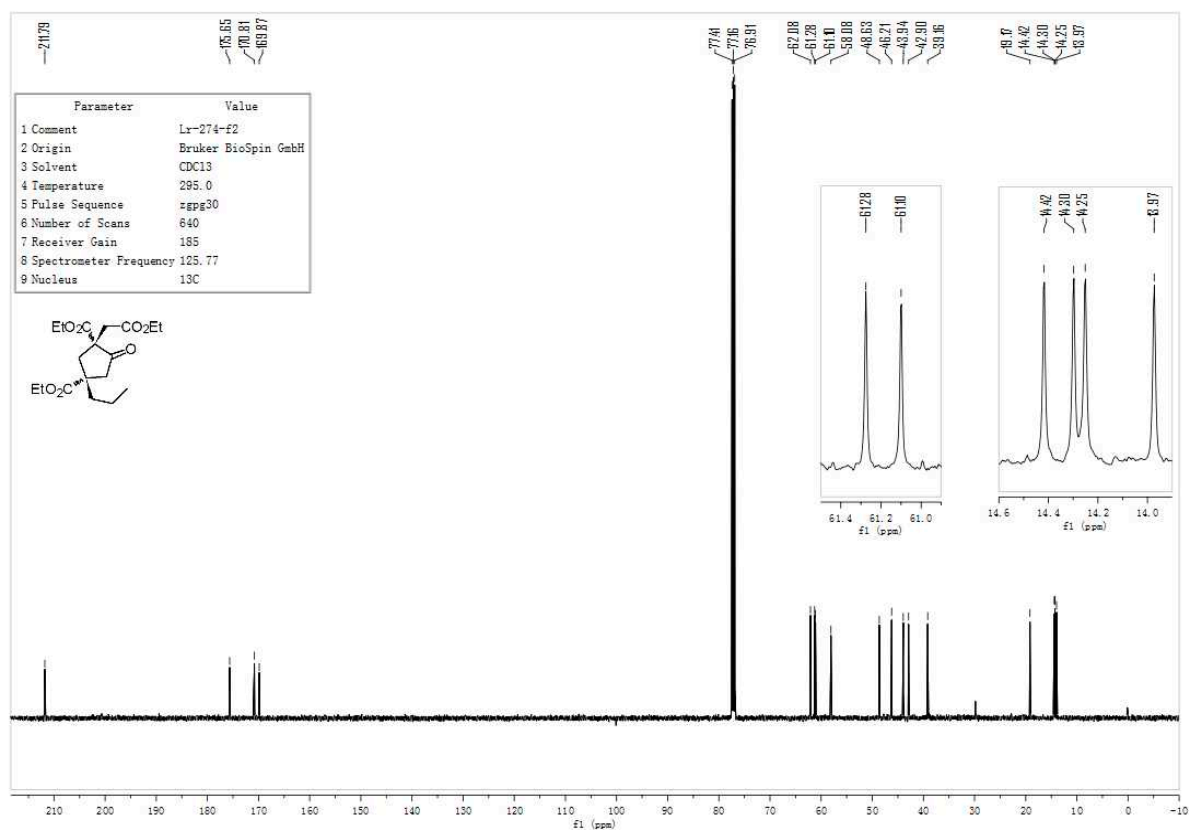


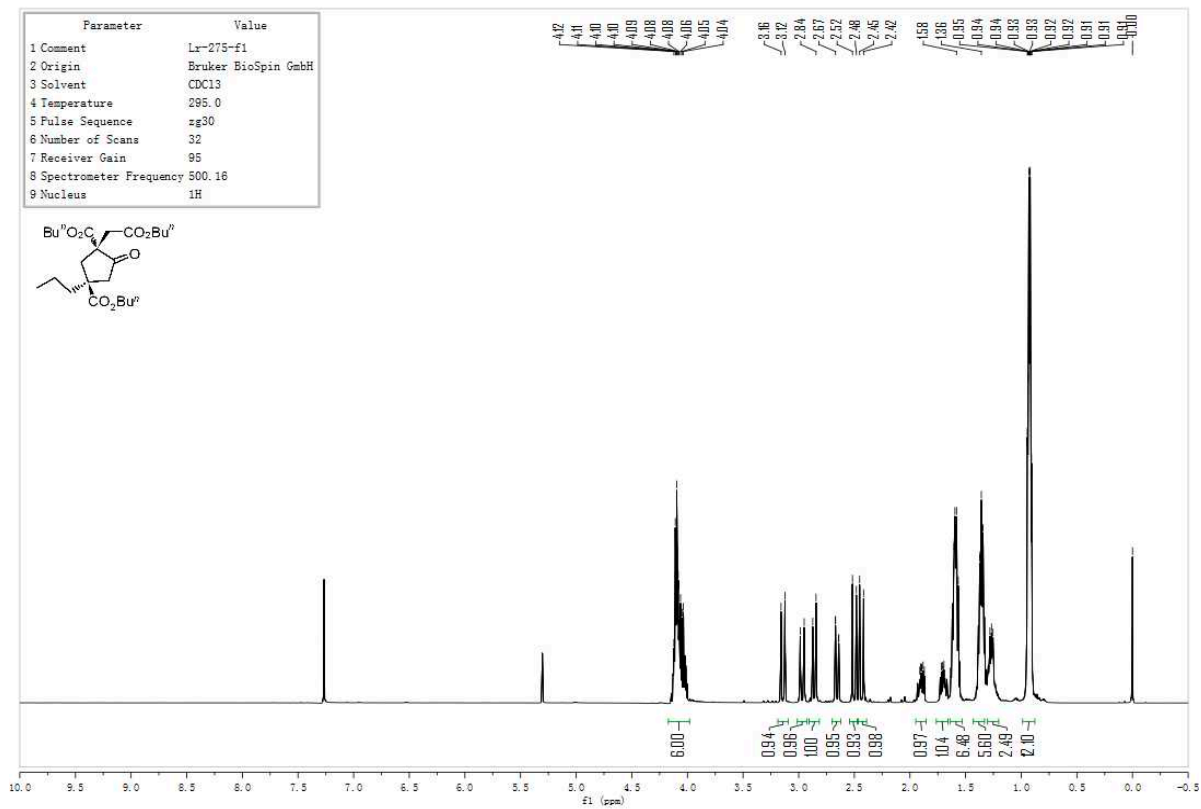
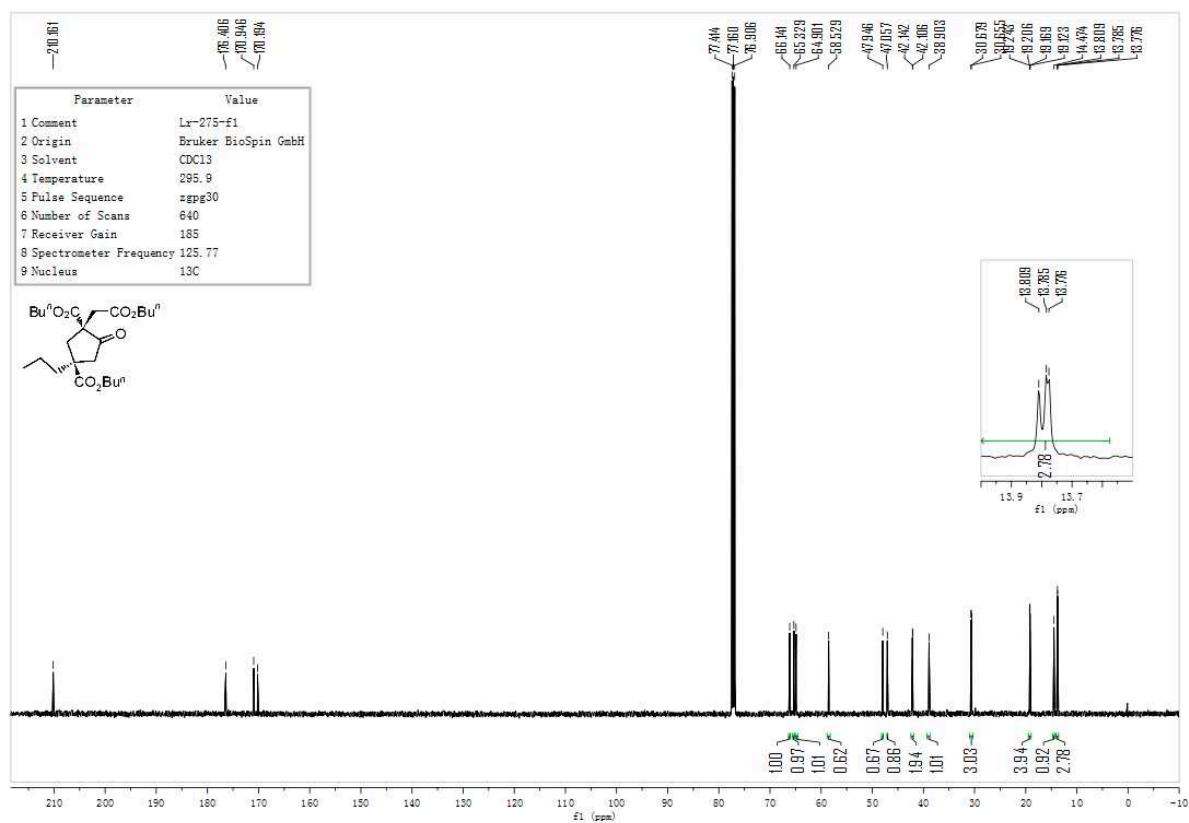
Figure S2. ¹³C-NMR of *trans*-2a.

