

Supplementary Material

Synthesis of methyl 2-((2-(cyclohexylamino)-2-oxo-1-phenylethyl) amino)benzoate

Mahboobe Amirani poor, Ali Darehkordi*, Mohammad Anary-Abbasinejad, and Marziyeh Mohammadi

Department of Chemistry, Faculty of Science, Vali-e-Asr University of Rafsanjan, Rafsanjan 77176, Iran

E-mail address: adarehkordi@yahoo.com; darehkordi@mail.vru.ac

Table of Contents

FT-IR, ¹ H and ¹³ C NMR Spectra for Compounds 5a-l	S2
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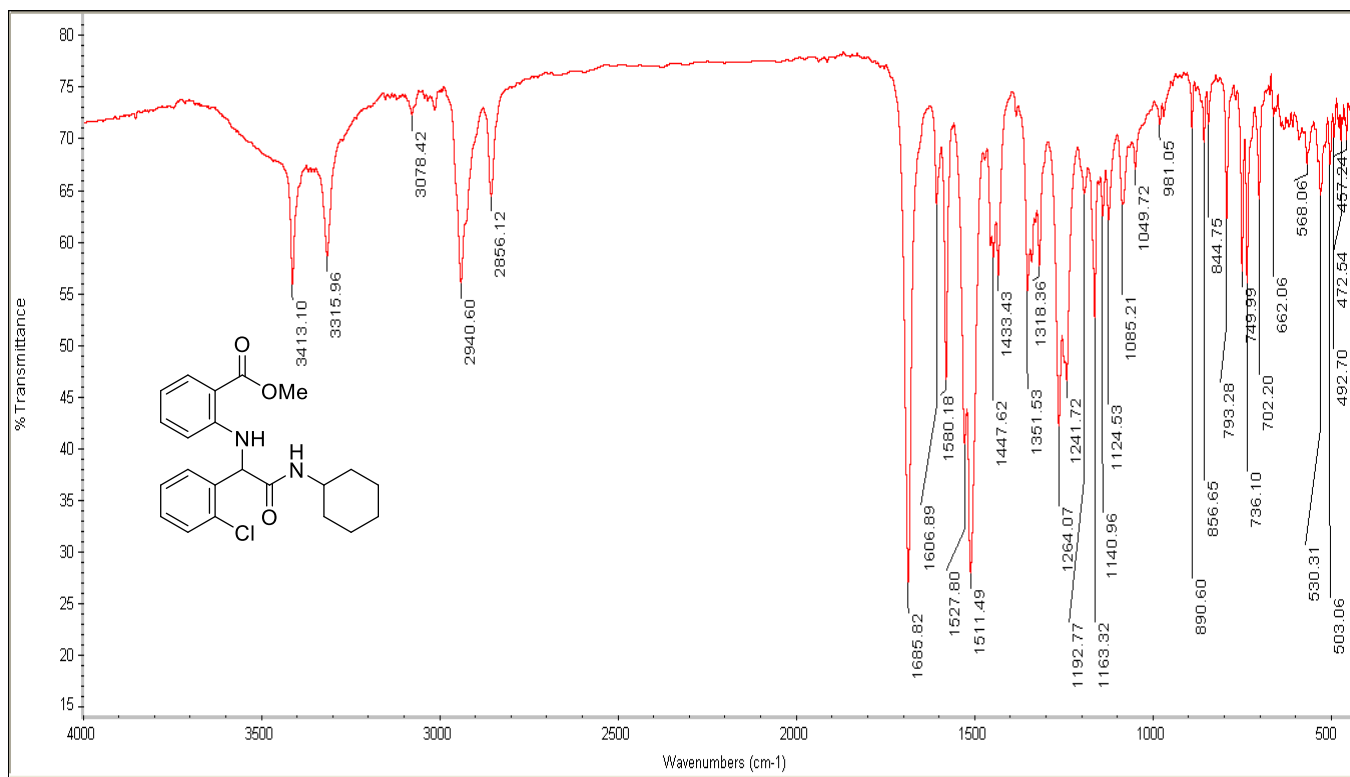


Figure 1. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5a).

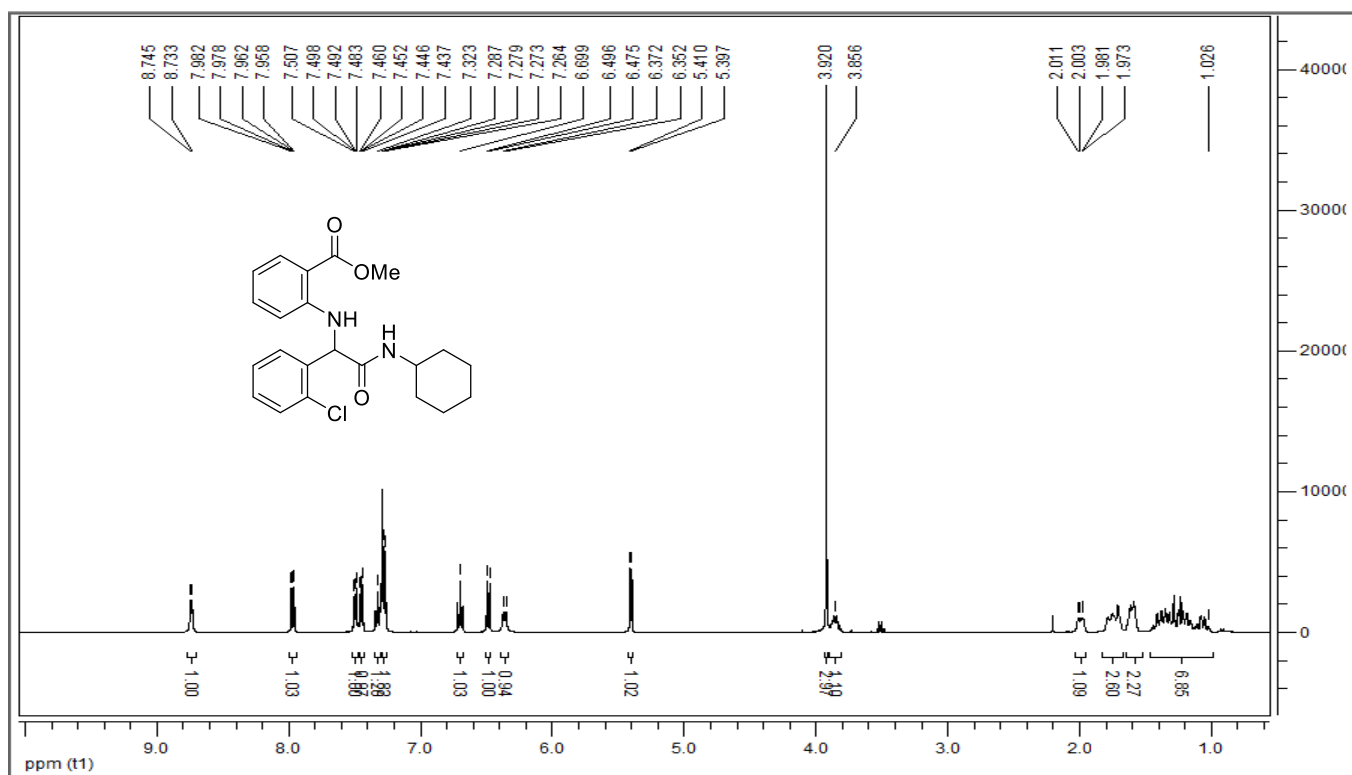


Figure 2. ^1H NMR spectrum (CDCl₃, 500 MHz) (5a).

