

Supplementary Materials: New Isoxazolidine-Conjugates of Quinazolinones— Synthesis, Antiviral and Cytostatic activity

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Magdalena Grabkowska-Druzyc

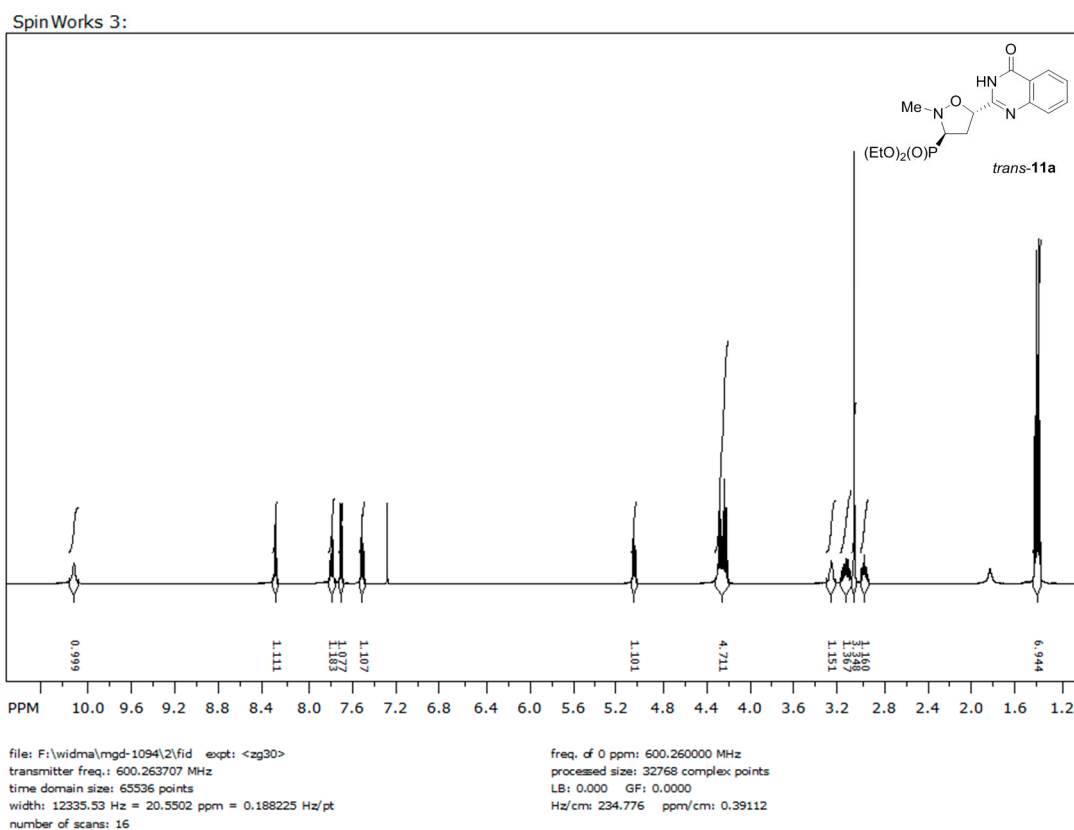
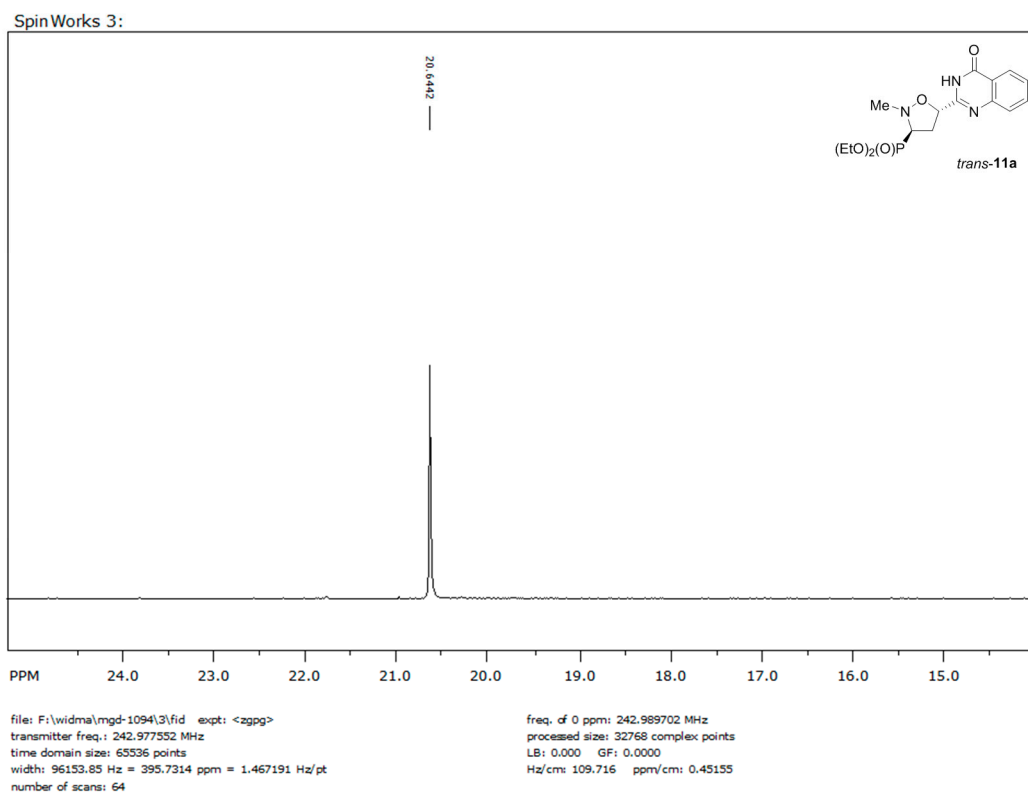
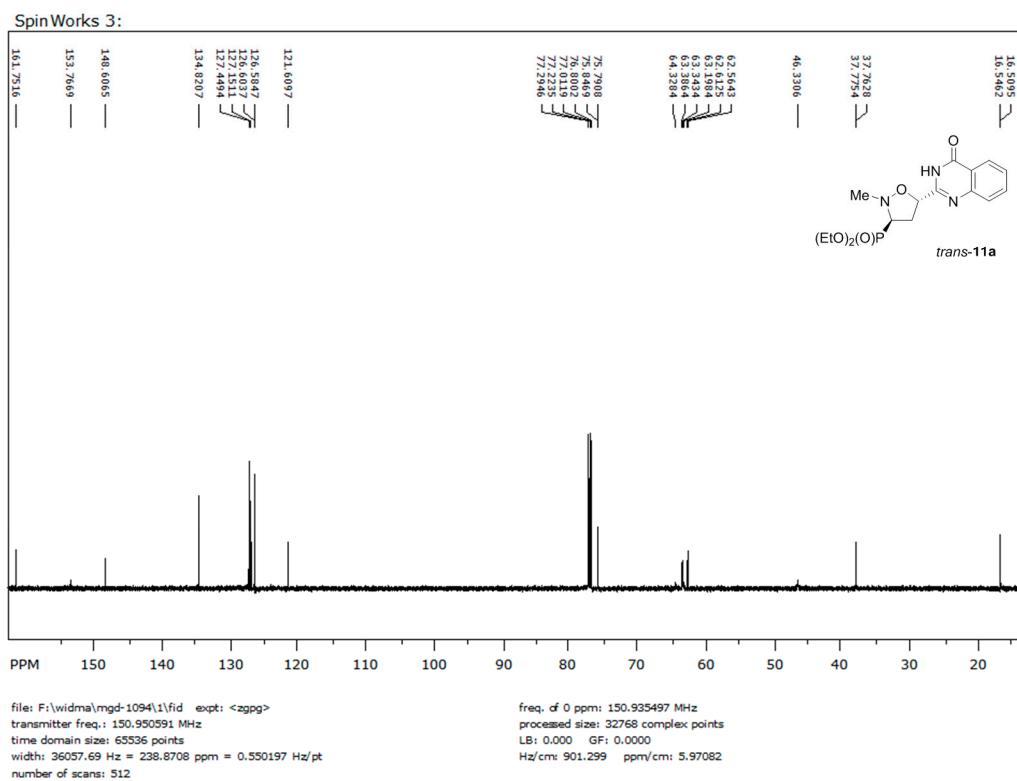


Figure S1. The ^1H -NMR spectrum of isoxazolidine *trans*-11a.

Figure S2. The ³¹P-NMR spectrum of isoxazolidine *trans*-11a.Figure S3. The ¹³C-NMR spectrum of isoxazolidine *trans*-11a.

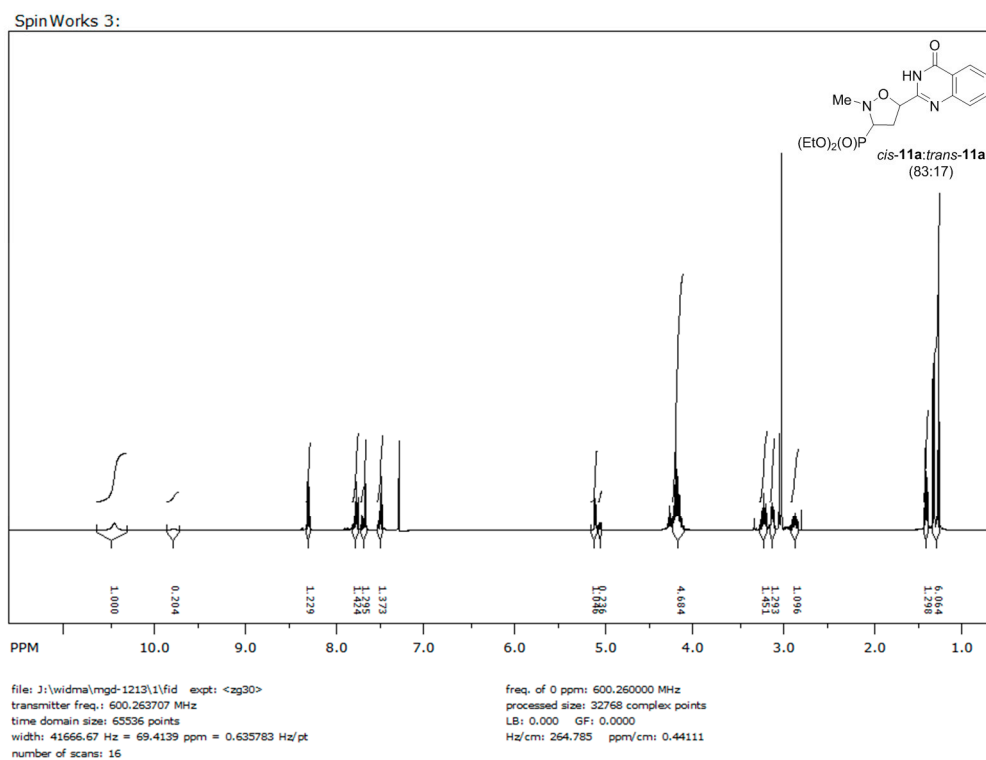


Figure S4. The ^1H -NMR spectrum of a 83:17 mixture of isoxazolidines *cis*-11a and *trans*-11a.

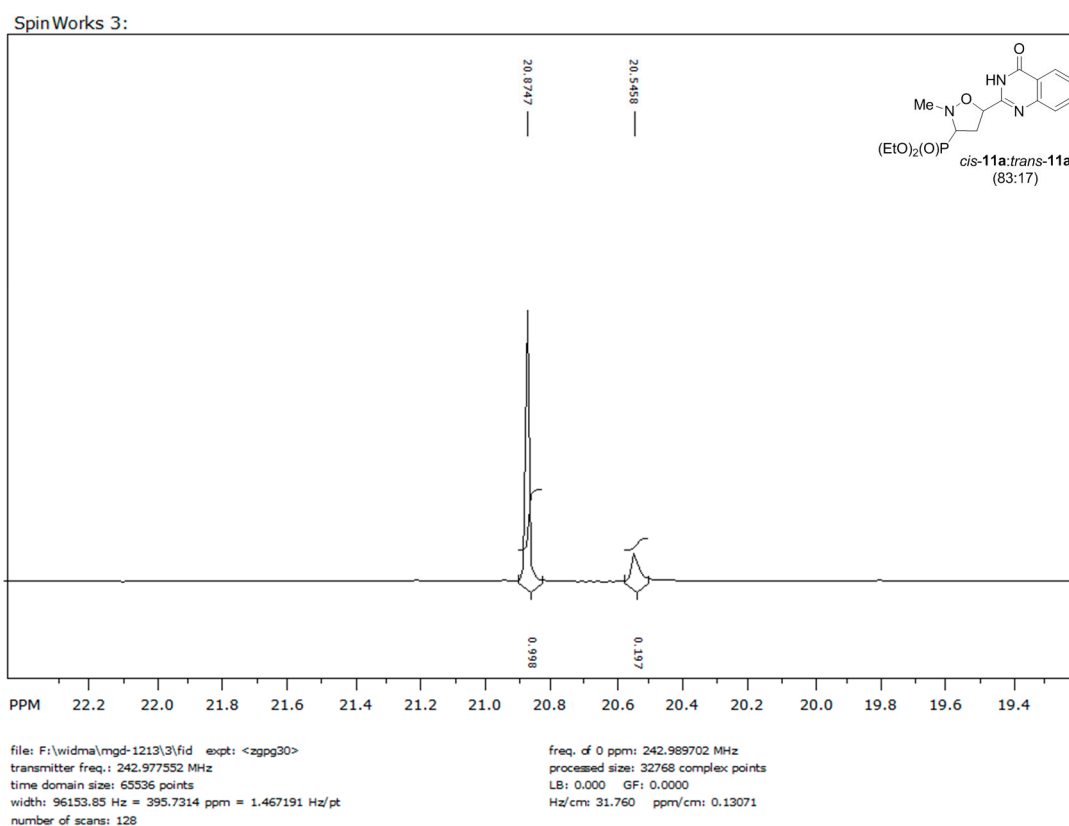


Figure S5. The ^{31}P -NMR spectrum of a 83:17 mixture of isoxazolidines *cis*-11a and *trans*-11a.

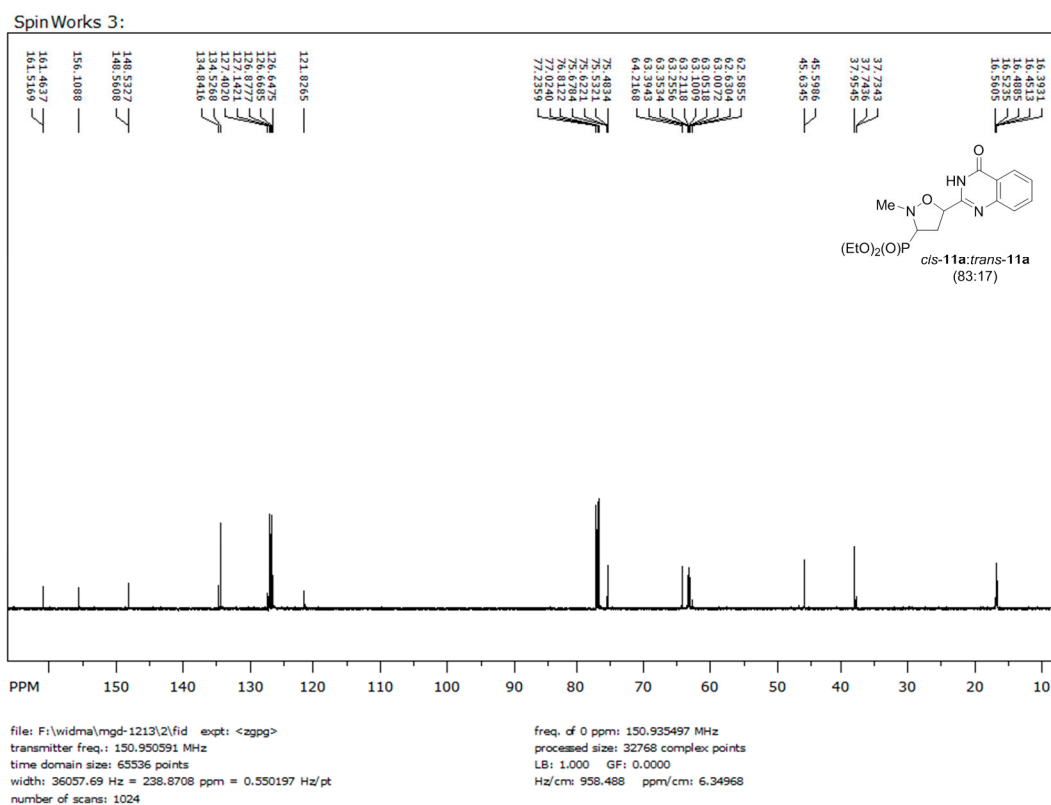


Figure S6. The ^{13}C -NMR spectrum of a 83:17 mixture of isoxazolidines *cis-11a* and *trans-11a*.

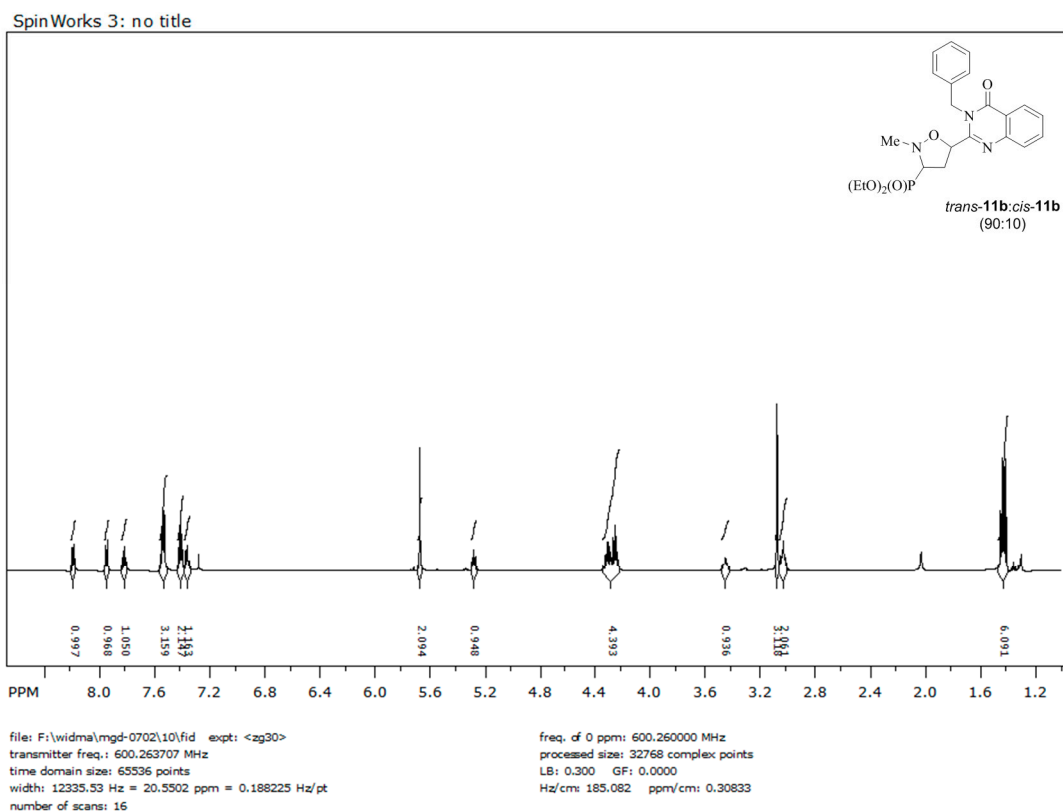


Figure S7. The ^1H -NMR spectrum of a 90:10 mixture of isoxazolidines *trans-11b* and *cis-11b*.