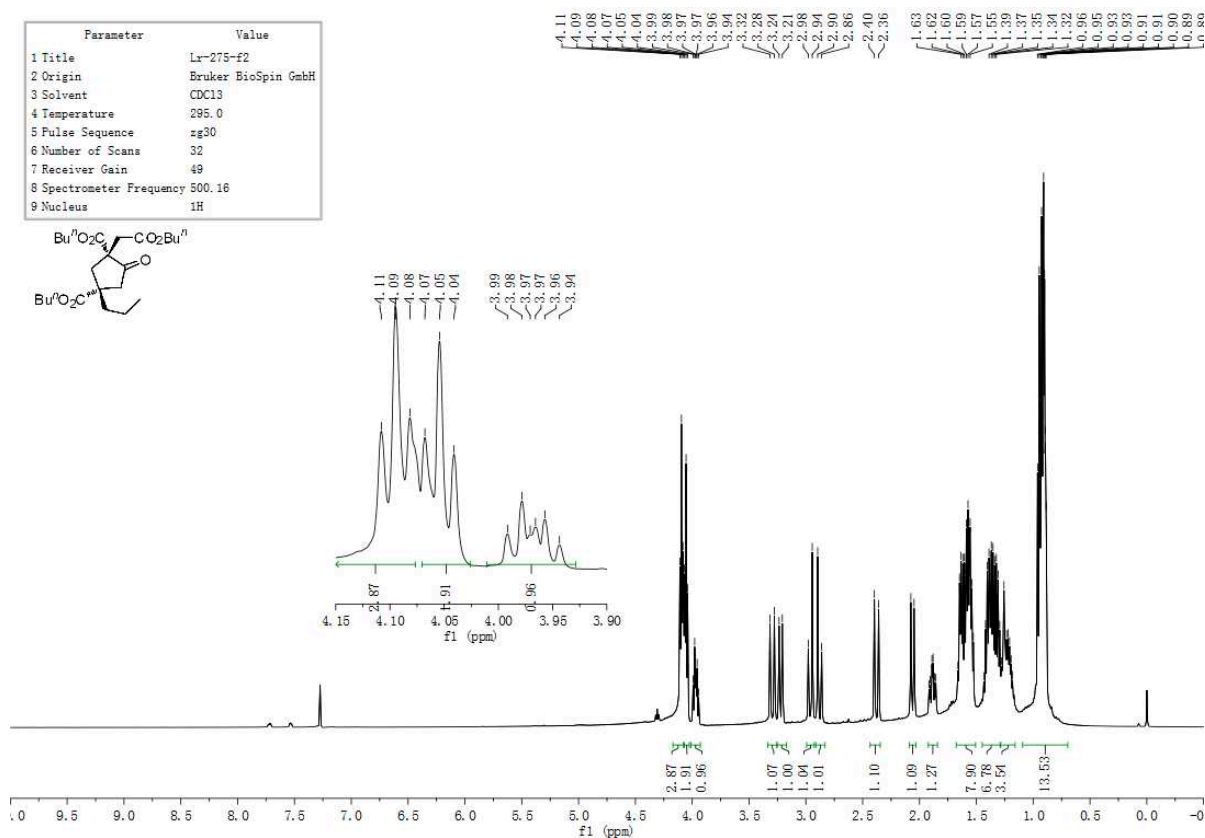
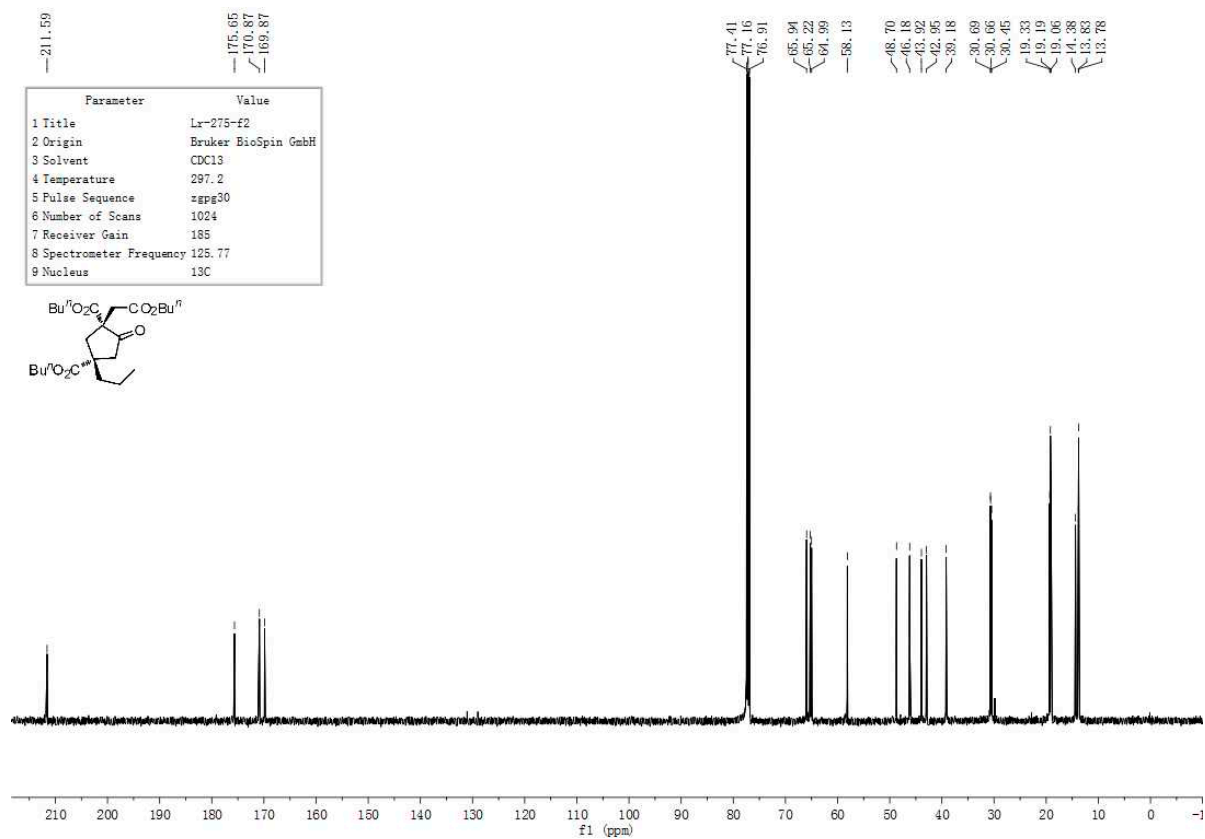
Figure S3. NOESY of *trans*-2a.Figure S4. ^1H -NMR of *cis*-2a.