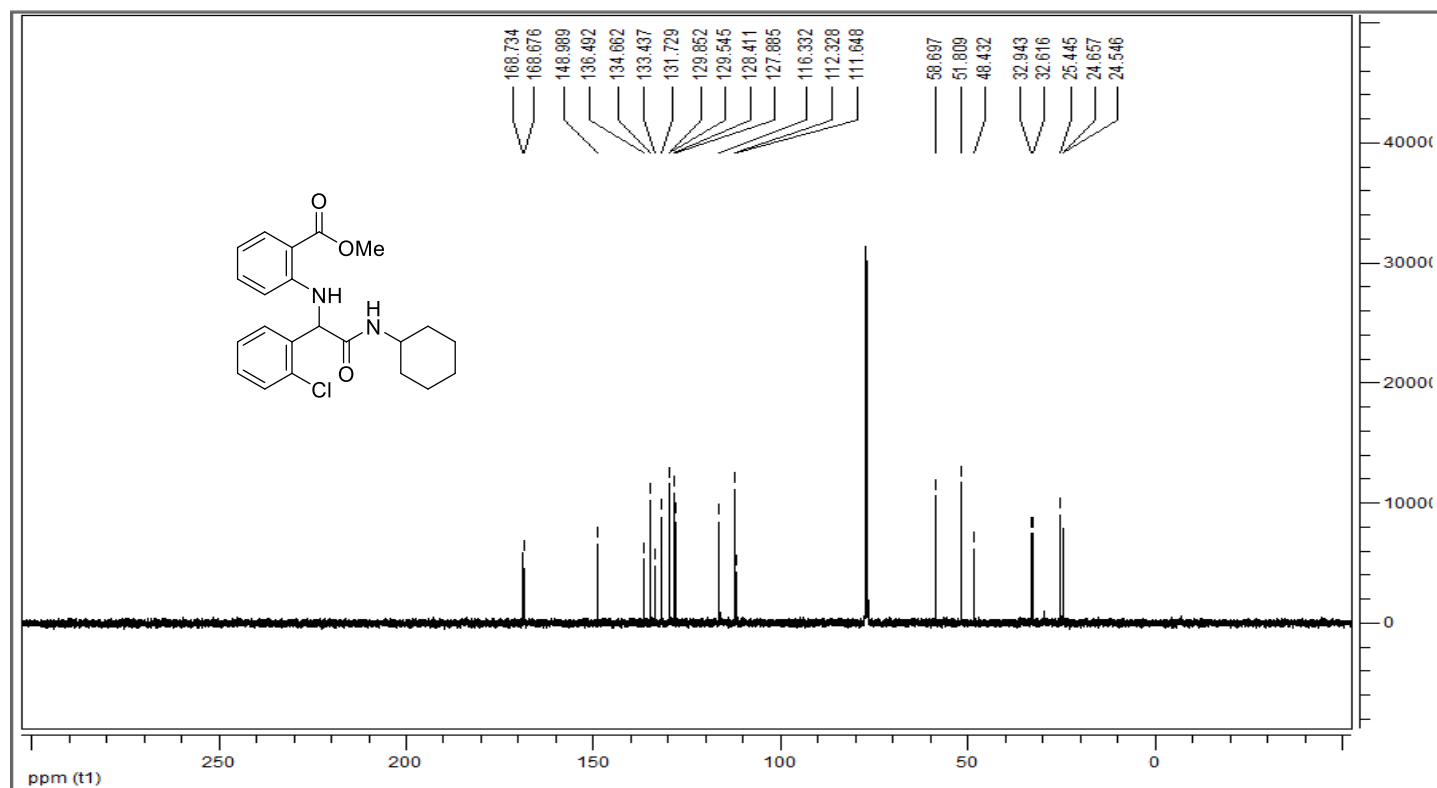


Figure 3. ¹³CNMR spectrum (CDCl₃, 125MHz) (5a).

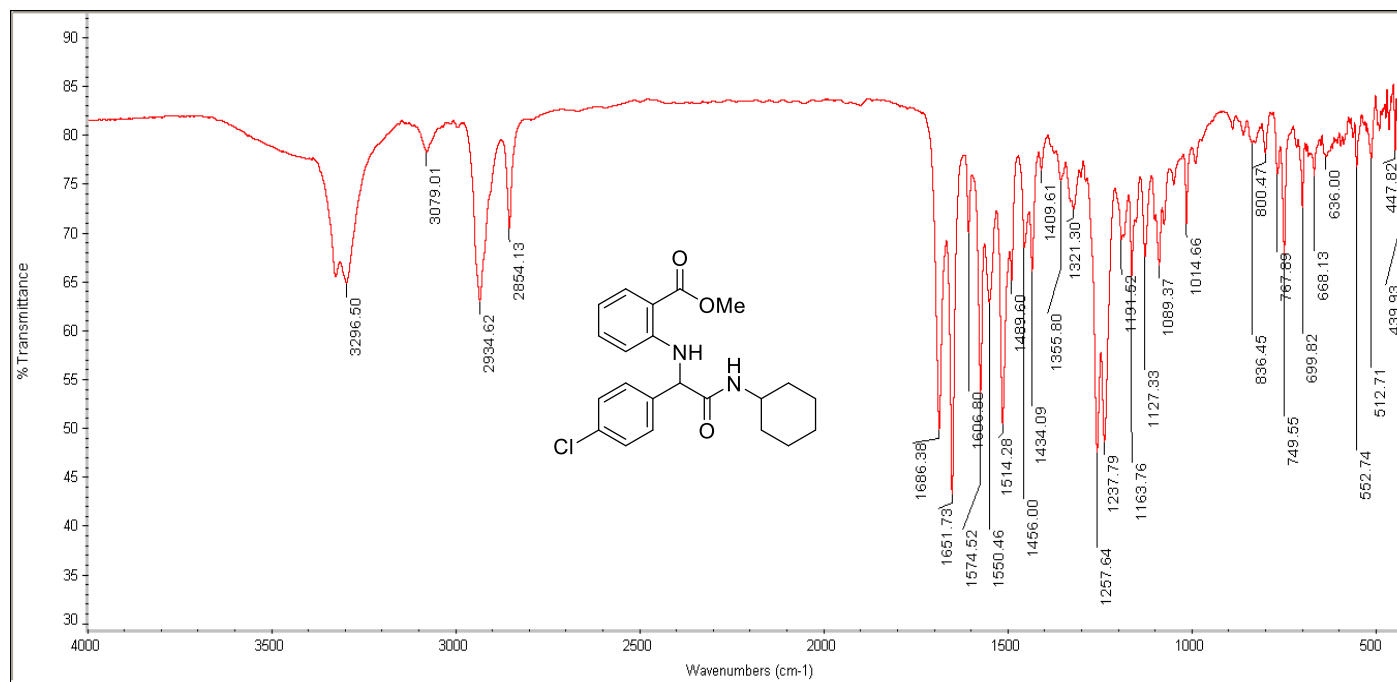


Figure 4. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5b).