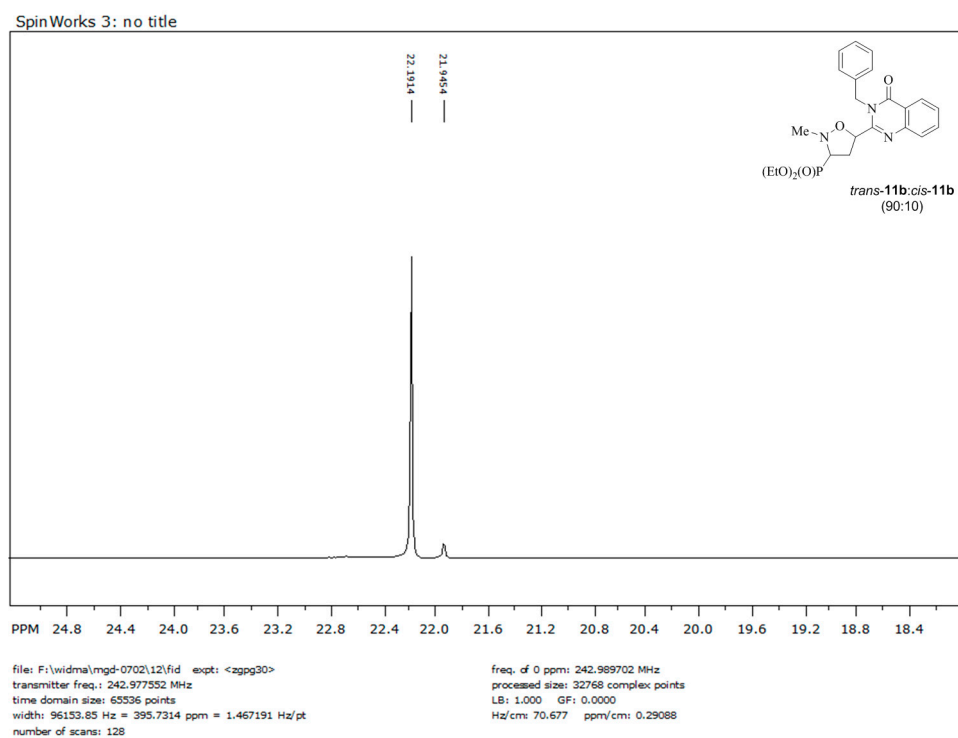


Figure S8. The ^{31}P -NMR spectrum of a 90:10 mixture of isoxazolidines *trans-11b* and *cis-11b*.

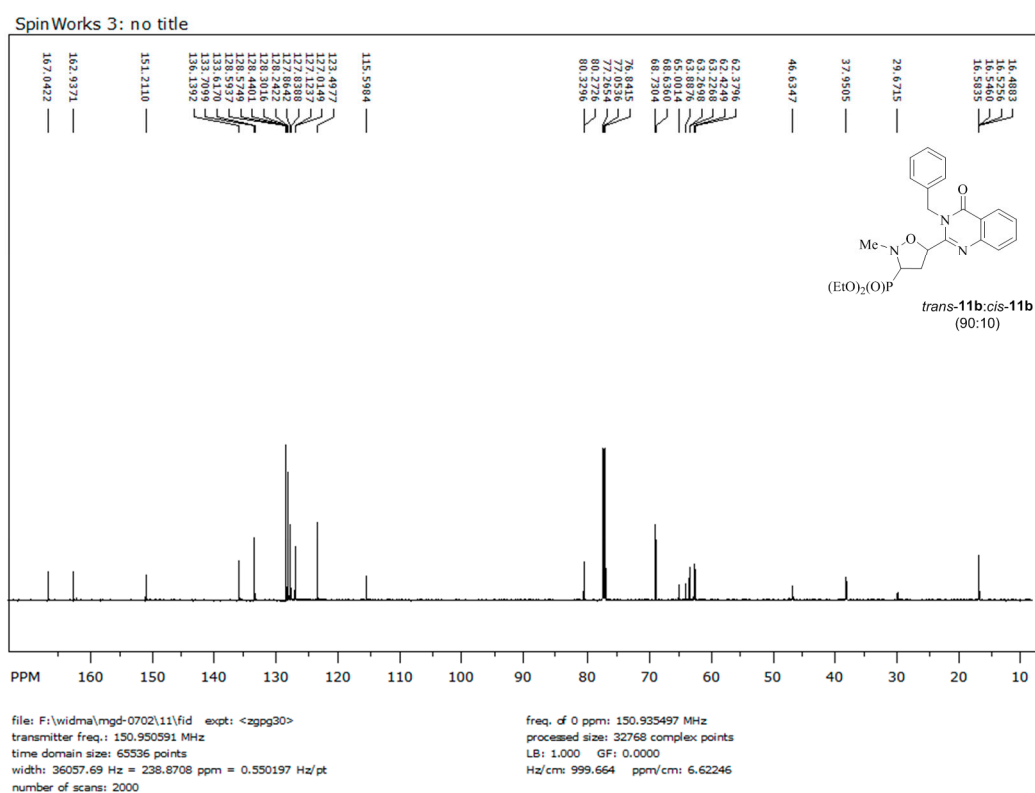


Figure S9. The ^{13}C -NMR spectrum of a 90:10 mixture of isoxazolidines *trans-11b* and *cis-11b*.

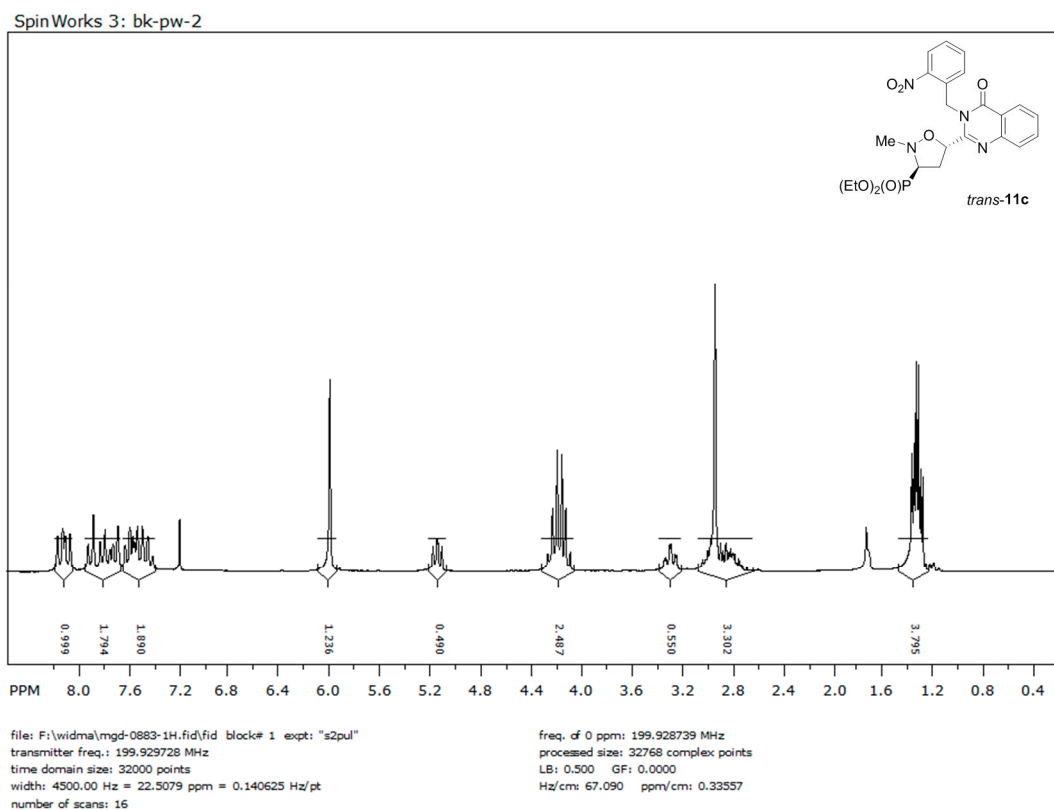


Figure S10. The ¹H-NMR spectrum of isoxazolidine *trans*-11c.

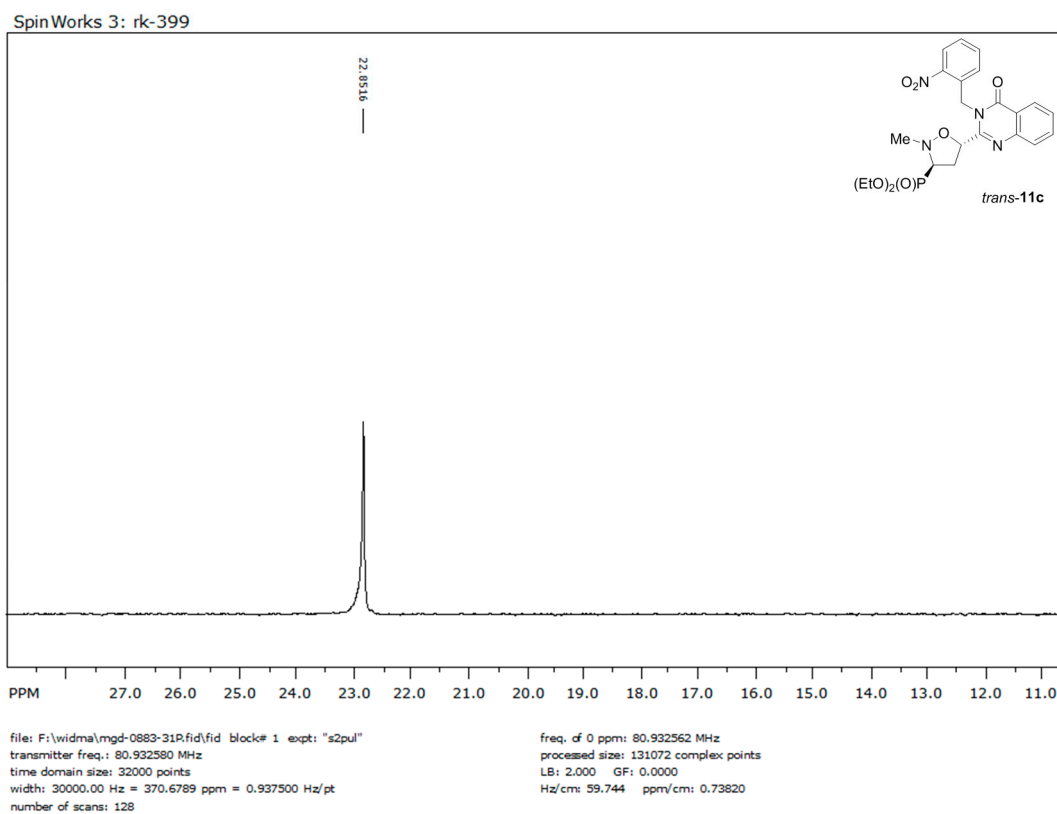


Figure S11. The ³¹P-NMR spectrum of isoxazolidine *trans*-11c.

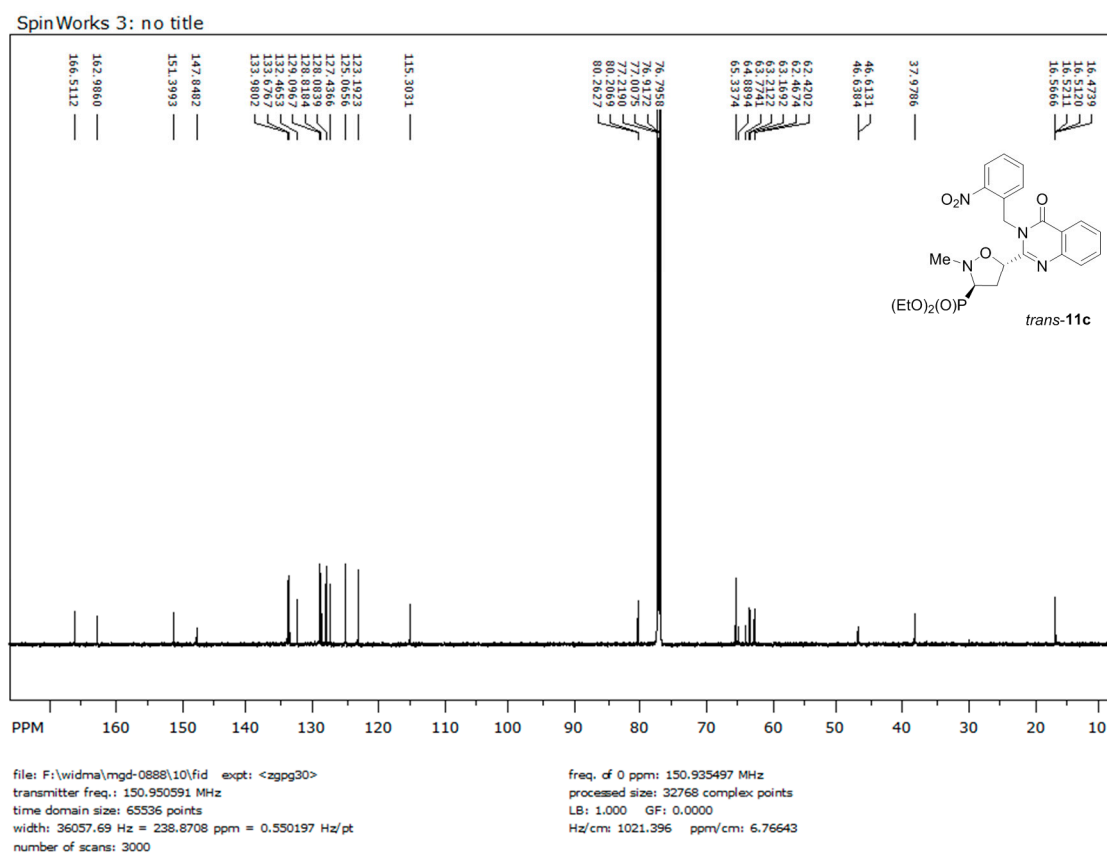
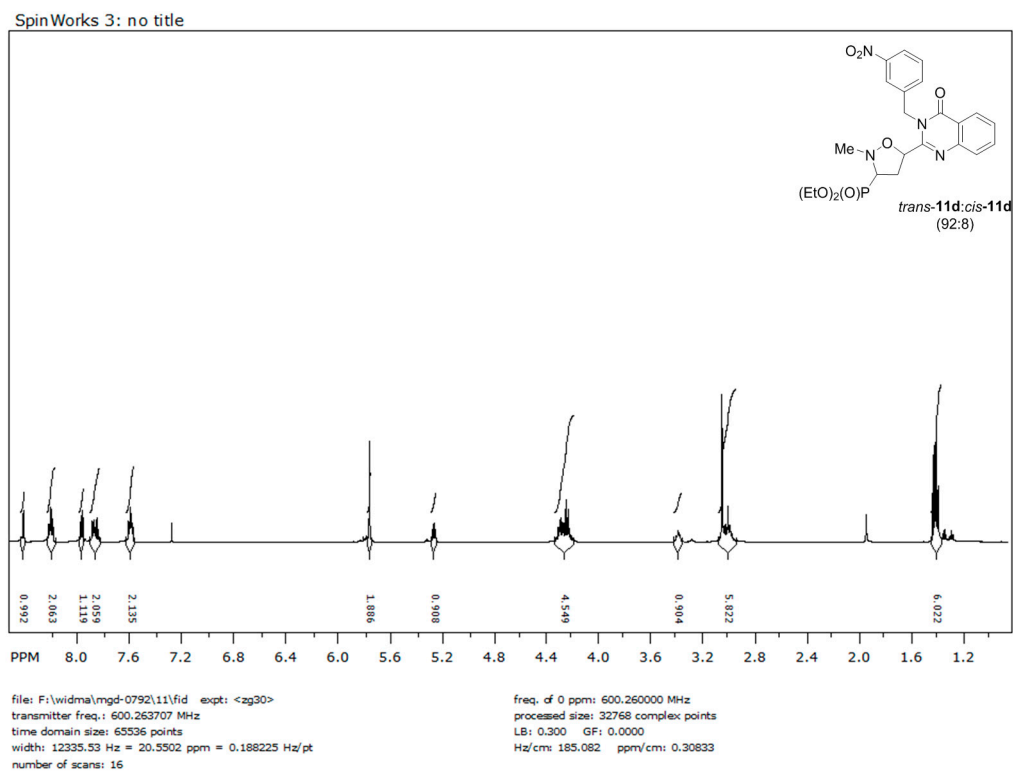
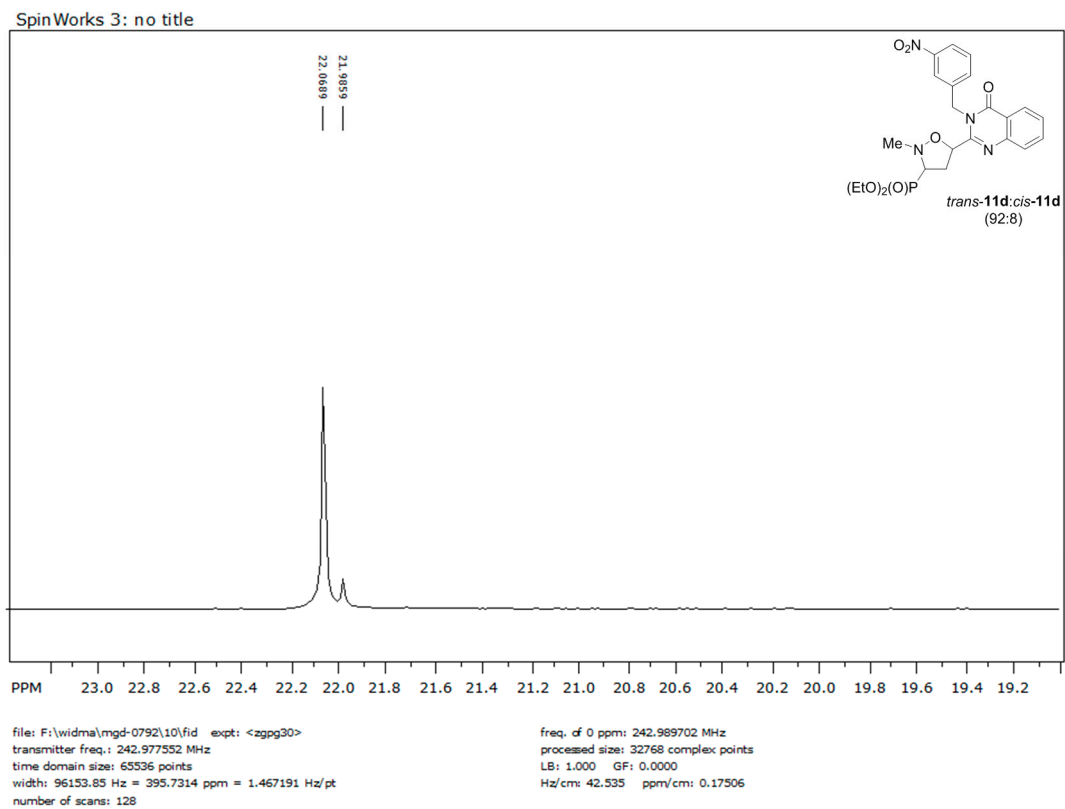
Figure S12. The ^{13}C -NMR spectrum of isoxazolidine *trans*-11c.