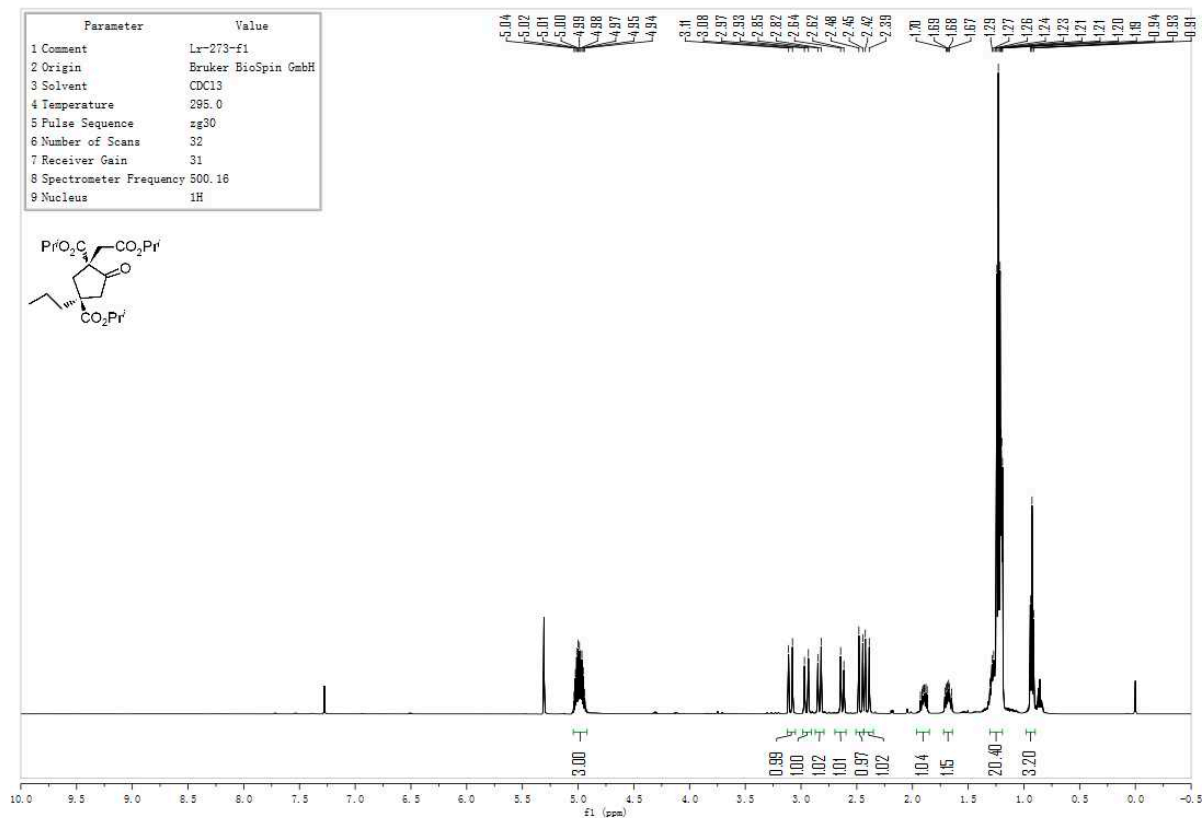
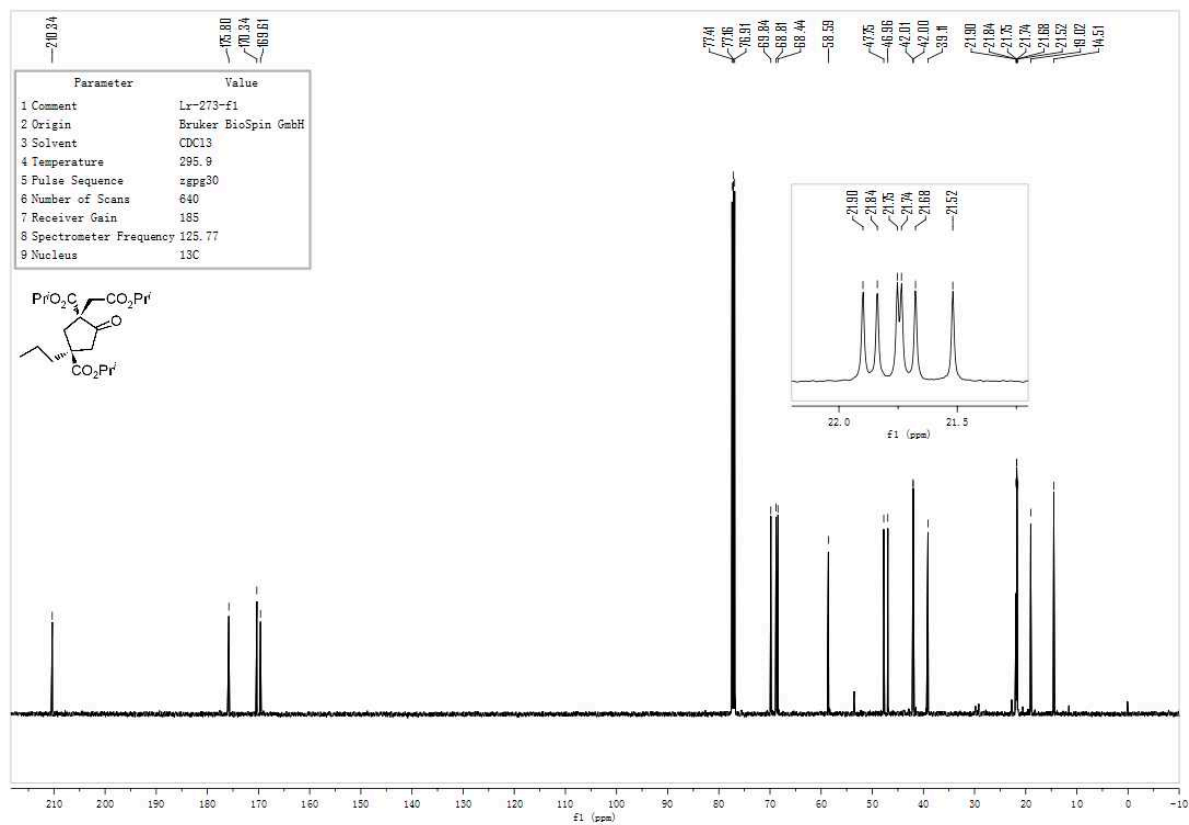
Figure S5. ¹³C-NMR of *cis*-2a.Figure S6. NOESY of *cis*-2a.