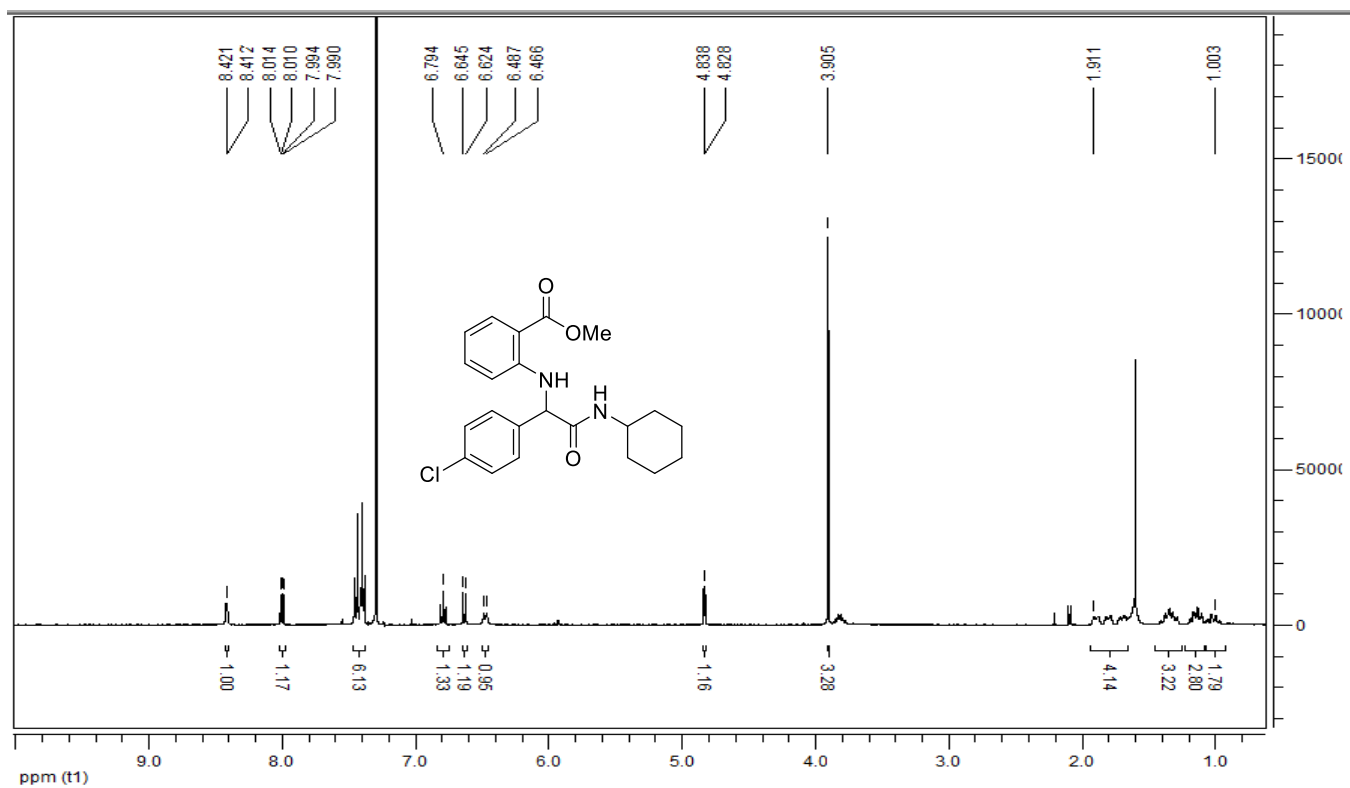


Figure 5. ^1H NMR spectrum (CDCl_3 , 500 MHz) (**5b**).

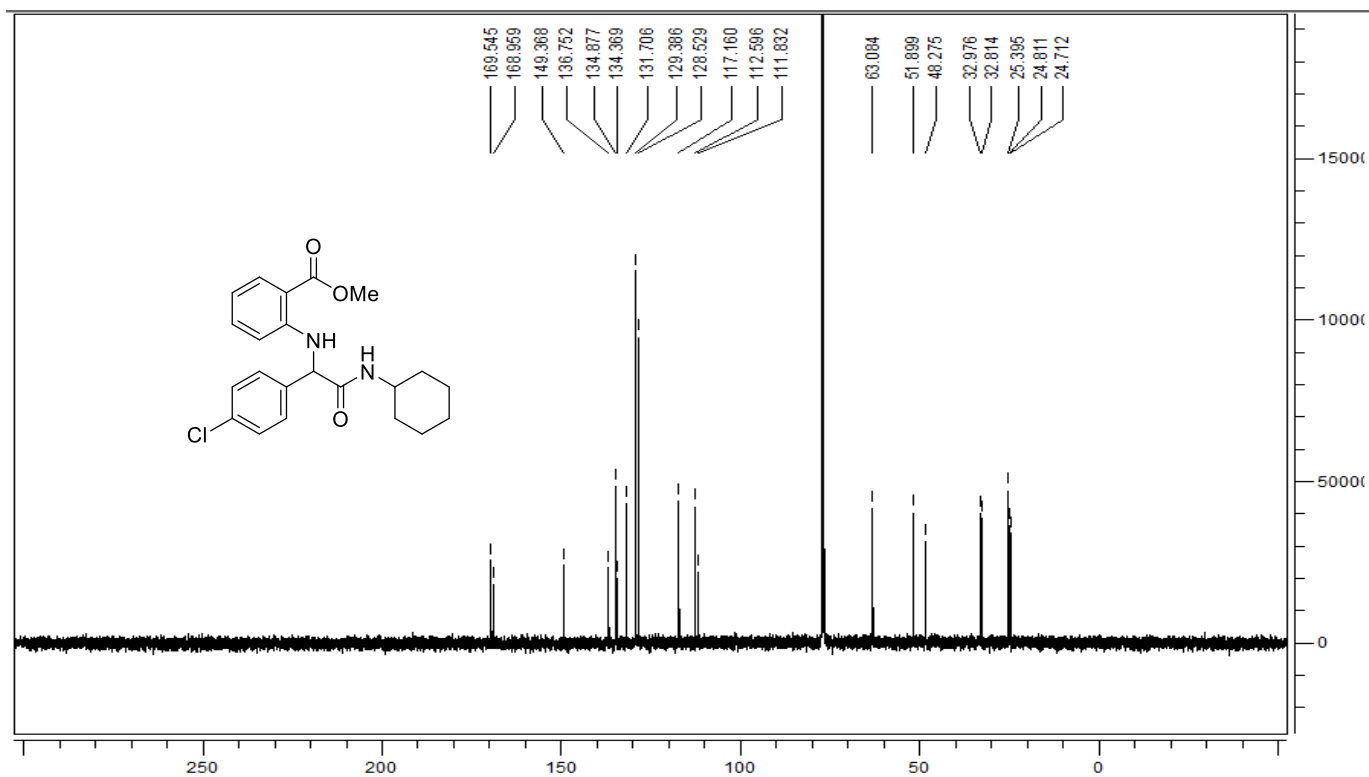


Figure 6. ^{13}C NMR spectrum (CDCl_3 , 125MHz) (**5b**).