Figure S13. The ^1H -NMR spectrum of a 92:8 mixture of isoxazolidines *trans*-**11d** and *cis*-**11d**.**Figure S14.** The ^{31}P -NMR spectrum of a 92:8 mixture of isoxazolidines *trans*-**11d** and *cis*-**11d**.

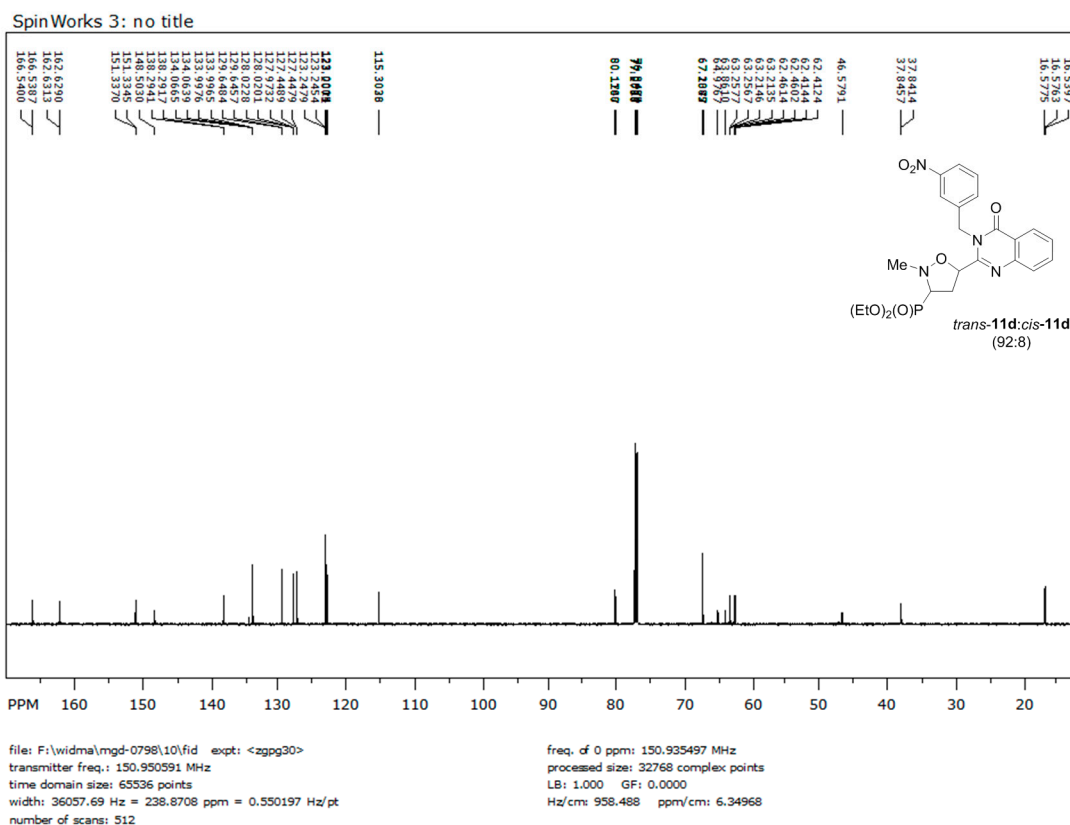


Figure S15. The ^{13}C -NMR spectrum of a 92:8 mixture of isoxazolidines *trans*-11d and *cis*-11d.

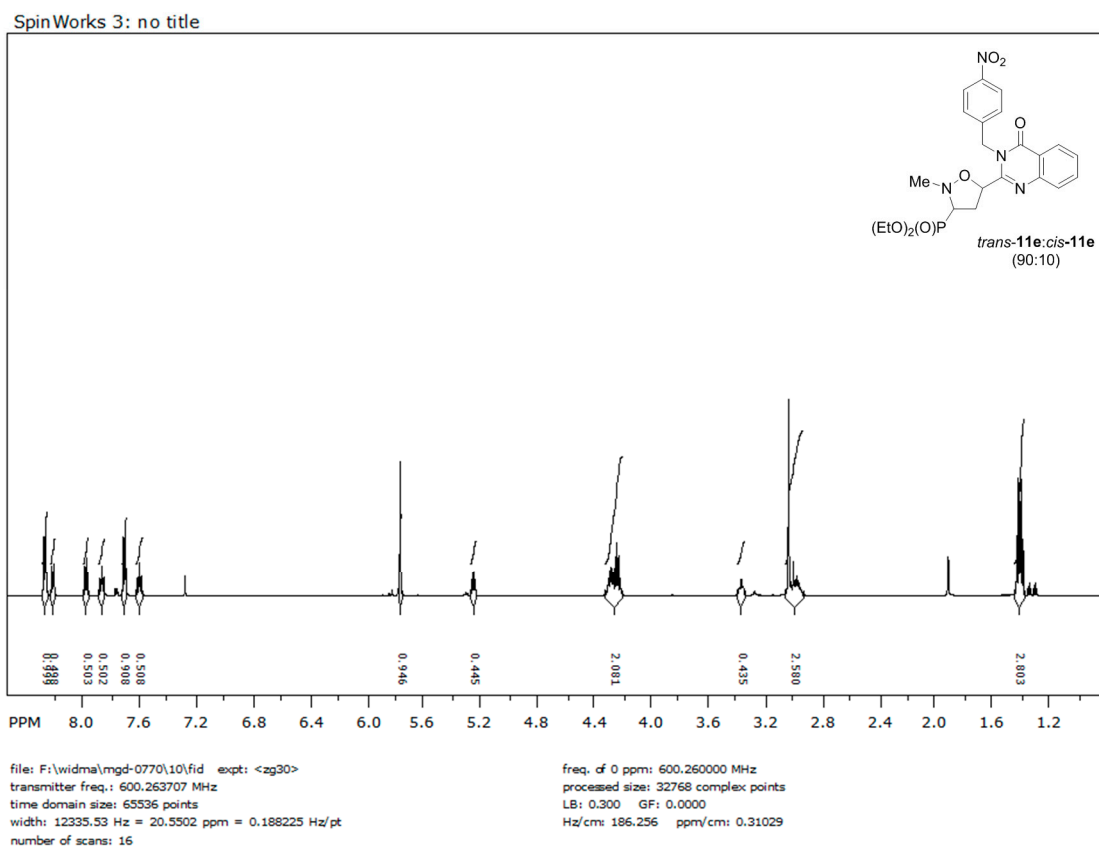


Figure S16. The ^1H -NMR spectrum of a 90:10 mixture of isoxazolidines *trans*-11e and *cis*-11e.

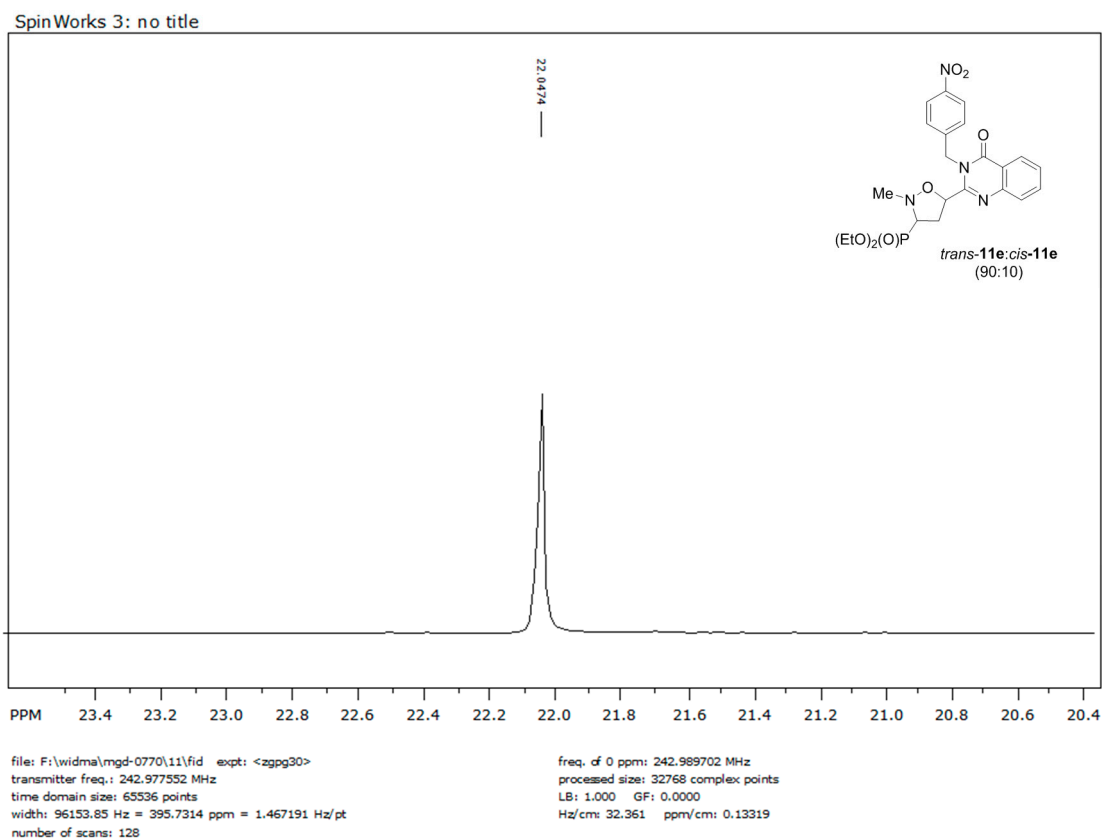


Figure S17. The ³¹P-NMR spectrum of a 90:10 mixture of isoxazolidines *trans*-11e and *cis*-11e.

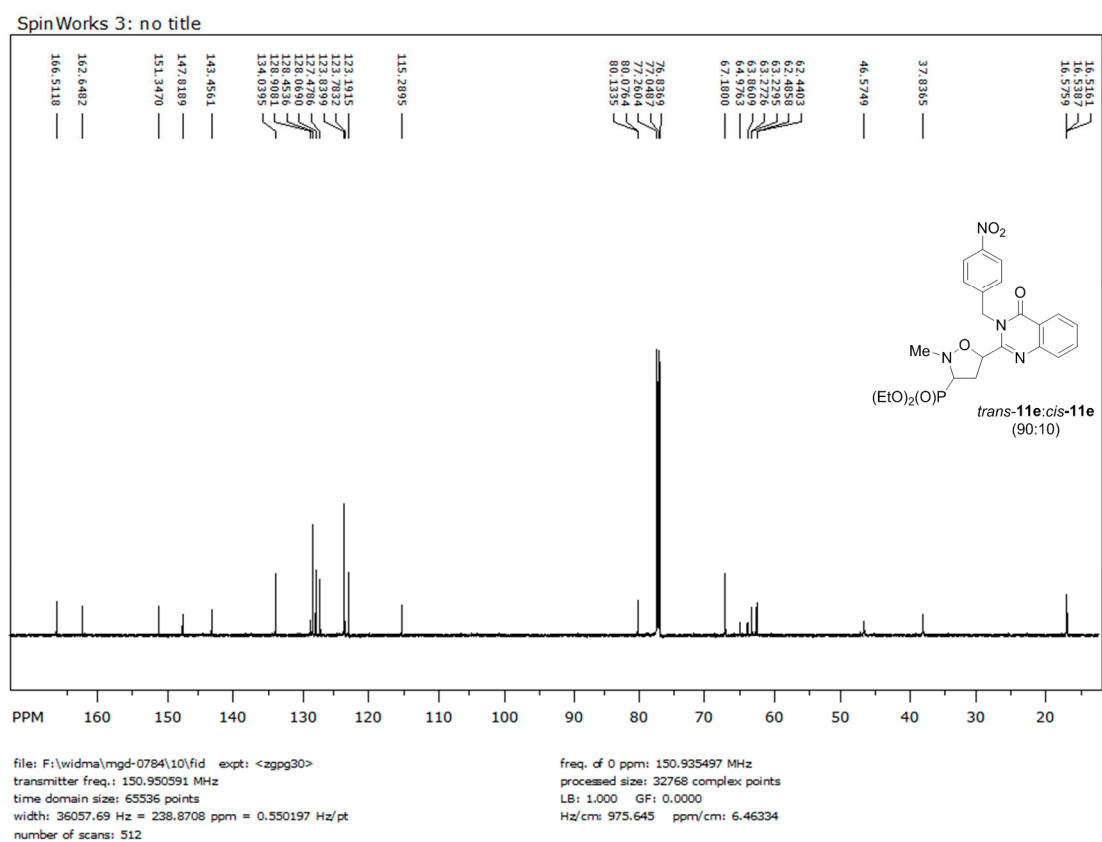


Figure S18. The ¹³C-NMR spectrum of a 90:10 mixture of isoxazolidines *trans*-11e and *cis*-11e.

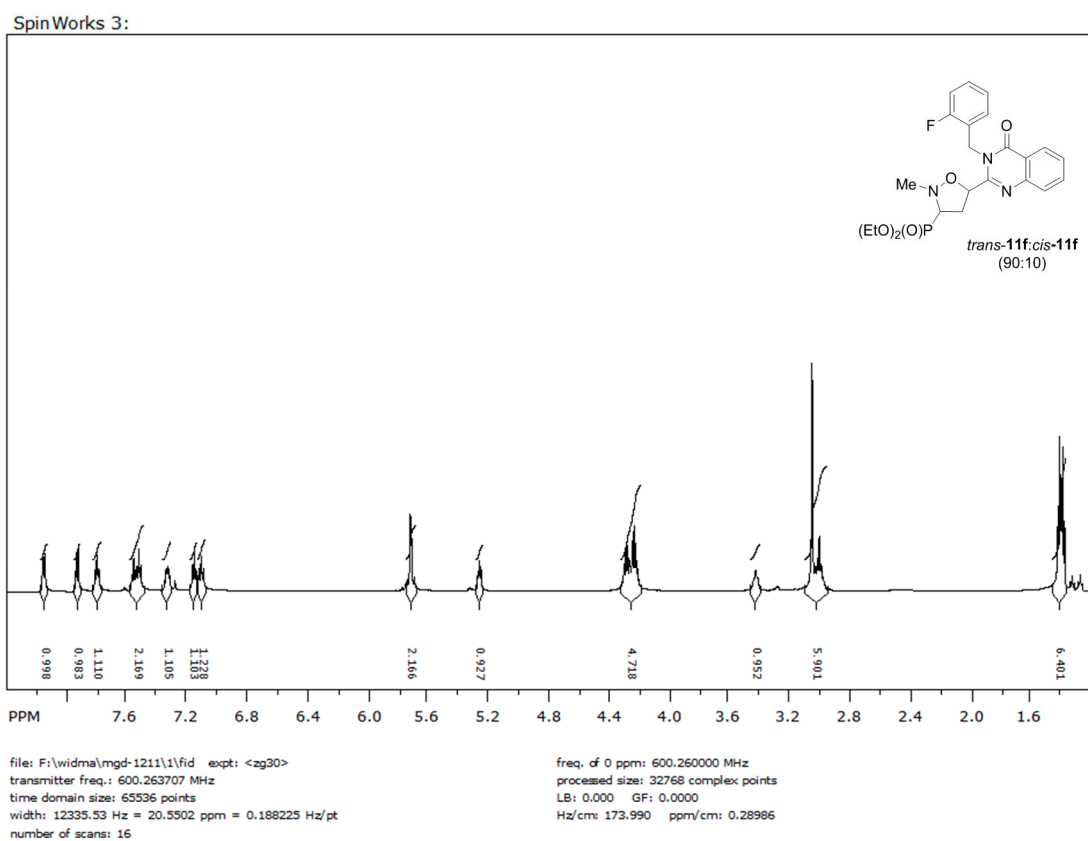


Figure S19. The ^1H -NMR spectrum of a 90:10 mixture of isoxazolidines *trans*-11f and *cis*-11f.