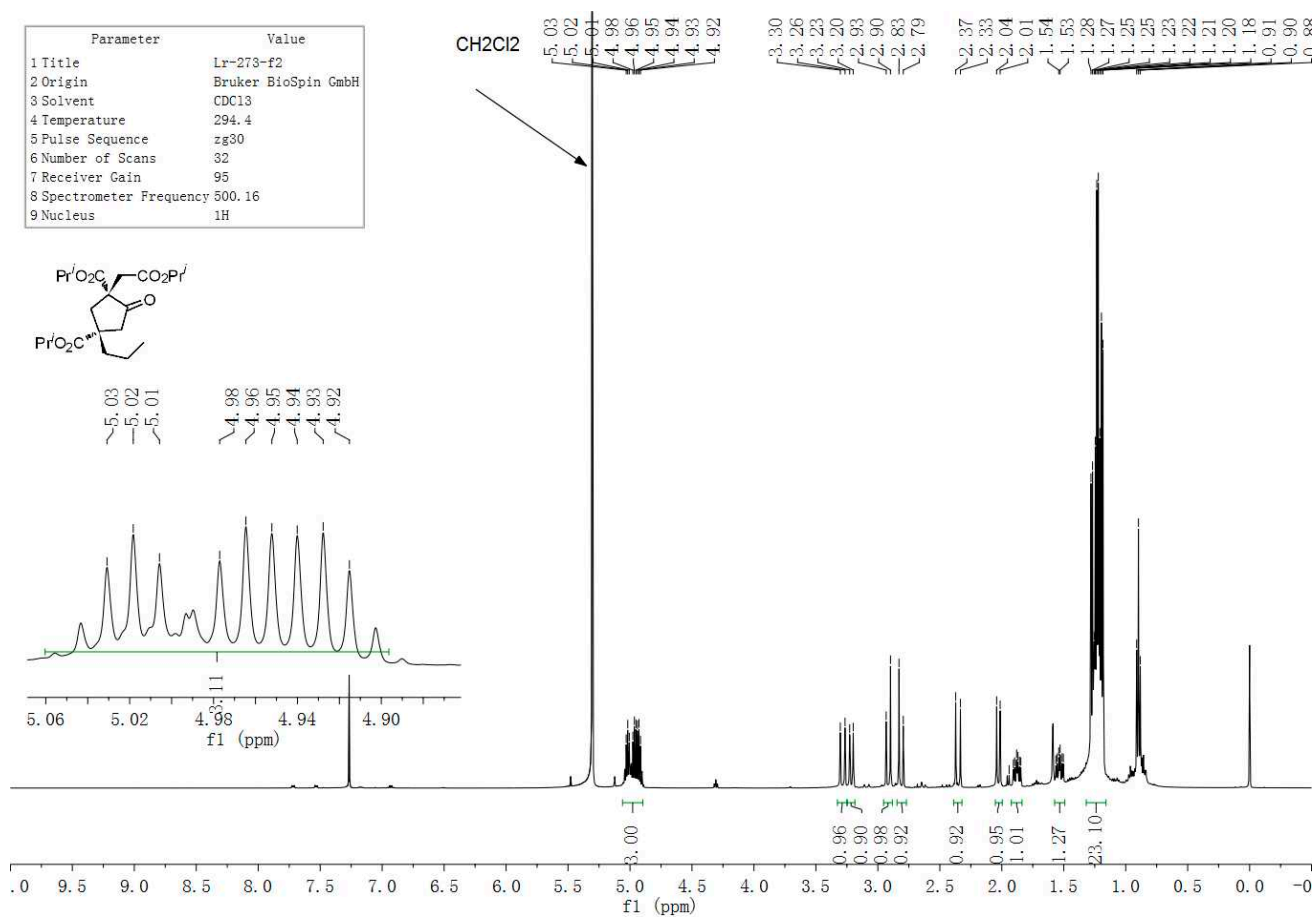
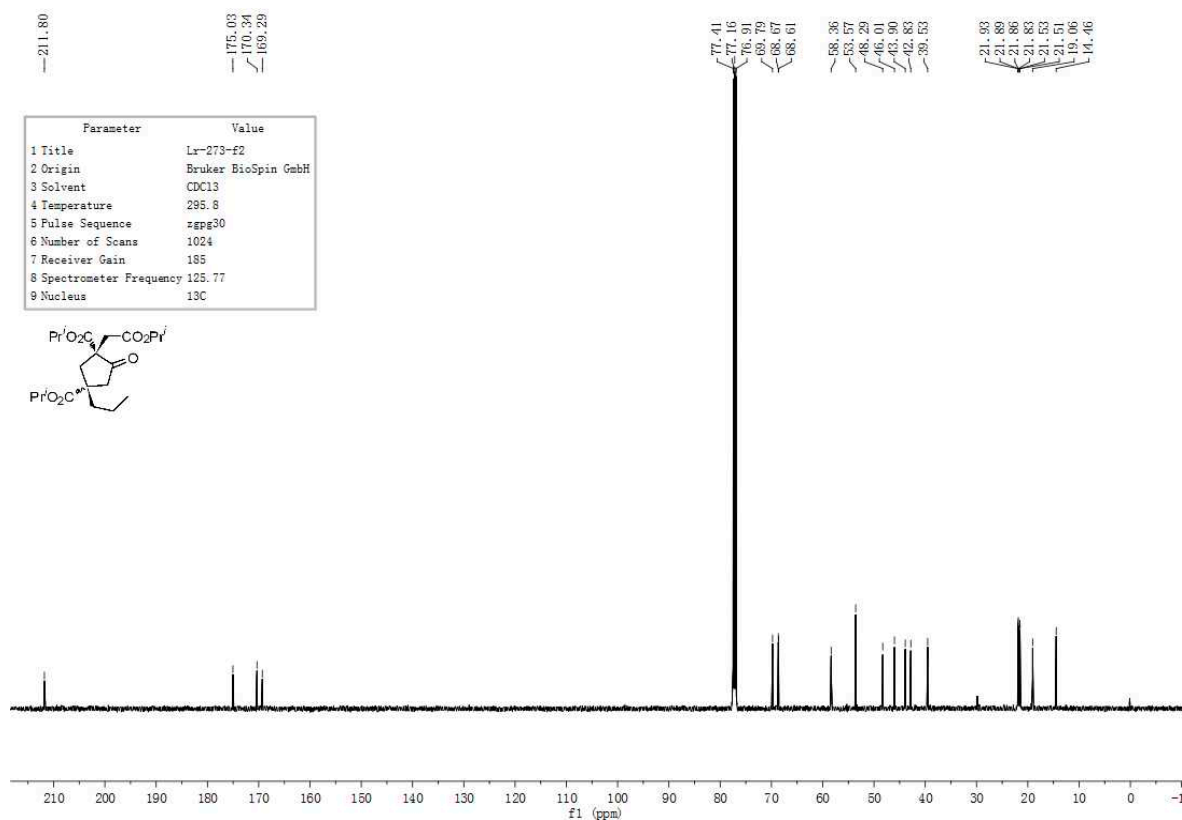
Figure S7. ^1H -NMR of *trans*-2b.Figure S8. ^{13}C -NMR of *trans*-2b.

Figure S9. ¹H-NMR of *cis*-2b.Figure S10. ¹³C-NMR of *cis*-2b.

Figure S11. ¹H-NMR of *trans*-2c.Figure S12. ¹³C-NMR of *trans*-2c.

Figure S13. ¹H-NMR of *cis*-2c.Figure S14. ¹³C-NMR of *cis*-2c.

Figure S15. ¹H-NMR of *trans*-2d.Figure S16. ¹³C-NMR of *trans*-2d.

Figure S17. ¹H-NMR of *cis*-2d.Figure S18. ¹³C-NMR of *cis*-2d.

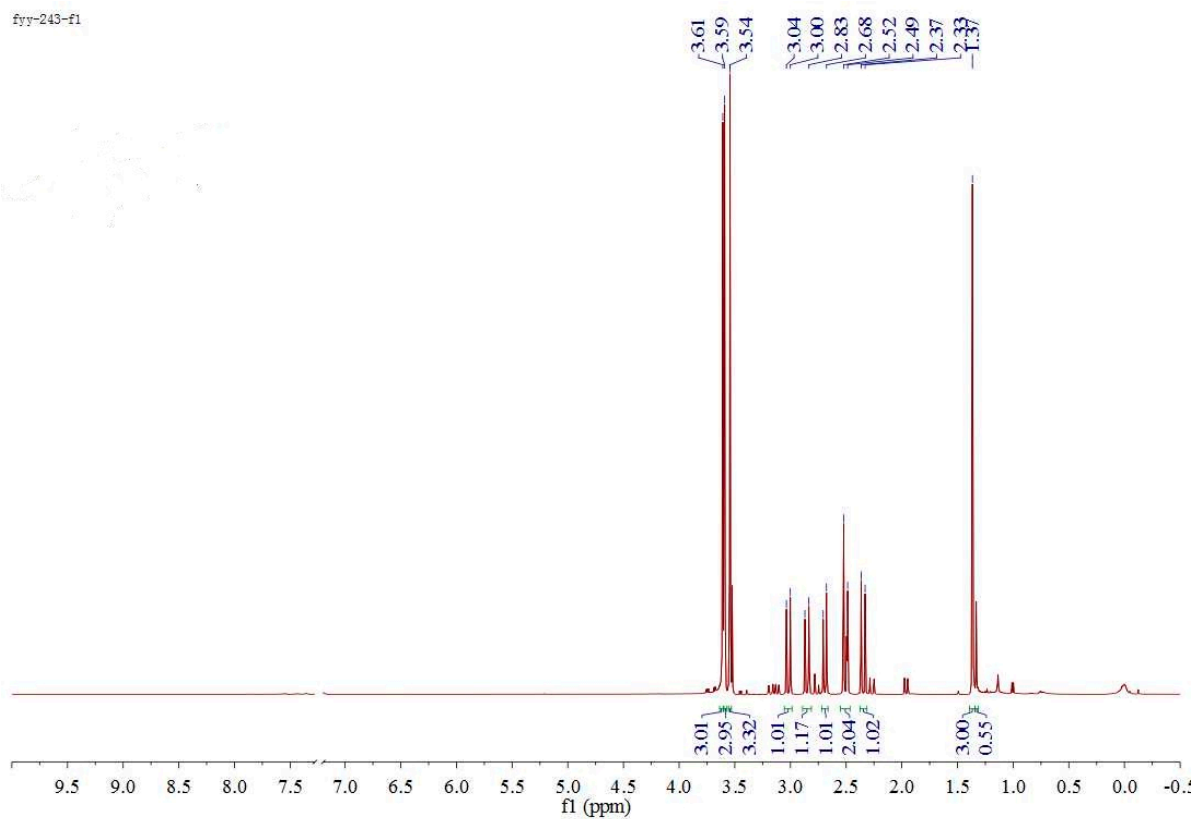


Figure S19. ^1H NMR of *cis*-3a.