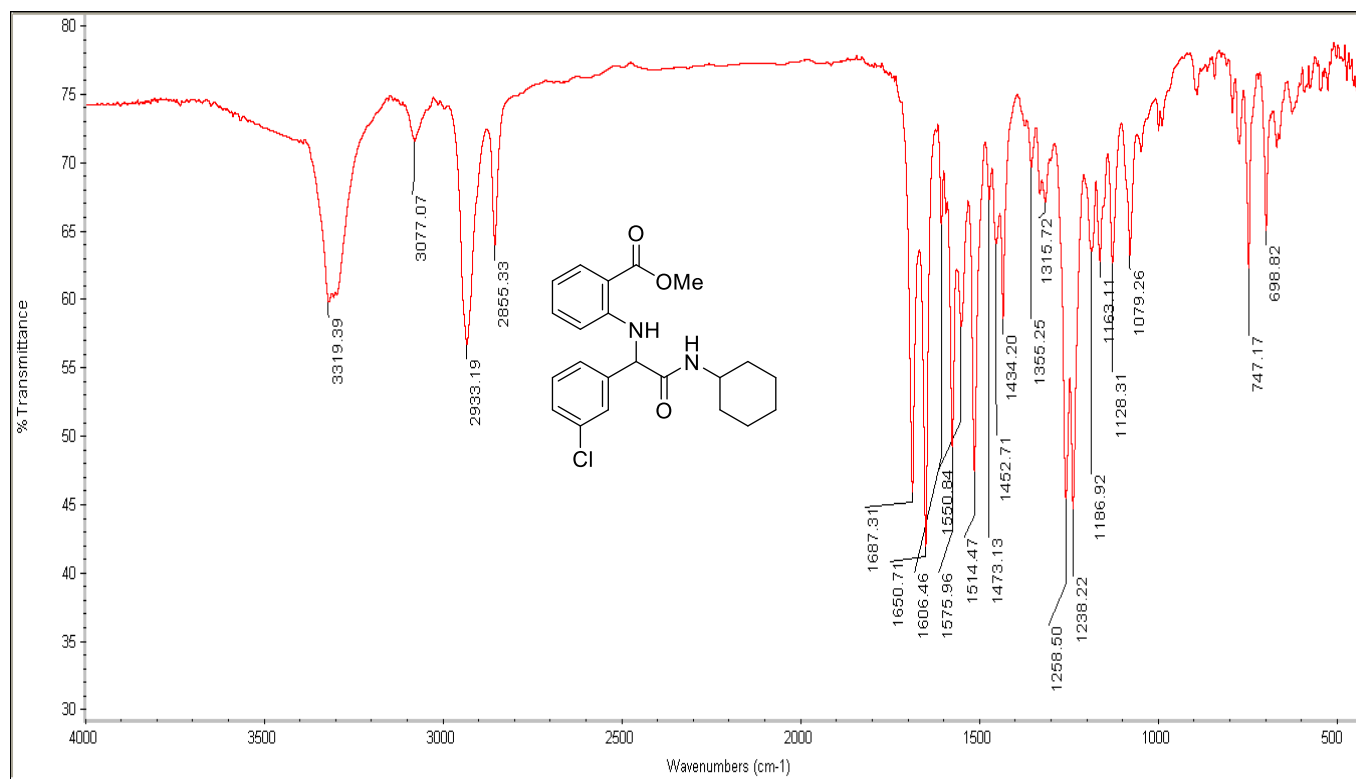


Figure 7. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5c).

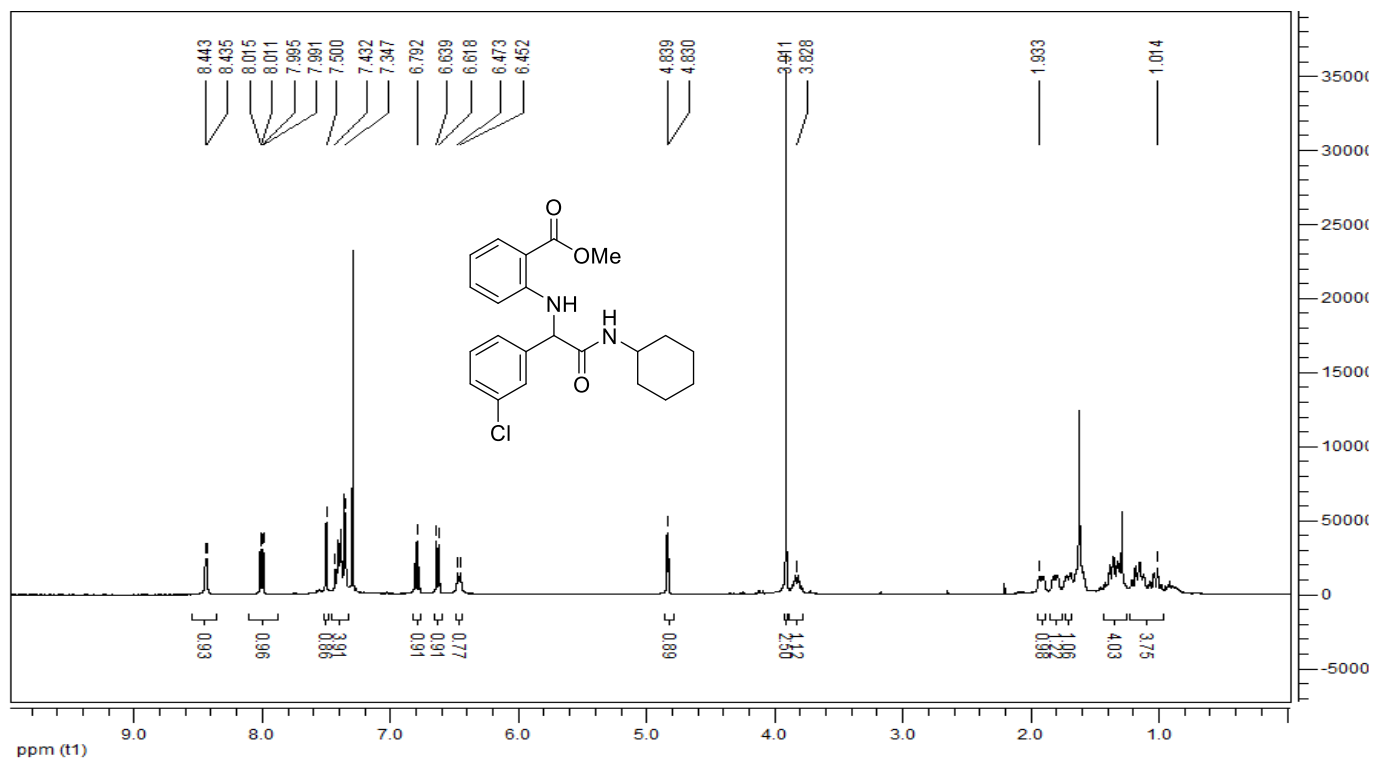


Figure 8. ^1H NMR spectrum (CDCl_3 , 500 MHz) (5c).