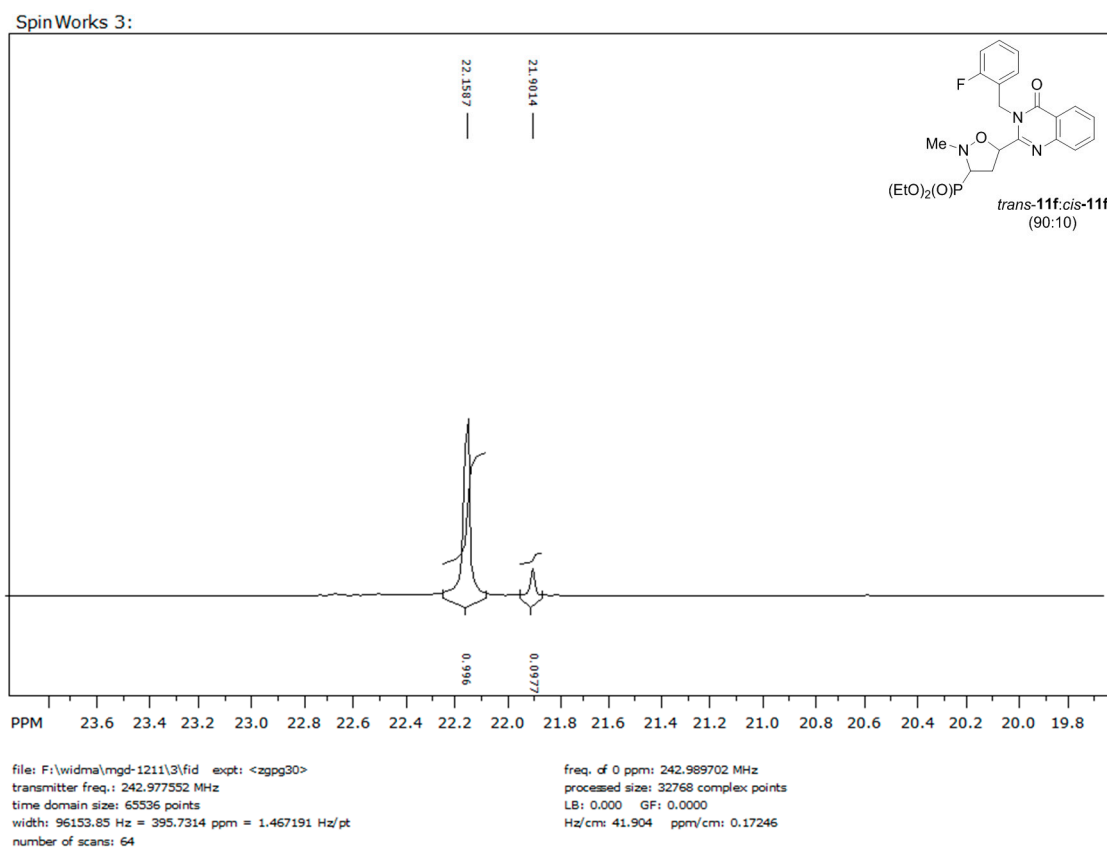


Figure S20. The ^{31}P -NMR spectrum of a 90:10 mixture of isoxazolidines *trans*-11f and *cis*-11f.

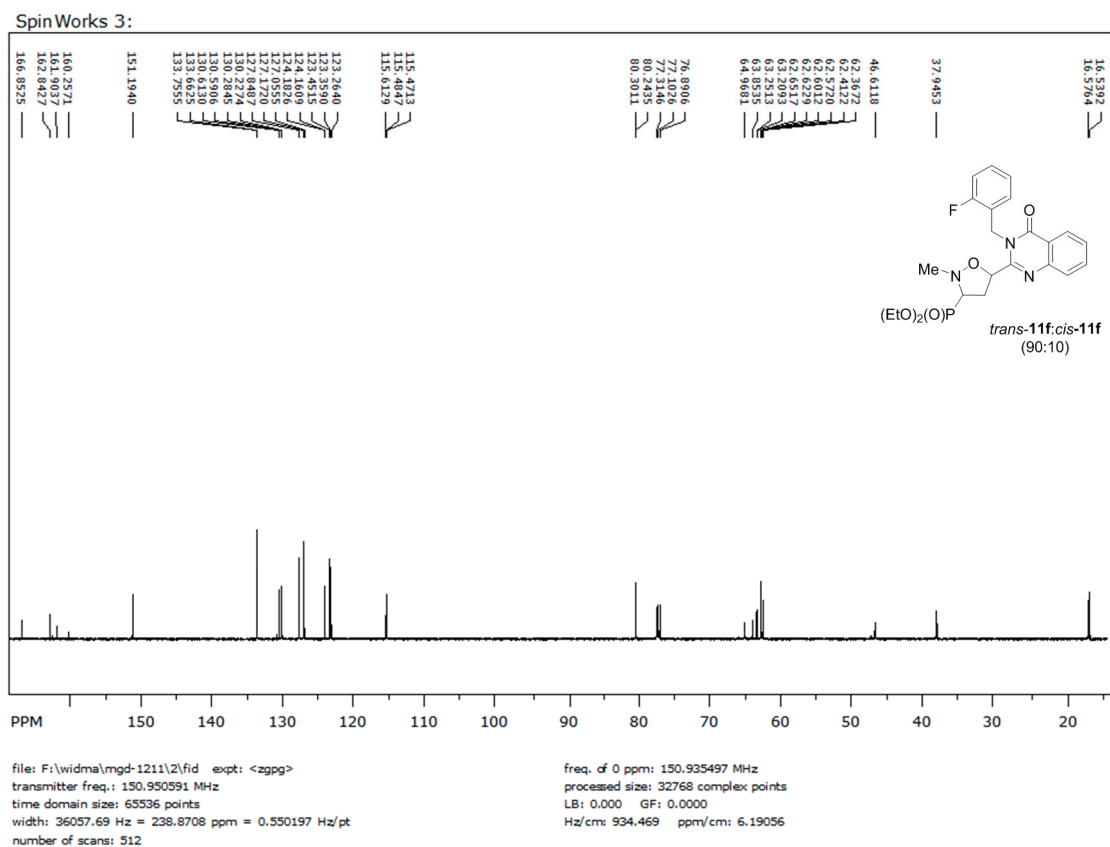


Figure S21. The ^{13}C -NMR spectrum of a 90:10 mixture of isoxazolidines *trans*-11f and *cis*-11f.

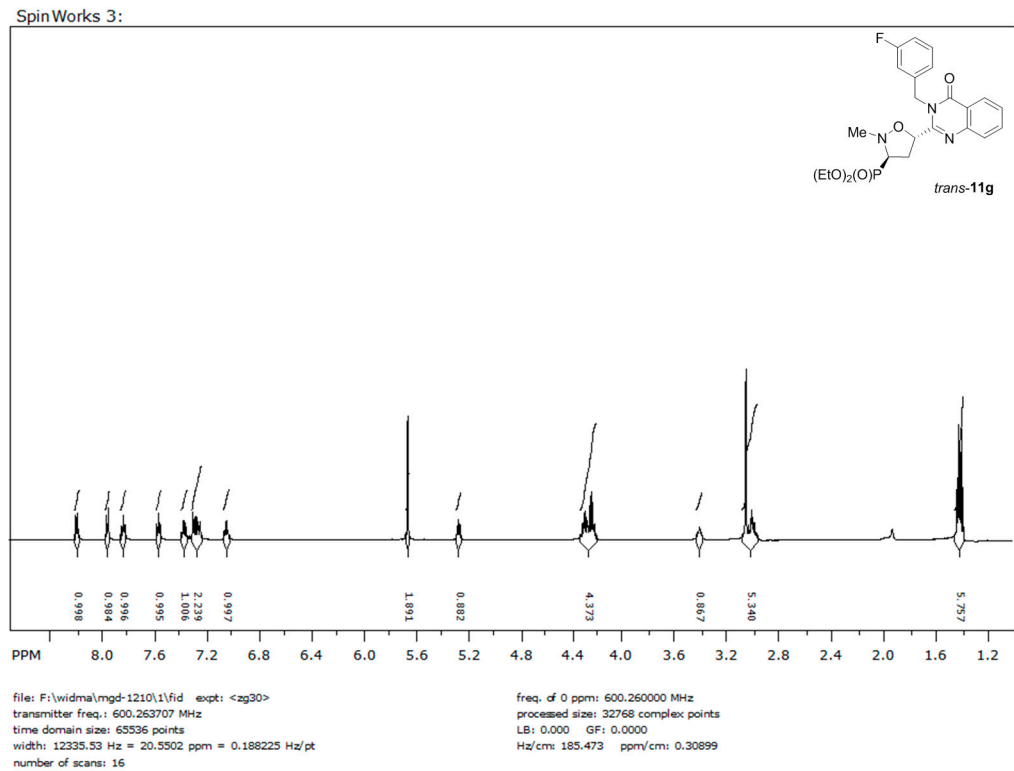


Figure S22. The ^1H -NMR spectrum of isoxazolidine *trans*-11g.

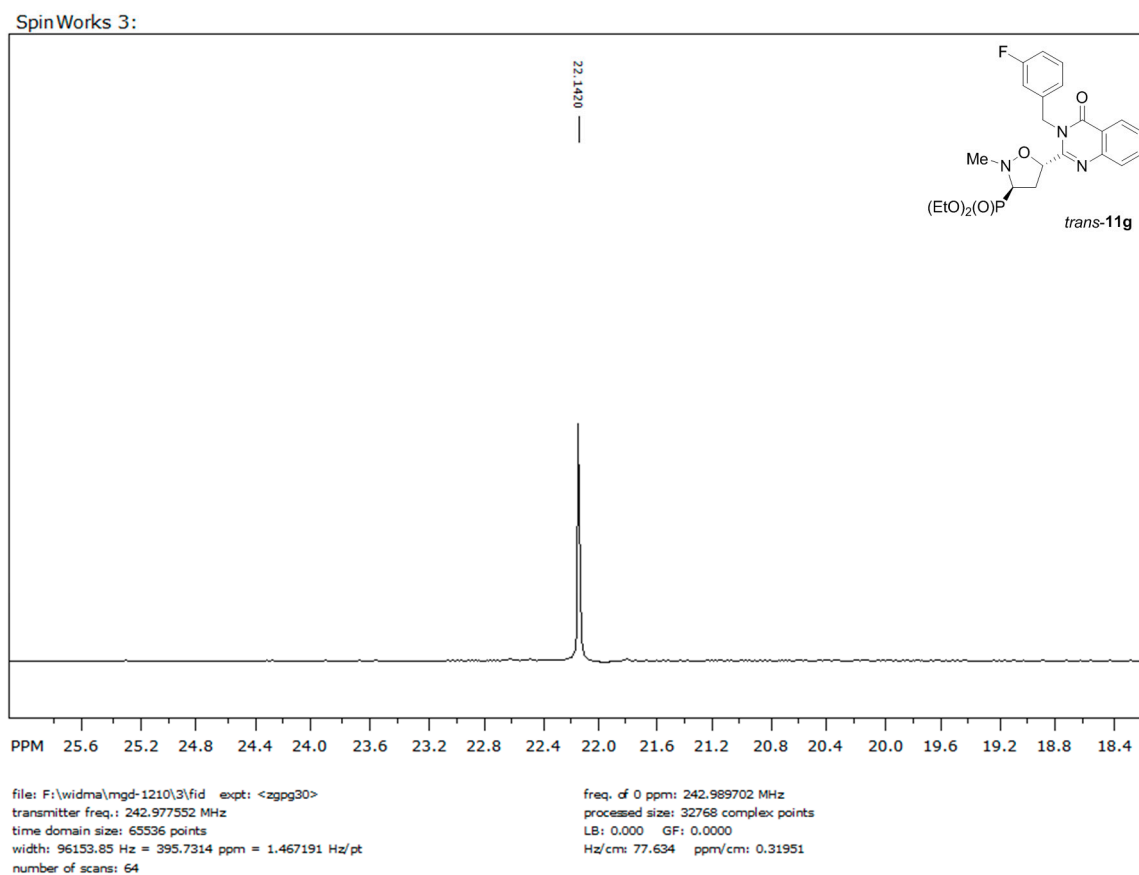
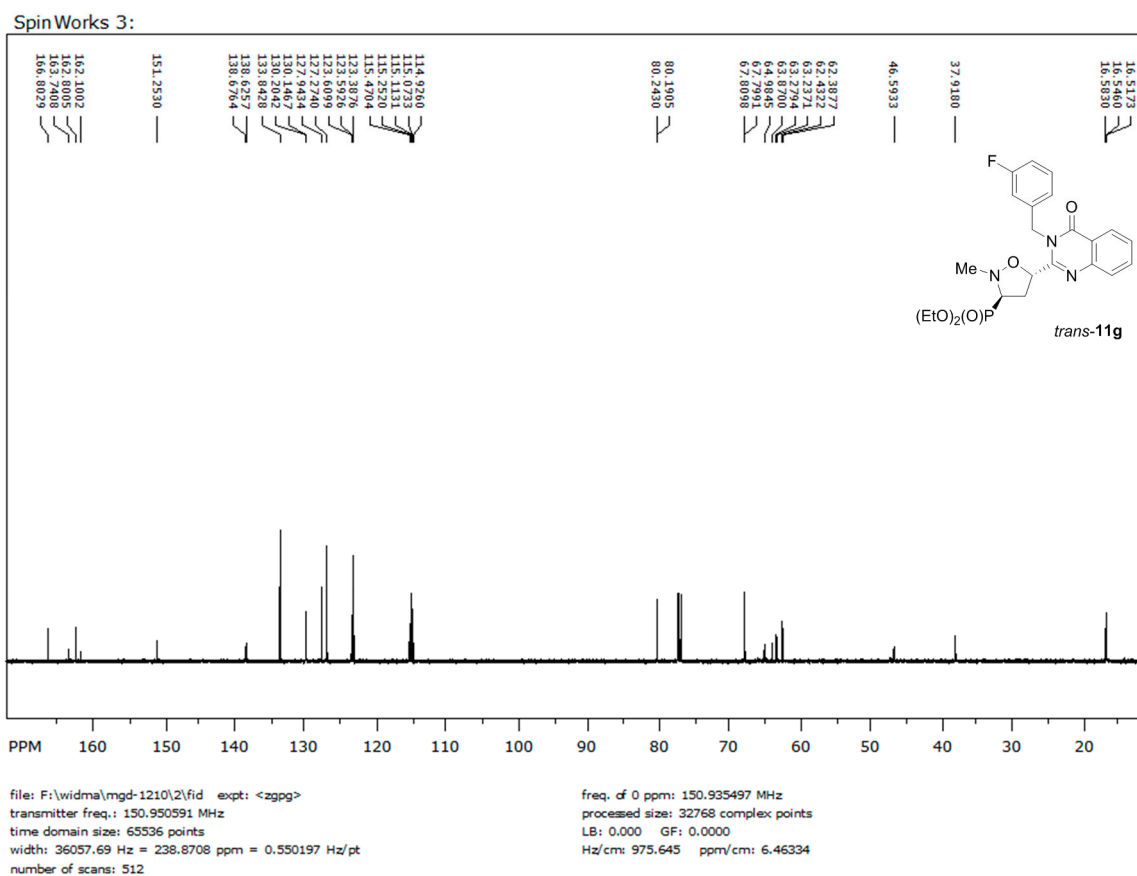
Figure S23. The ^{31}P -NMR spectrum of isoxazolidine *trans-11g*.