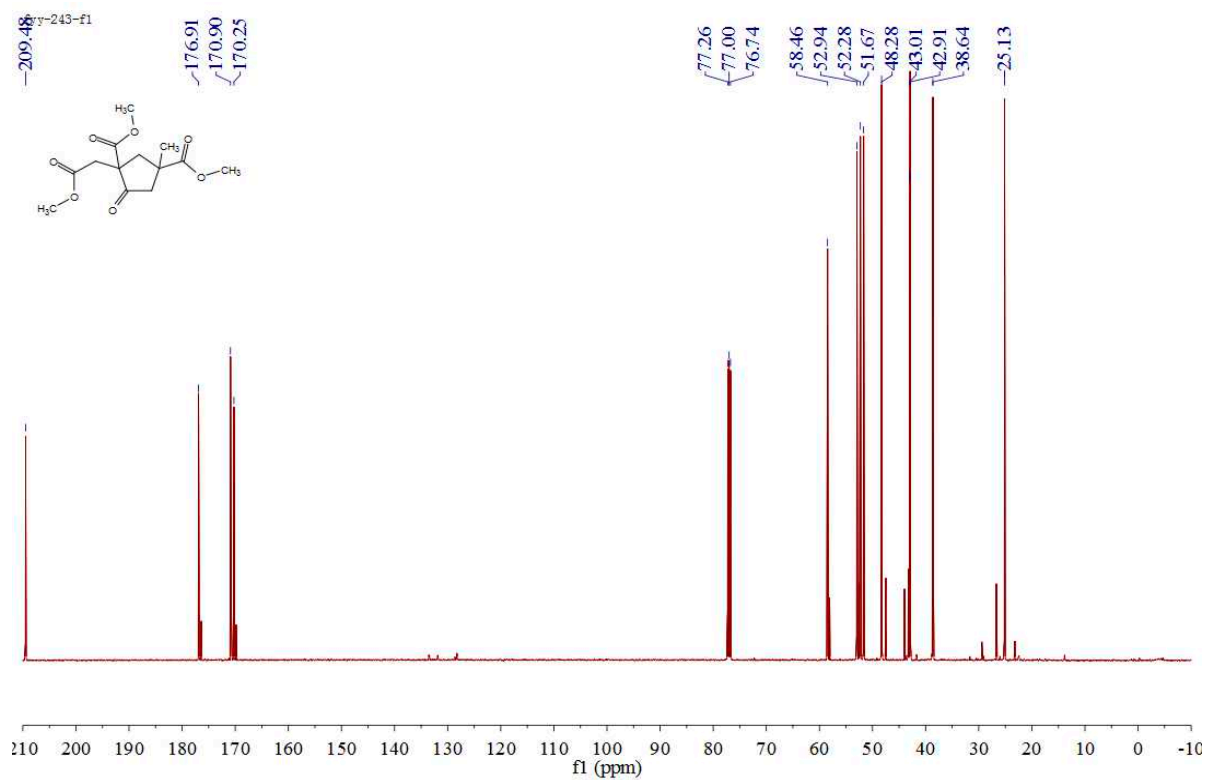


Figure S20. ^{13}C NMR of *cis*-3a.

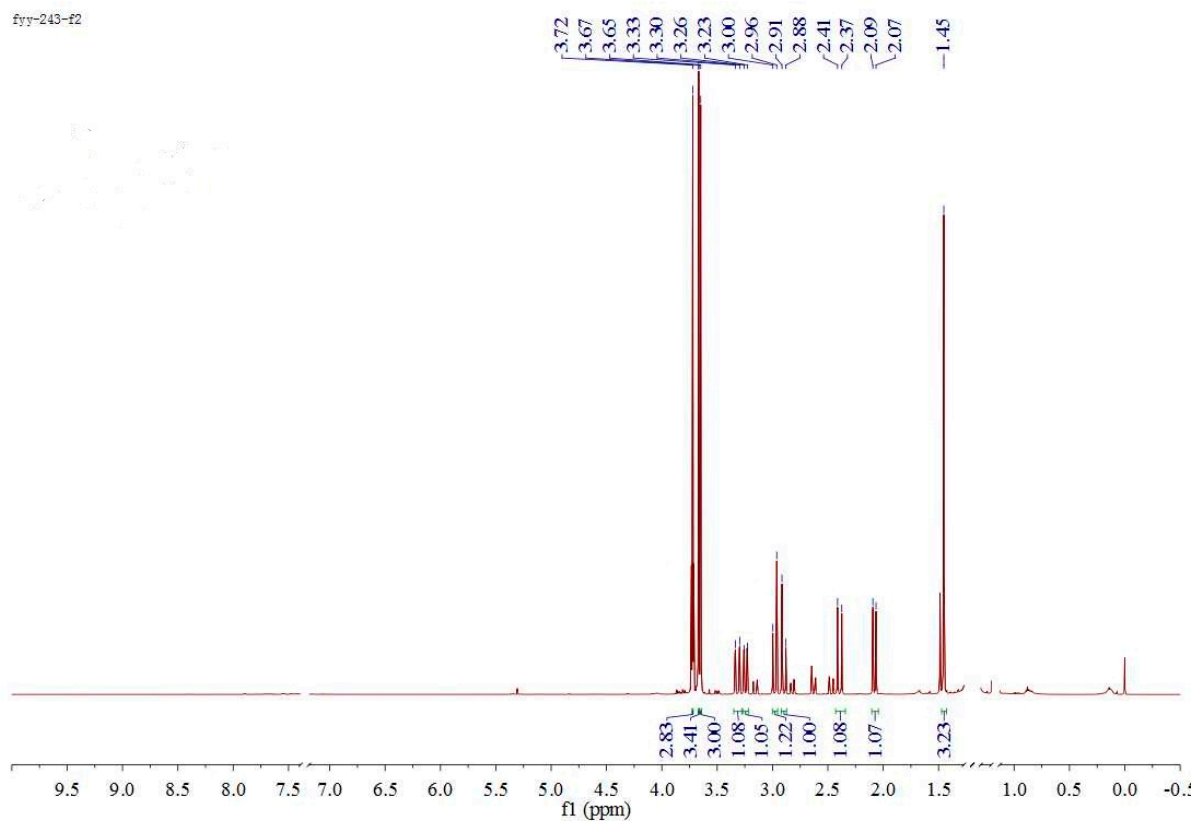


Figure S21. ^1H NMR of *trans*-3a.