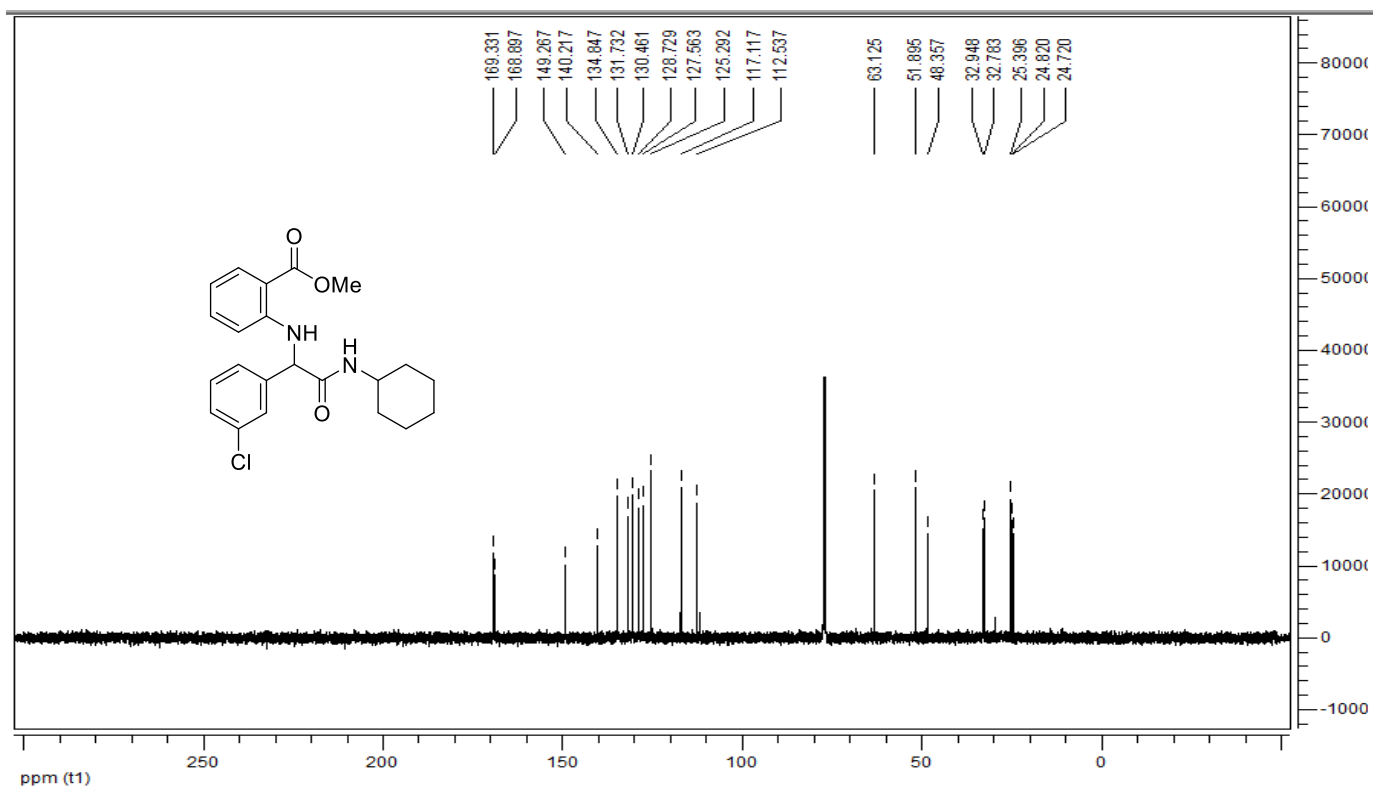


Figure 9. ¹³CNMR spectrum (CDCl₃, 125MHz) (5c).

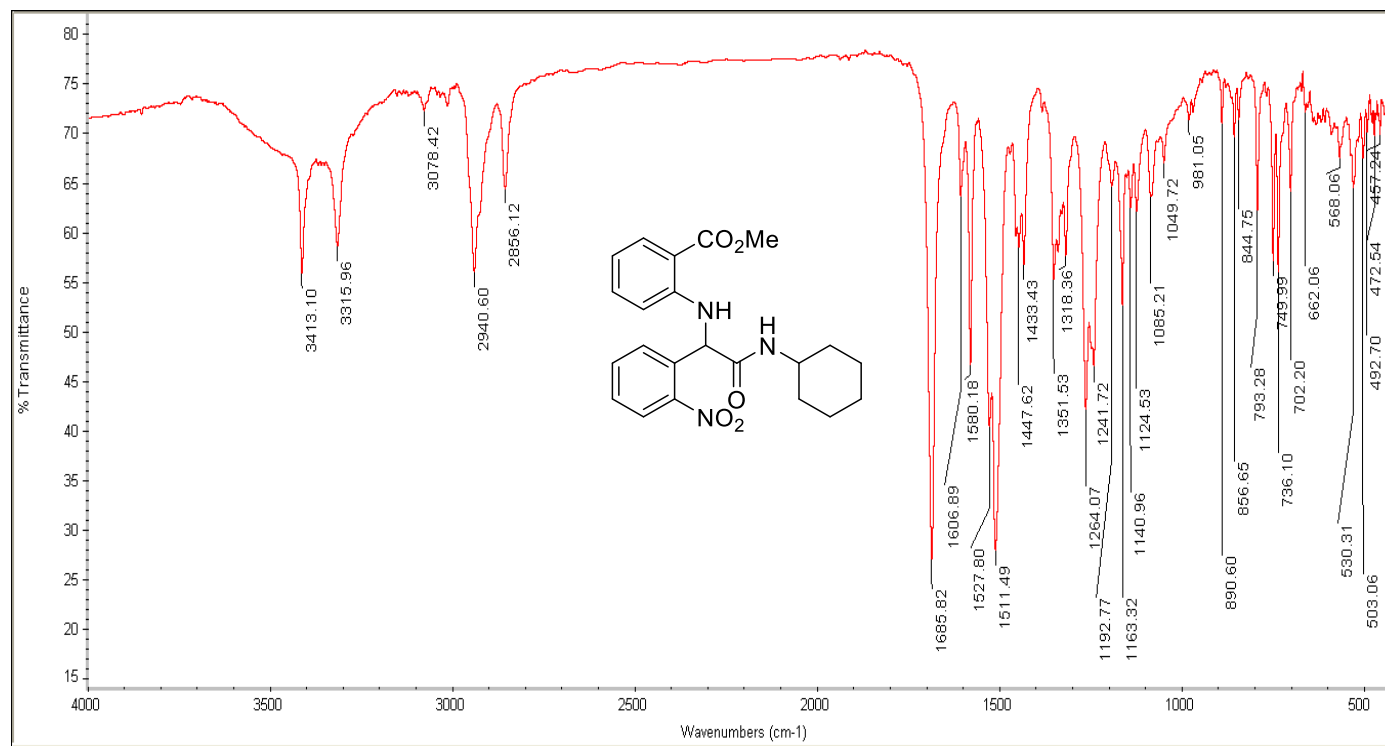


Figure 10. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5d).