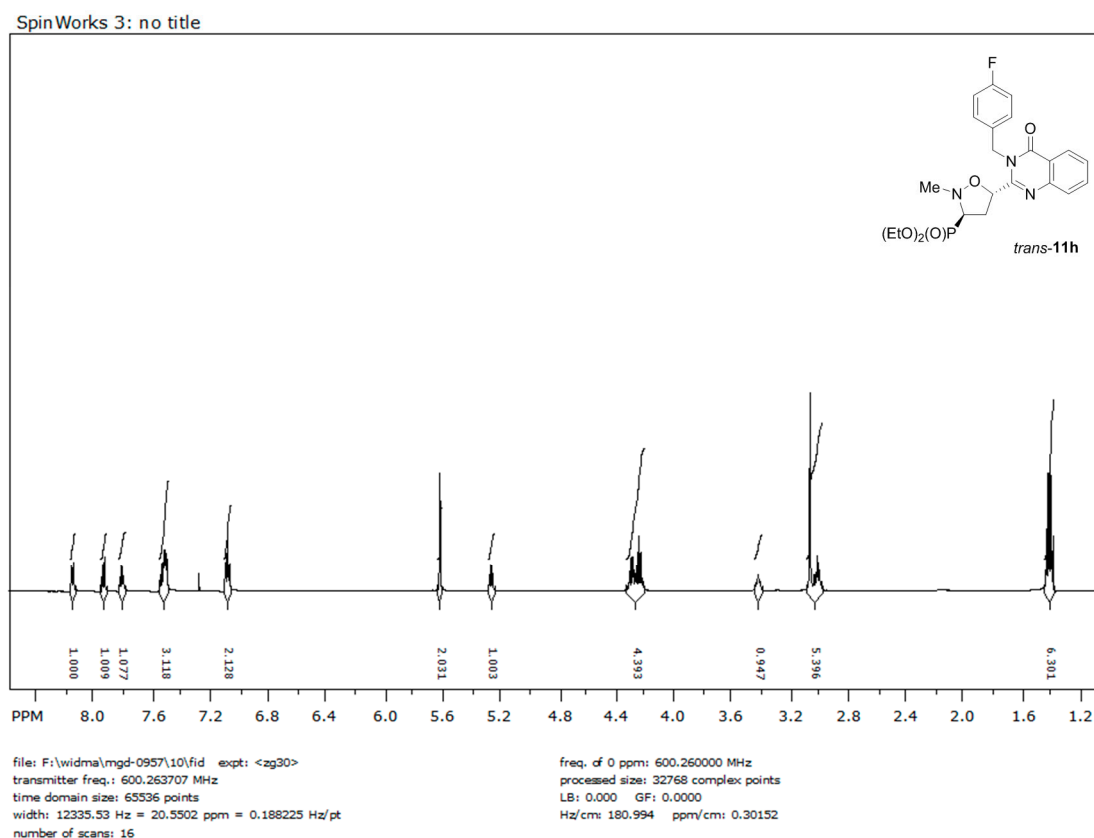
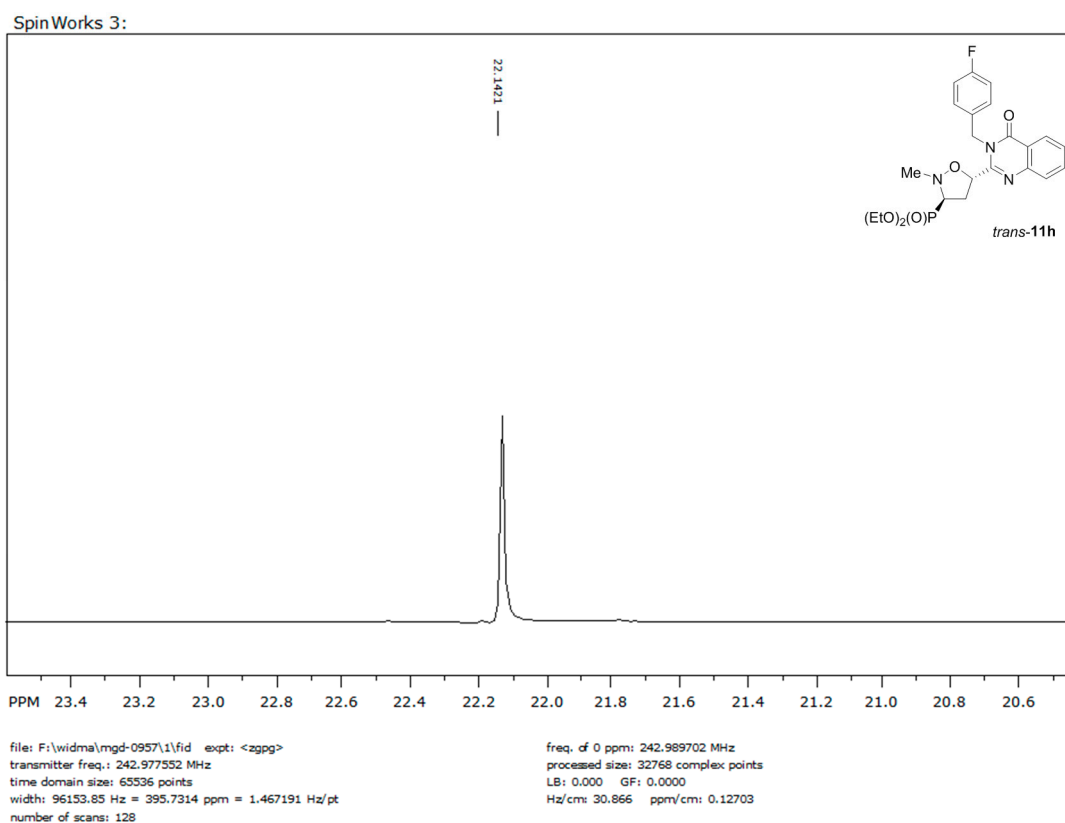
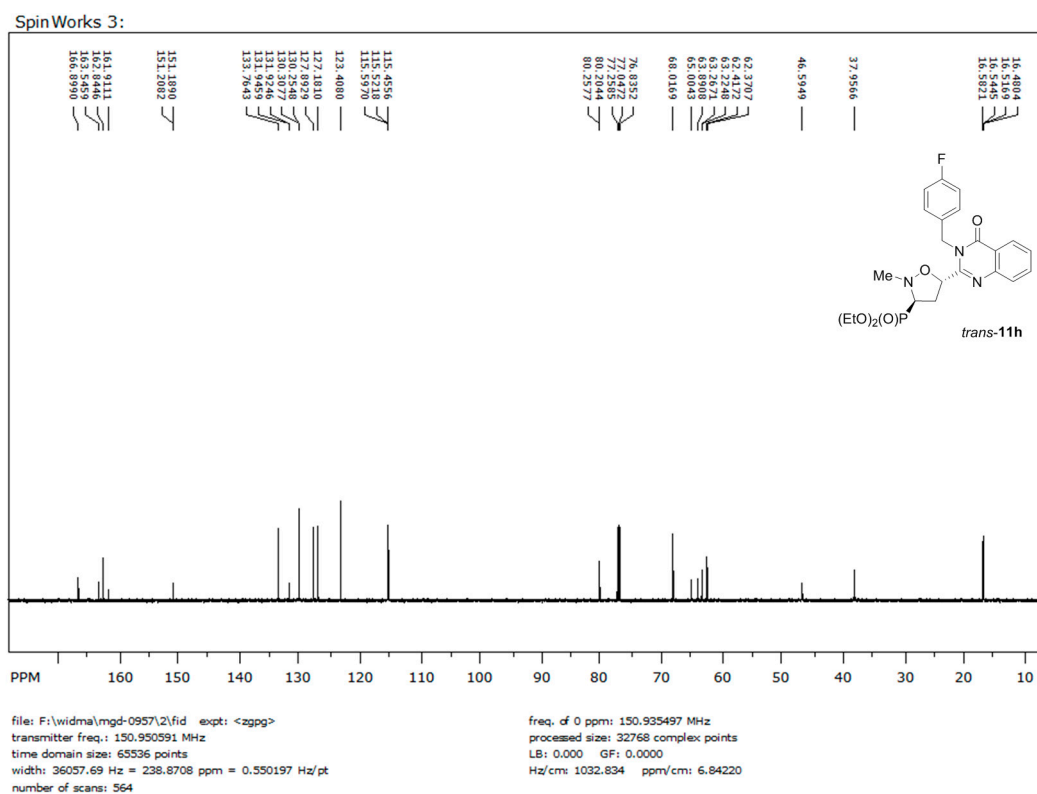
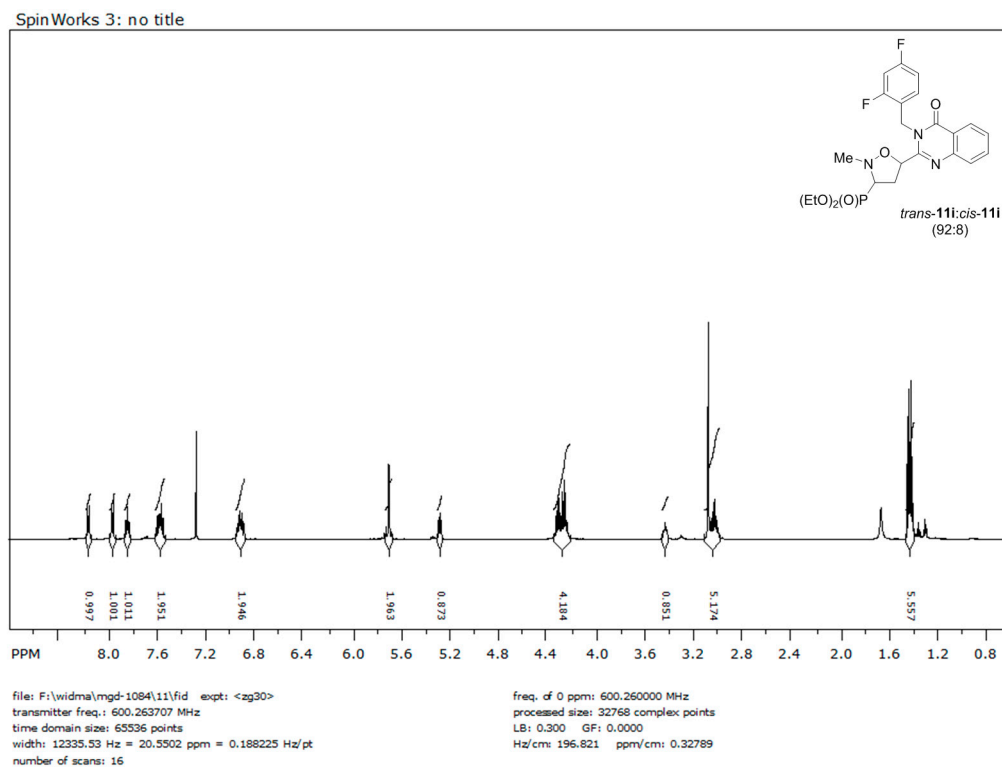
Figure S24. The ^{13}C -NMR spectrum of isoxazolidine *trans*-11g.Figure S25. The ^1H -NMR spectrum of isoxazolidine *trans*-11h.

Figure S26. The ^{31}P -NMR spectrum of isoxazolidine *trans*-11h.Figure S27. The ^{13}C -NMR spectrum of isoxazolidine *trans*-11h.Figure S28. The ^1H -NMR spectrum of a 92:8 mixture of isoxazolidines *trans*-11i and *cis*-11i.

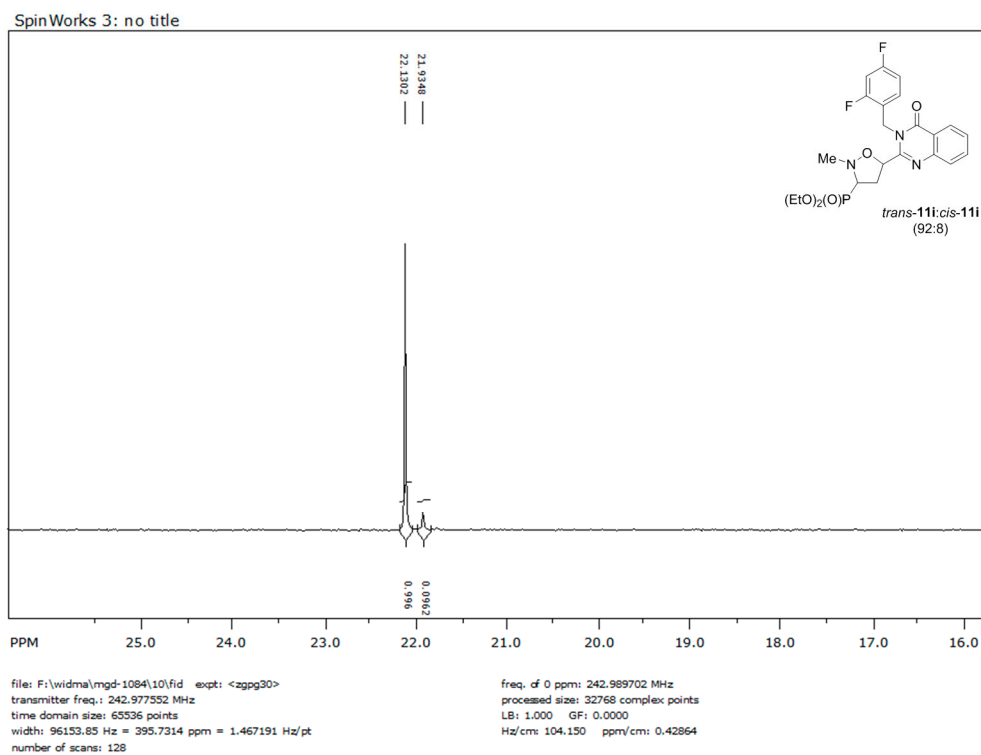


Figure S29. The ^{31}P -NMR spectrum of a 92:8 mixture of isoxazolidines *trans*-**11i** and *cis*-**11i**.

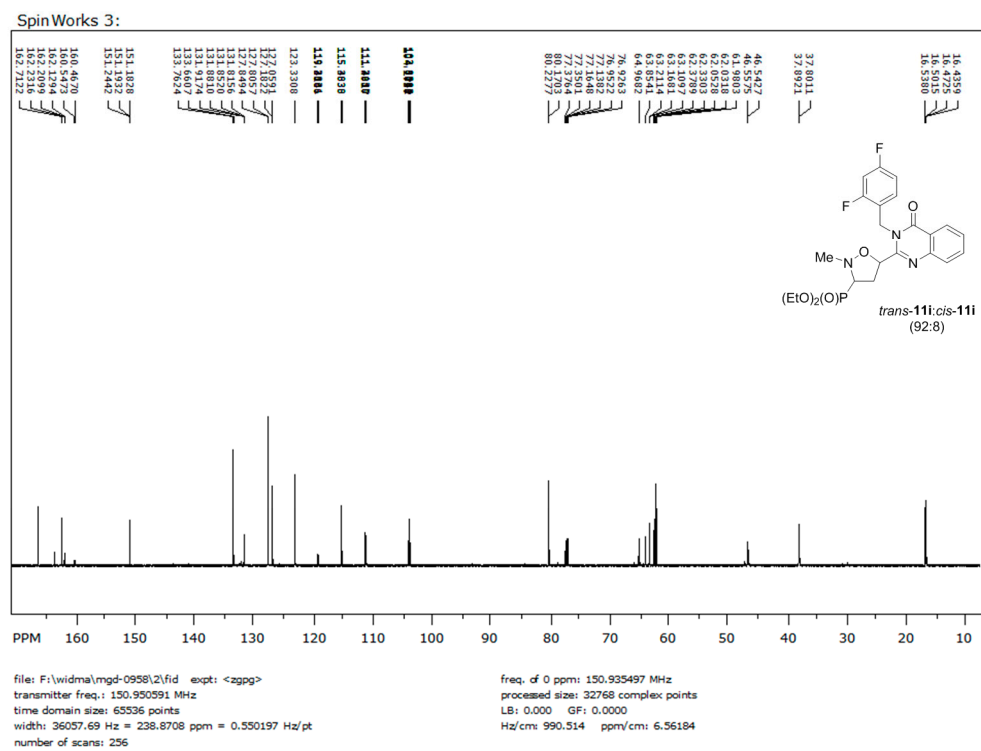
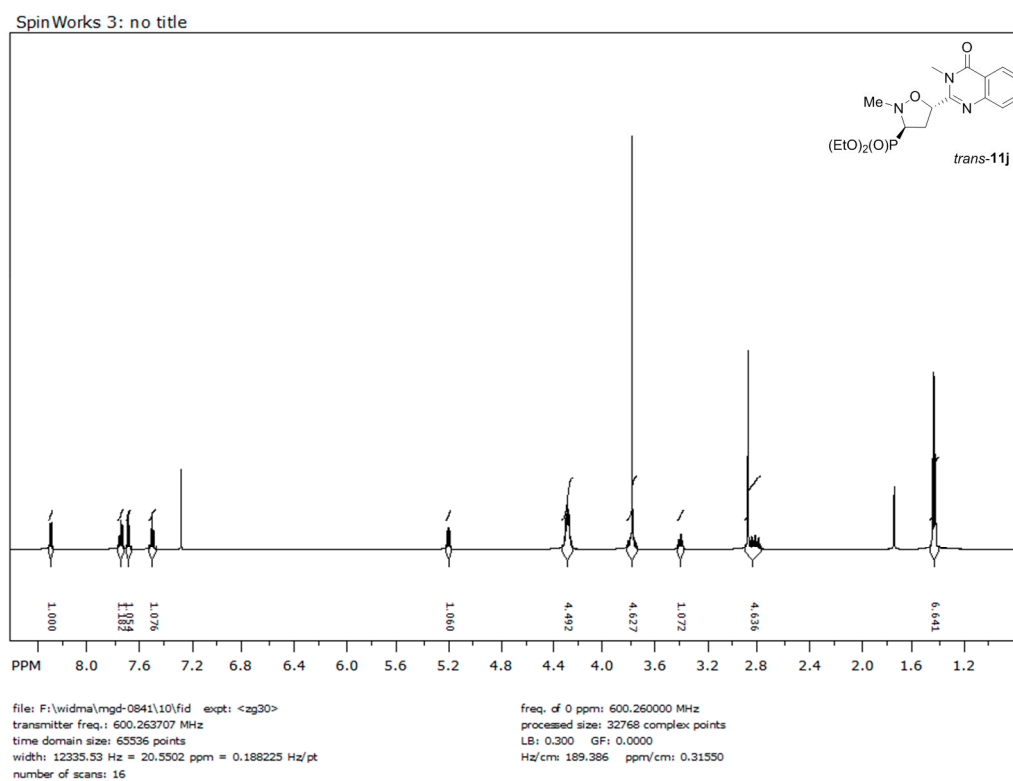
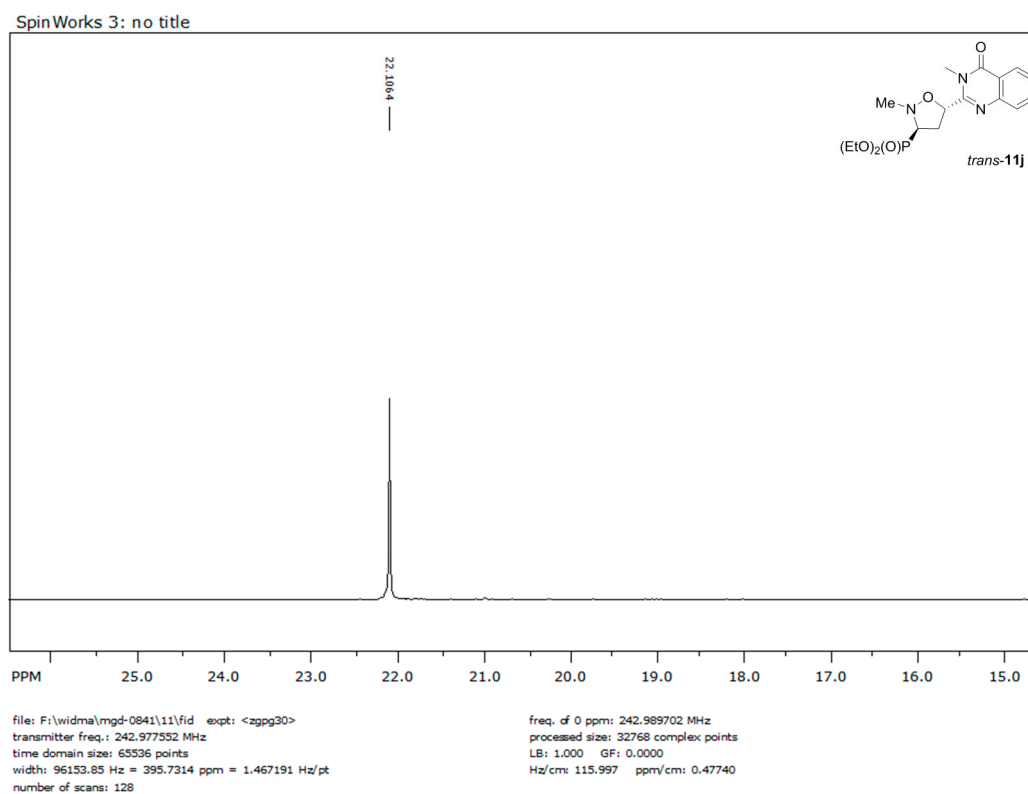


Figure S30. The ^{13}C -NMR spectrum of a 92:8 mixture of isoxazolidines *trans*-**11i** and *cis*-**11i**.

Figure S31. The ^1H -NMR spectrum of isoxazolidine *trans*-11j.Figure S32. The ^{31}P -NMR spectrum of isoxazolidine *trans*-11j.