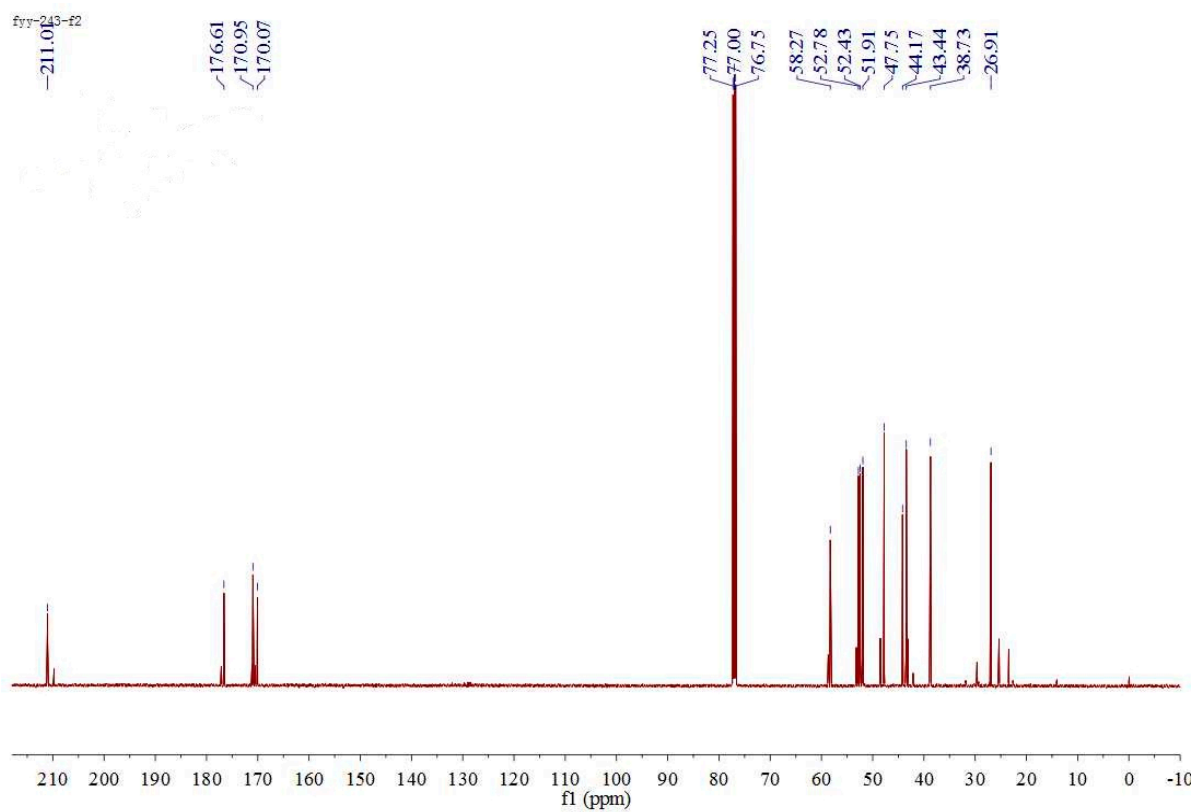


Figure S22. ^{13}C NMR of *trans*-3a.

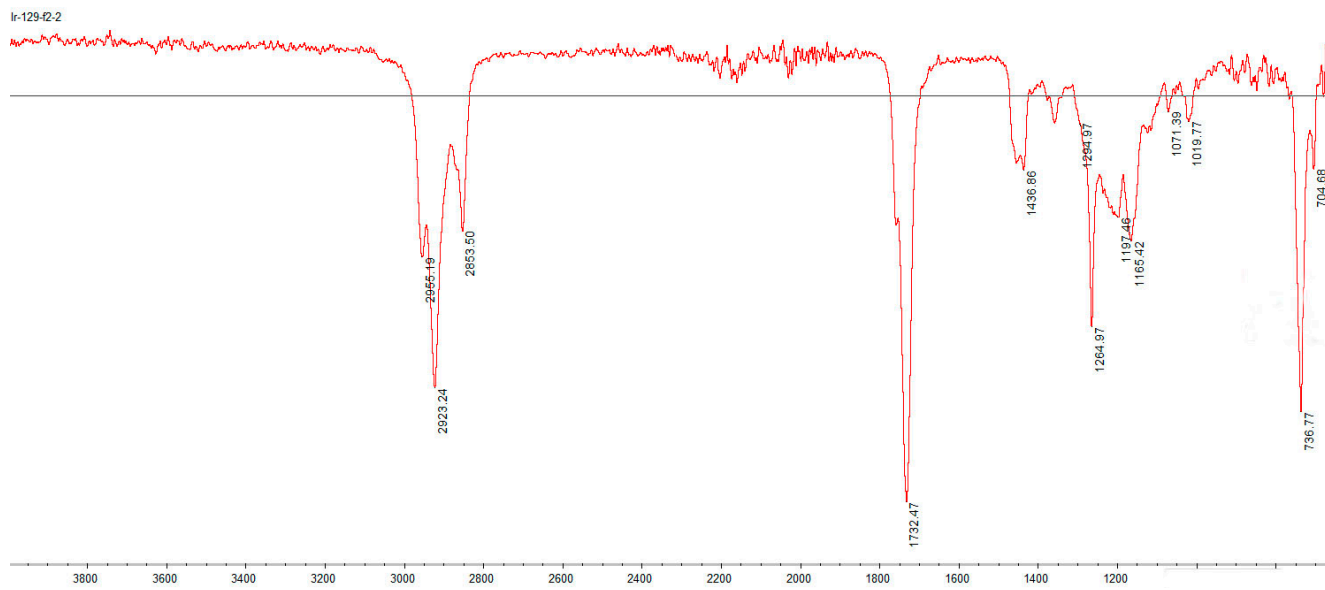


Figure S23. IR of *cis*-2a.