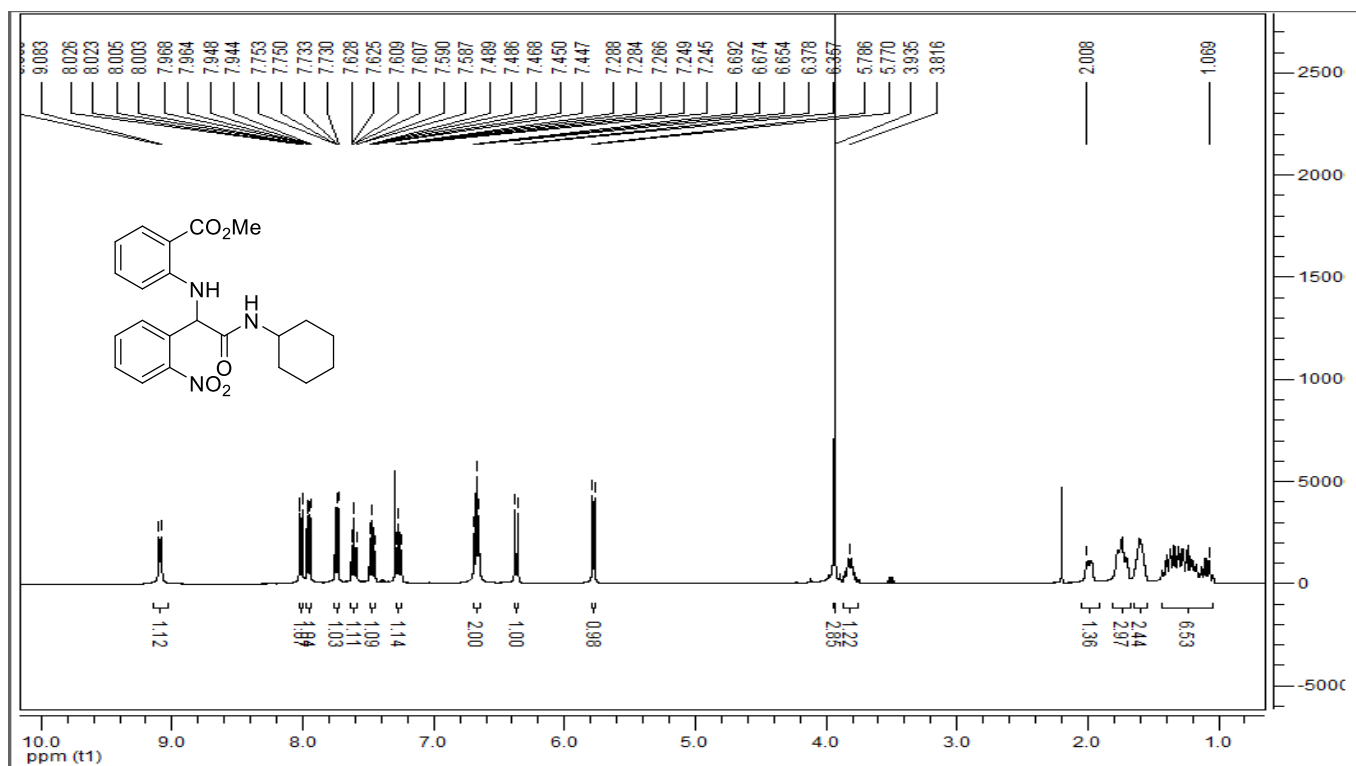


Figure 11. ^1H NMR spectrum (CDCl_3 , 500 MHz) (**5d**).

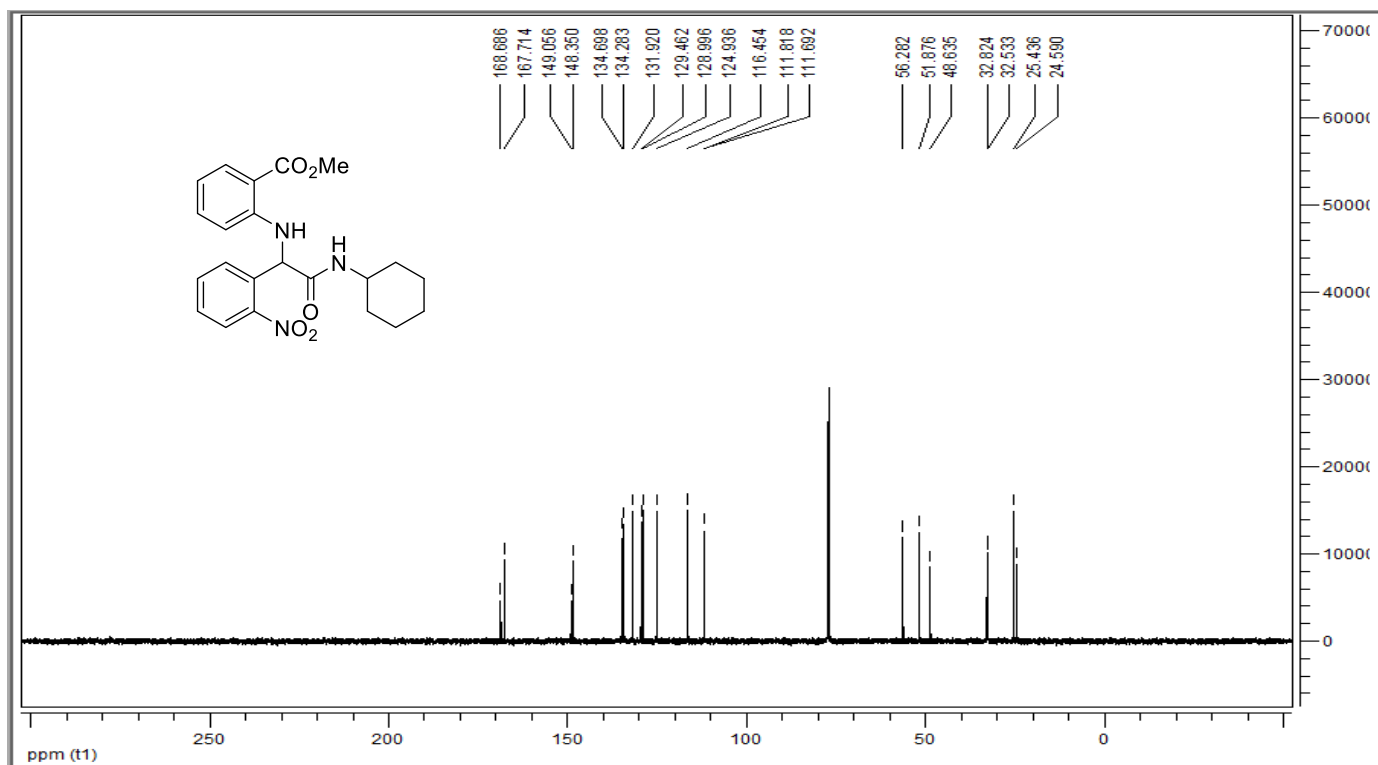


Figure 12. ¹³CNMR spectrum (CDCl₃, 125MHz) (5d).

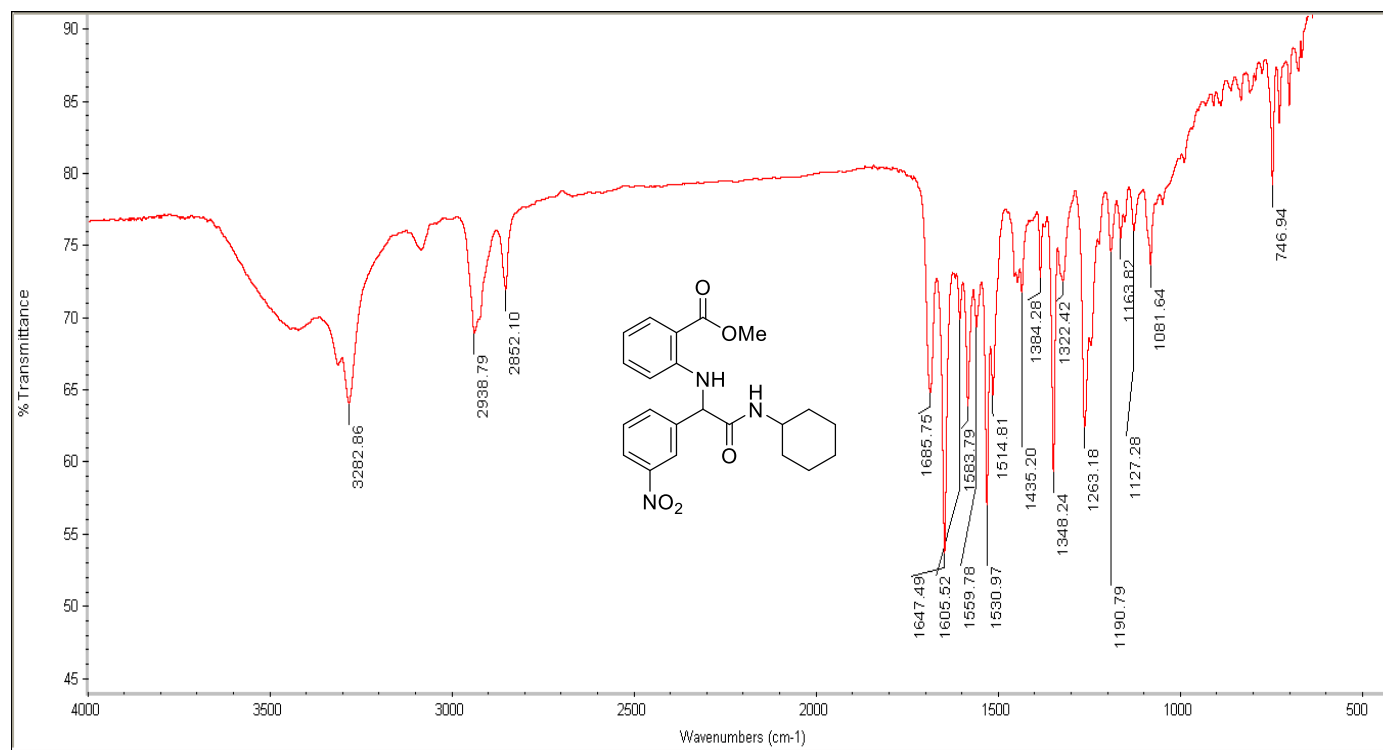


Figure 13. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5e).

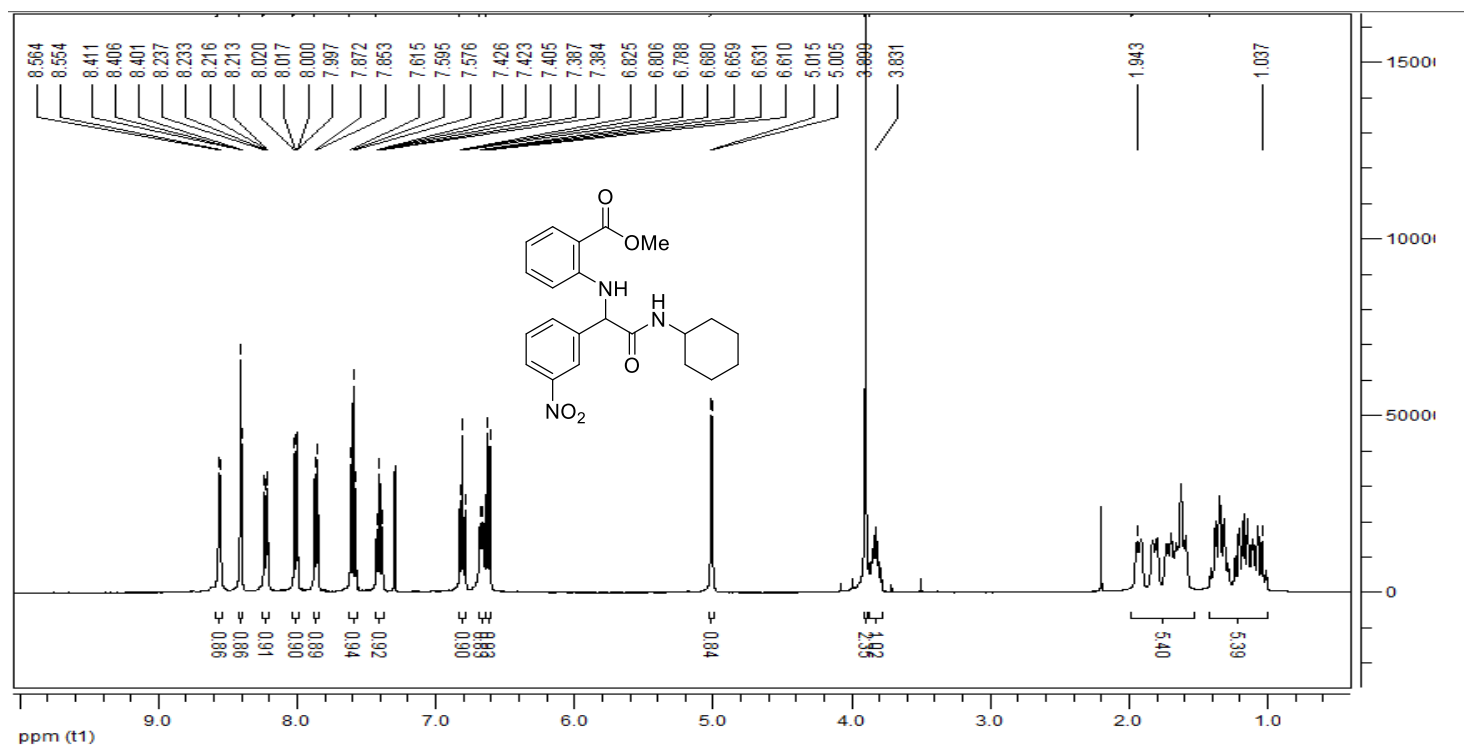


Figure 14. ^1H NMR spectrum (CDCl₃, 500 MHz) (**5e**).

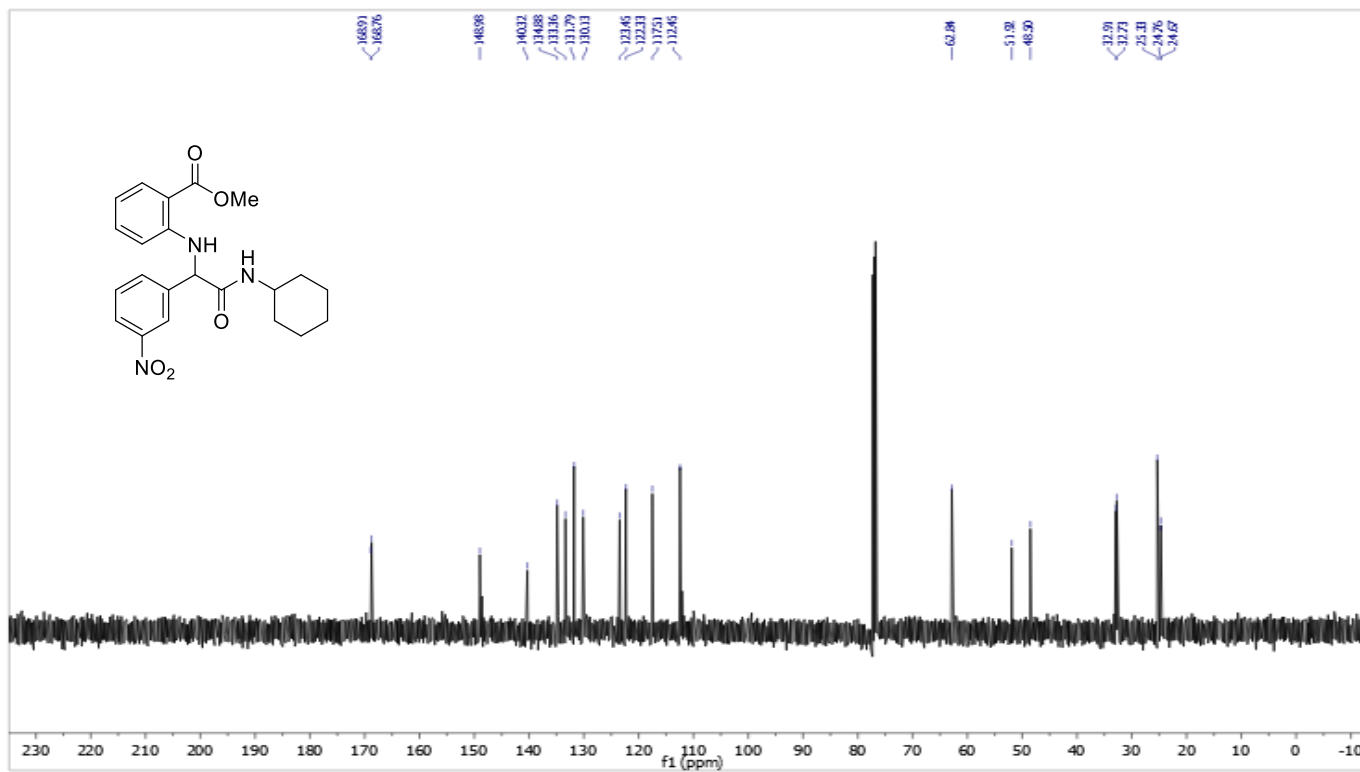


Figure 15. ¹³CNMR spectrum (CDCl₃, 125MHz) (5e).