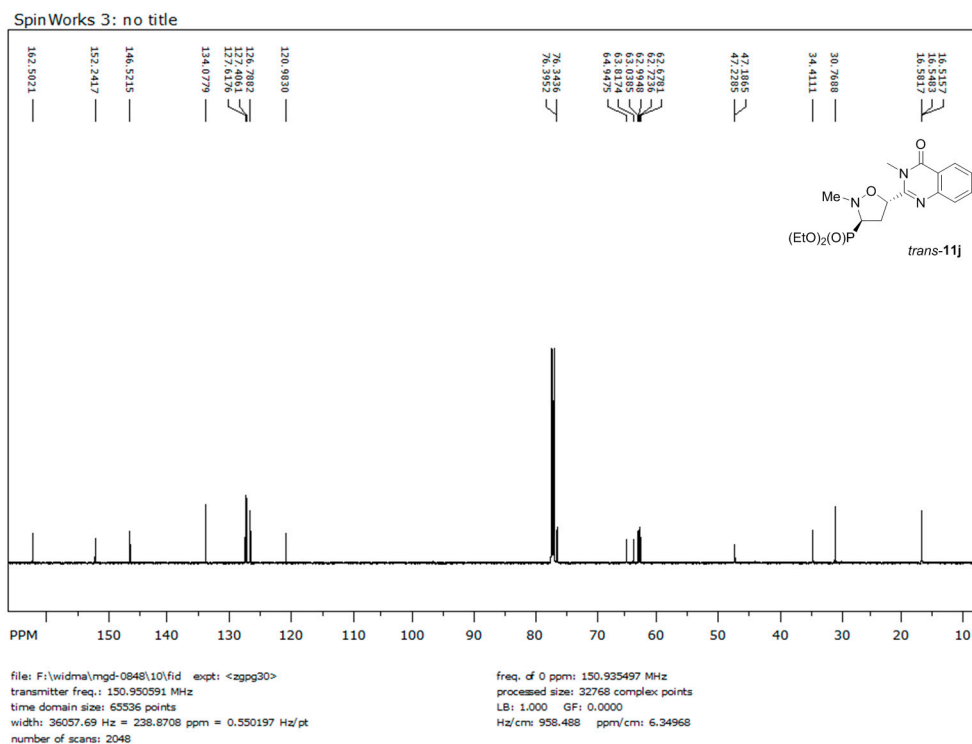


Figure S33. The ^{13}C -NMR spectrum of isoxazolidine *trans*-11j.

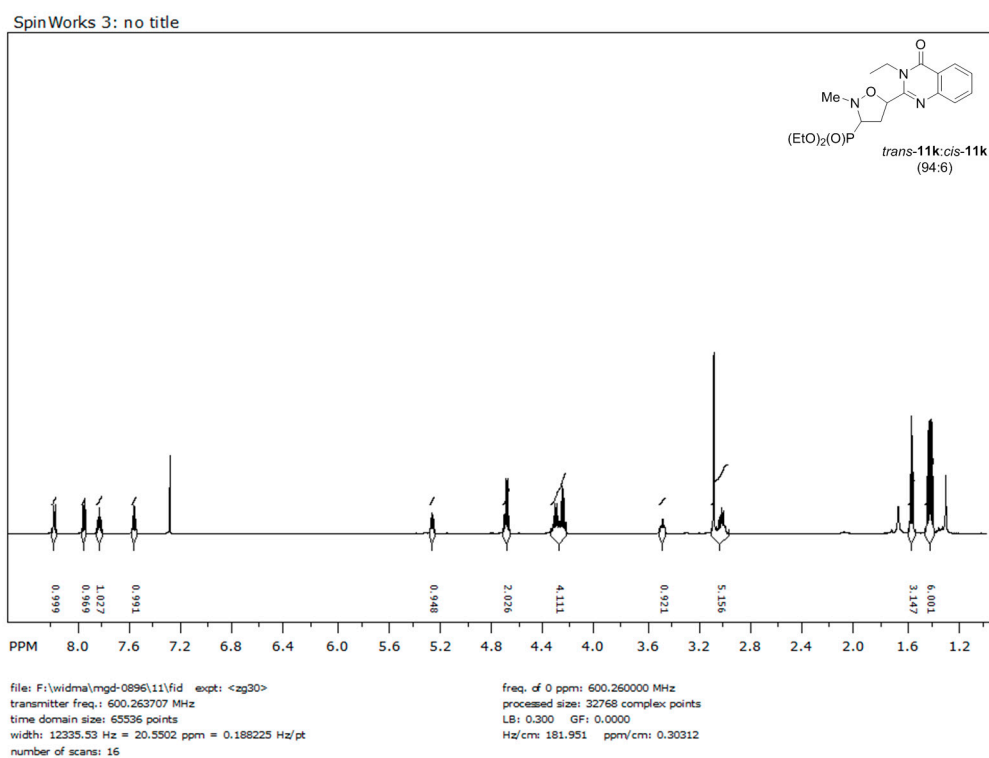


Figure S34. The ^1H -NMR spectrum of a 94:6 mixture of isoxazolidines *trans*-11k and *cis*-11k.

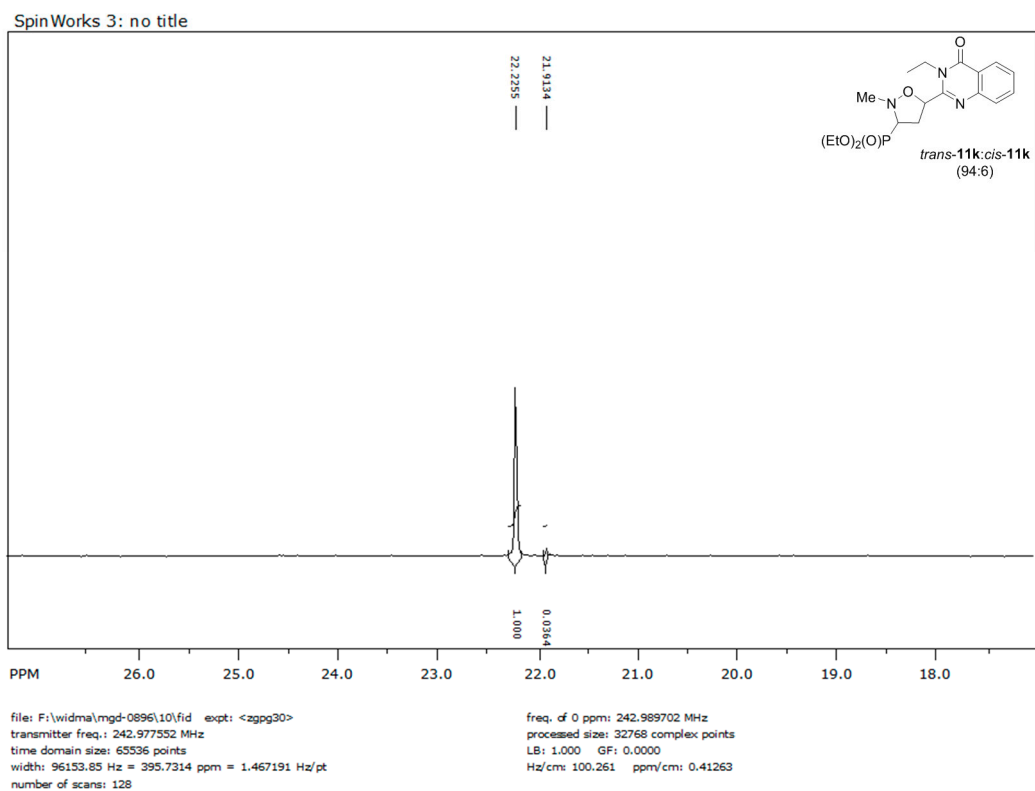


Figure S35. The ^{31}P -NMR spectrum of a 94:6 mixture of isoxazolidines *trans-11k* and *cis-11k*.

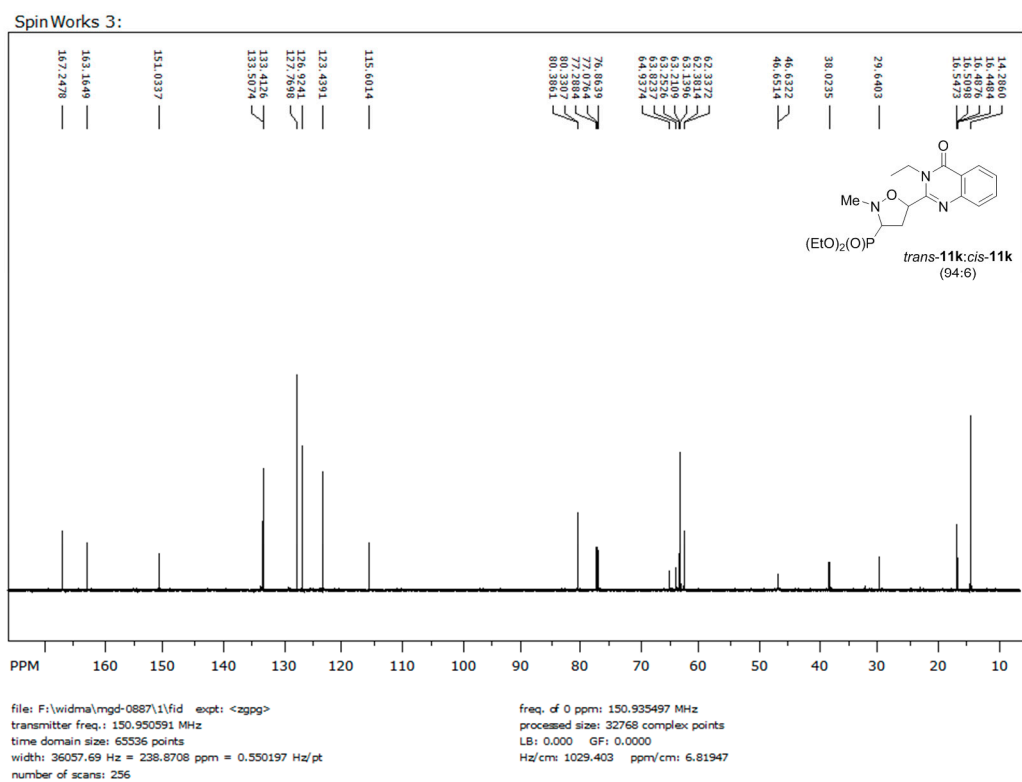
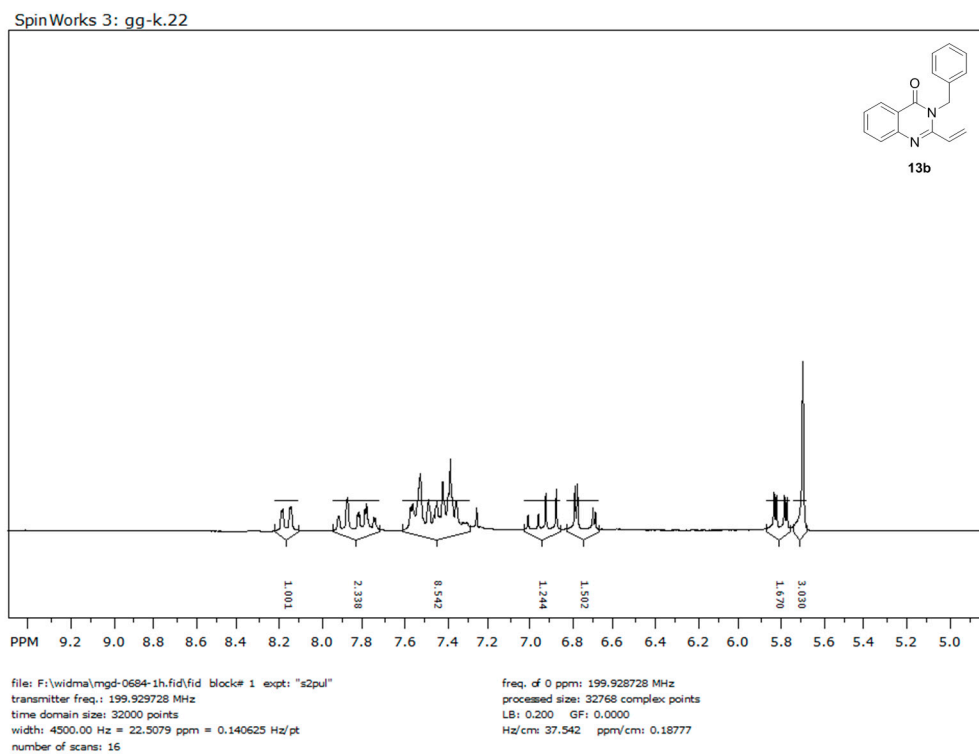
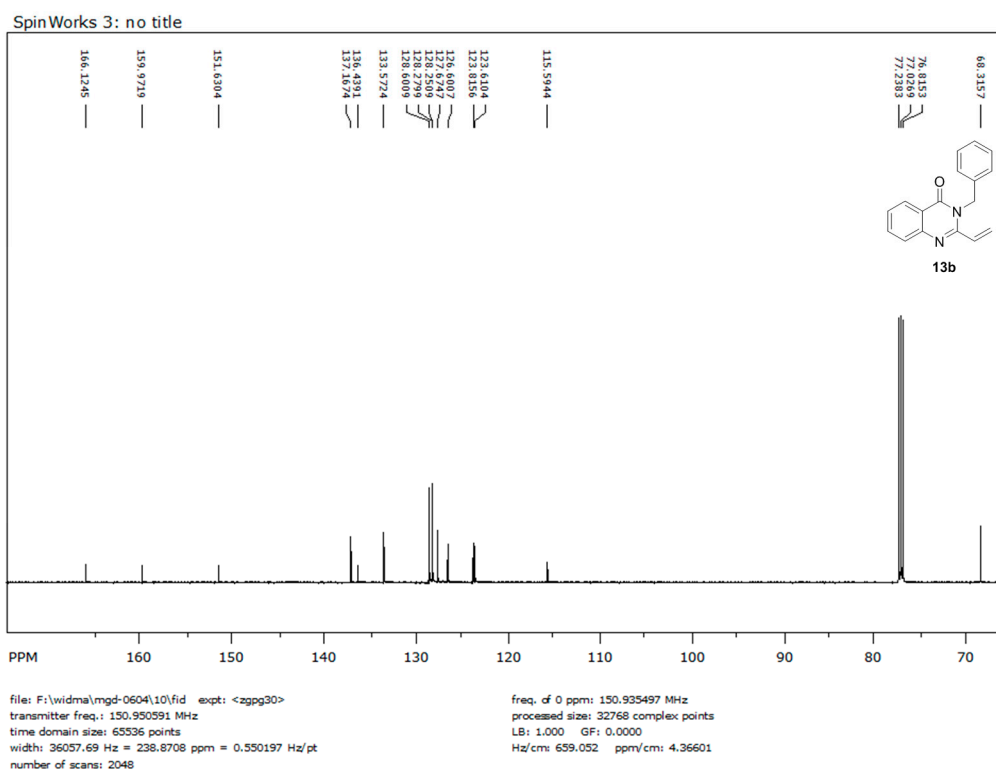
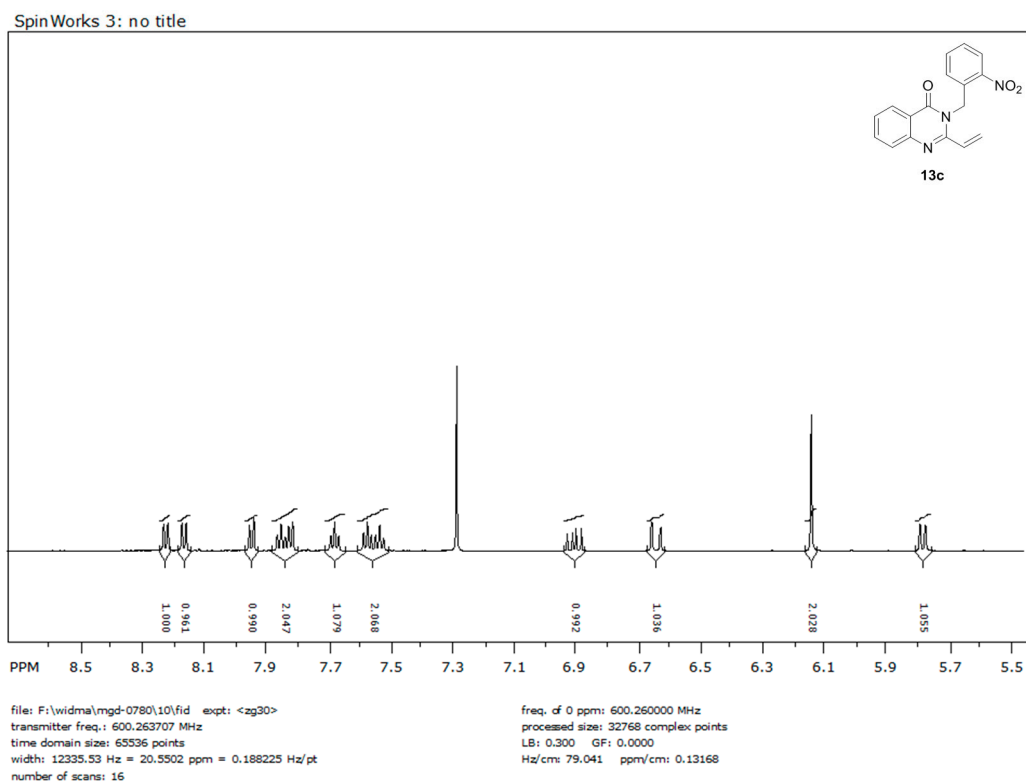
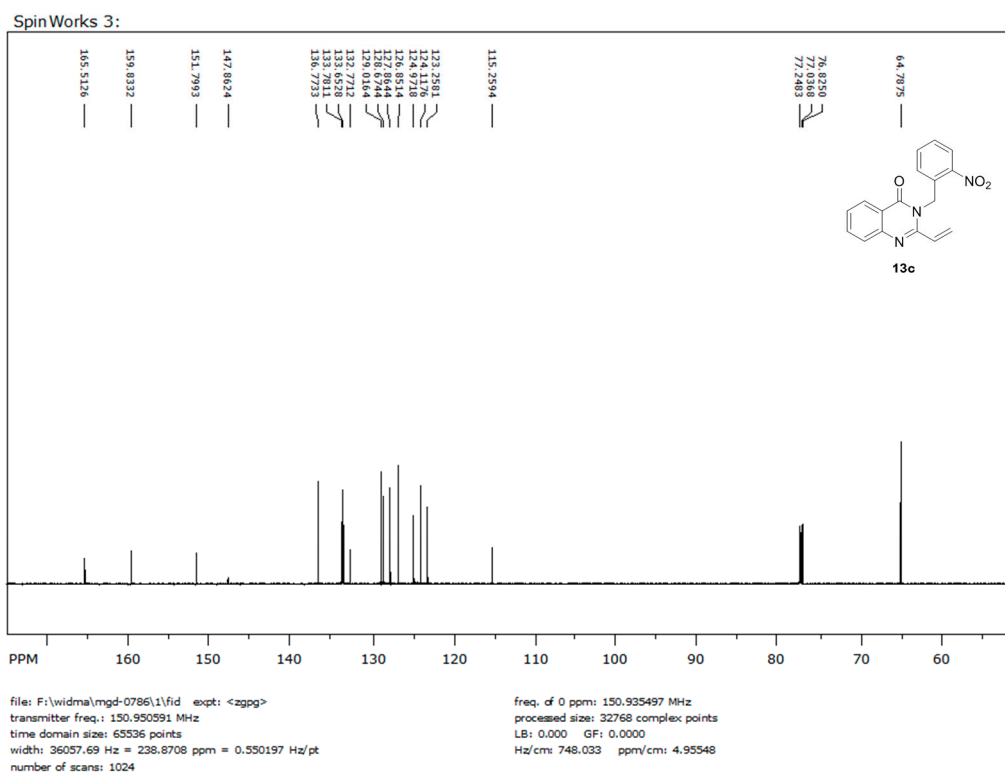
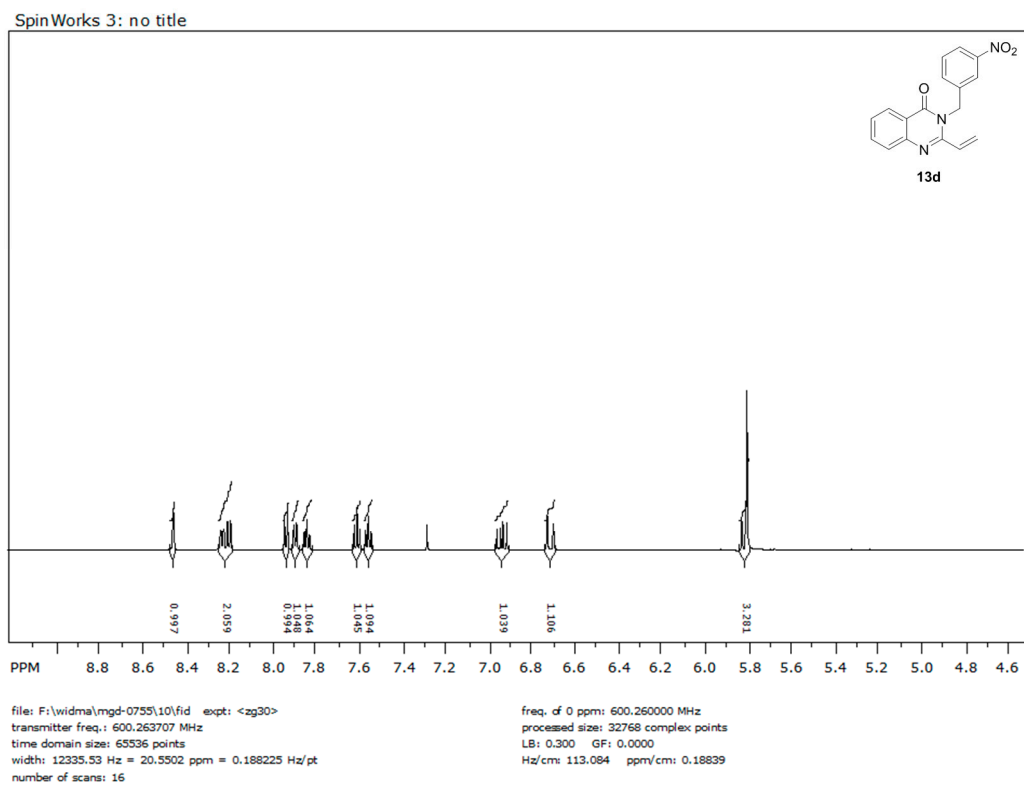
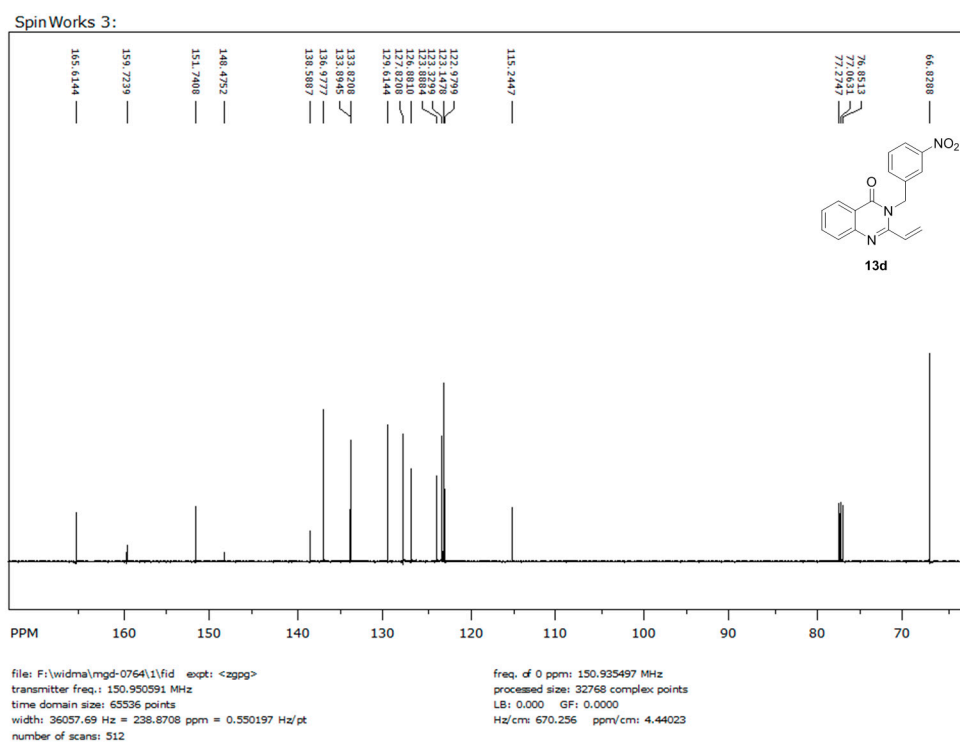
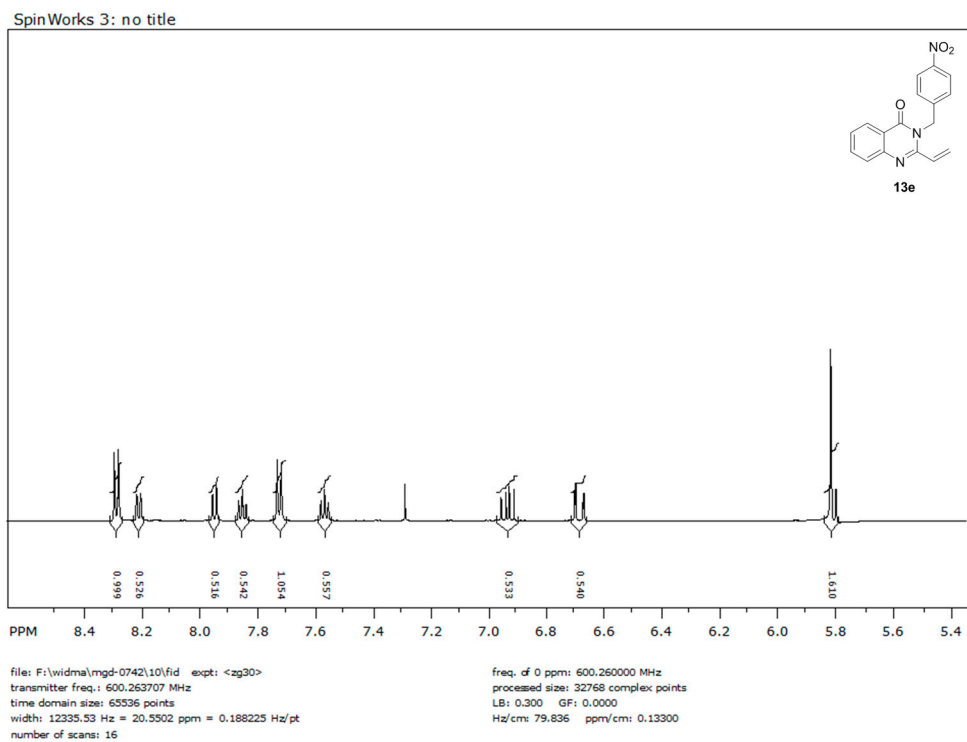
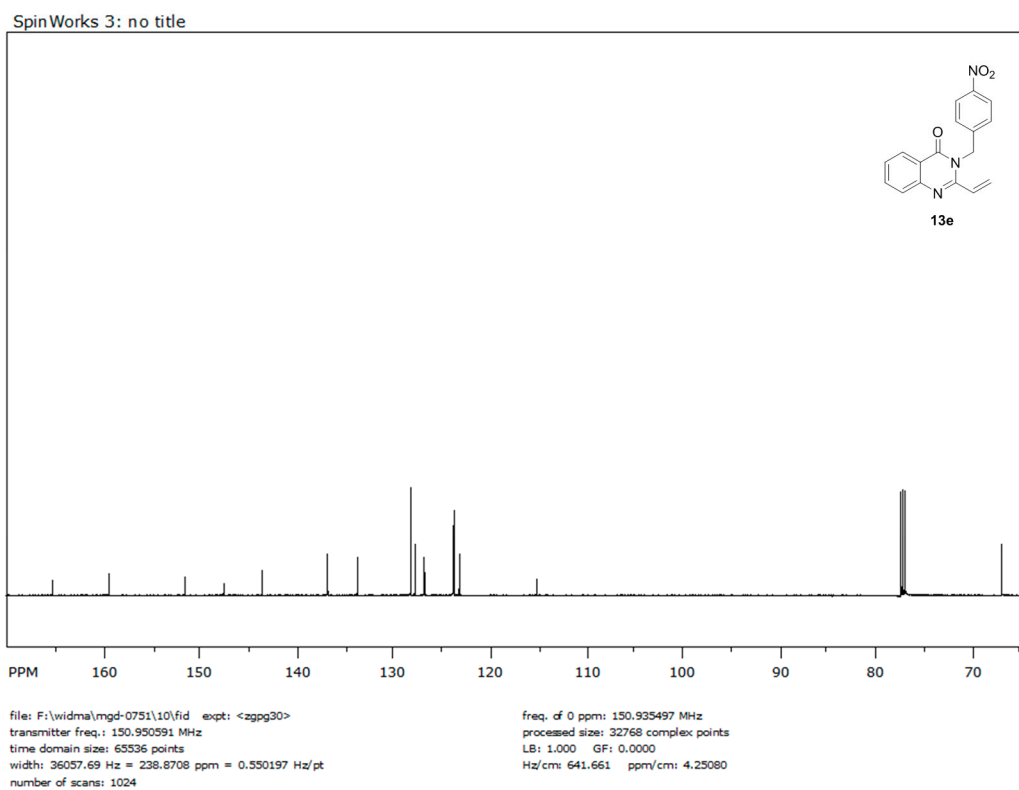


