

Supporting Information

Electrochemical Alkoxysulfonylation Difunctionalization of Styrene Derivatives Using Sodium Sulfinates as Sulfonyl Sources

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1. ^1H , ^{13}C and ^{19}F NMR spectra

Figure S1. ^1H -NMR (600 MHz, CDCl_3) of **3a**:

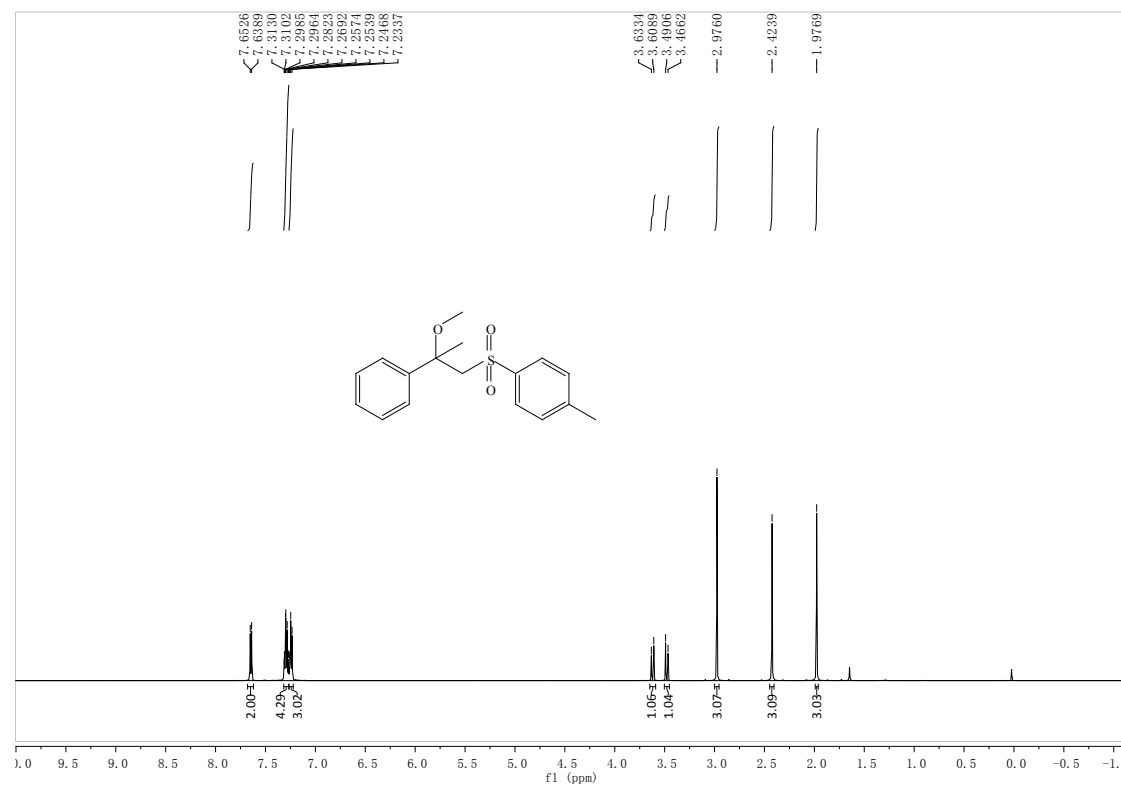


Figure S2. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **3b**:

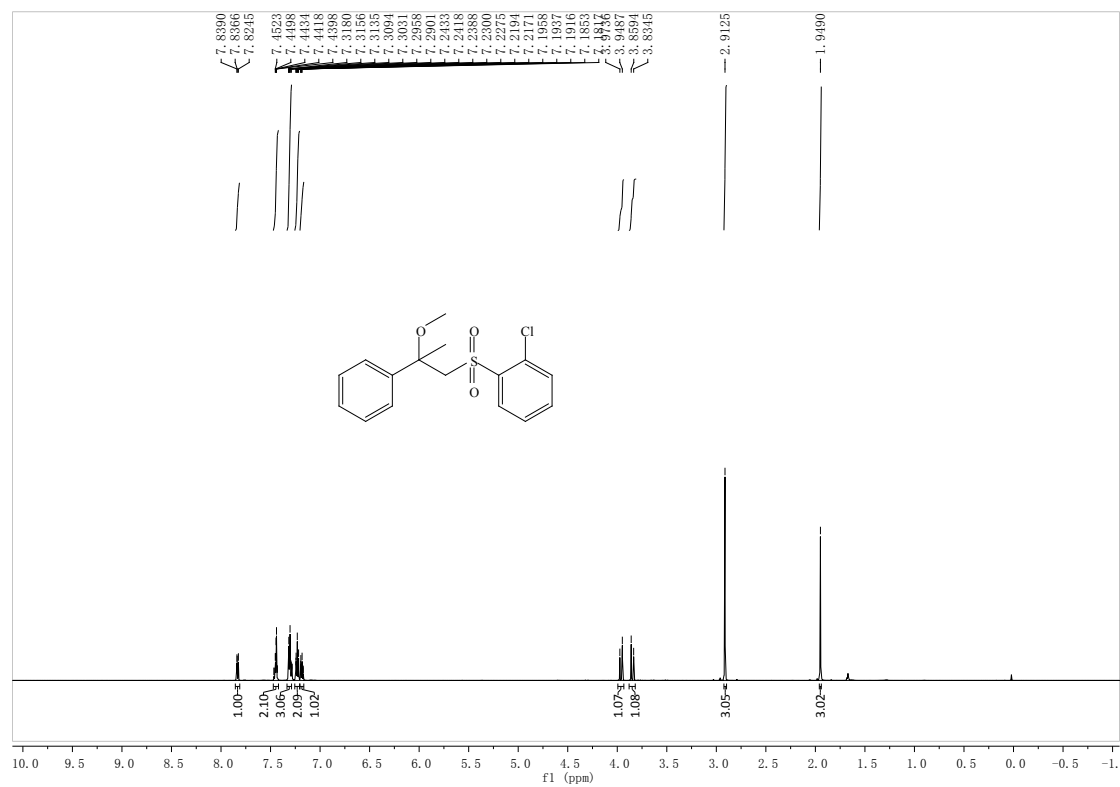


Figure S3. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **3b**:

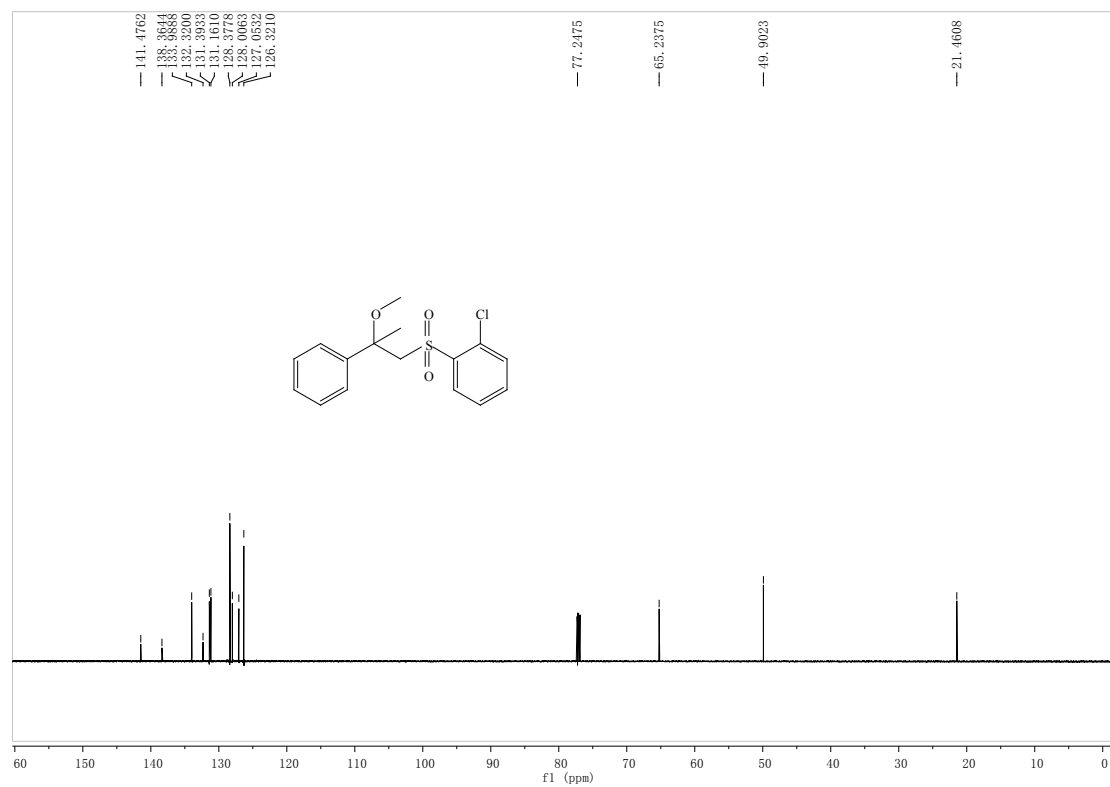


Figure S4. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **3c**:



Figure S5. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **3c**:

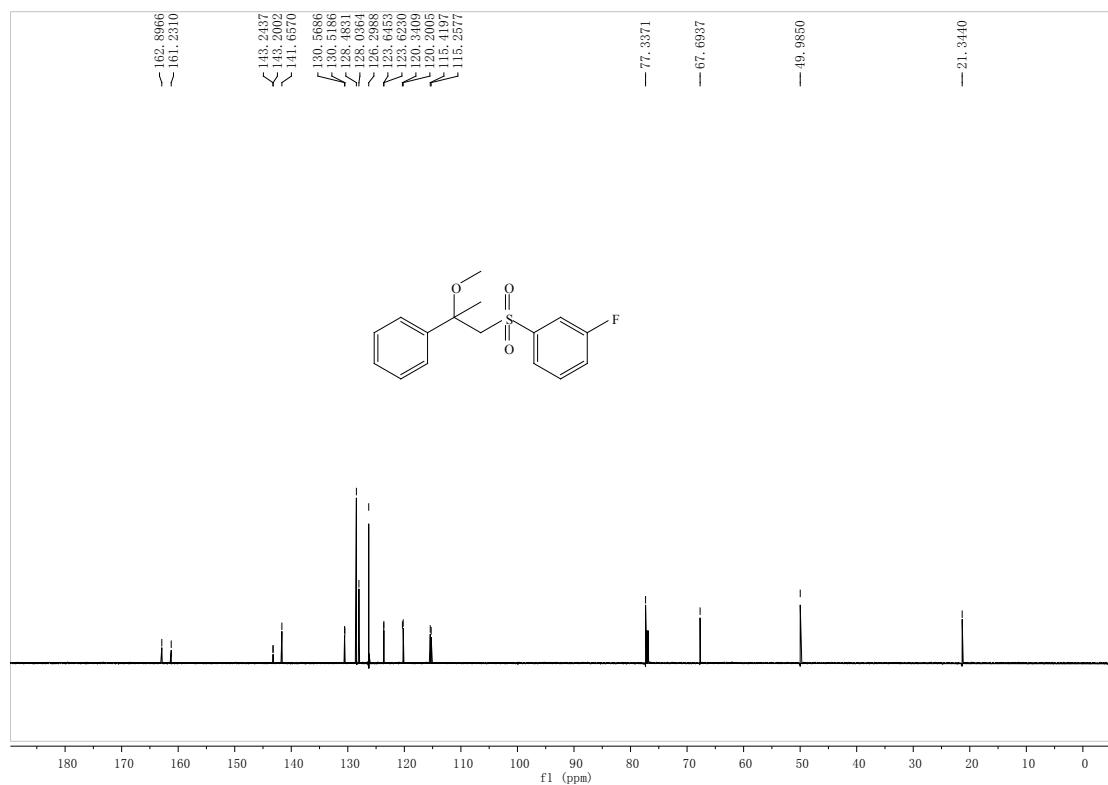


Figure S6. ^{19}F NMR (565 MHz, CDCl_3) of **3c**:

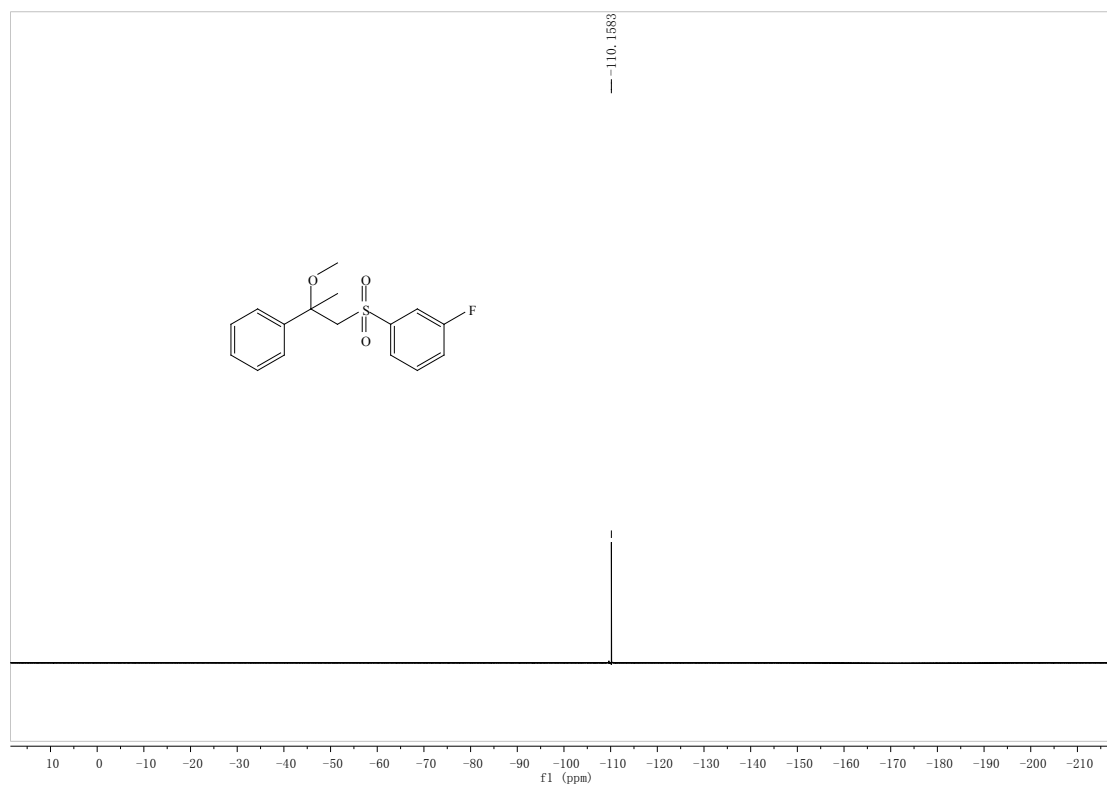


Figure S7. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **3d**:

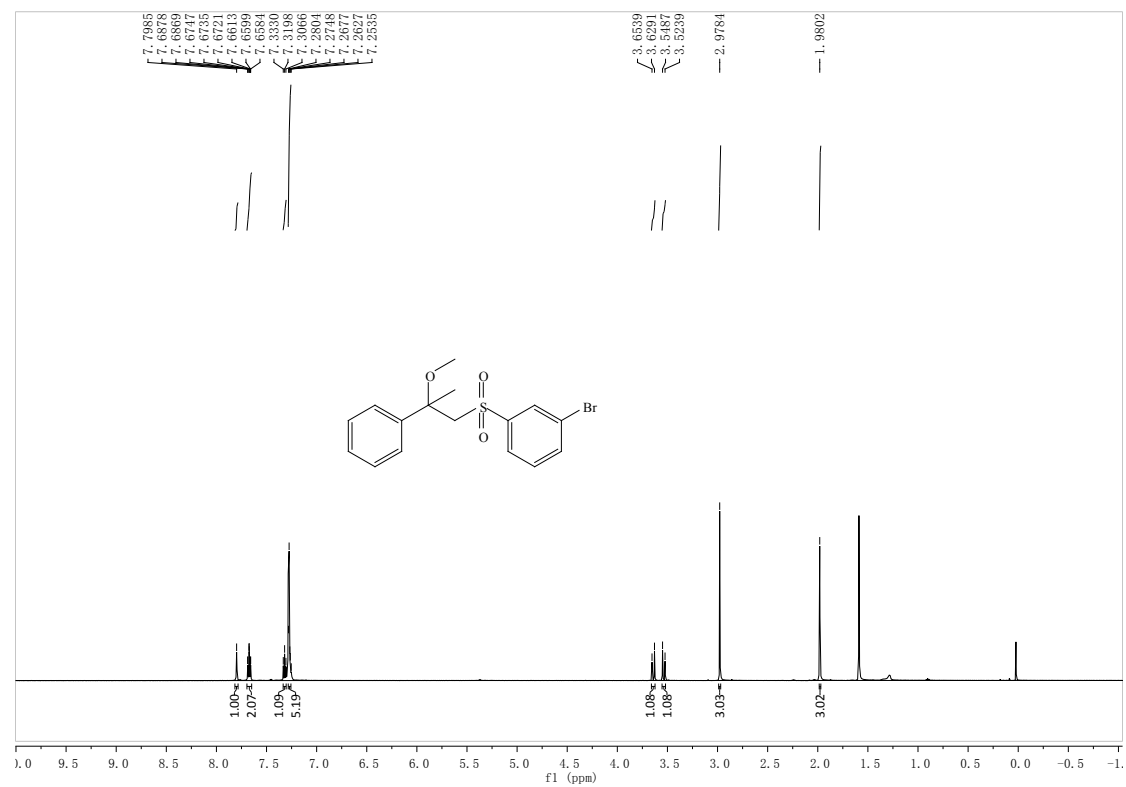


Figure S8. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **3d**:

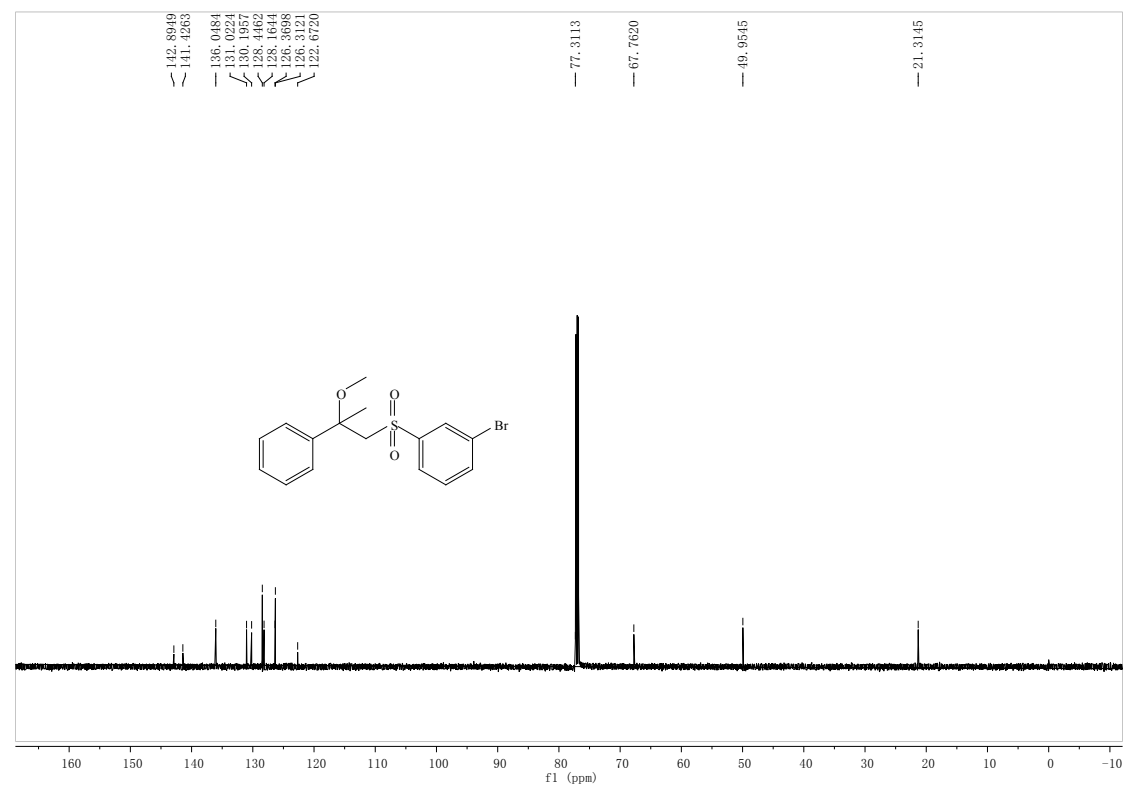


Figure S9. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **3e**:

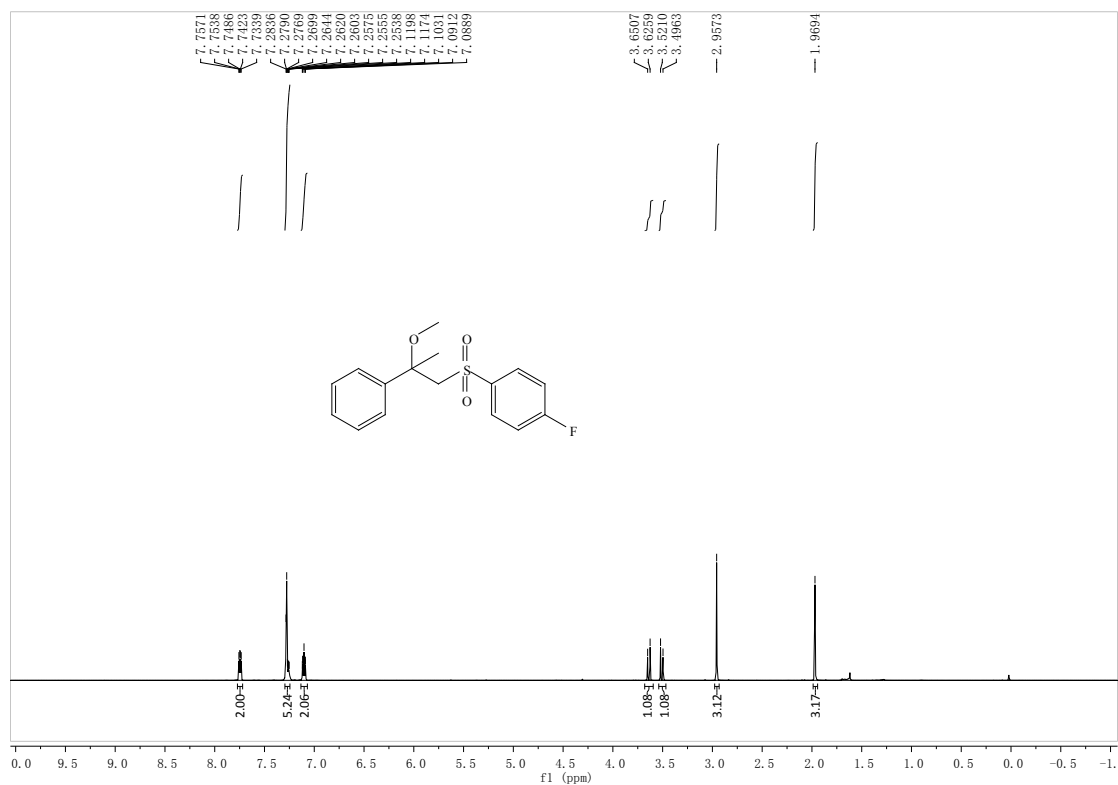


Figure S10. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **3e**:

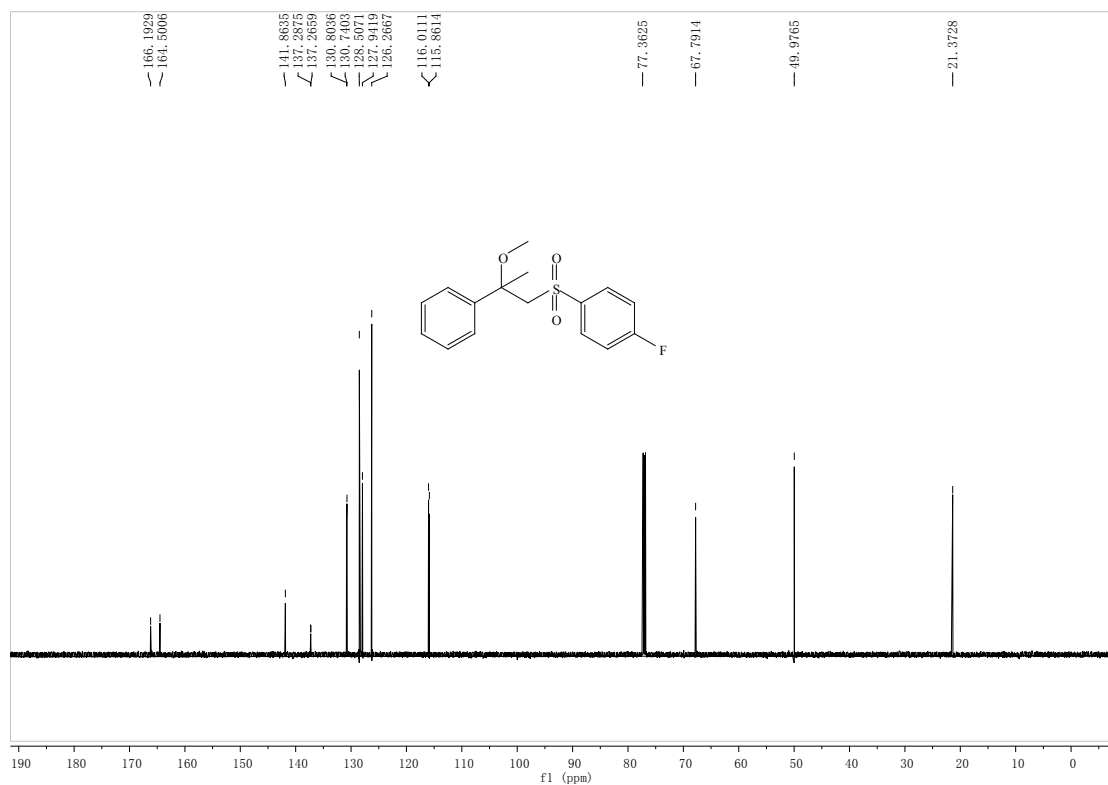


Figure S11. ^{19}F NMR (565 MHz, CDCl_3) of **3e**:

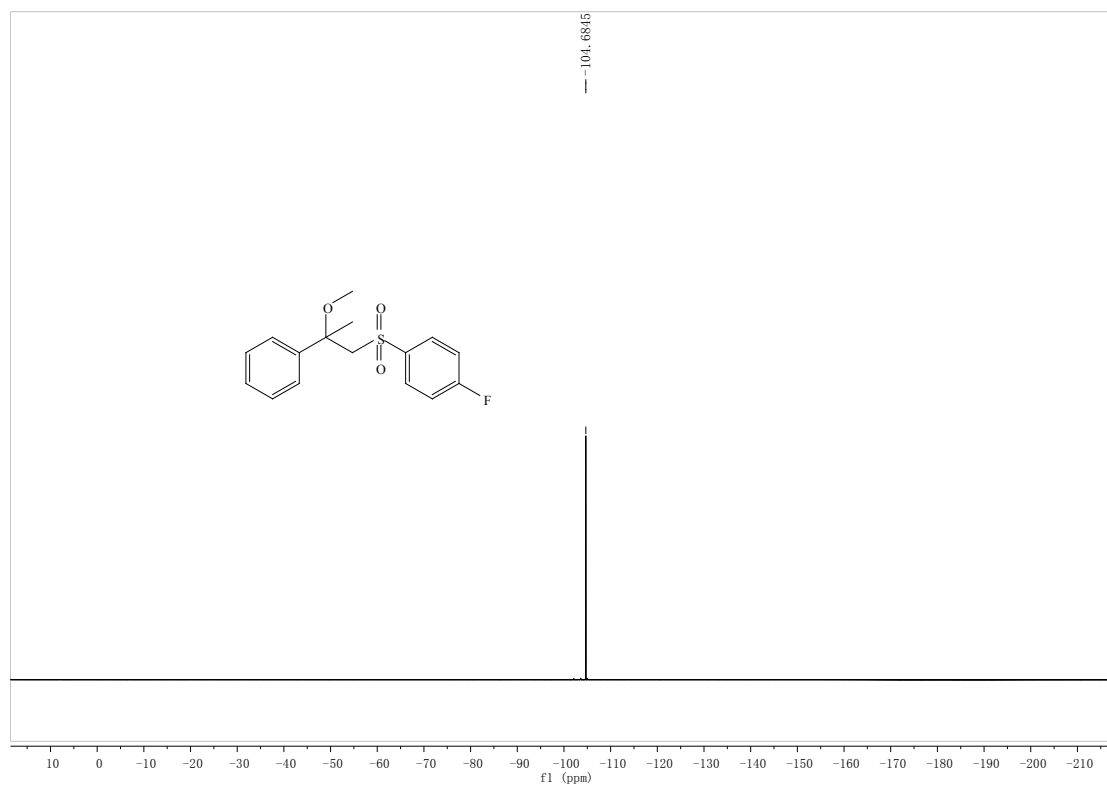


Figure S12. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **3f**:

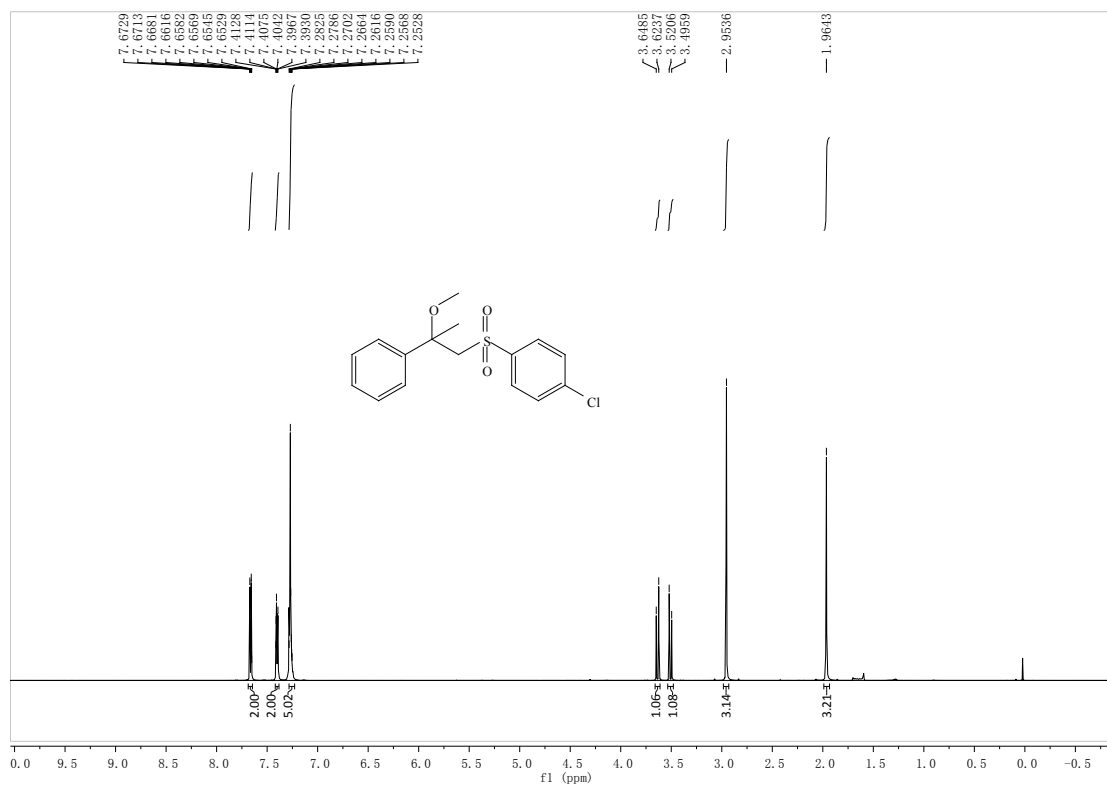


Figure S13. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **3f**:

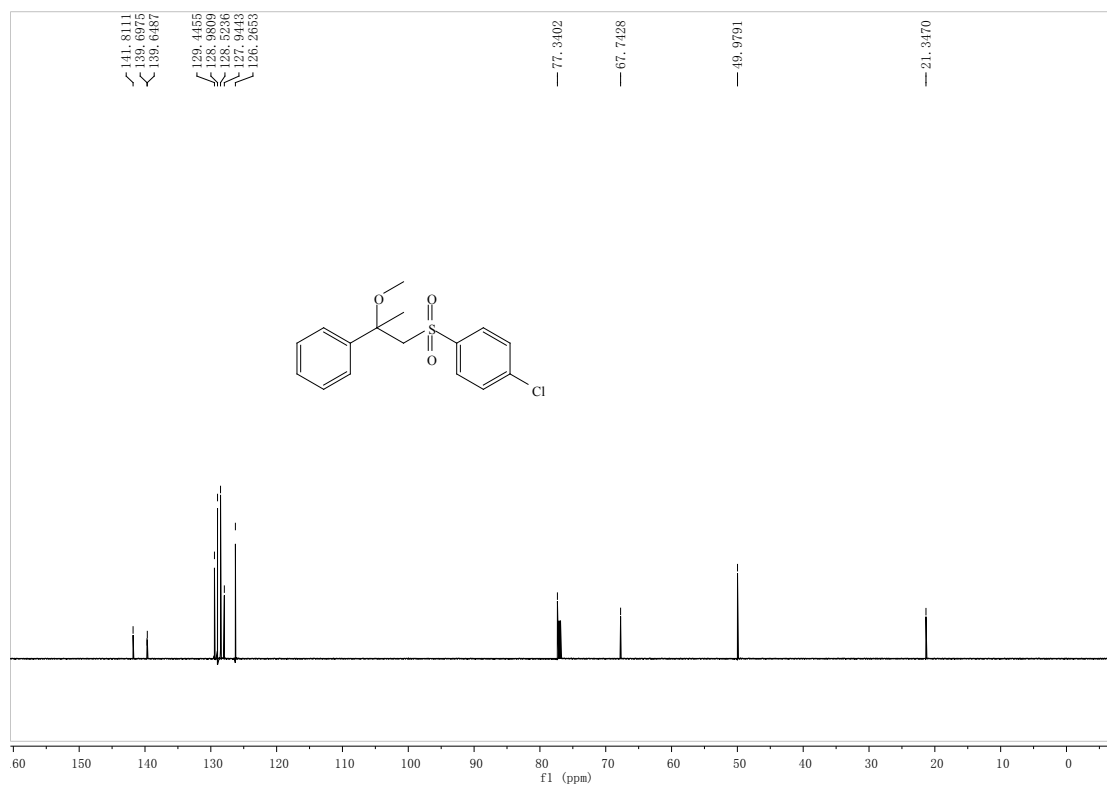


Figure S14. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **3g**:

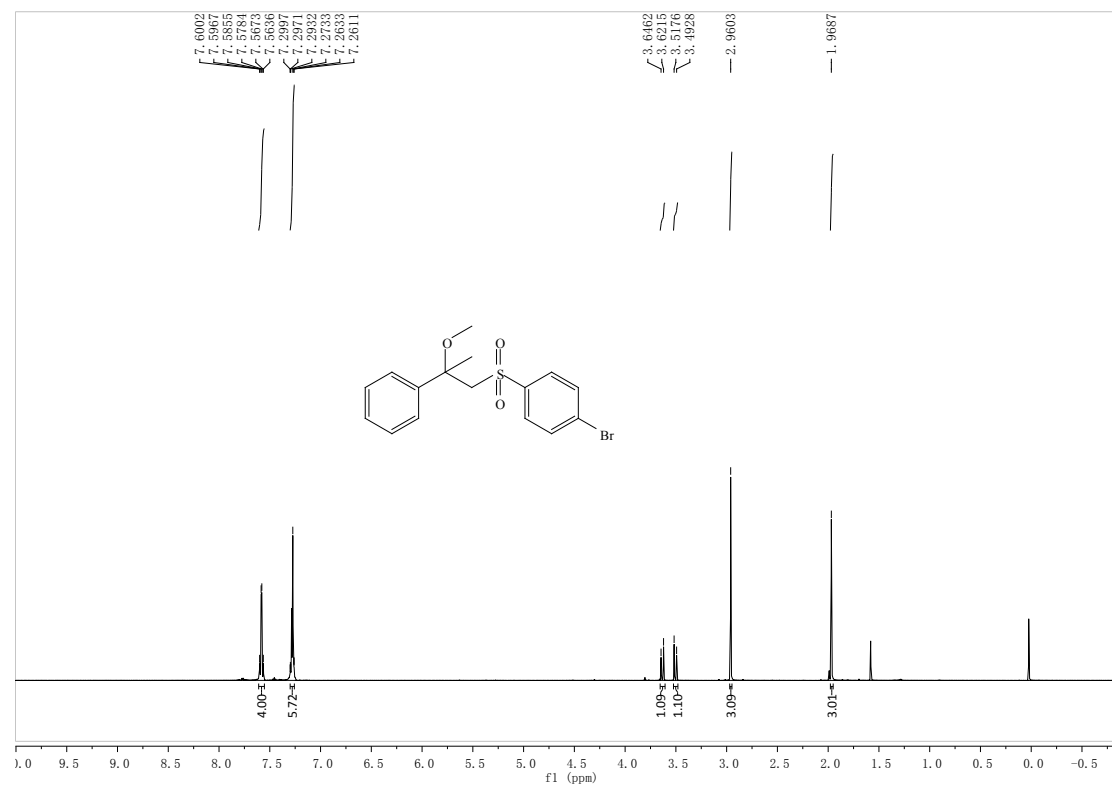


Figure S15. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **3g**:

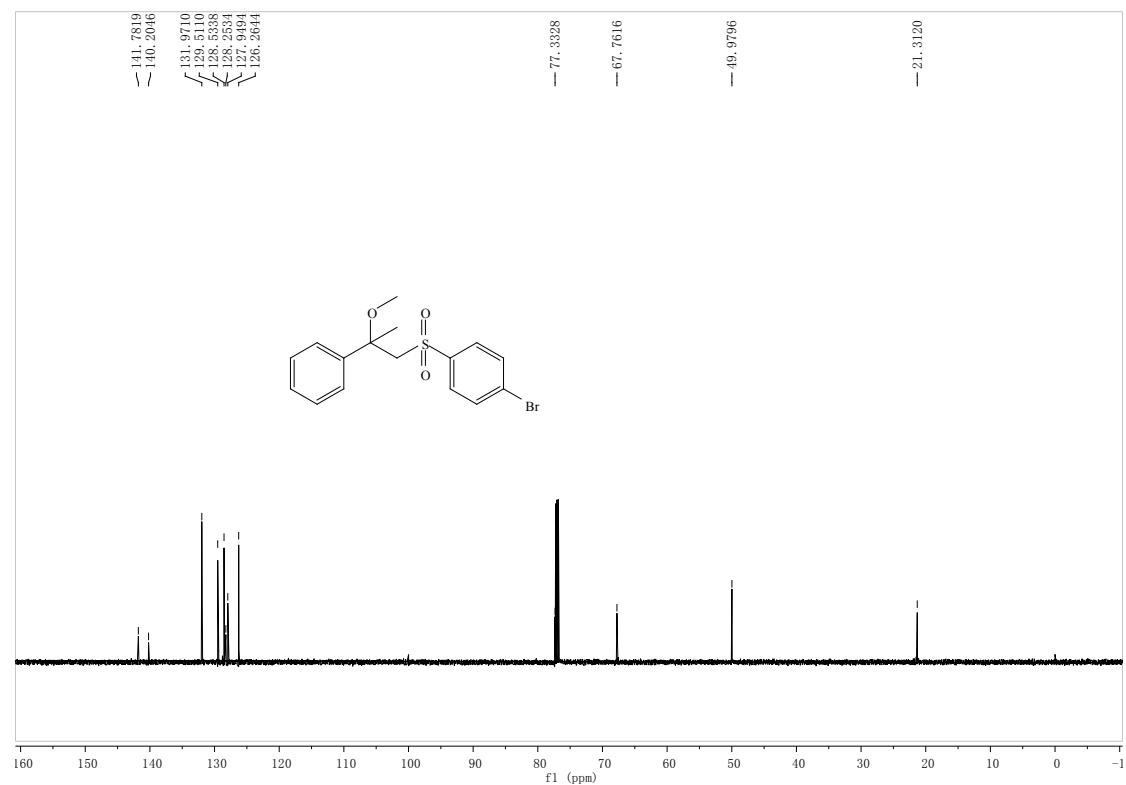


Figure S16. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **3h**:

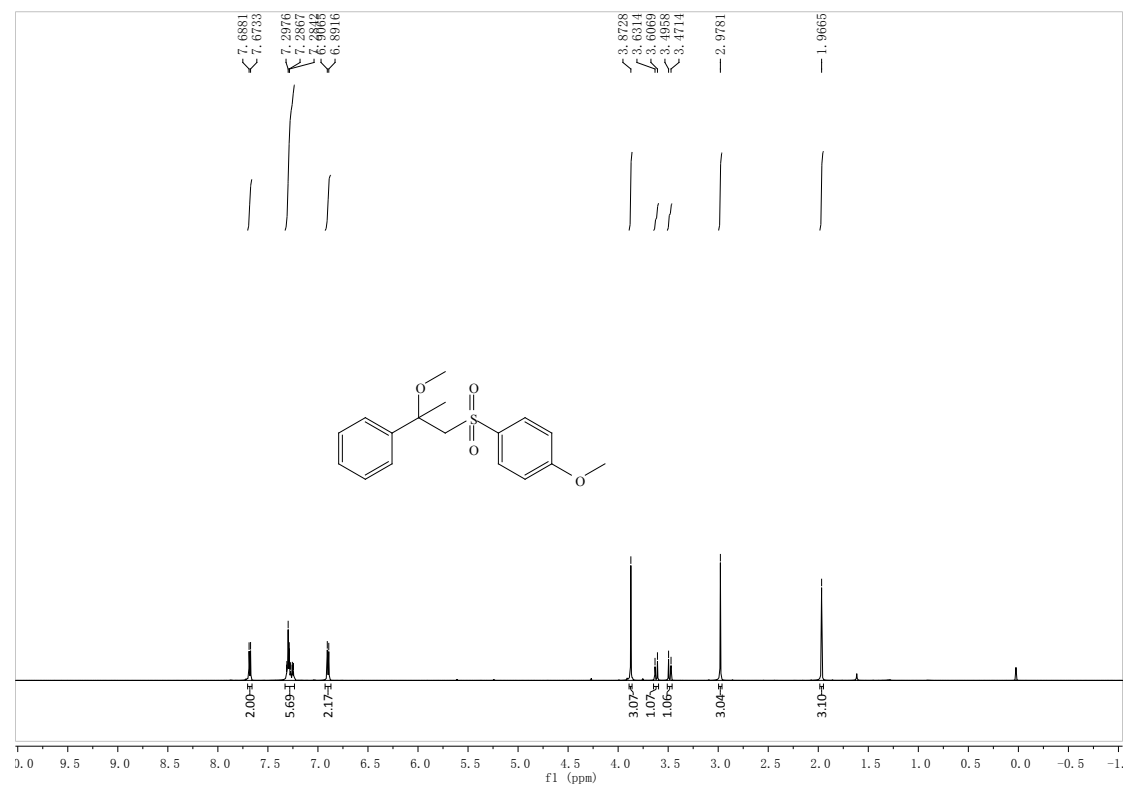


Figure S17. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **3h**:

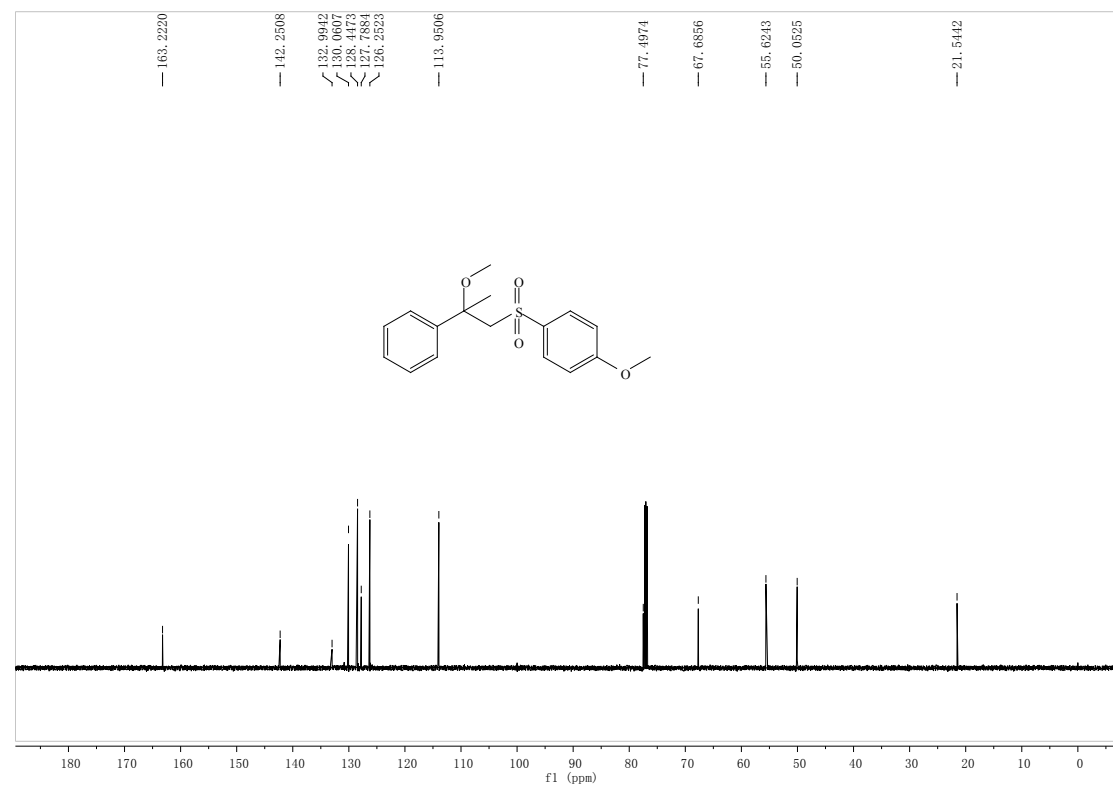


Figure S18. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **3i**:

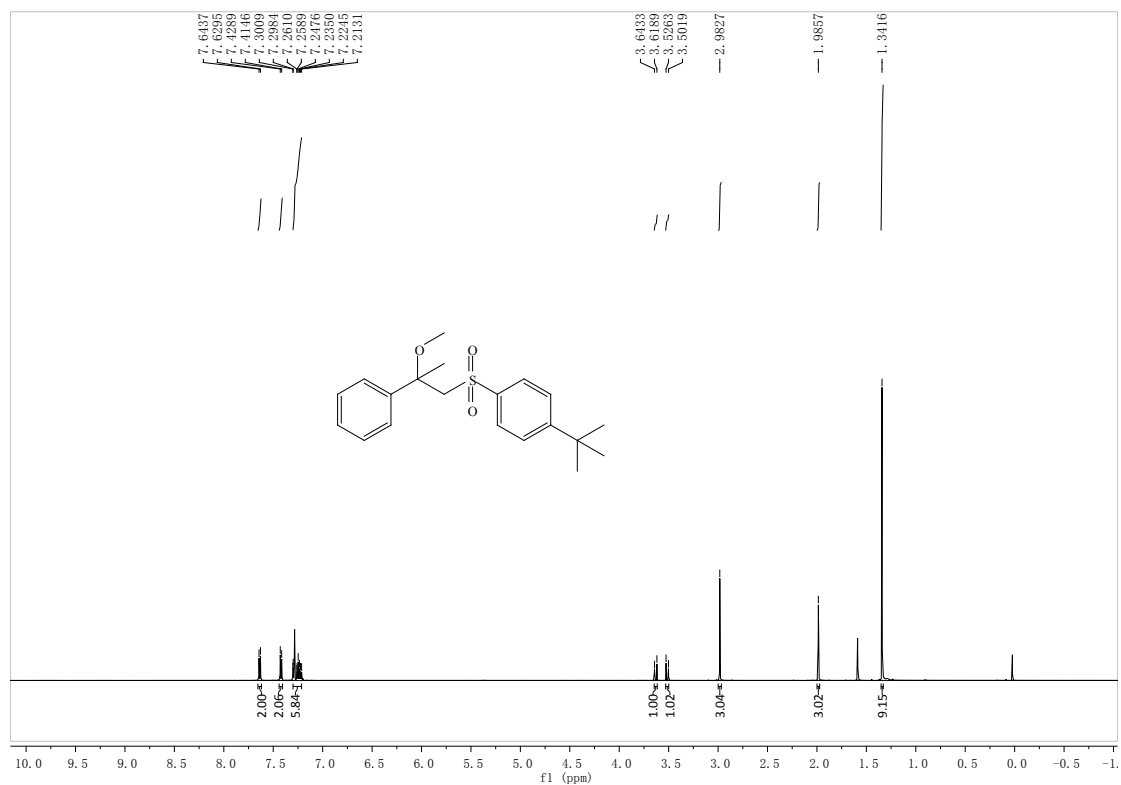


Figure S19. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **3i**:

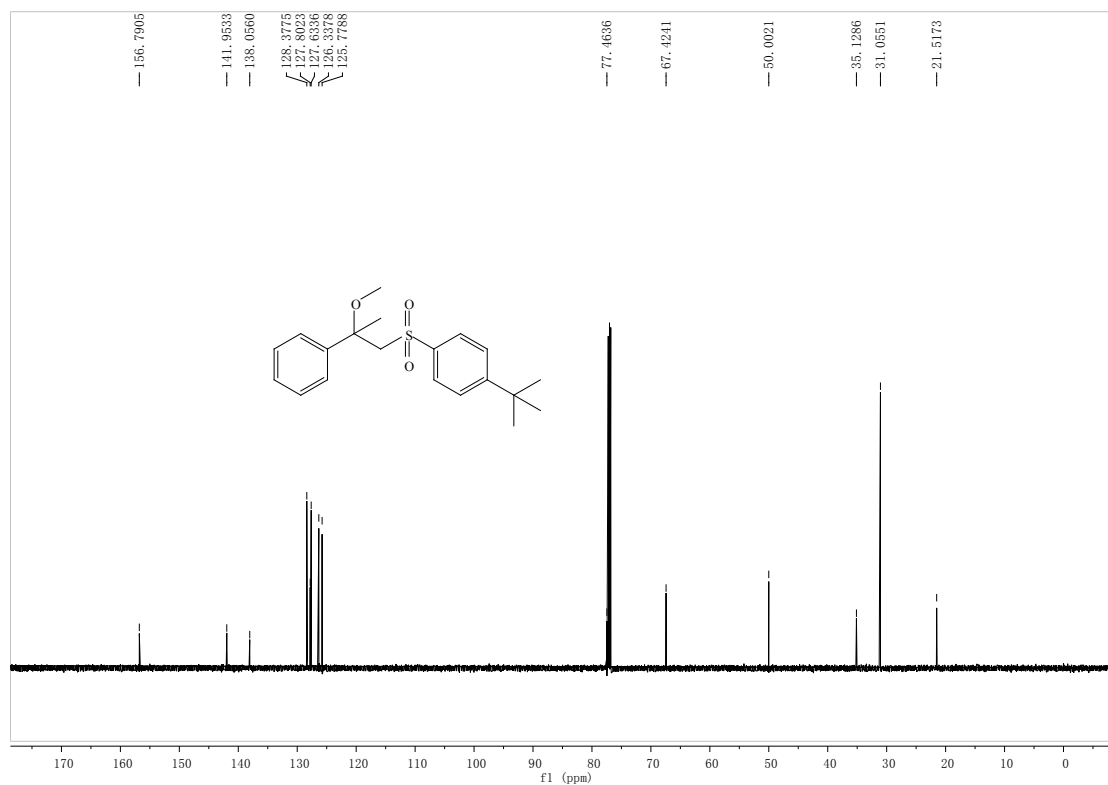


Figure S20. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **3j**:

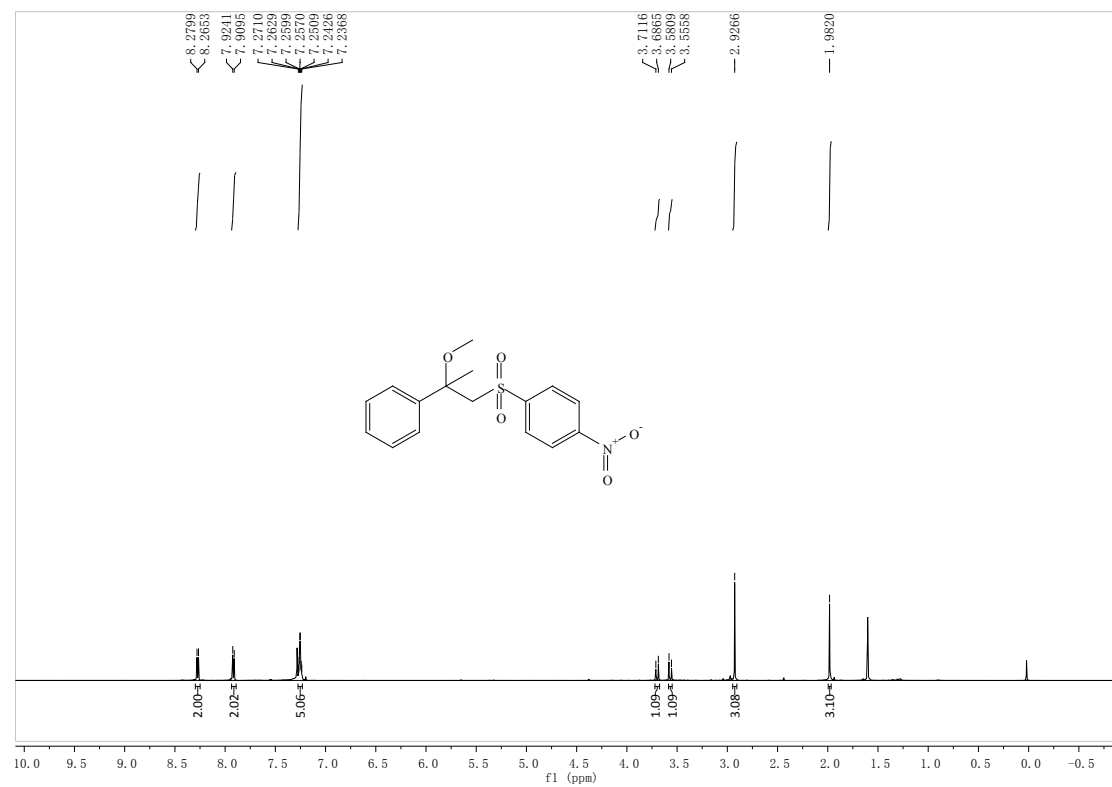


Figure S21. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **3j**:

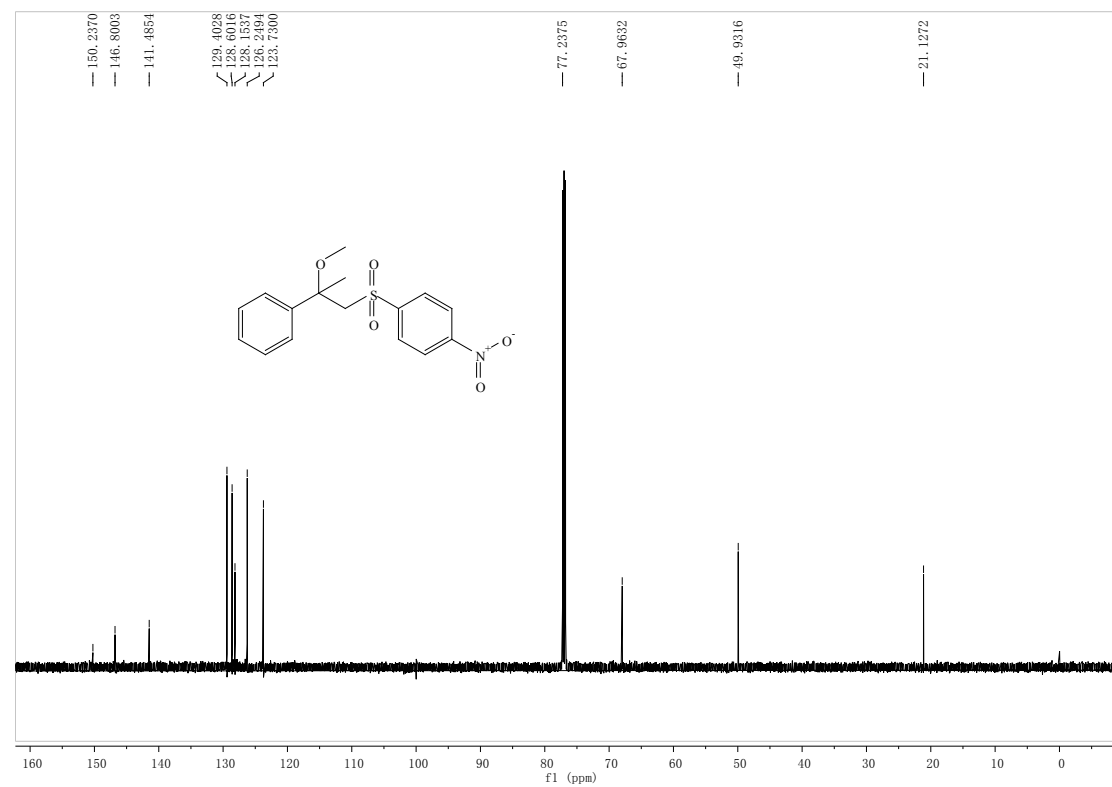


Figure S22. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **3k**:

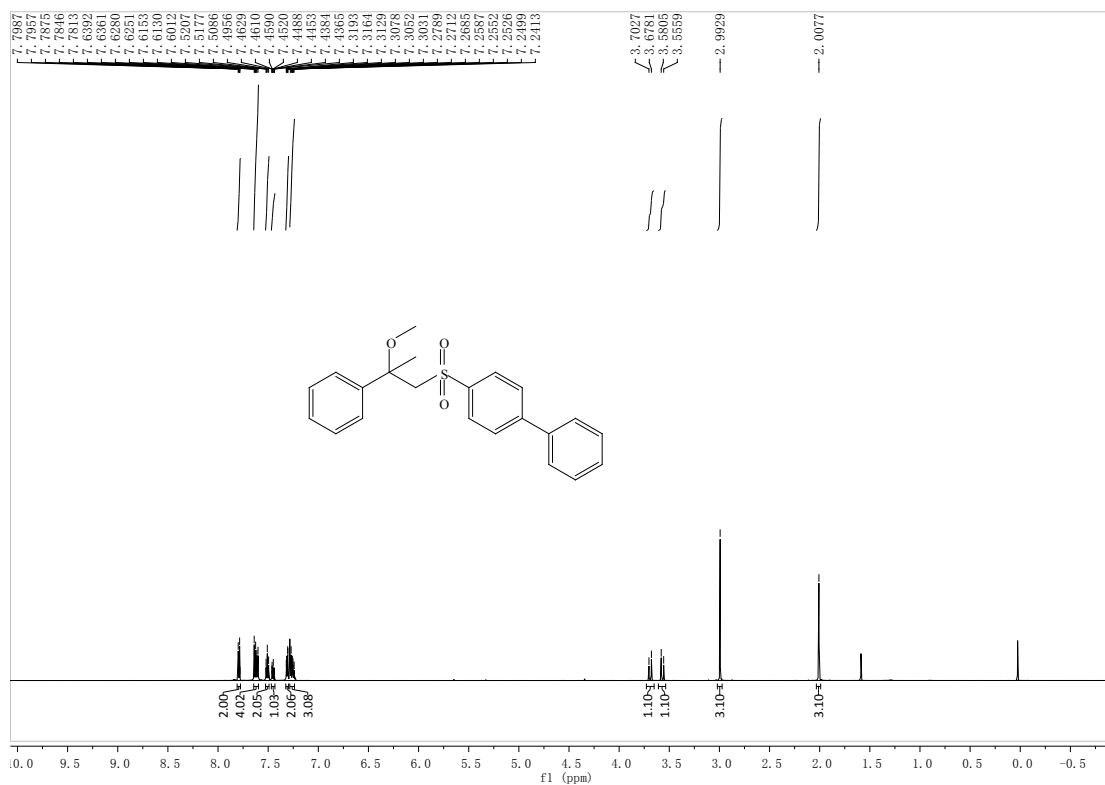


Figure S23. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **3k**:

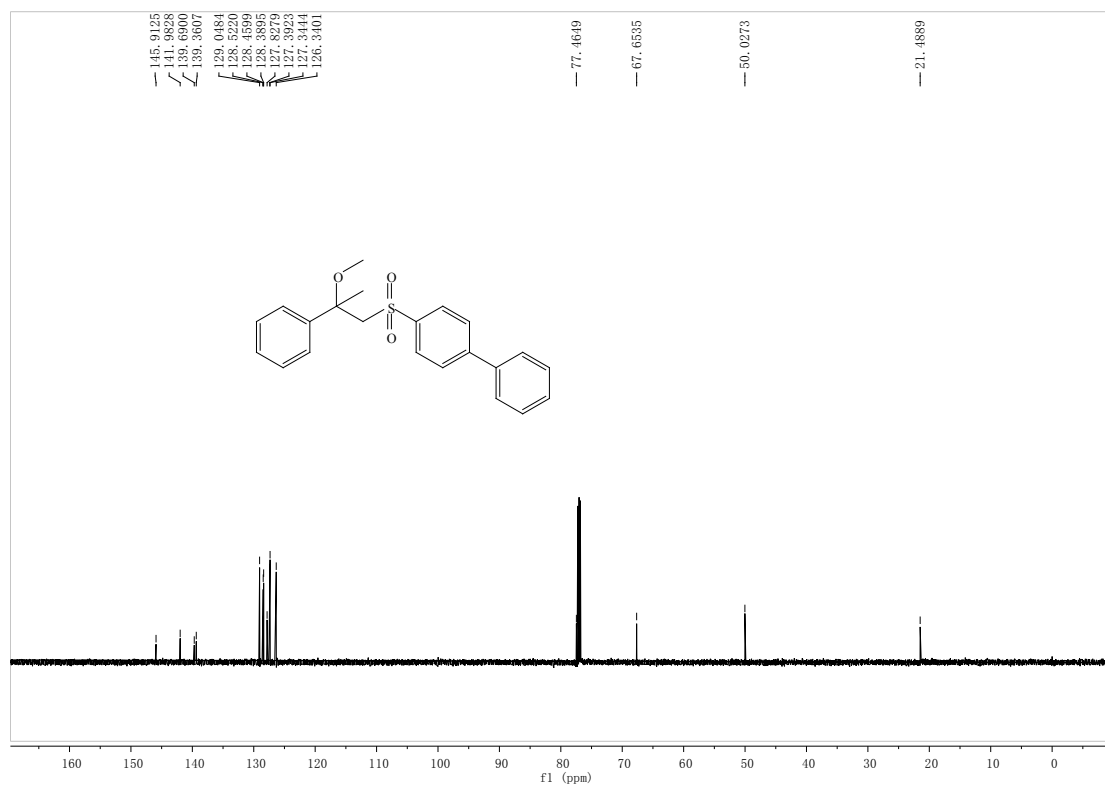


Figure S24. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **4a**:

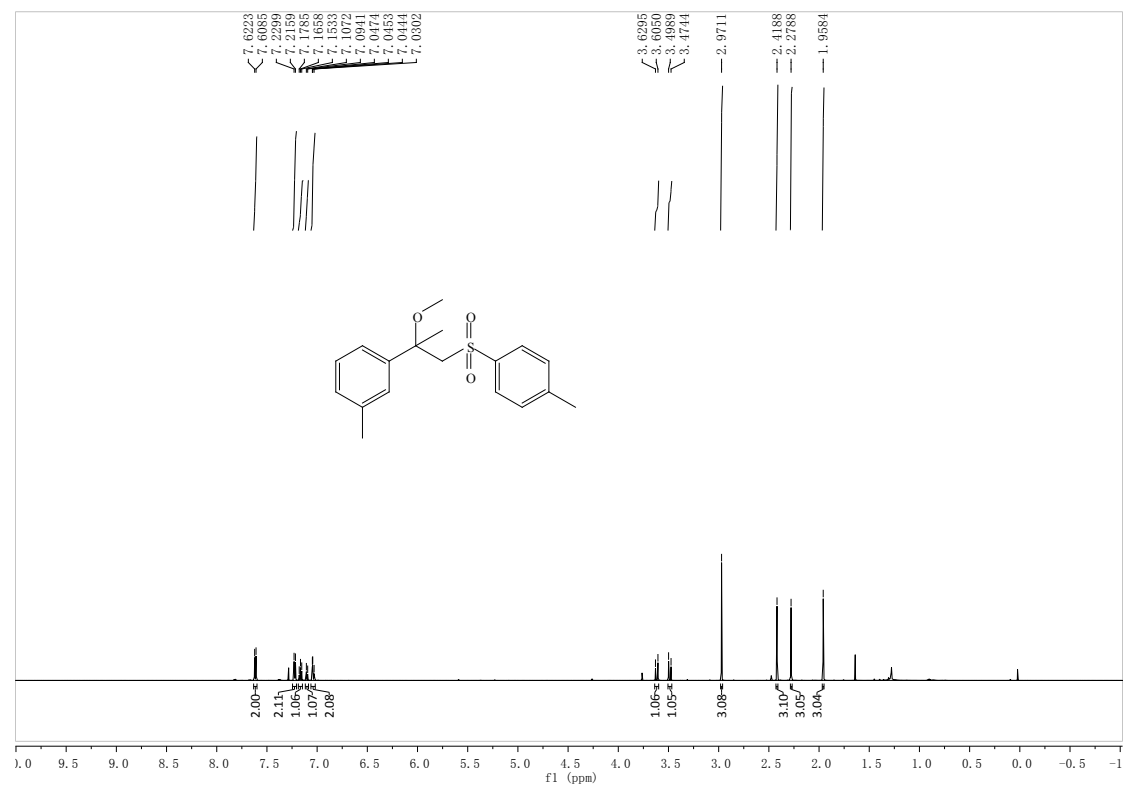


Figure S25. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **4a**:

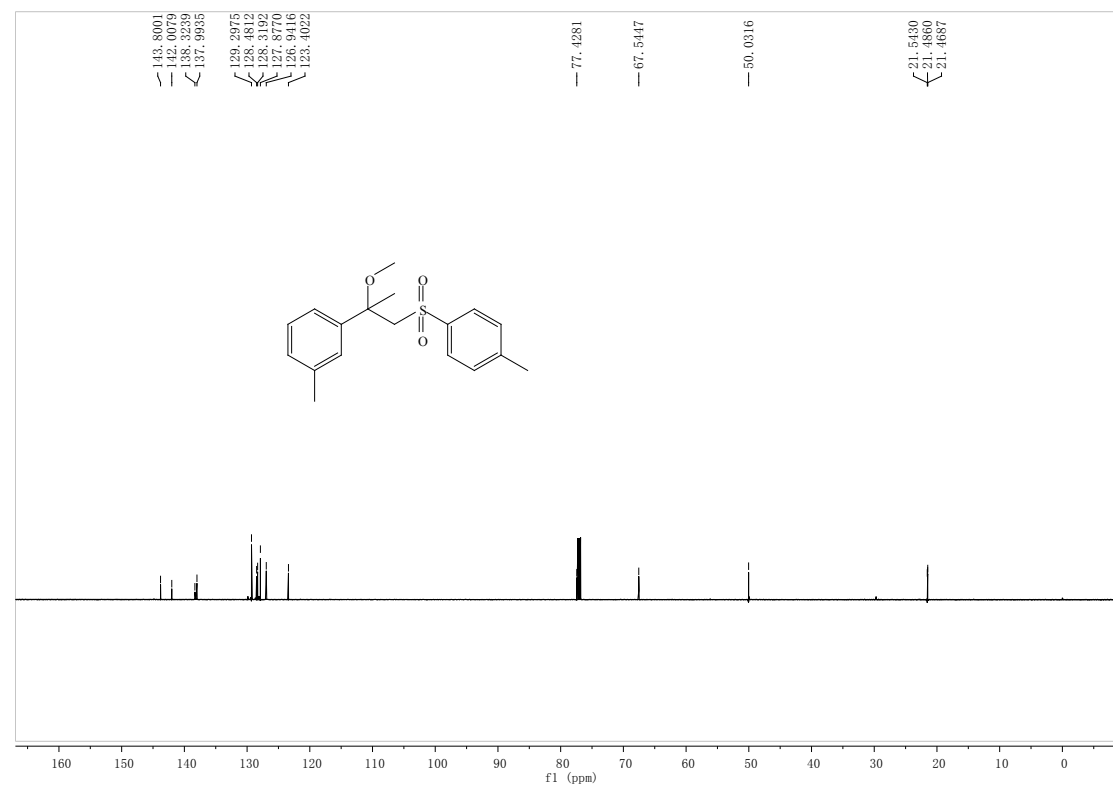


Figure S26. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **4b**:

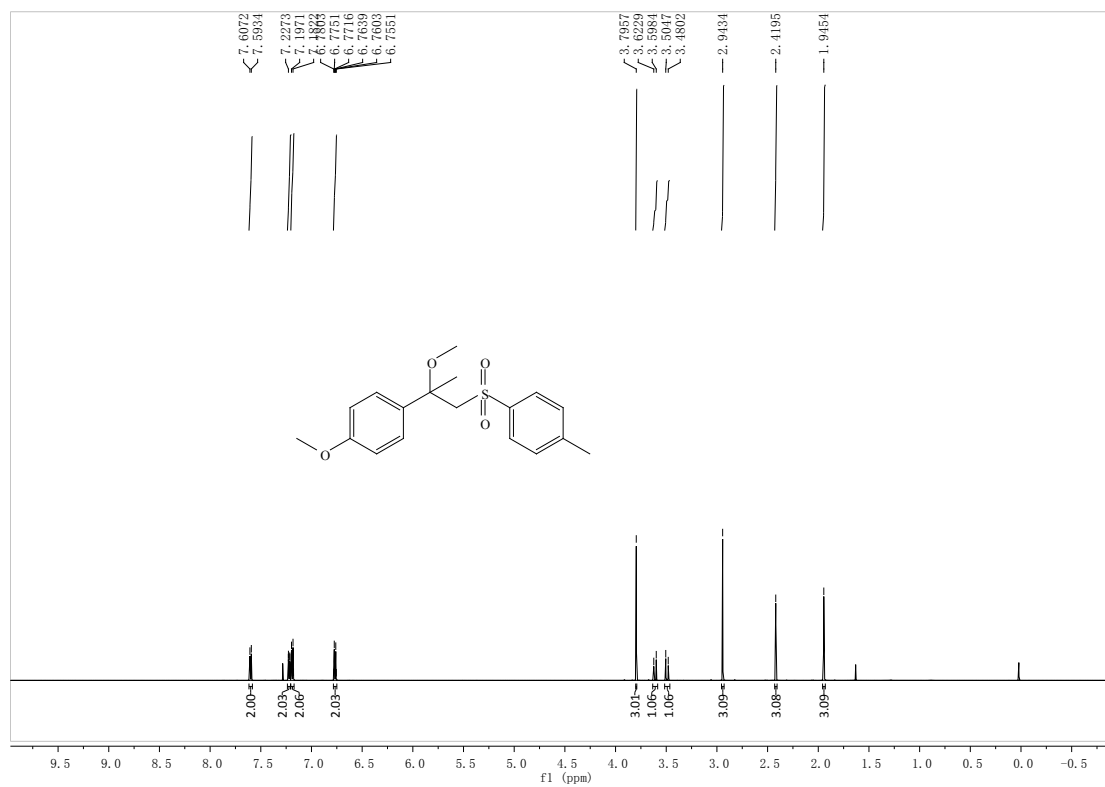


Figure S27. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **4b**:

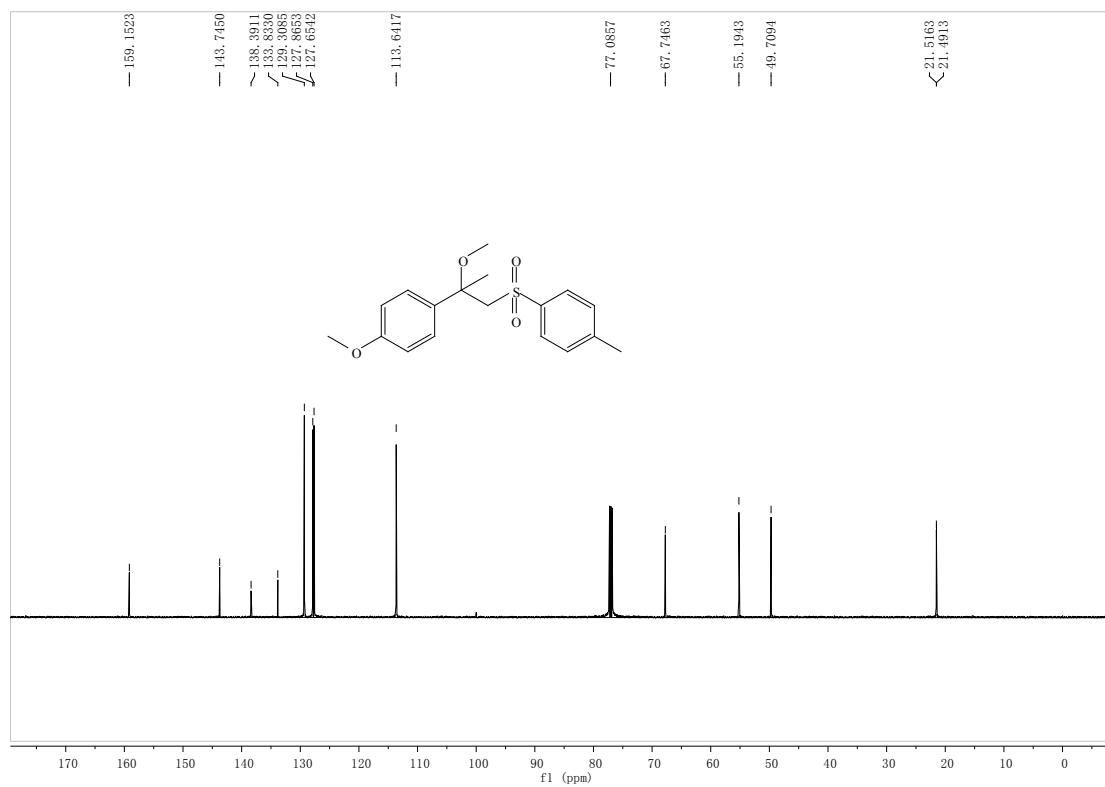


Figure S28. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **4c**:



Figure S29. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **4c**:

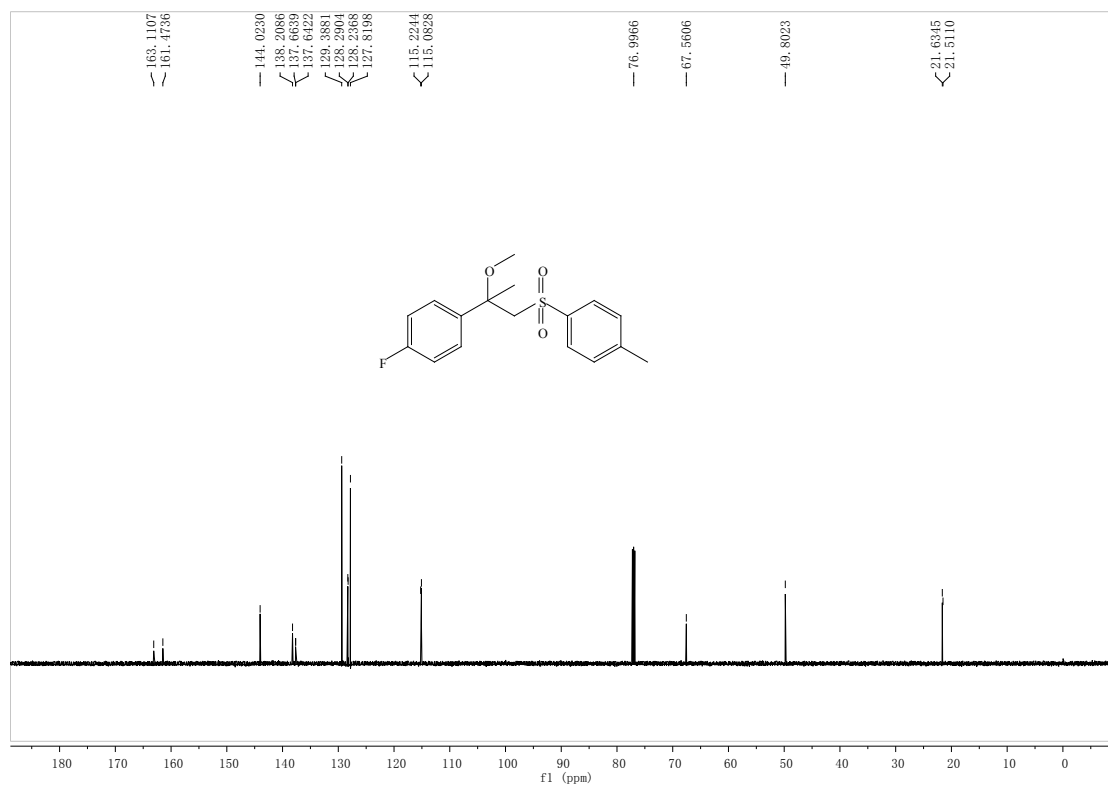


Figure S30. ^{19}F NMR (565 MHz, CDCl_3) of **4c**:

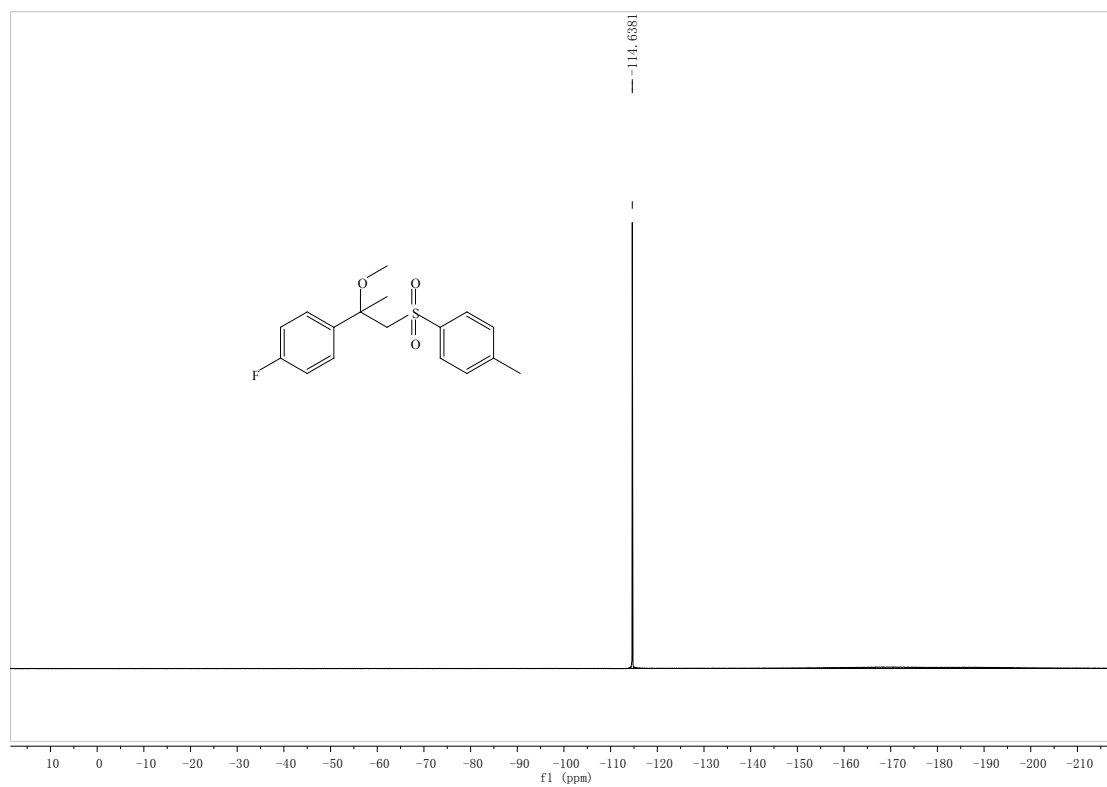


Figure S31. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **4d**:

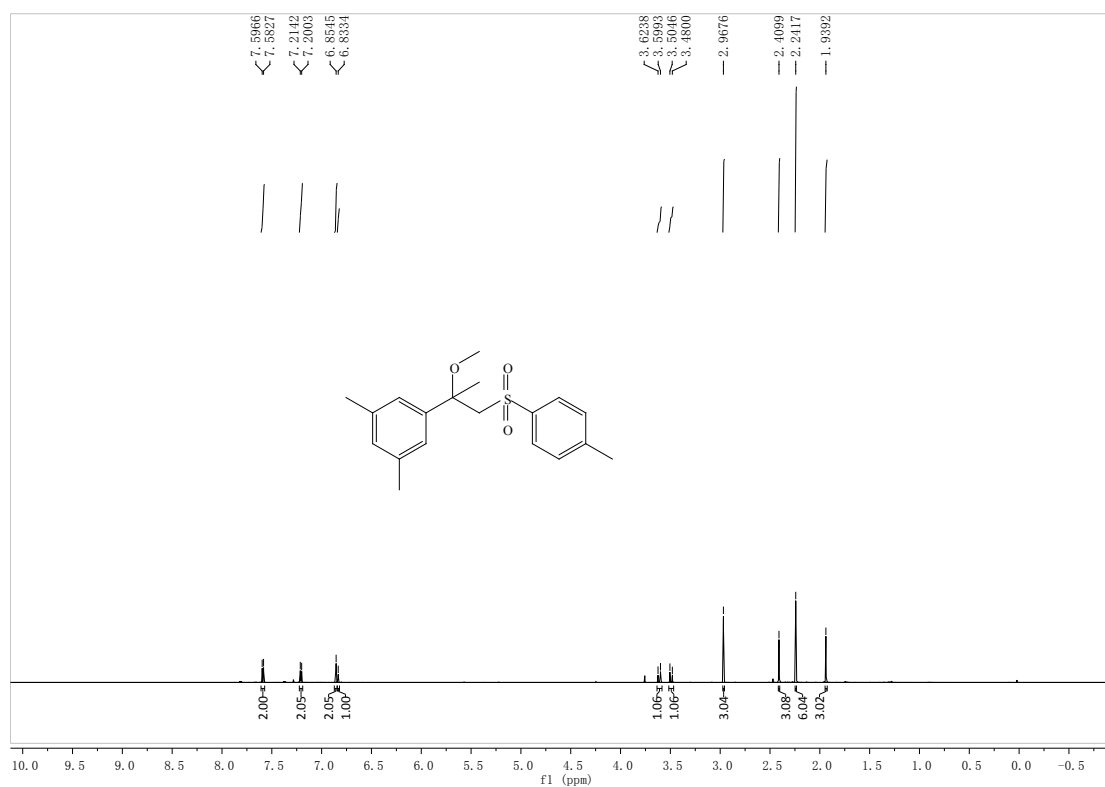


Figure S32. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **4d**:

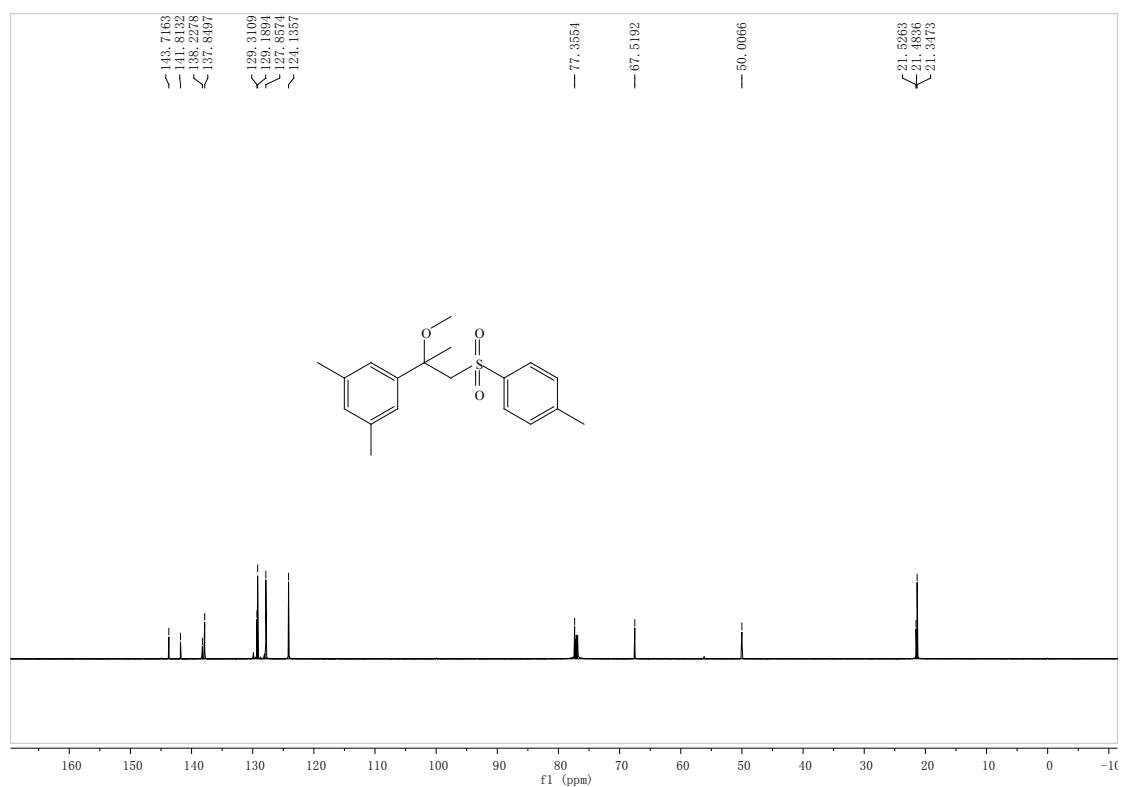


Figure S33. ¹H-NMR (600 MHz, CDCl₃) of 4e:

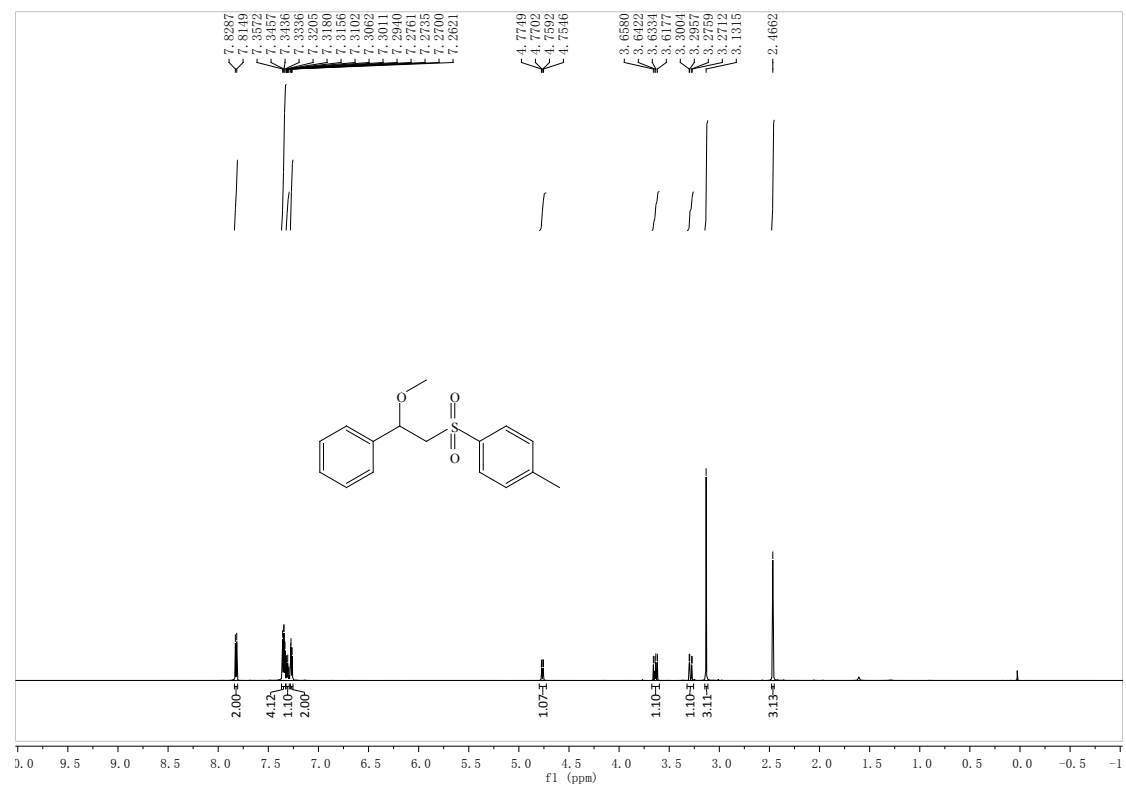


Figure S34. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **4f**:

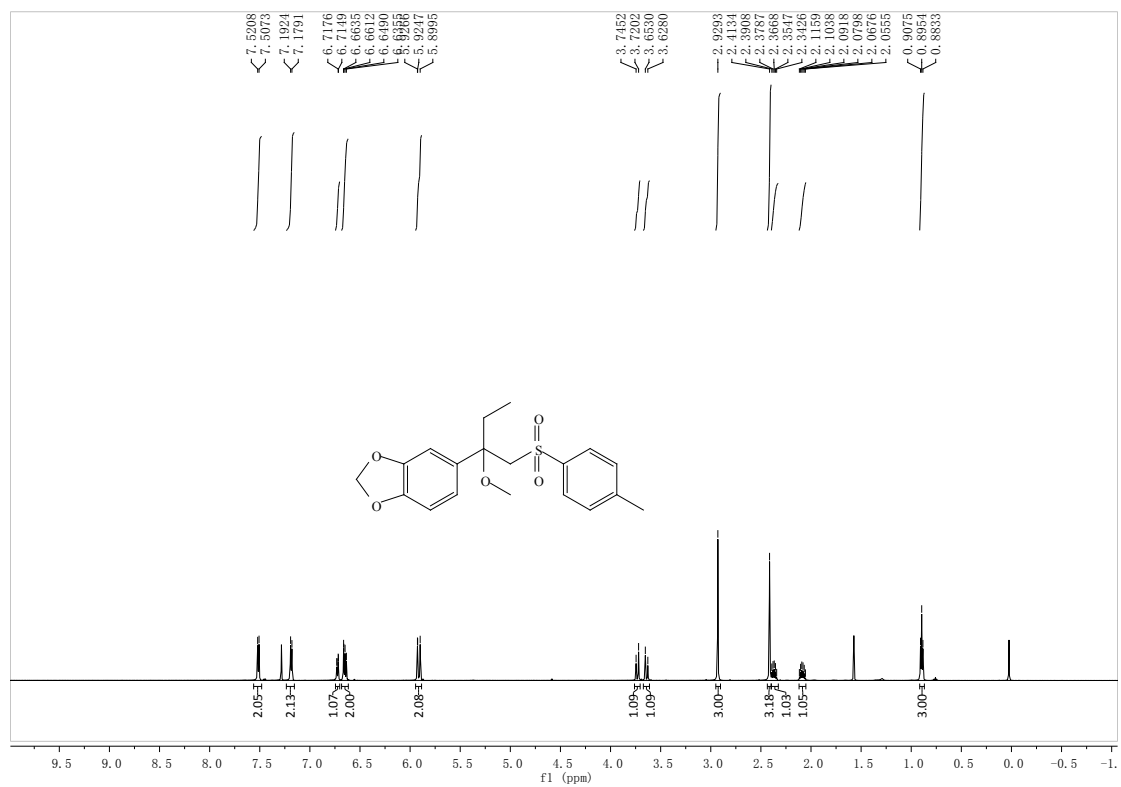


Figure S35. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **4f**:

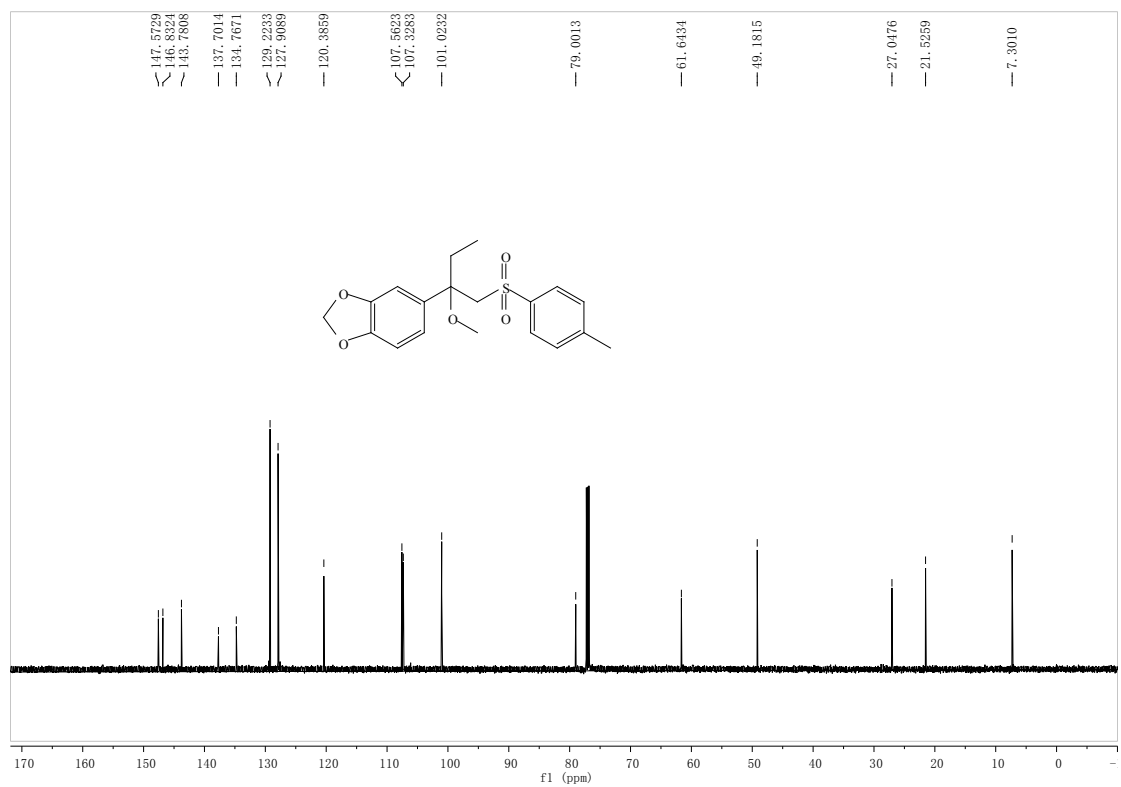


Figure S36. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **4g**:

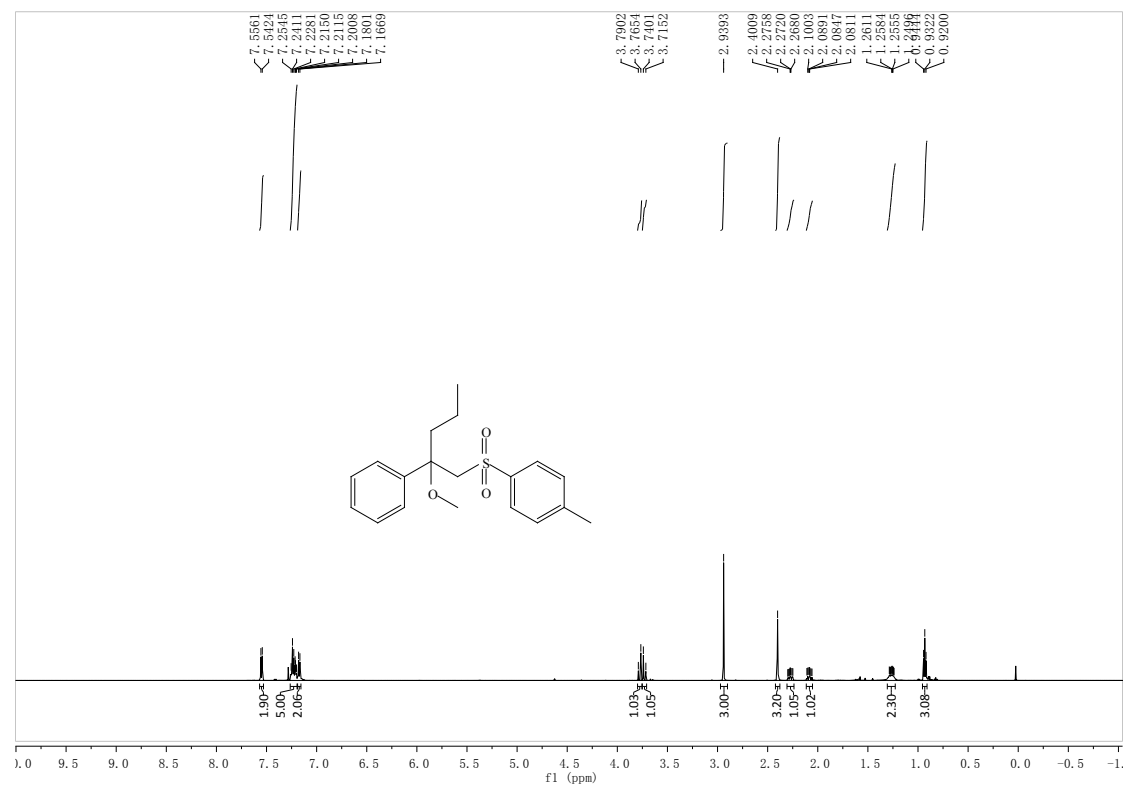


Figure S37. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **4g**:

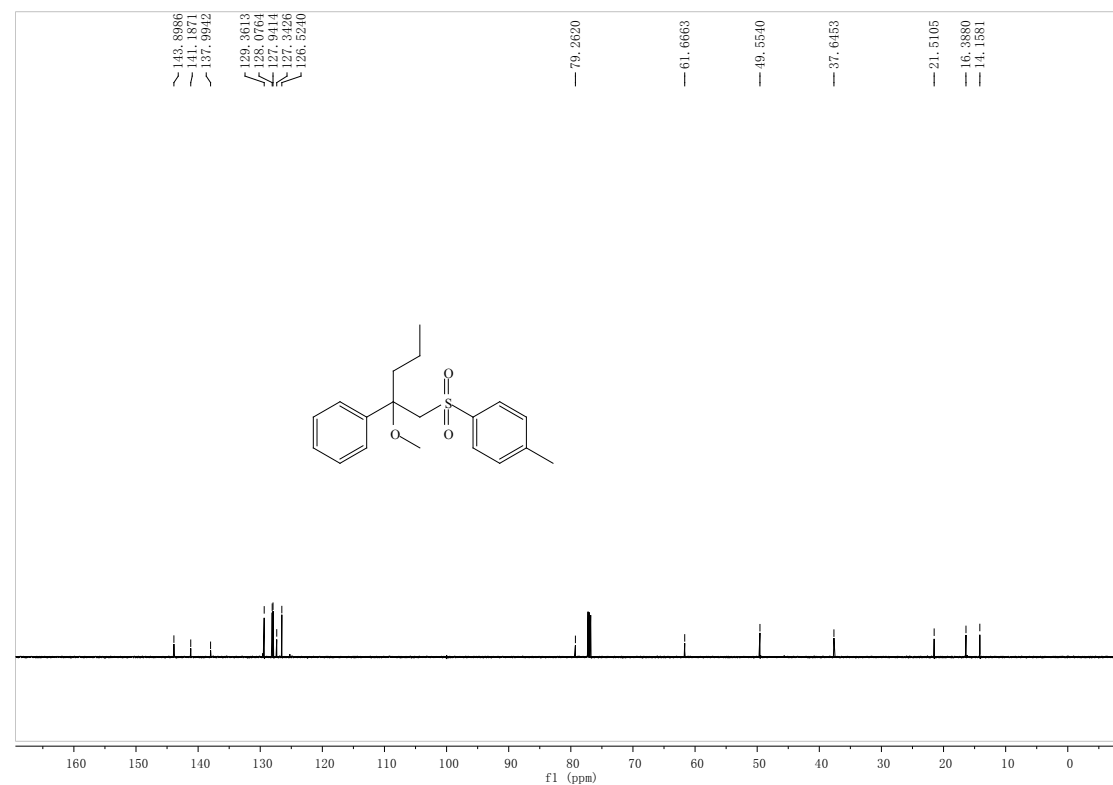


Figure S38. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **4h**:

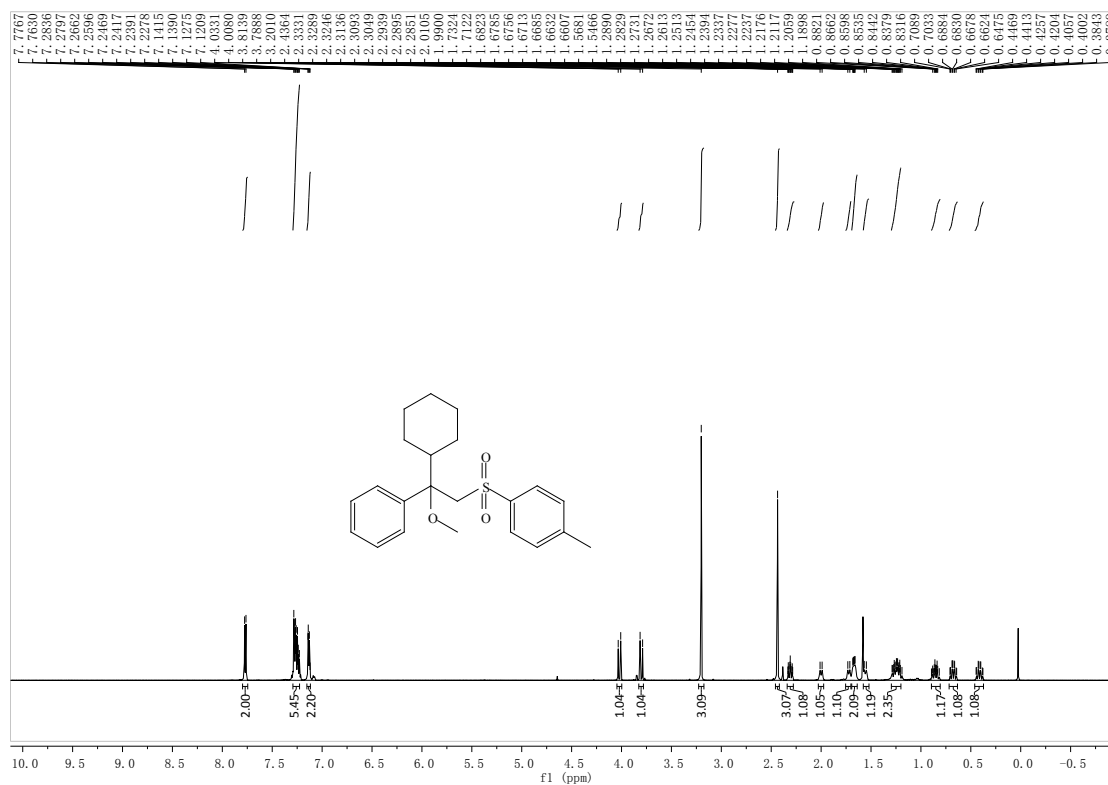


Figure S39. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **4h**:

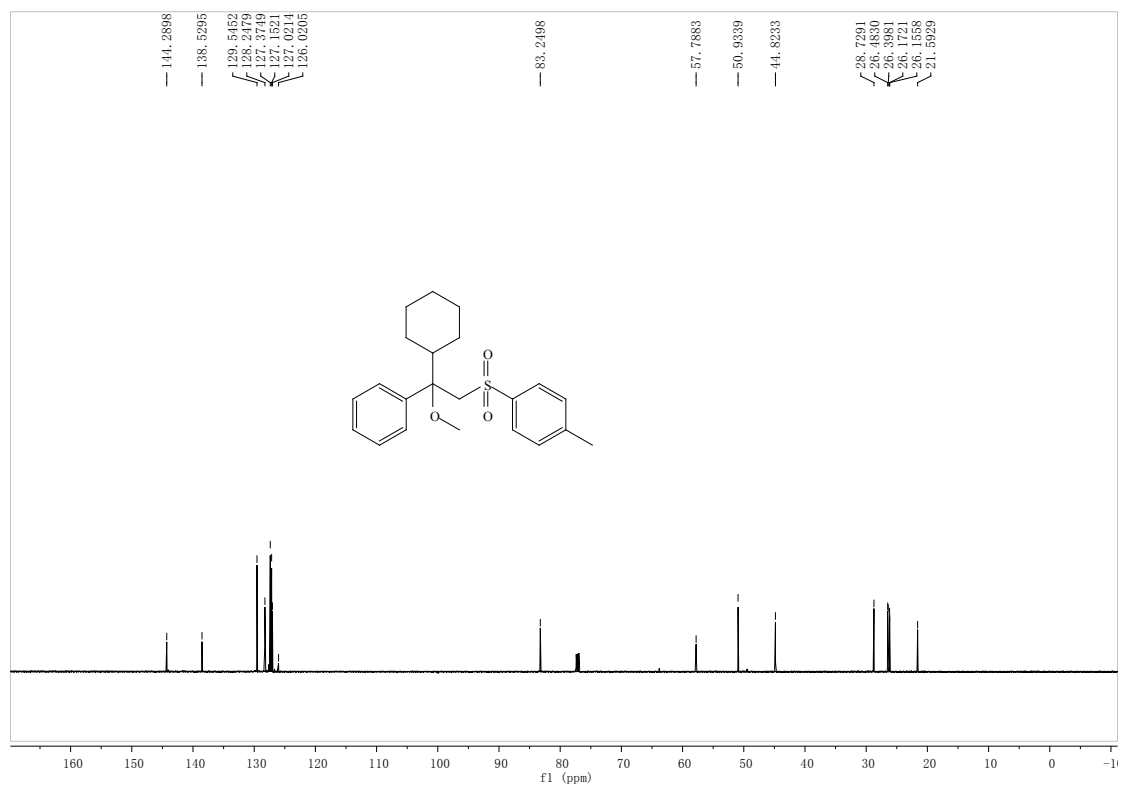


Figure S40. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **5a**:

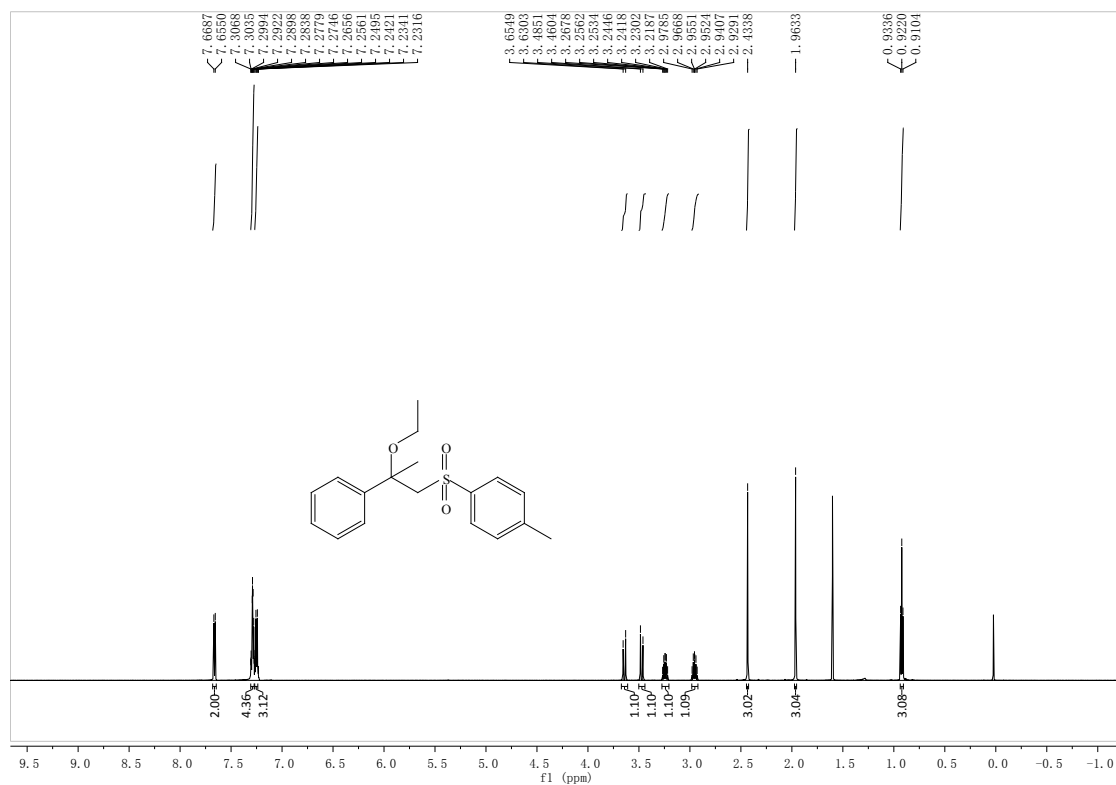


Figure S41. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **5a**:

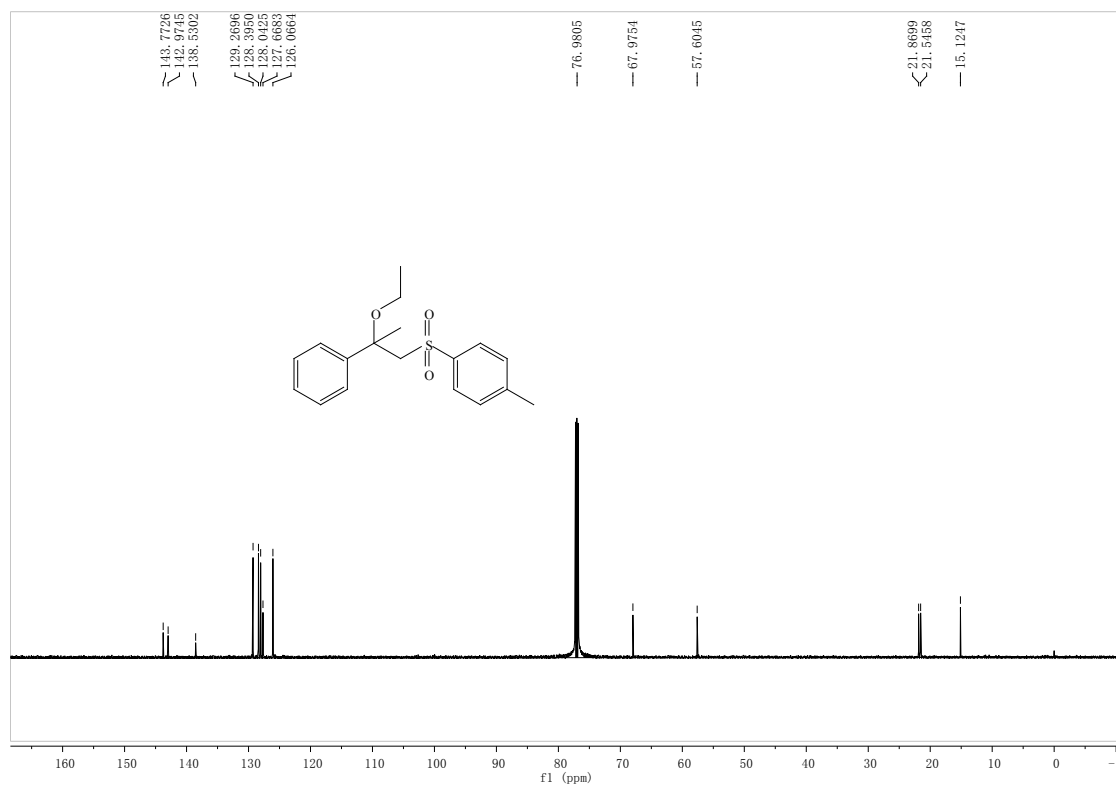


Figure S42. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **5b**:

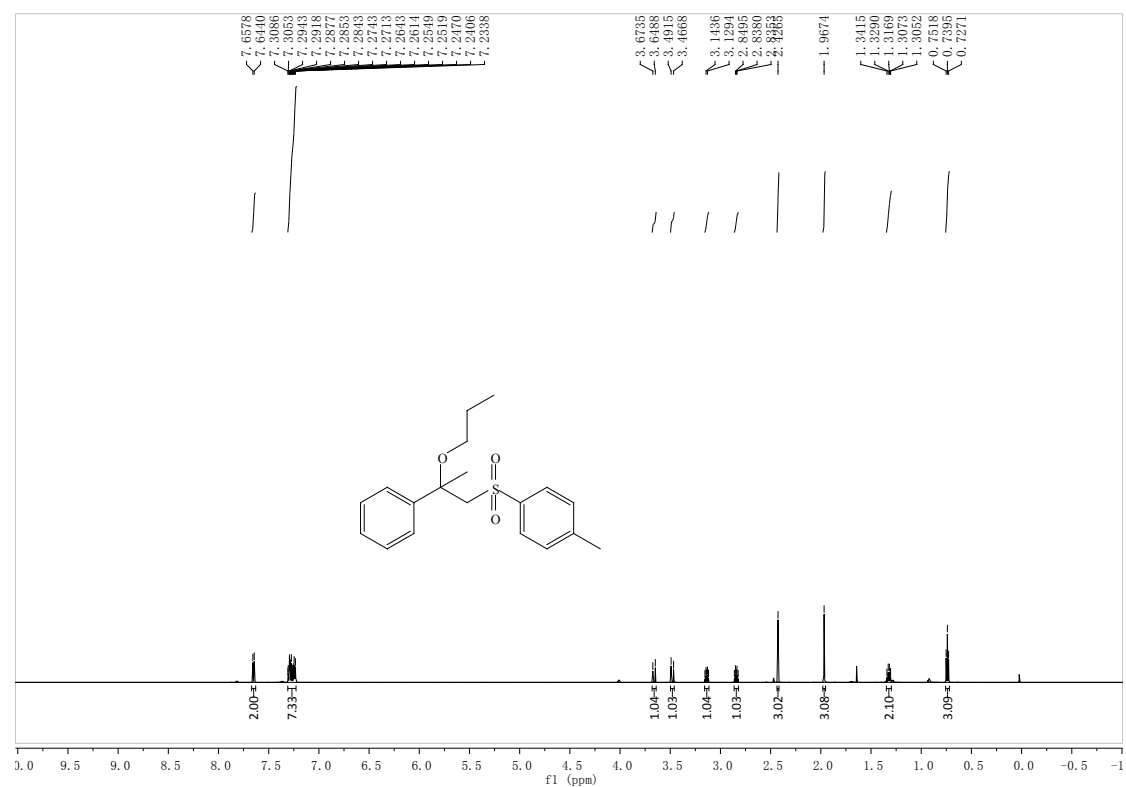


Figure S43. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **5b**:

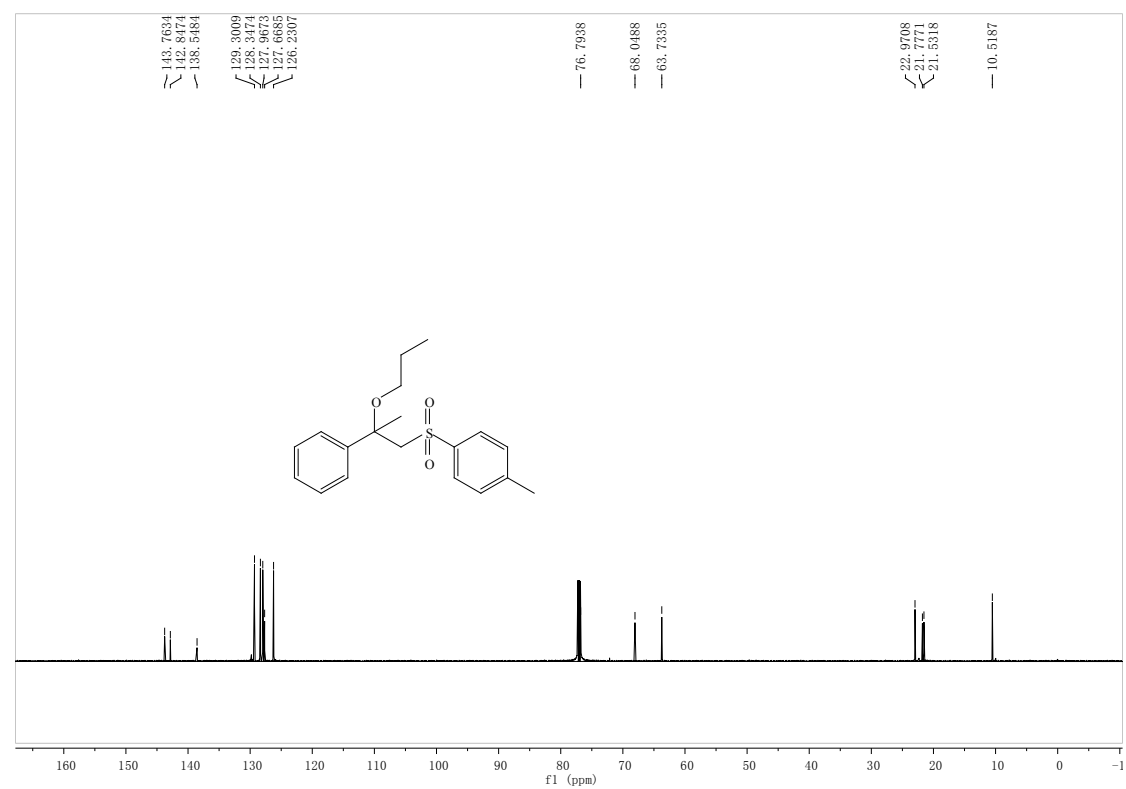


Figure S44. $^1\text{H-NMR}$ (600 MHz, CDCl_3) of **5c**:

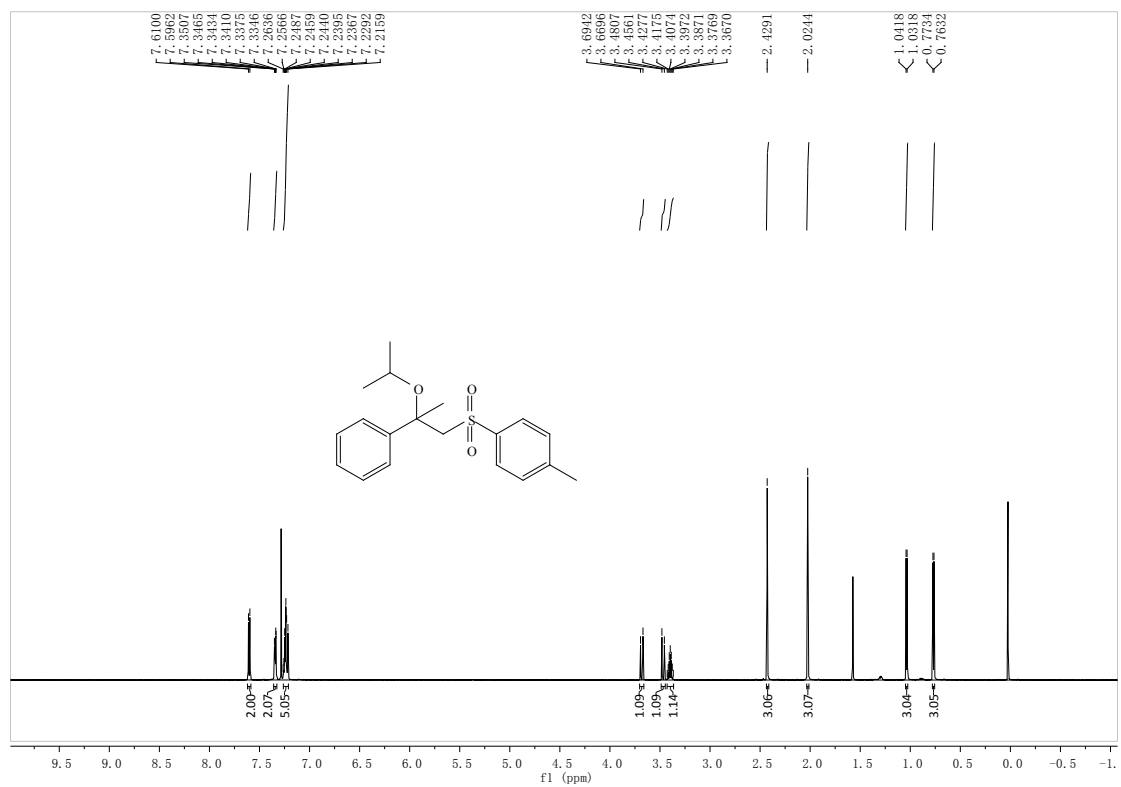


Figure S45. $^{13}\text{C}\{^1\text{H}\}$ NMR (150 MHz, CDCl_3) of **5c**:

