

Supplementary Materials

^1H and ^{13}C -NMR spectra of the compounds **2**, **3**, **4** and **5a-i**.

Figure S1. ^1H -NMR of **2** in D_2O and CD_3OD .

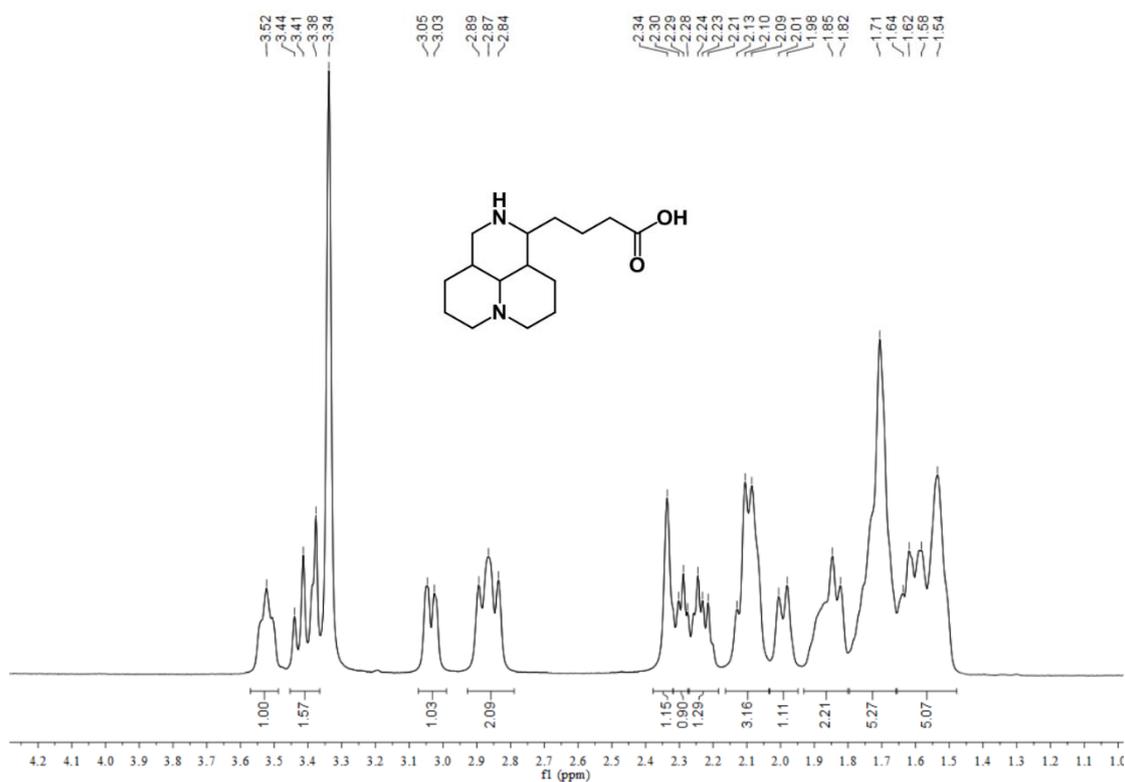


Figure S2. ^{13}C -NMR of **2** in D_2O and CD_3OD .

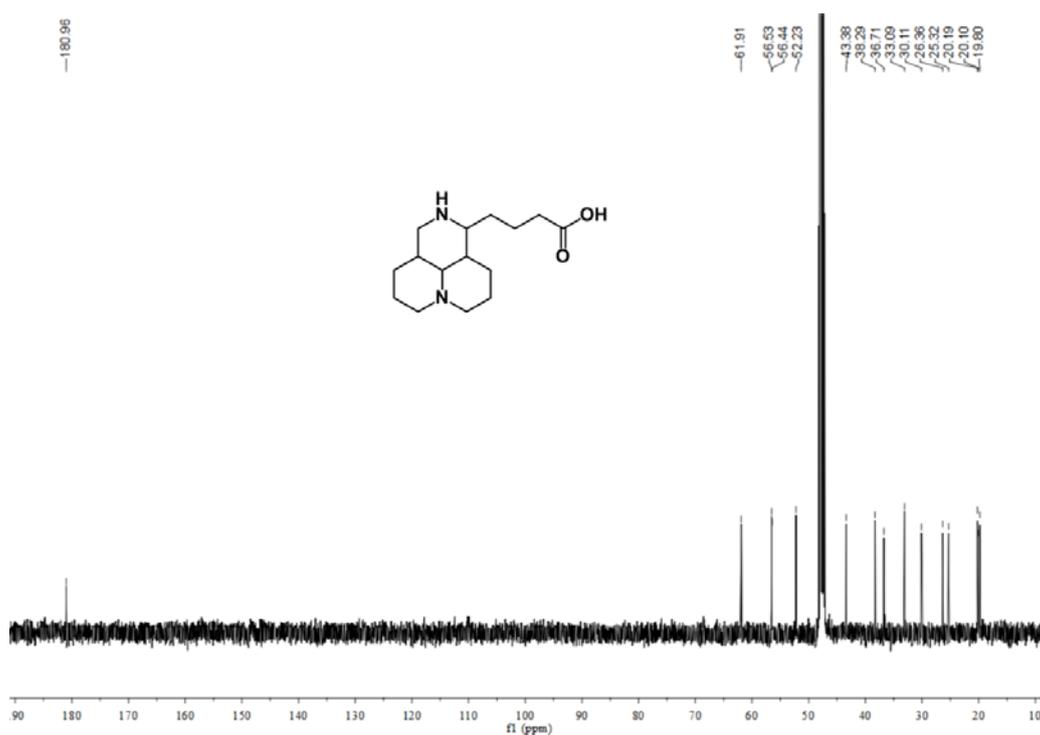


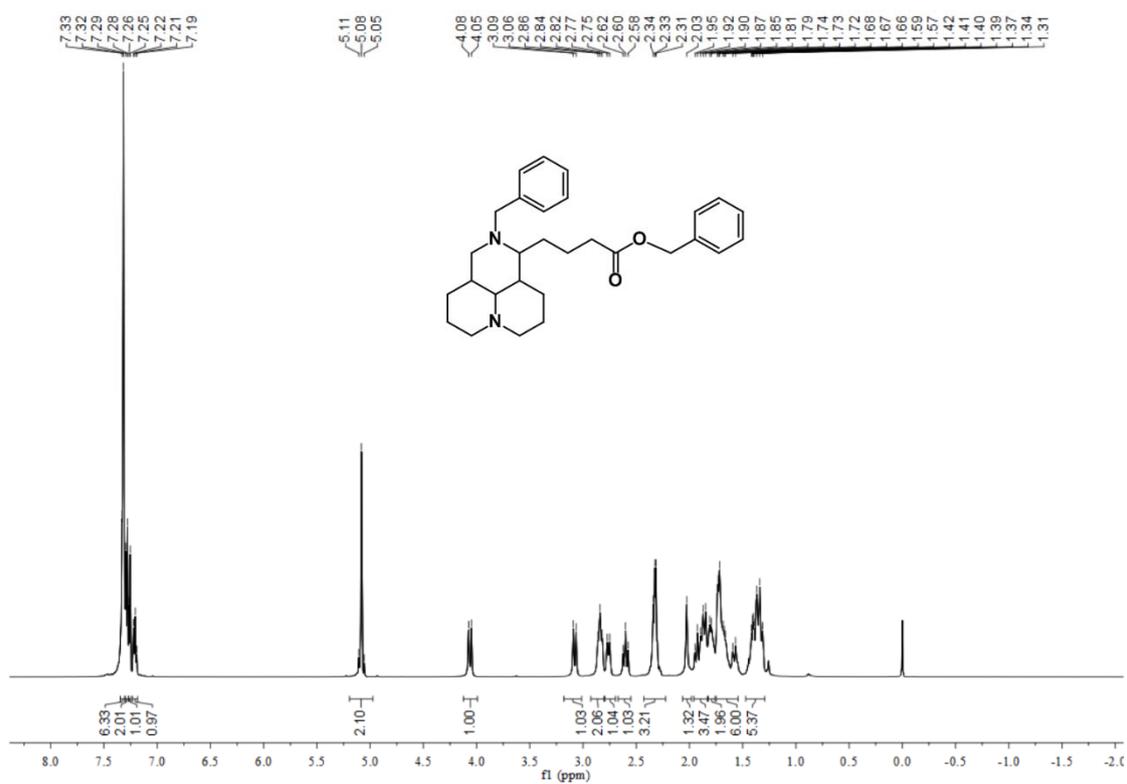
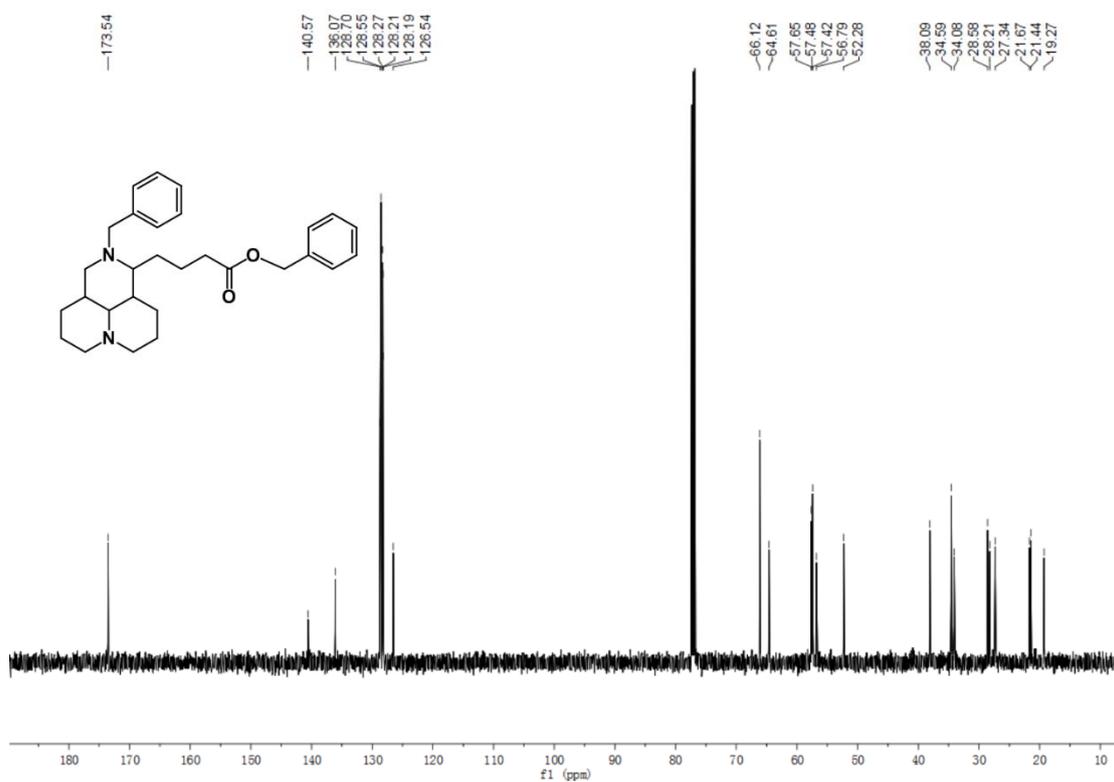
Figure S3. $^1\text{H-NMR}$ of **3** in CD_3Cl .Figure S4. $^{13}\text{C-NMR}$ of **3** in CD_3Cl .

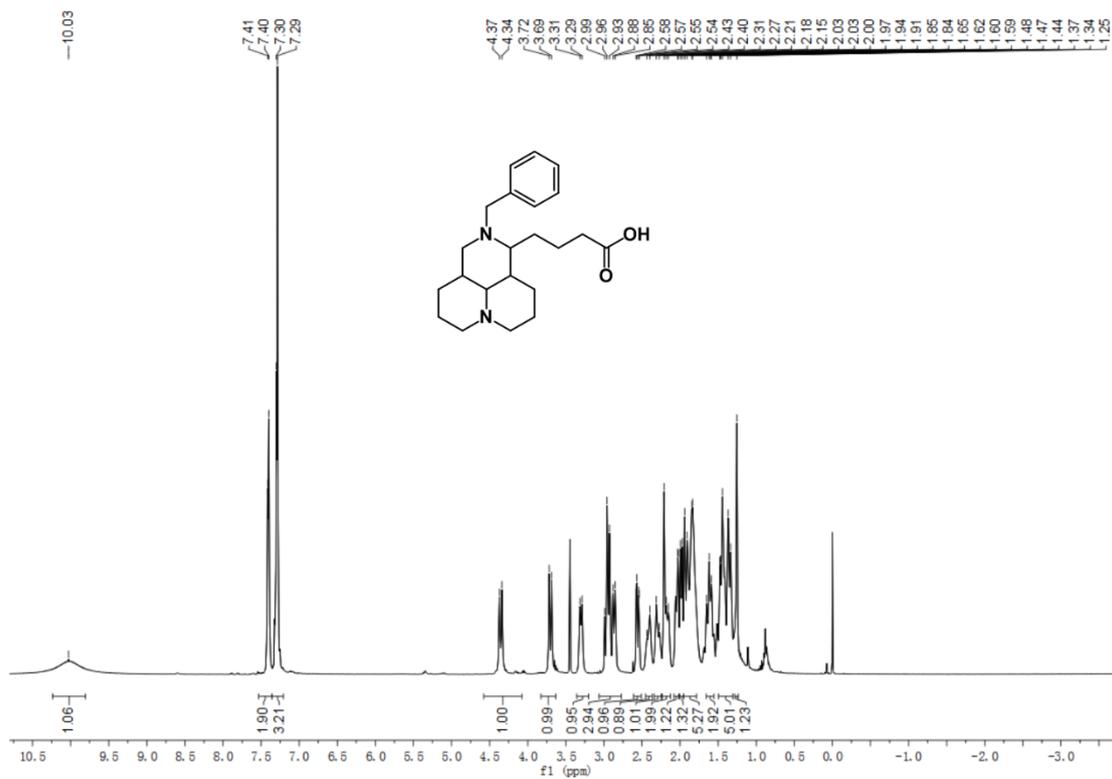
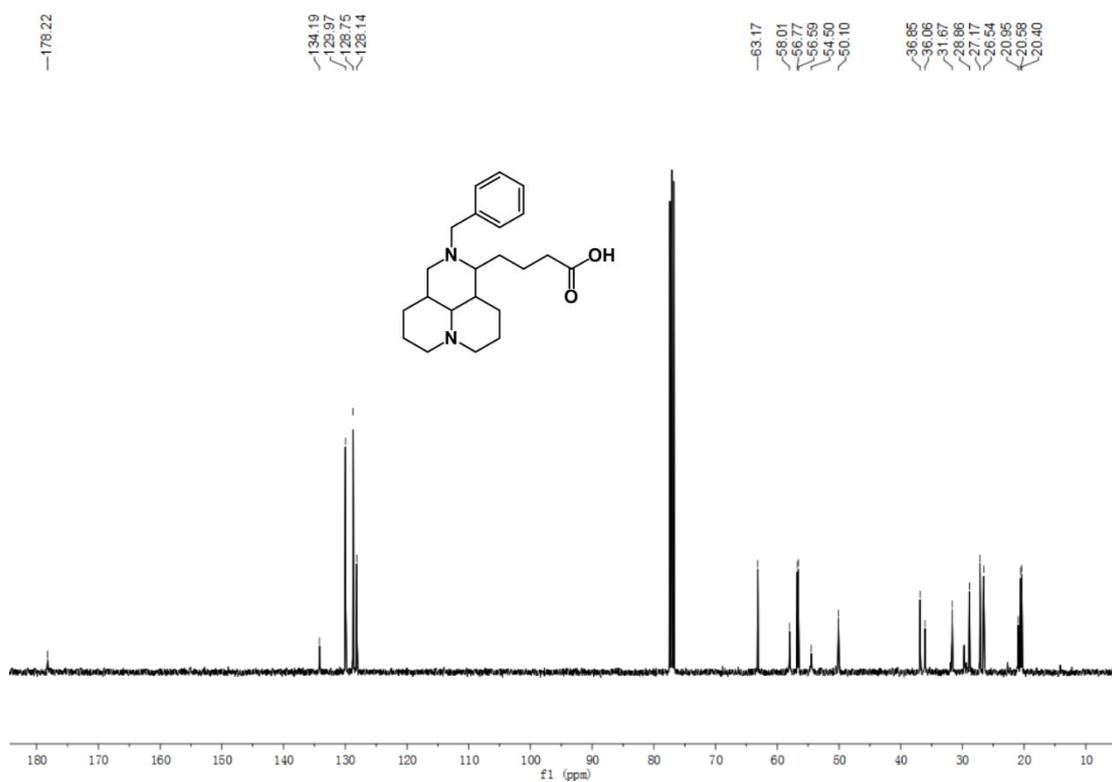
Figure S5. $^1\text{H-NMR}$ of **4** in CDCl_3 .Figure S6. $^{13}\text{C-NMR}$ of **5a** in CDCl_3 .

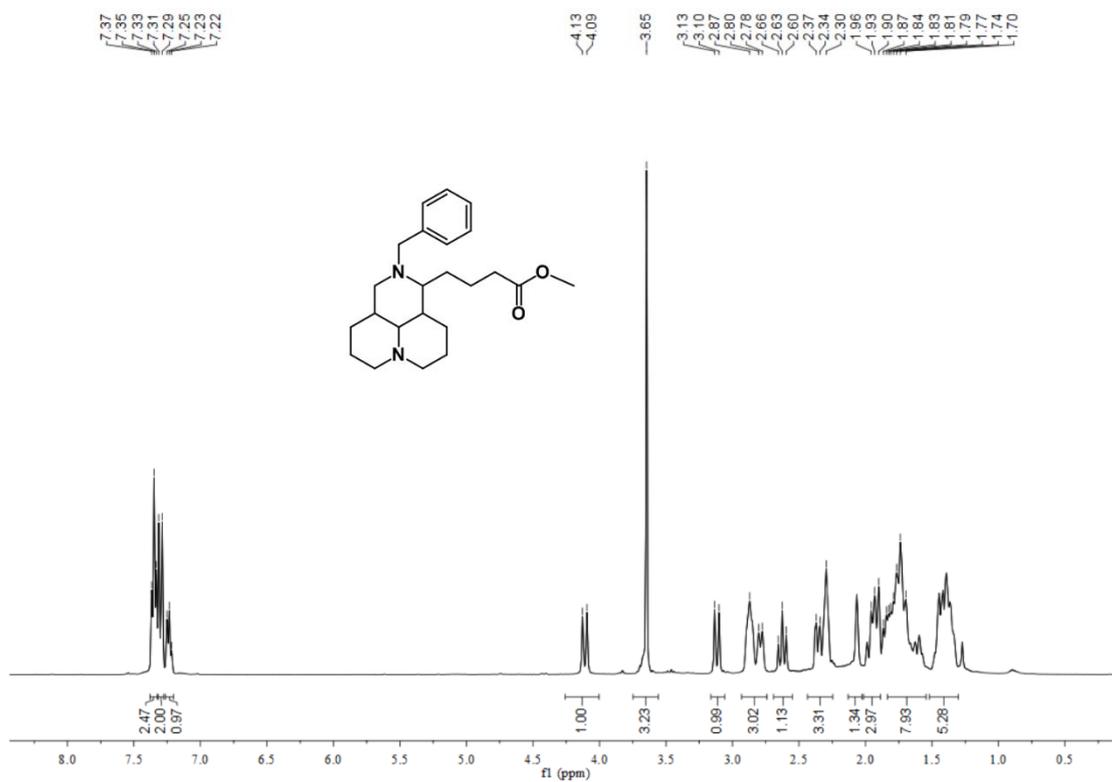
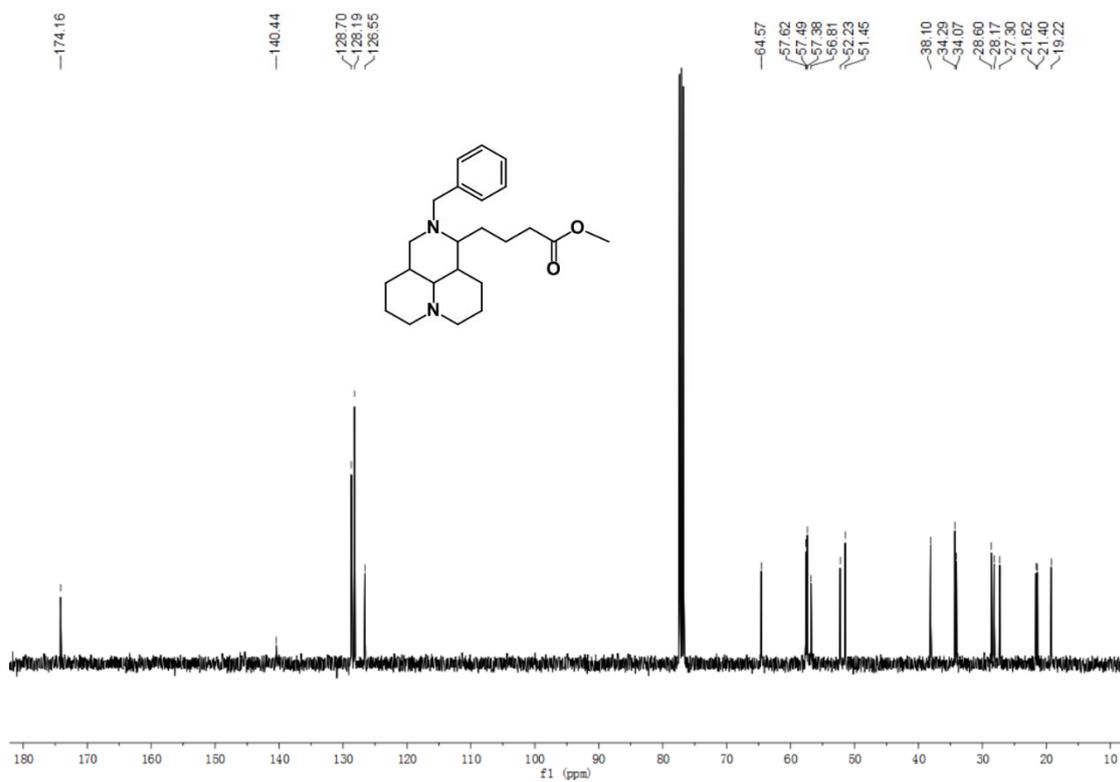
Figure S7. $^1\text{H-NMR}$ of **5a** in CDCl_3 .Figure S8. $^{13}\text{C-NMR}$ of **5a** in CDCl_3 .

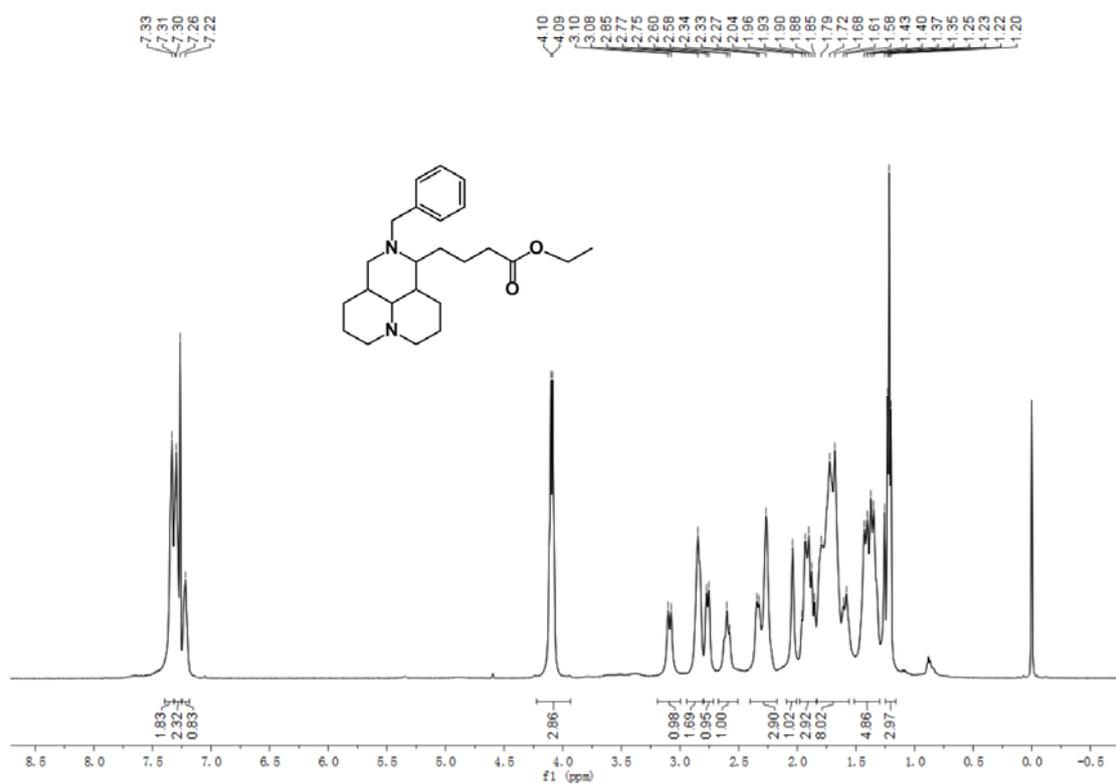
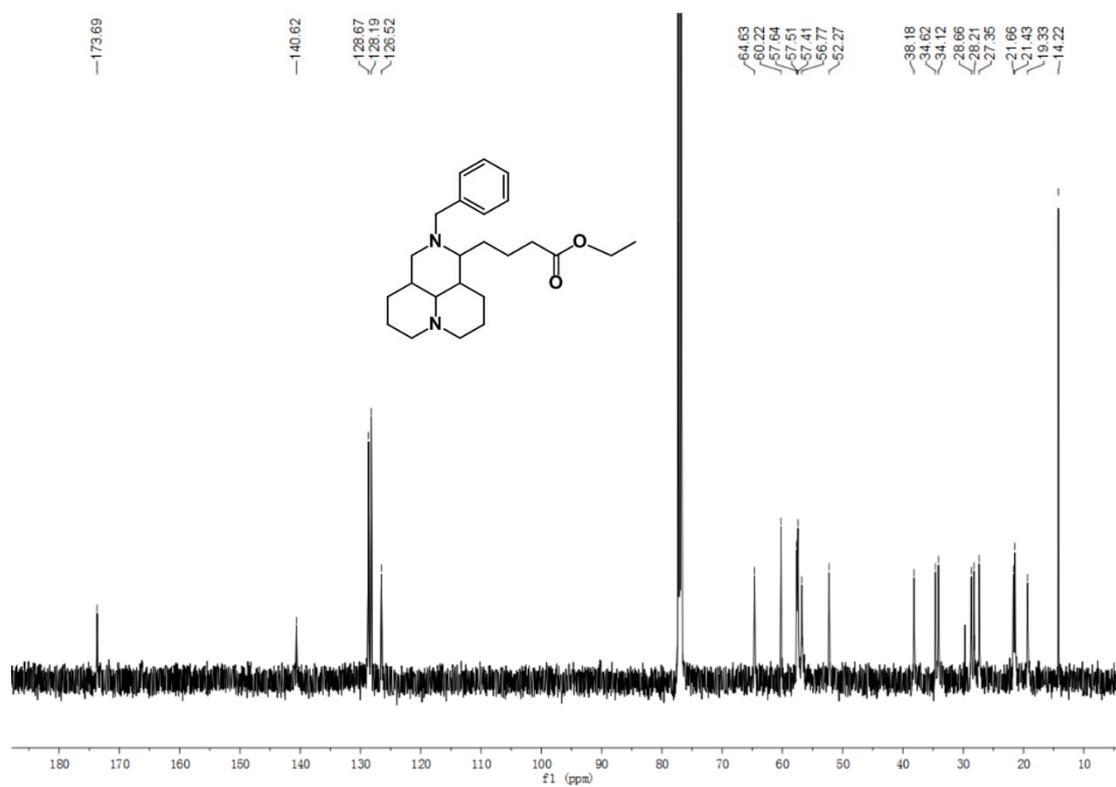
Figure S9. $^1\text{H-NMR}$ of **5b** in CDCl_3 .Figure S10. $^{13}\text{C-NMR}$ of **5b** in CDCl_3 .

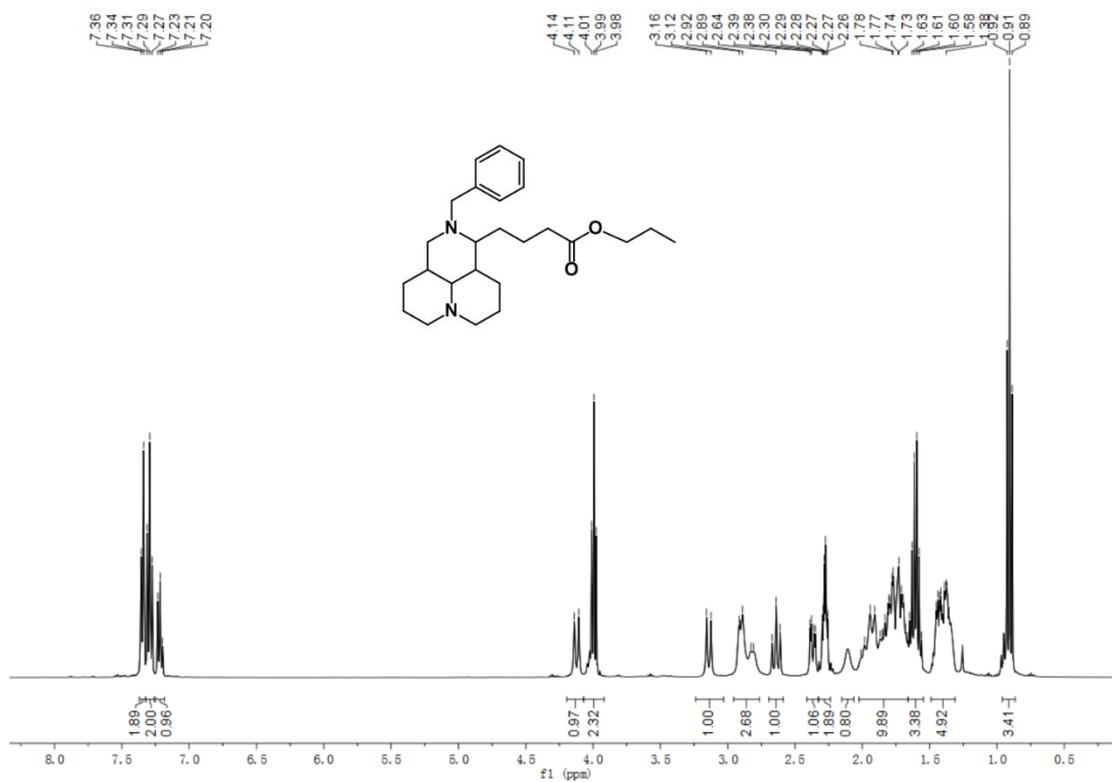
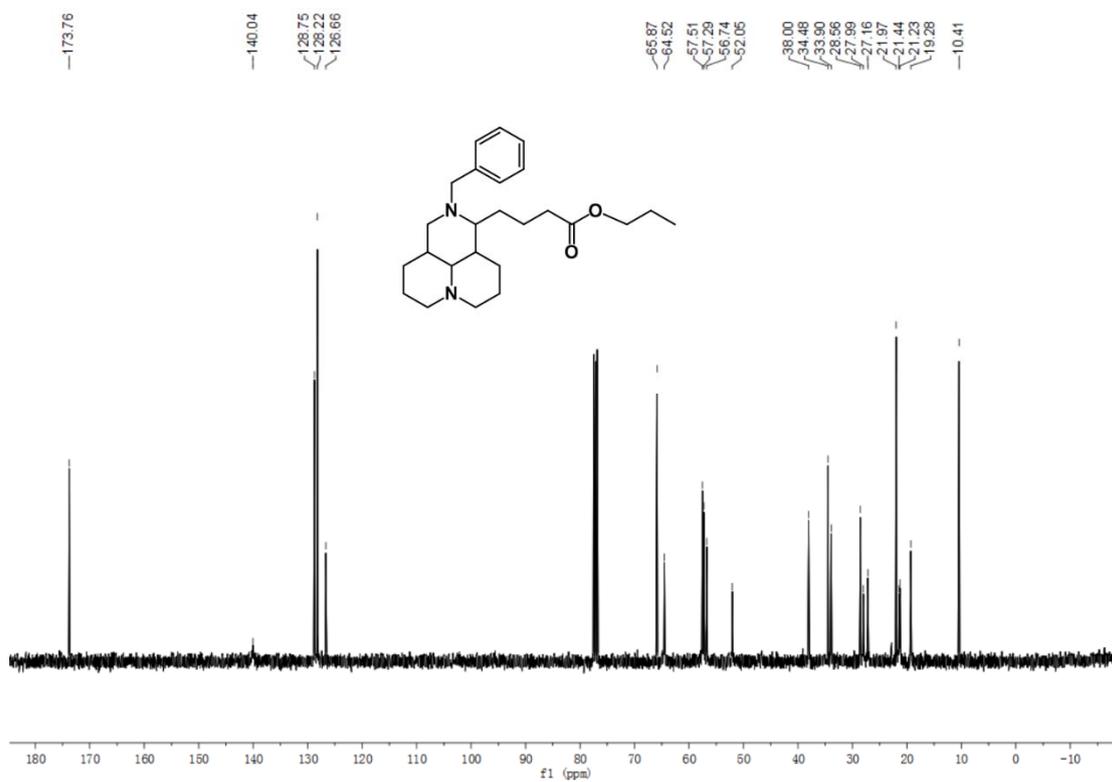
Figure S11. $^1\text{H-NMR}$ of **5c** in CDCl_3 .Figure S12. $^{13}\text{C-NMR}$ of **5c** in CDCl_3 .

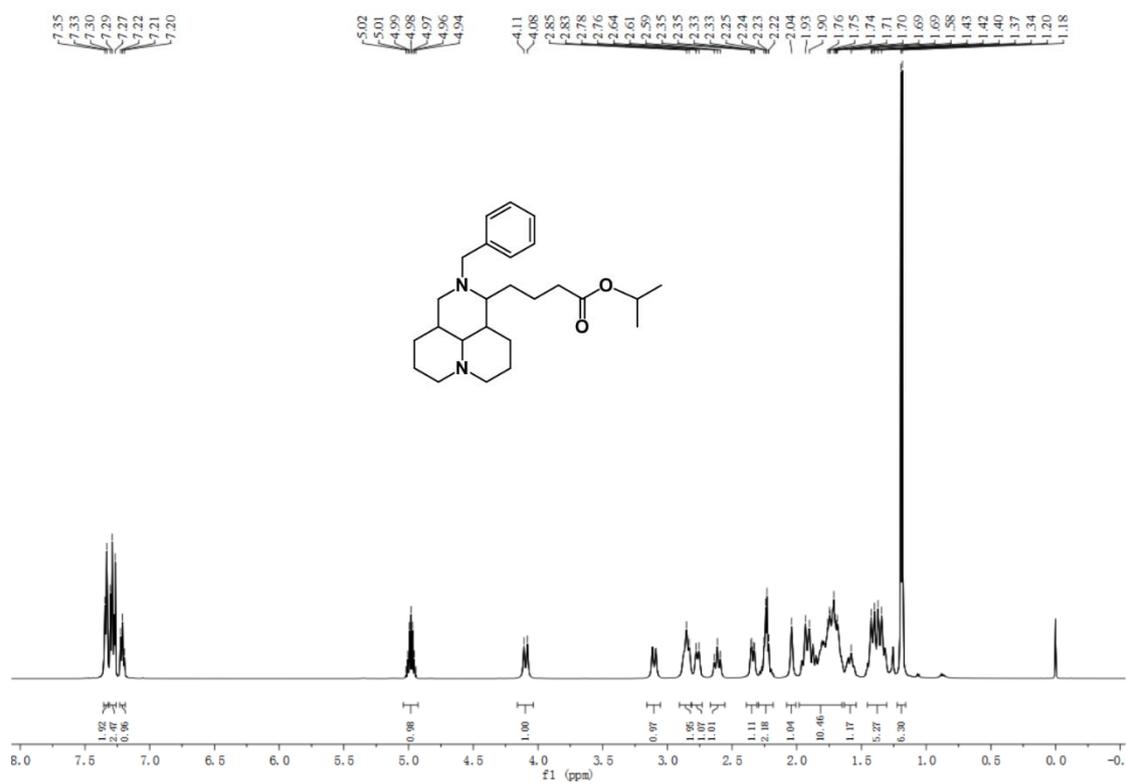
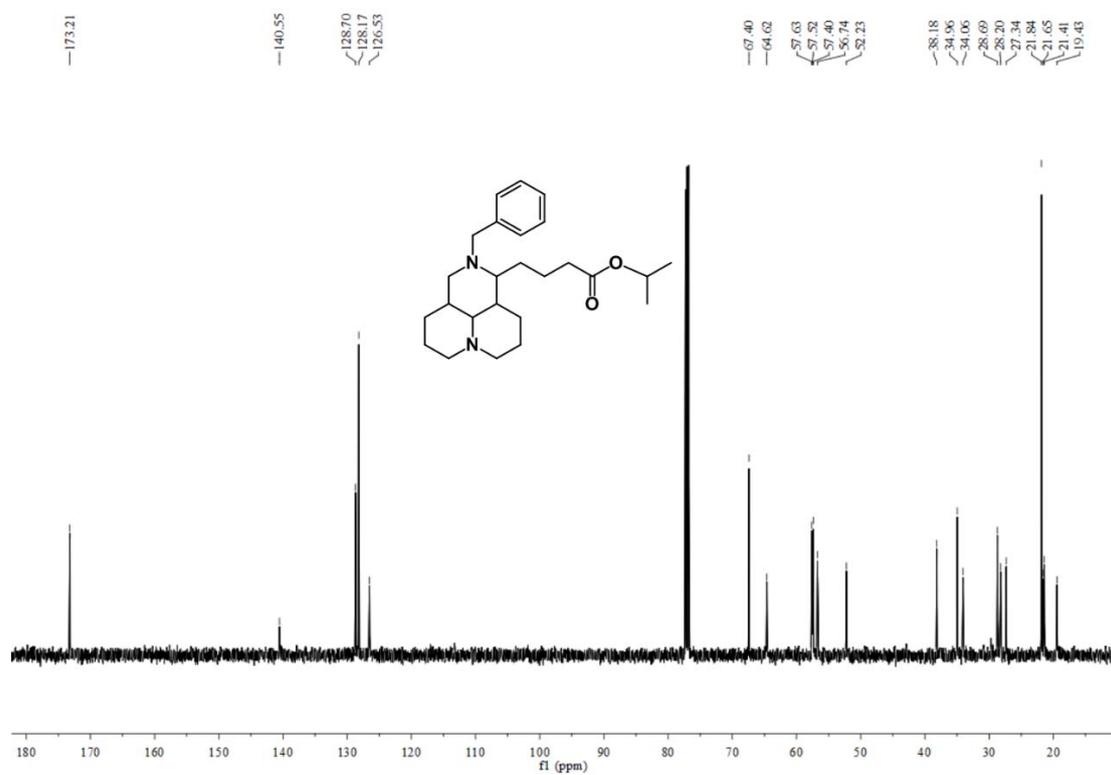
Figure S13. $^1\text{H-NMR}$ of **5d** in CDCl_3 .Figure S14. $^{13}\text{C-NMR}$ of **5d** in CDCl_3 .

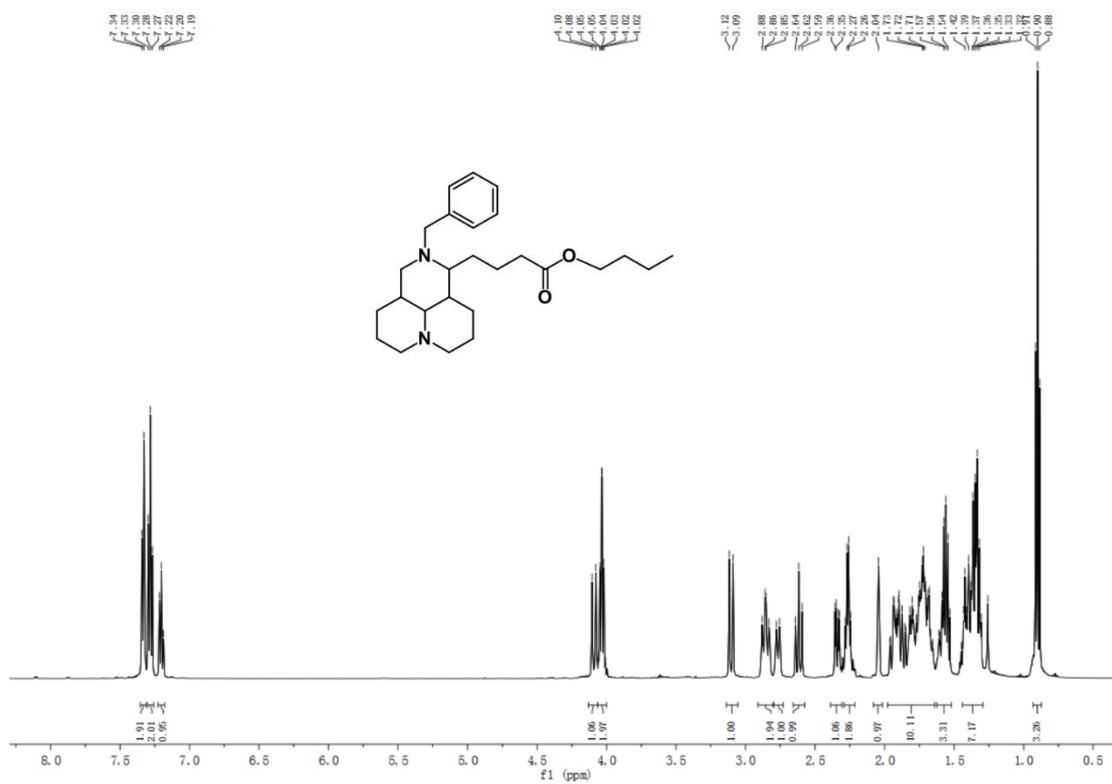
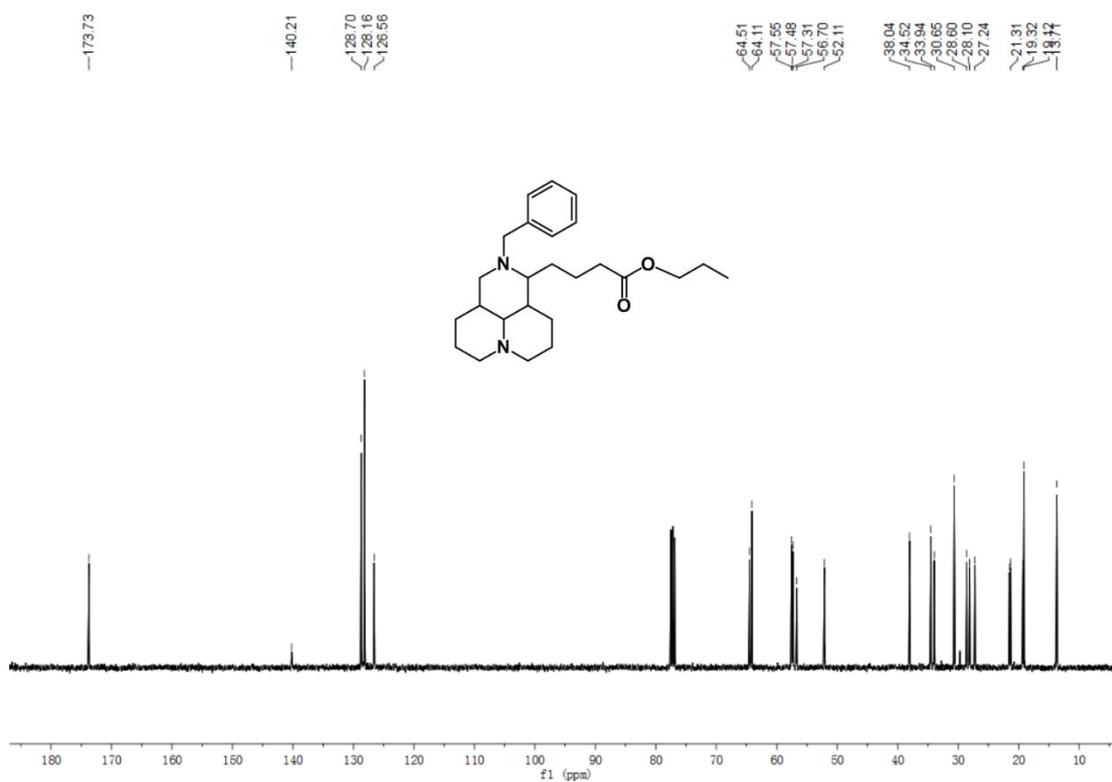
Figure S15. $^1\text{H-NMR}$ of **5e** in CDCl_3 .Figure S16. $^{13}\text{C-NMR}$ of **5e** in CDCl_3 .

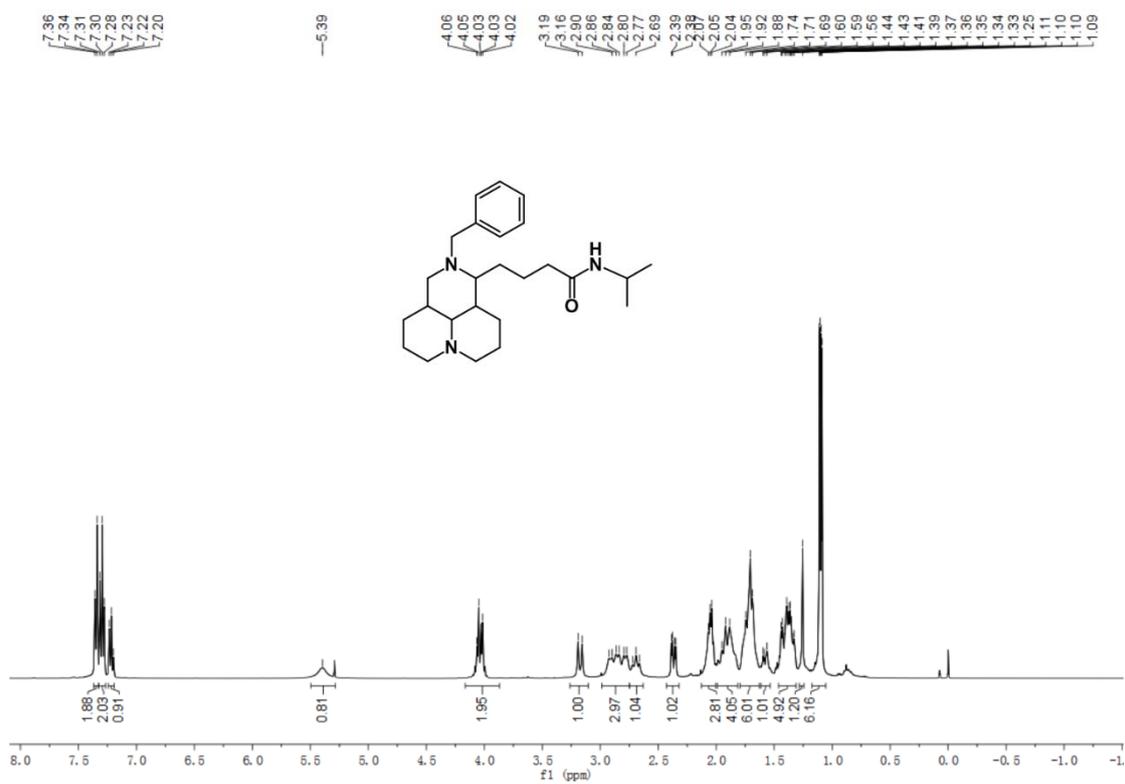
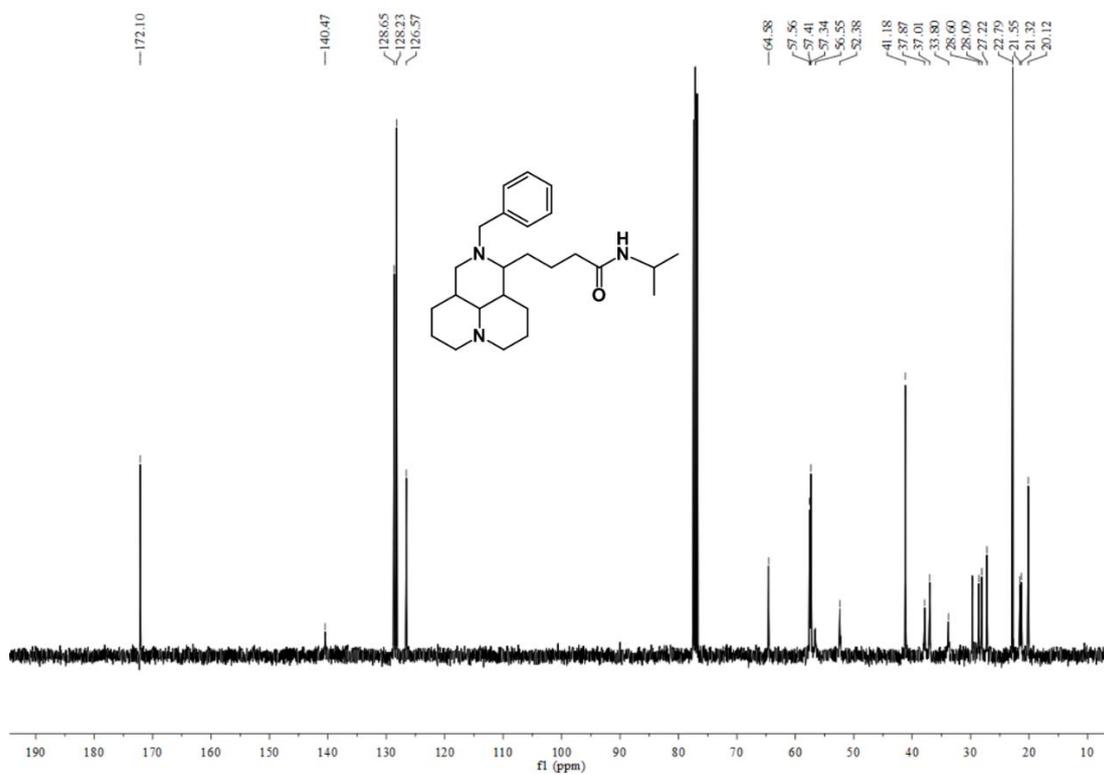
Figure S17. $^1\text{H-NMR}$ of **5f** in CDCl_3 .Figure S18. $^{13}\text{C-NMR}$ of **5f** in CDCl_3 .

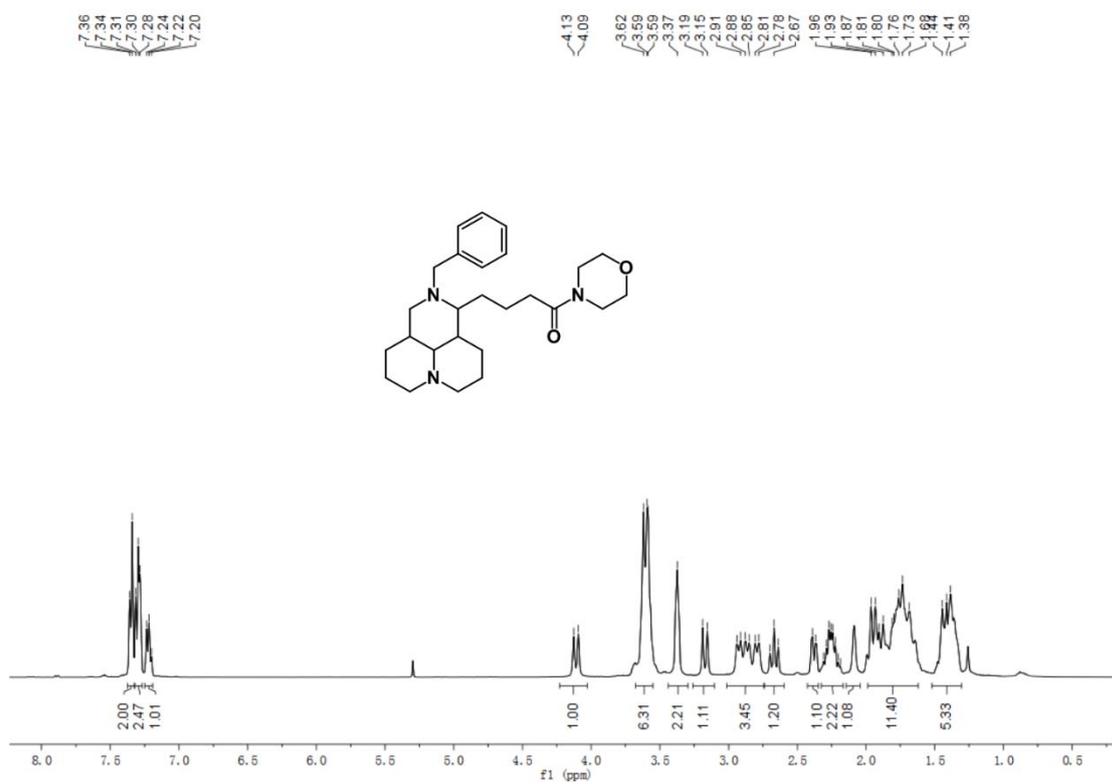
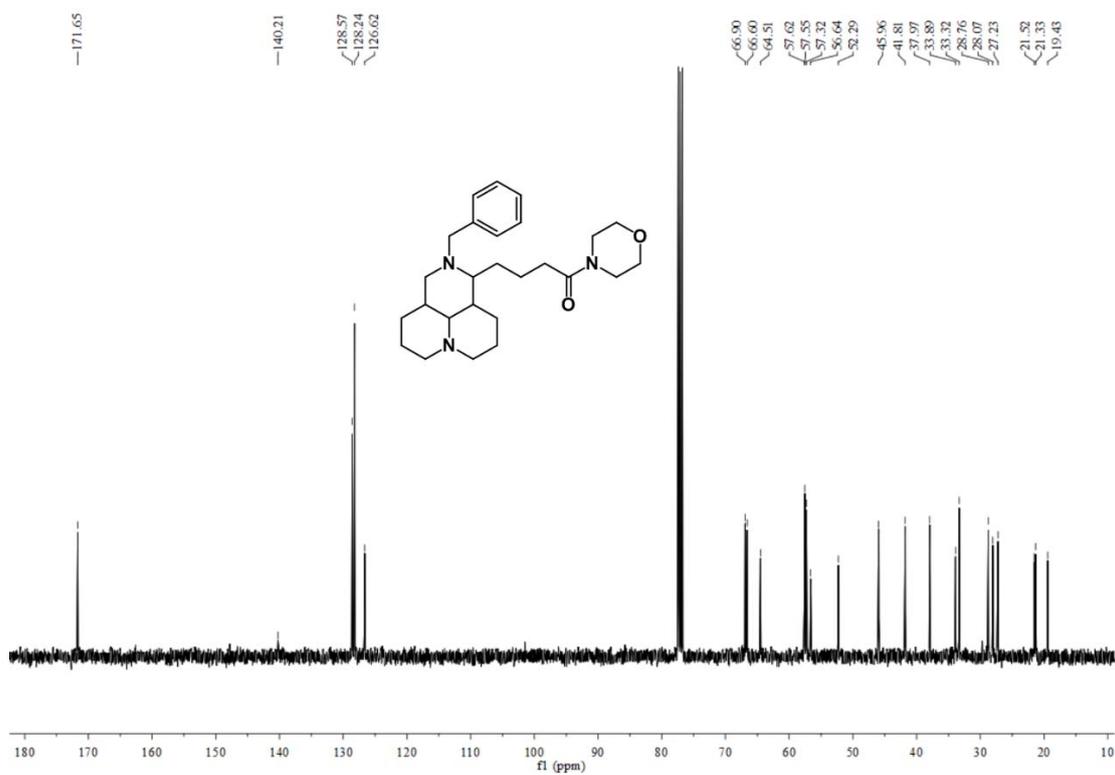
Figure S19. $^1\text{H-NMR}$ of **5g** in CDCl_3 .Figure S20. $^{13}\text{C-NMR}$ of **5g** in CDCl_3 .

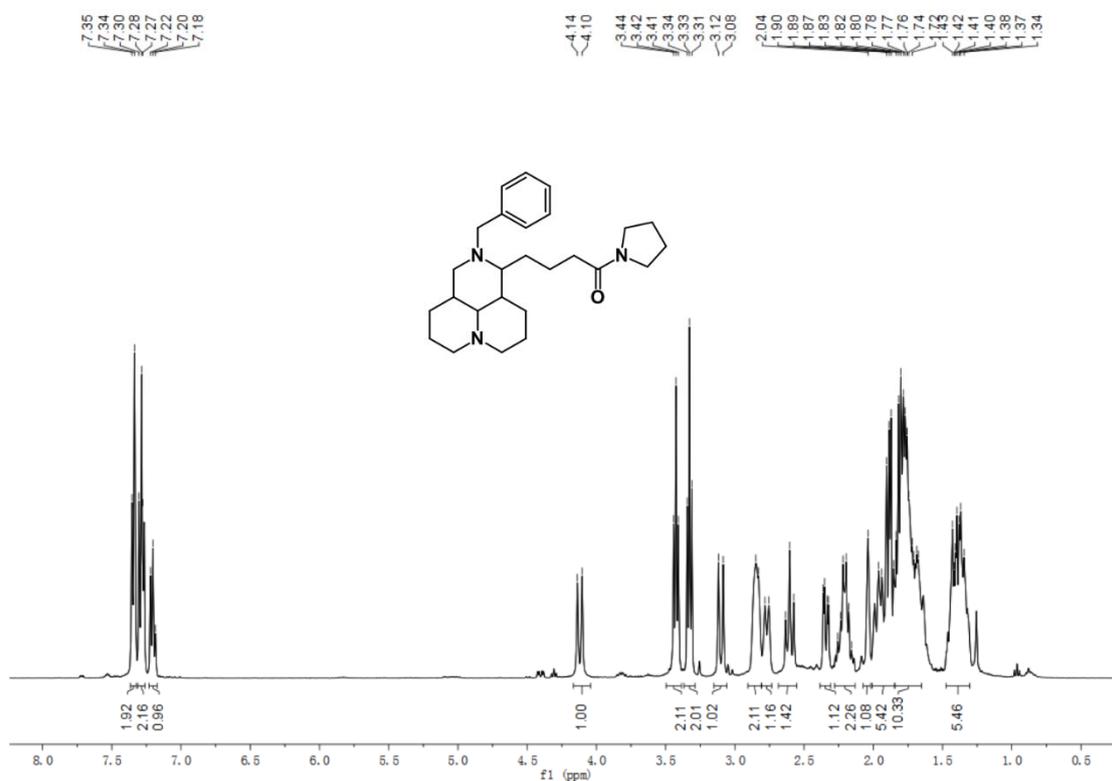
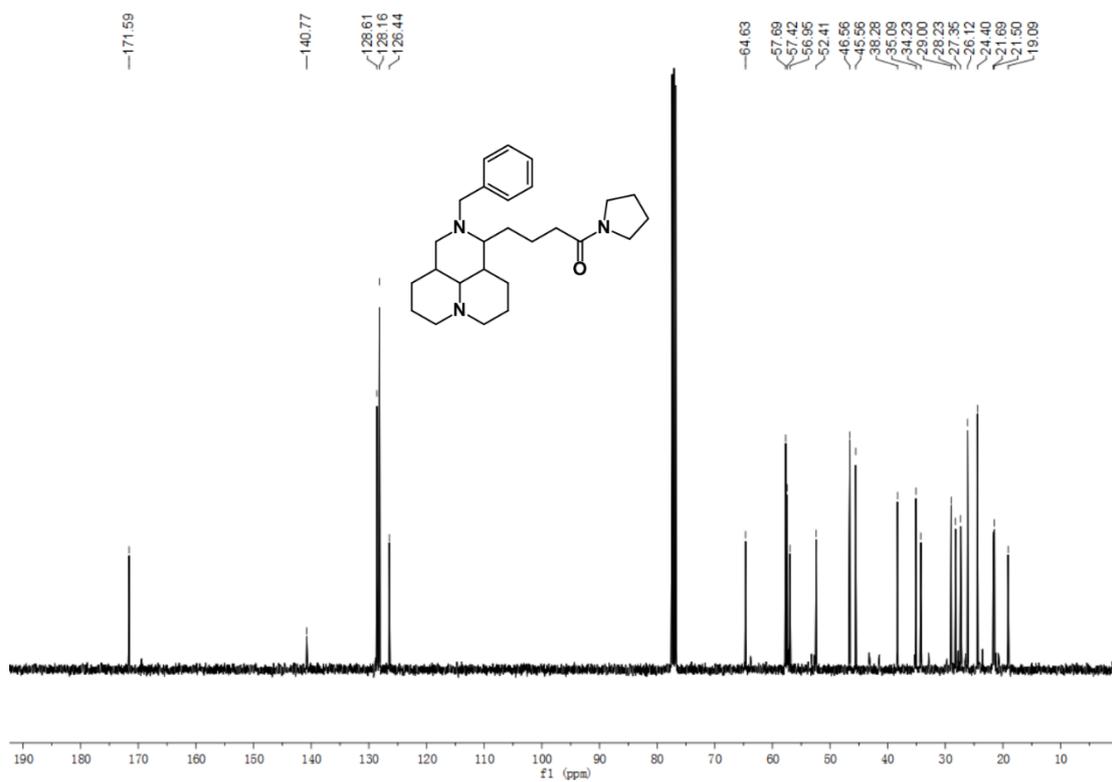
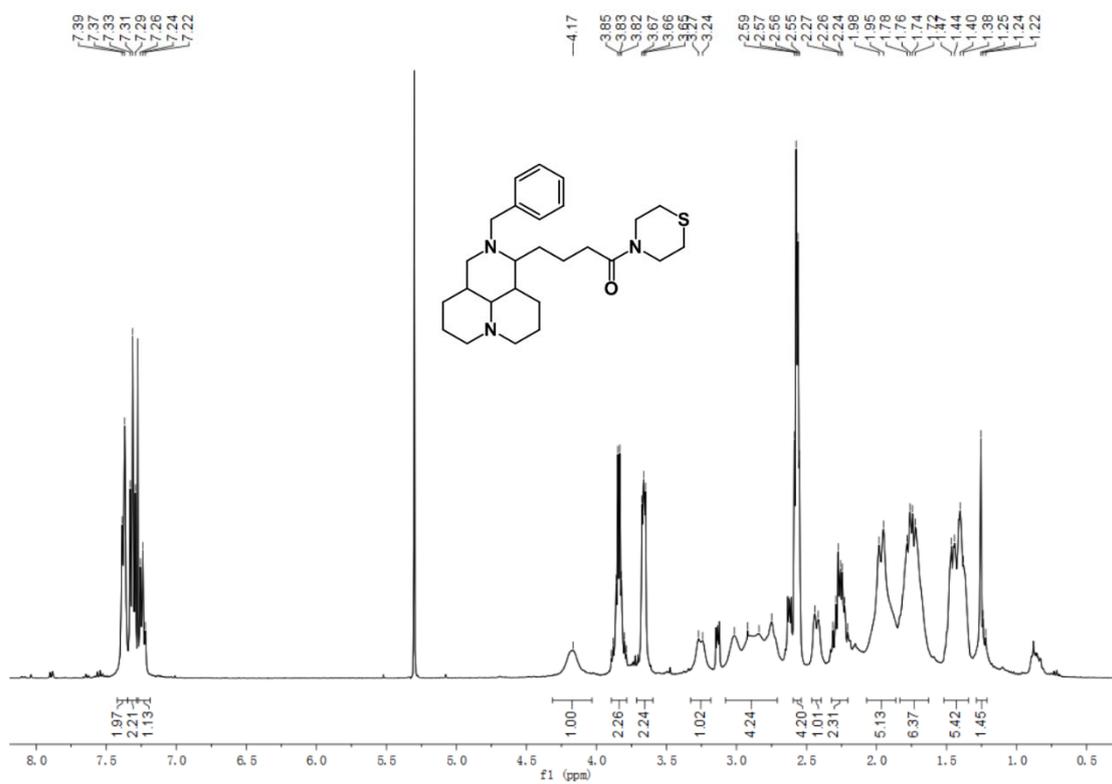
Figure S21. $^1\text{H-NMR}$ of **5h** in CDCl_3 .Figure S22. $^{13}\text{C-NMR}$ of **5h** in CDCl_3 .

Figure S23. $^1\text{H-NMR}$ of **5i** in CDCl_3 .Figure S24. $^{13}\text{C-NMR}$ of **5i** in CDCl_3 .