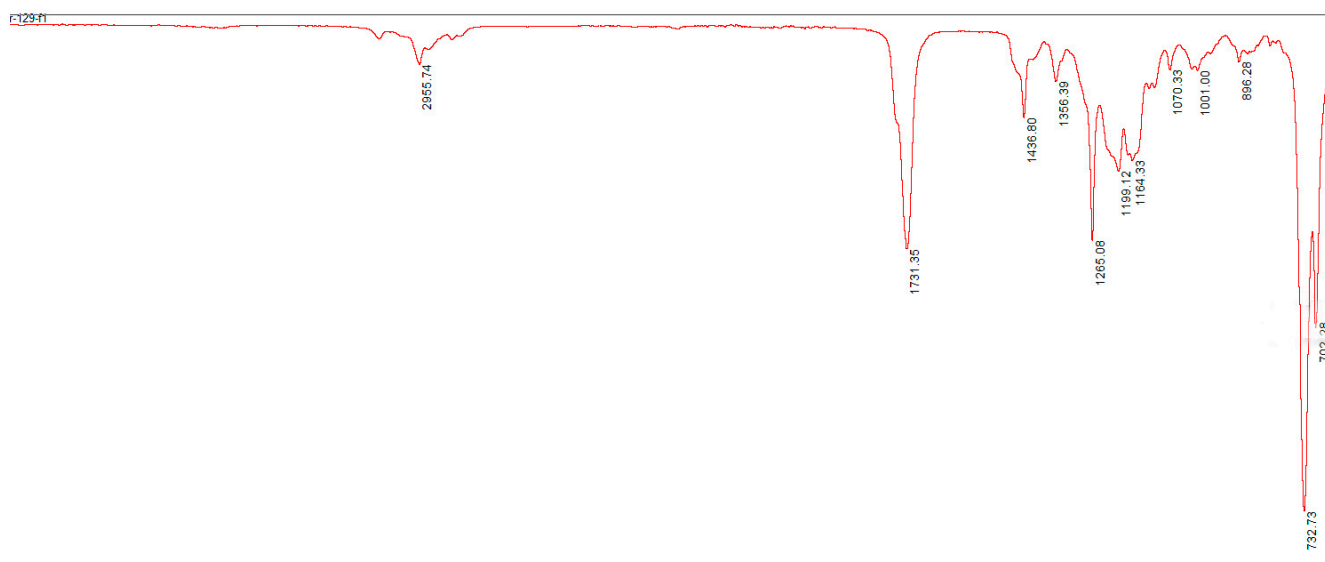
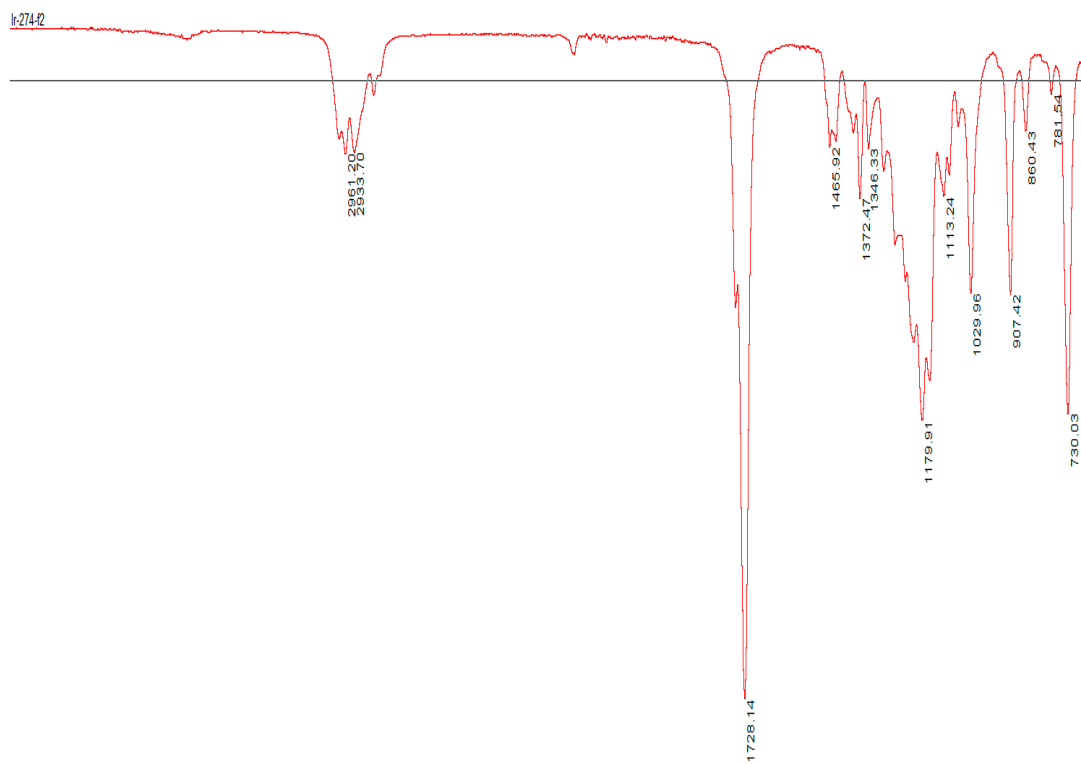
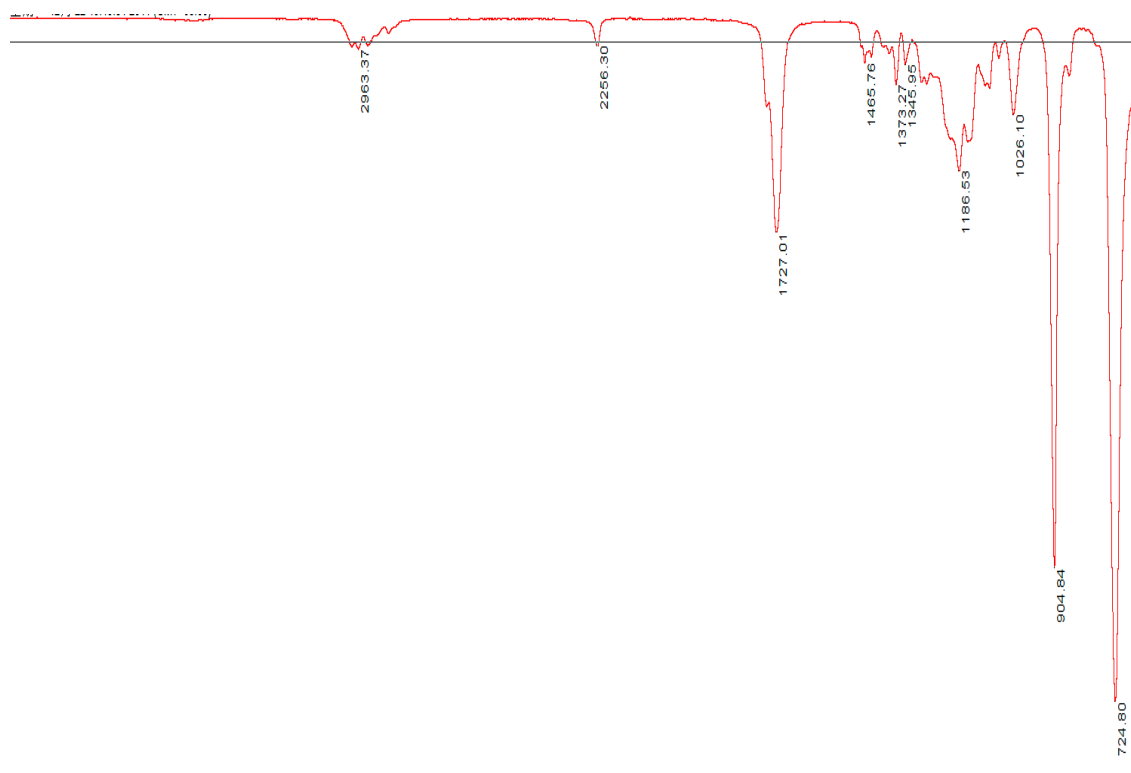


Figure S24. IR of *trans*-2a.

Figure S25. IR of *cis*-2b.Figure S26. IR of *trans*-2b.

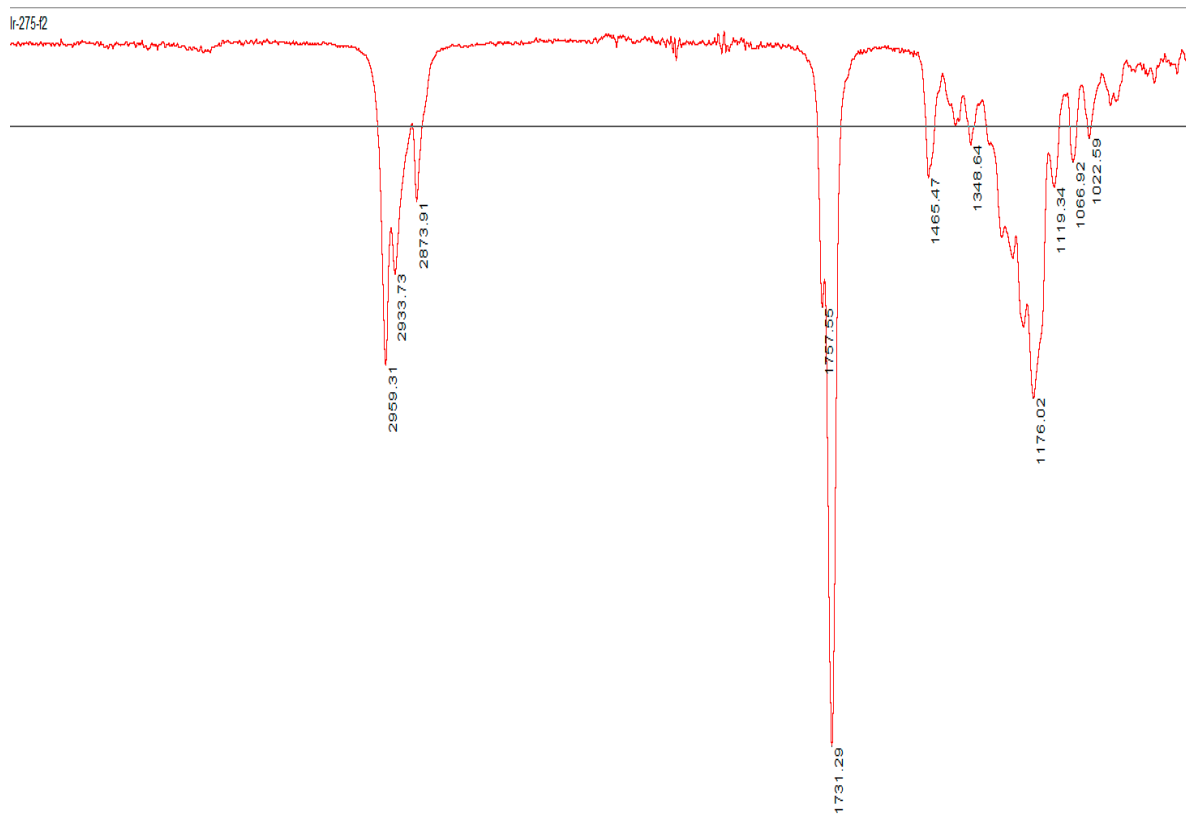


Figure S27. IR of *cis*-2c.

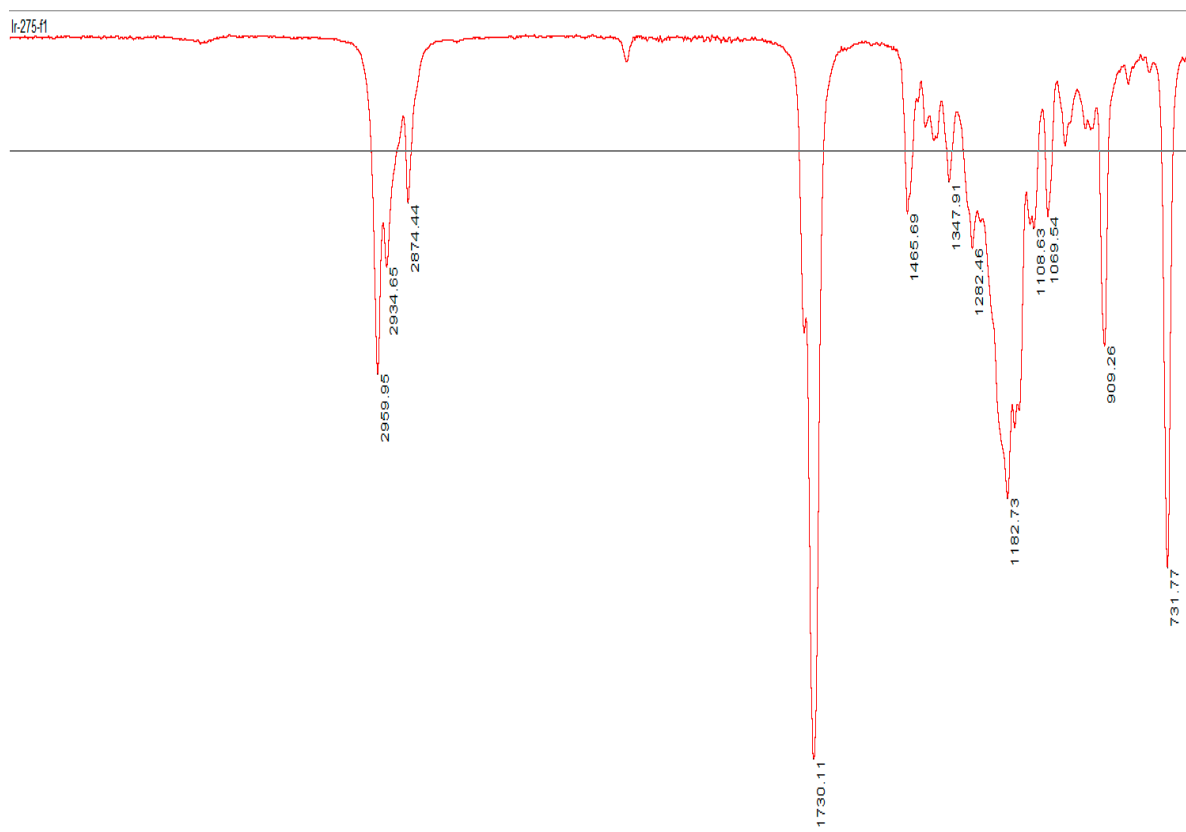


Figure S28. IR of *trans*-2c.

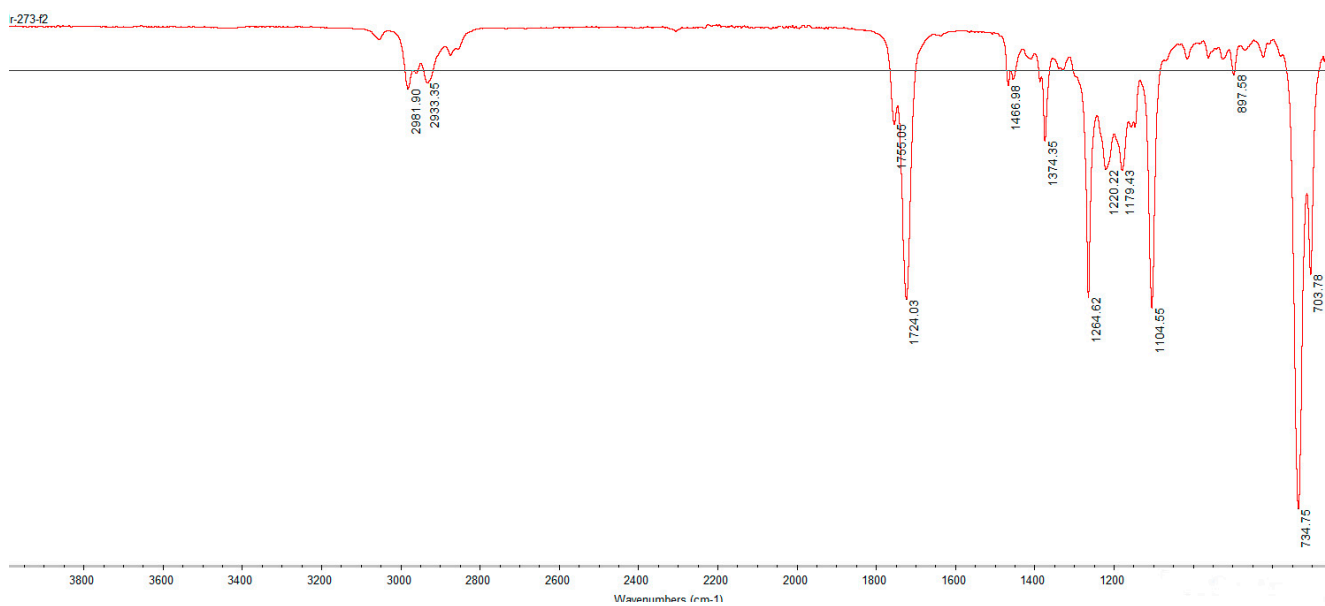


Figure S29. IR of *cis*-2d.

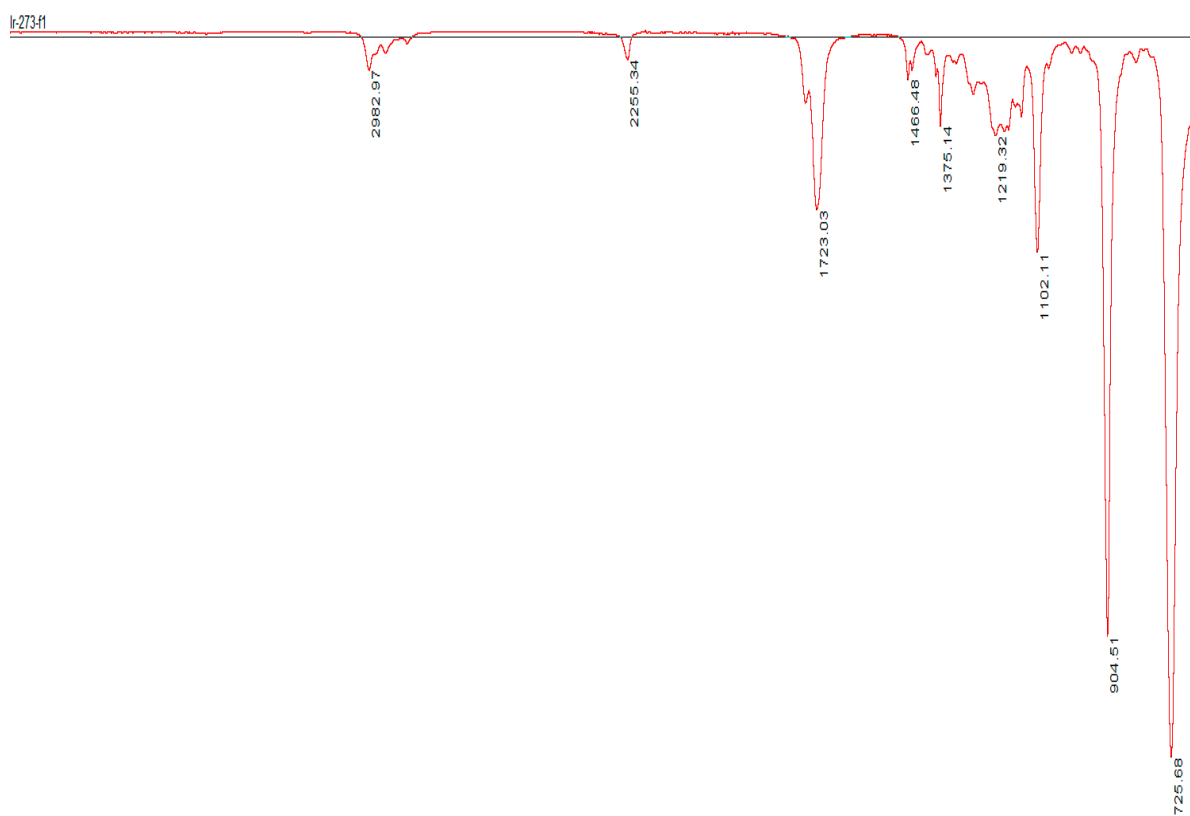


Figure S30. IR of *trans*-2d.