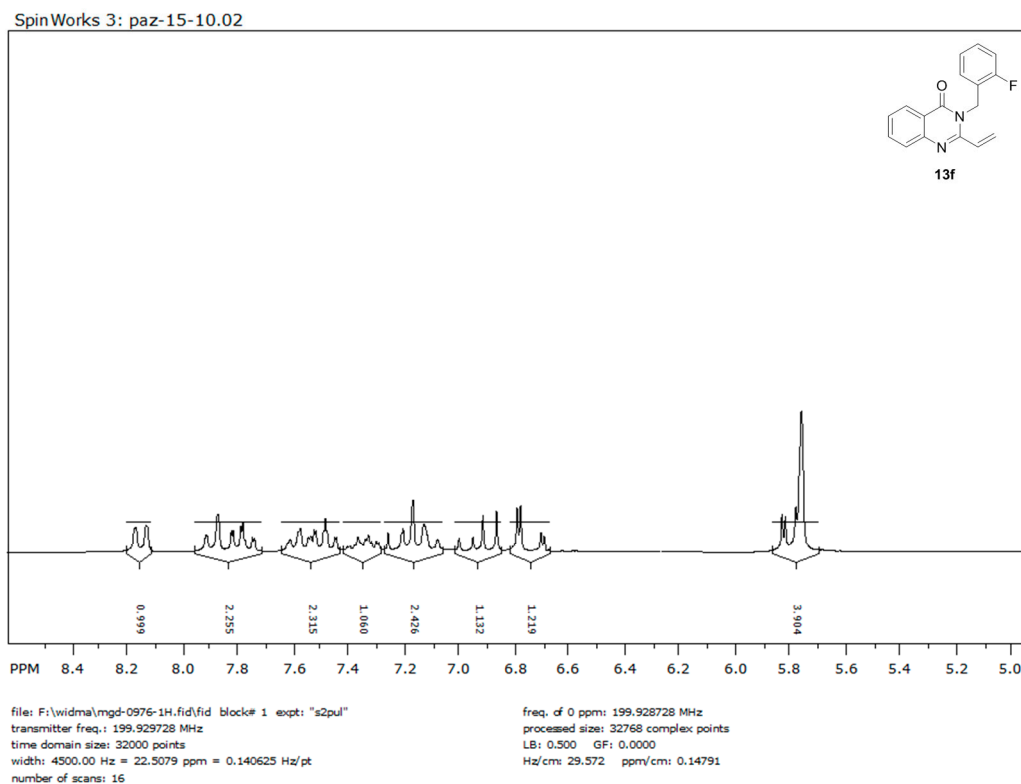
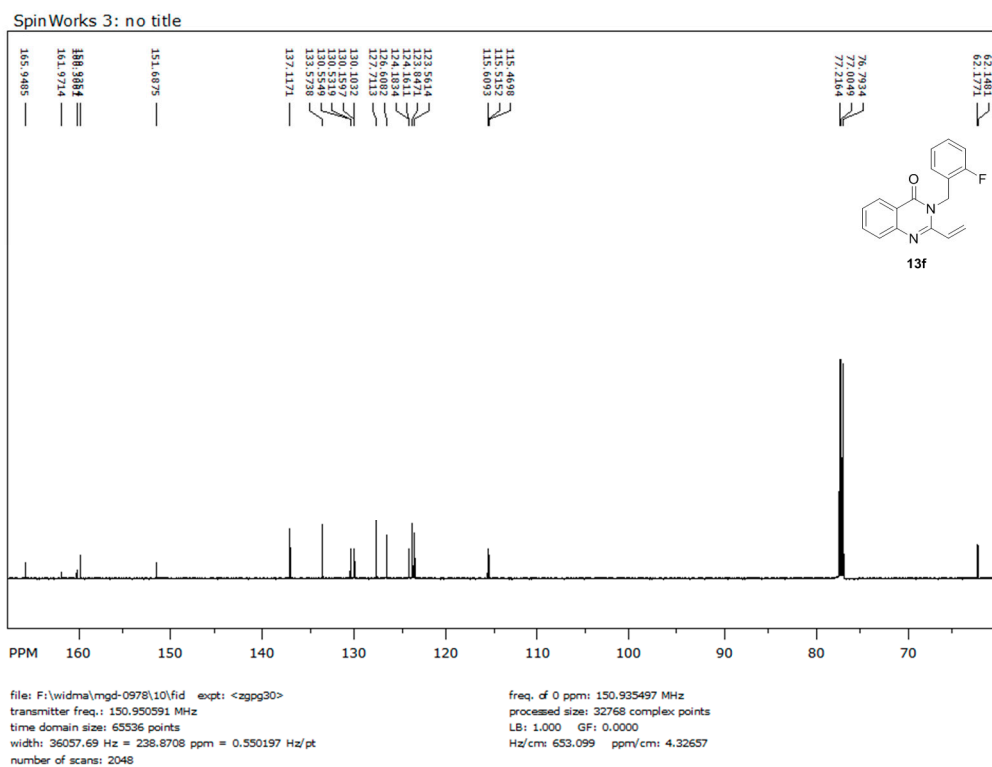
Figure S36. The ^{13}C -NMR spectrum of a 94:6 mixture of isoxazolidines *trans-11k* and *cis-11k*.

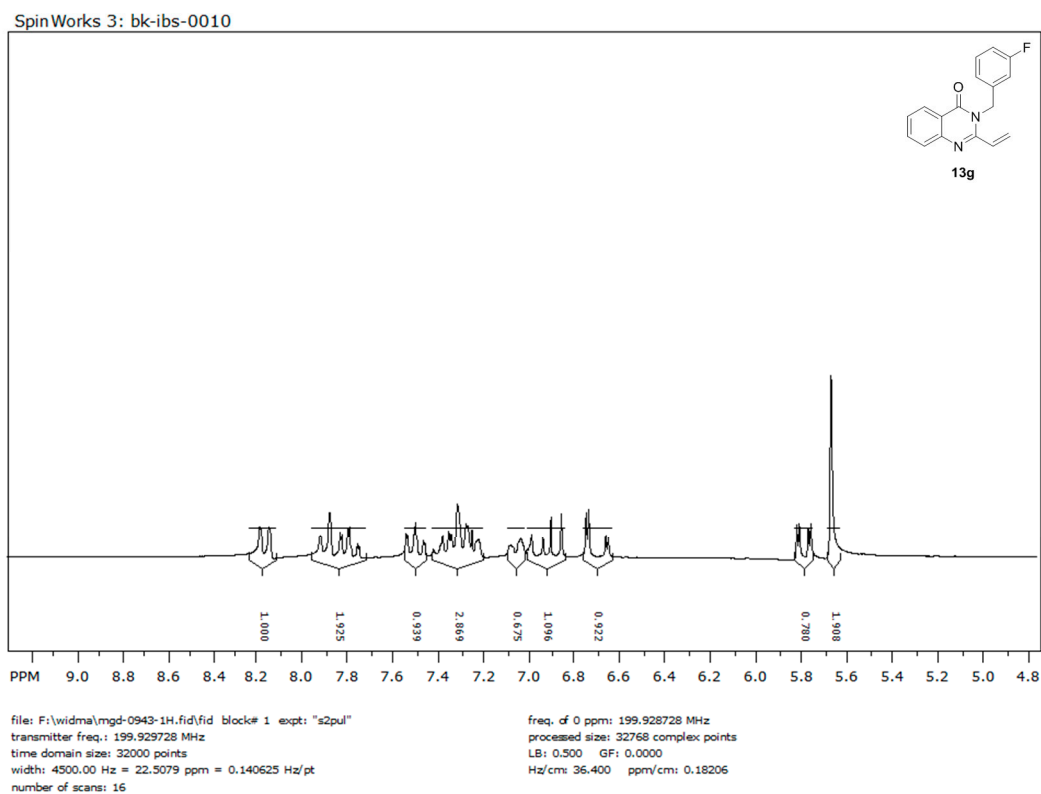
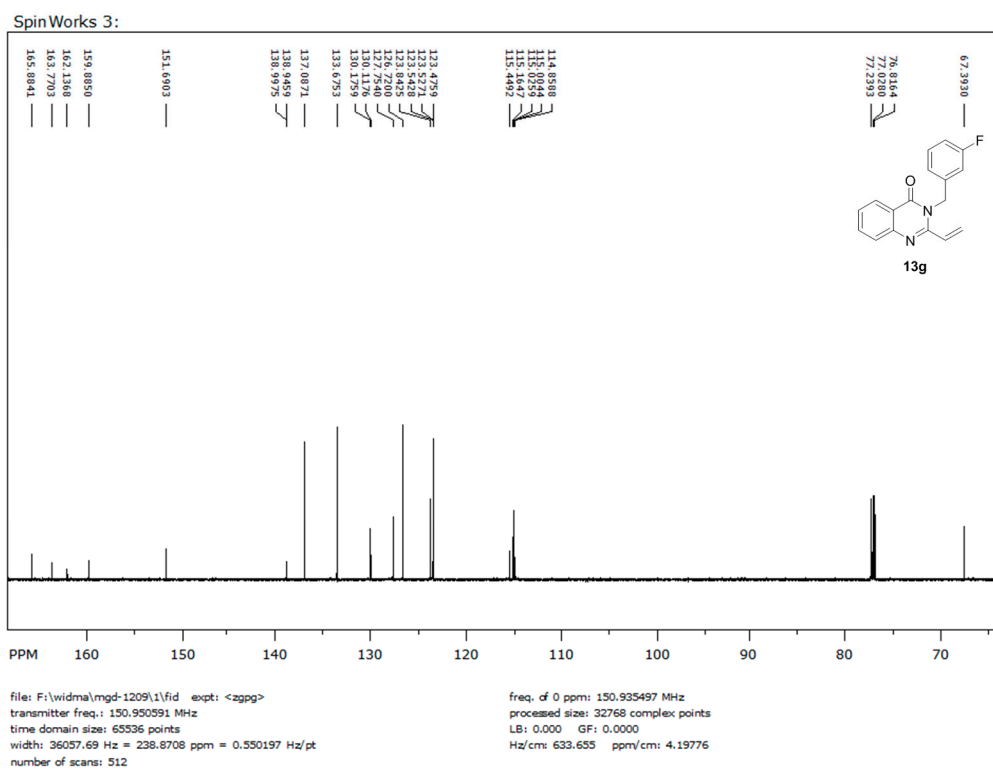
Figure S37. The ^1H -NMR spectrum of compound **13b**.Figure S38. The ^{13}C -NMR spectrum of compound **13b**.

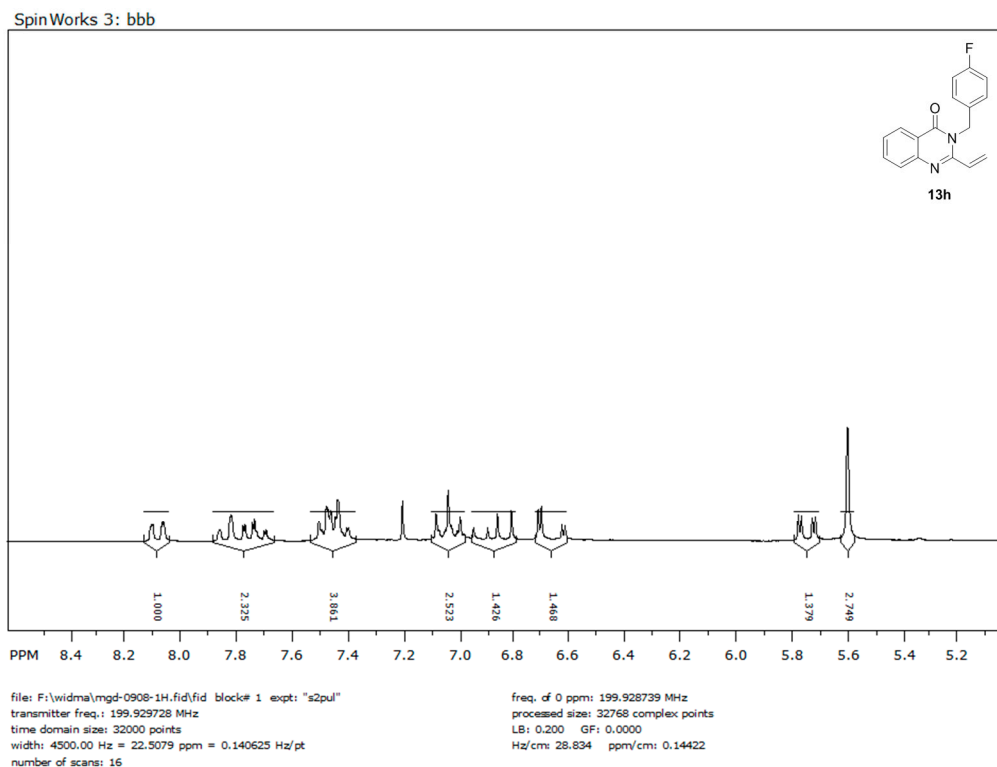
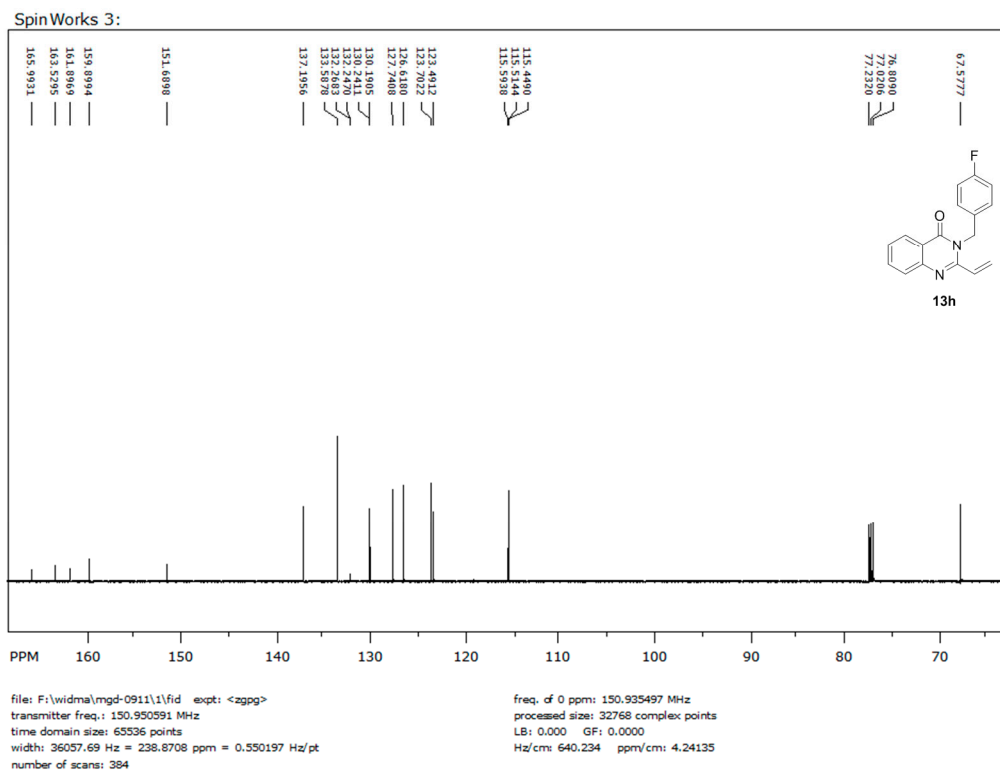
Figure S39. The ^1H -NMR spectrum of compound 13c.Figure S40. The ^{13}C -NMR spectrum of compound 13c.

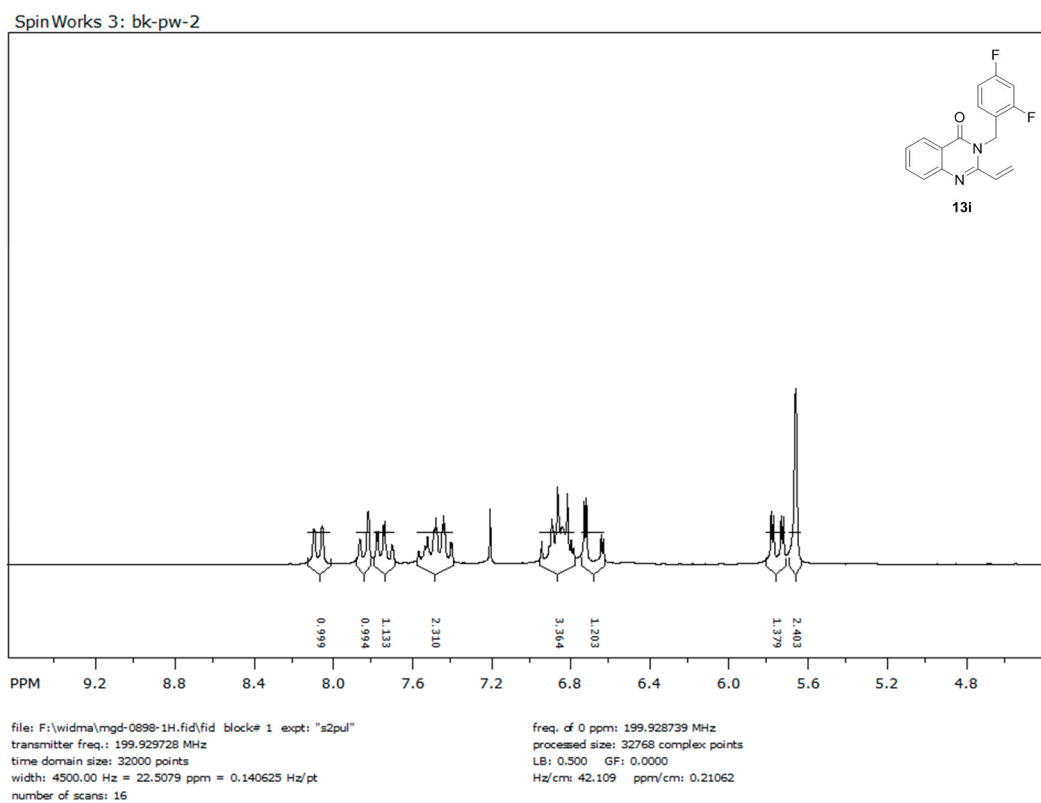
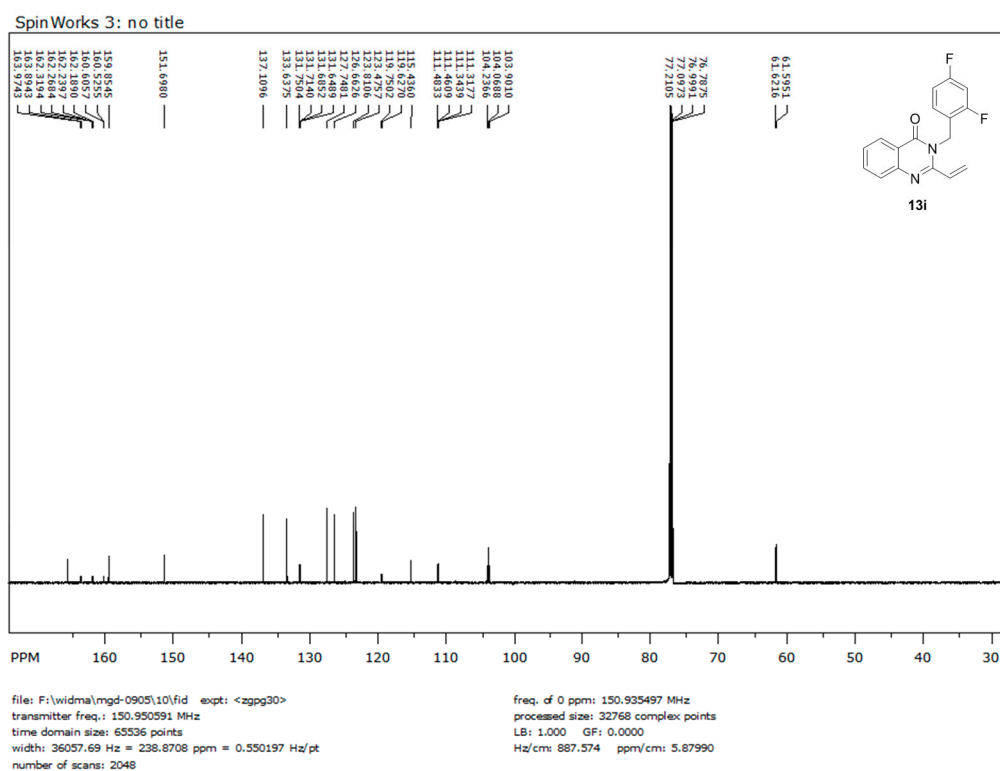
Figure S41. The ^1H -NMR spectrum of compound 13d.Figure S42. The ^{13}C -NMR spectrum of compound 13d.

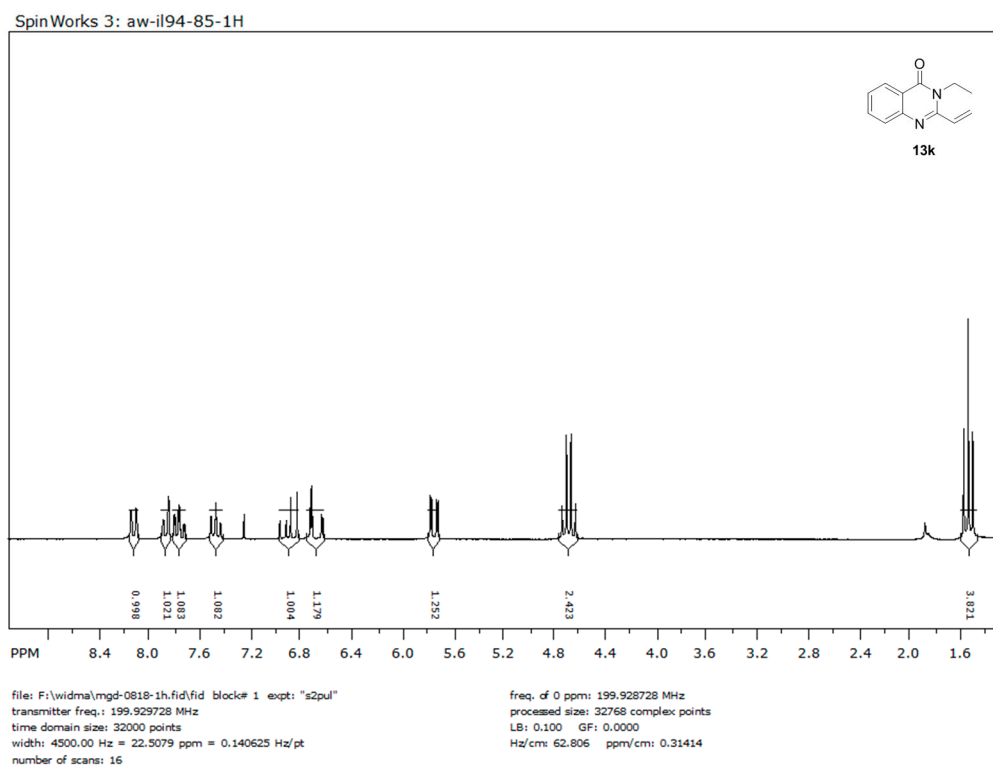
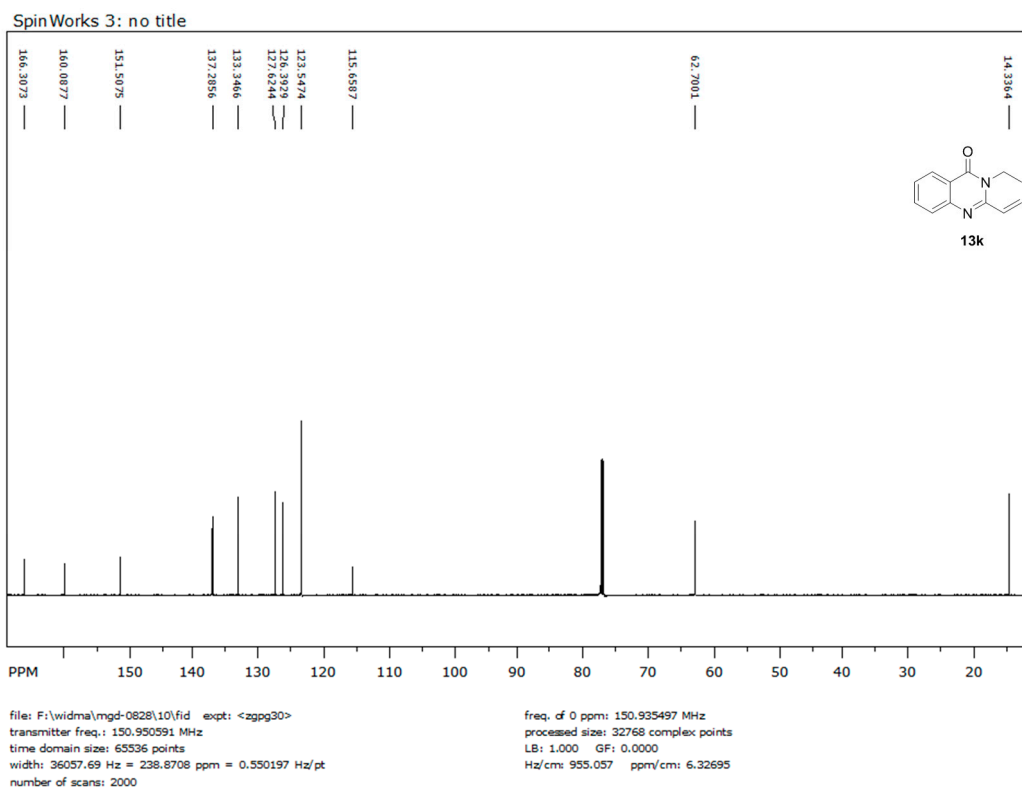
Figure S43. The ^1H -NMR spectrum of compound 13e.Figure S44. The ^{13}C -NMR spectrum of compound 13e.

Figure S45. The ^1H -NMR spectrum of compound 13f.Figure S46. The ^{13}C -NMR spectrum of compound 13f.

Figure S47. The ^1H -NMR spectrum of compound **13g**.Figure S48. The ^{13}C -NMR spectrum of compound **13g**.

Figure S49. The ^1H -NMR spectrum of compound **13h**.Figure S50. The ^{13}C -NMR spectrum of compound **13h**.

Figure S51. The ^1H -NMR spectrum of compound **13i**.Figure S52. The ^{13}C -NMR spectrum of compound **13i**.

Figure S53. The ^1H -NMR spectrum of compound 13k.Figure S54. The ^{13}C -NMR spectrum of compound 13k.