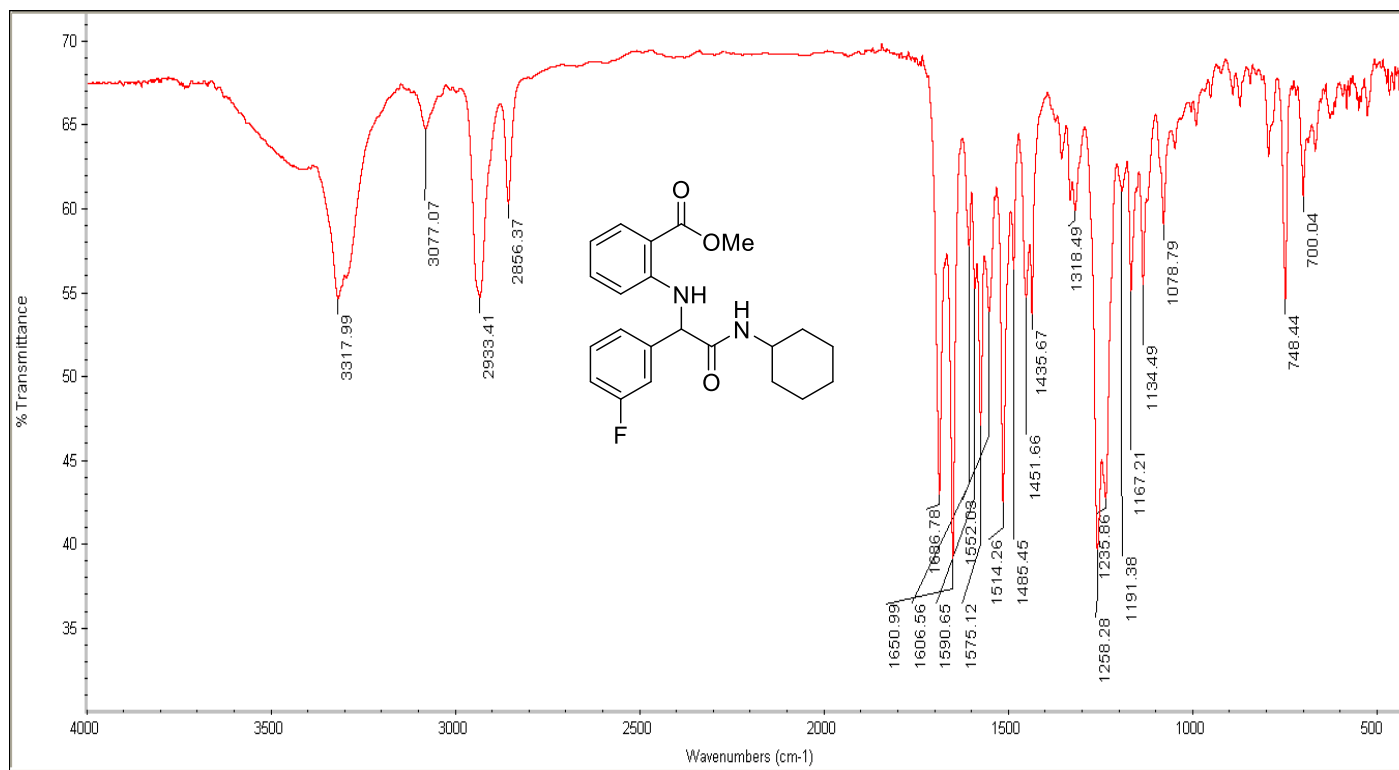


Figure 16. IR spectrum (KBr) ($\bar{\nu}_{\text{max}}$, cm^{-1}) (5f).

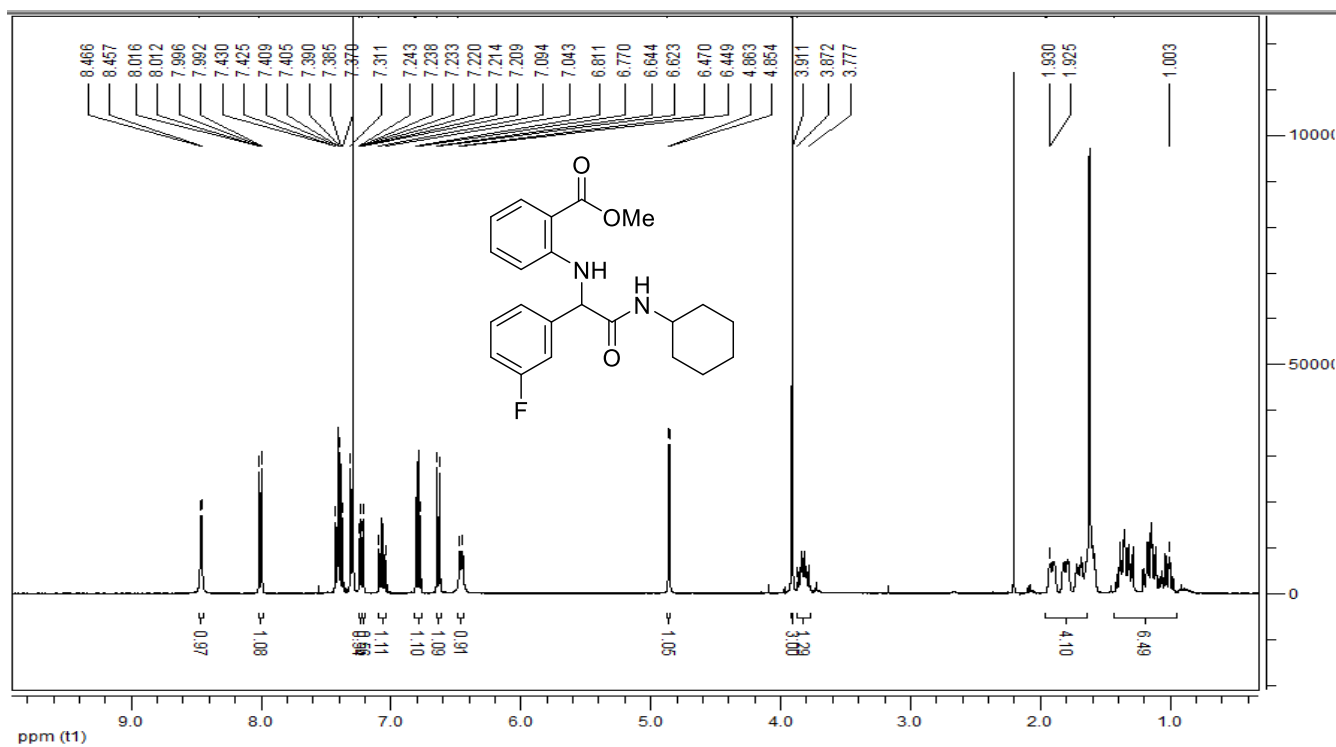


Figure 17. ^1H NMR spectrum (CDCl_3 , 500 MHz) (**5f**).

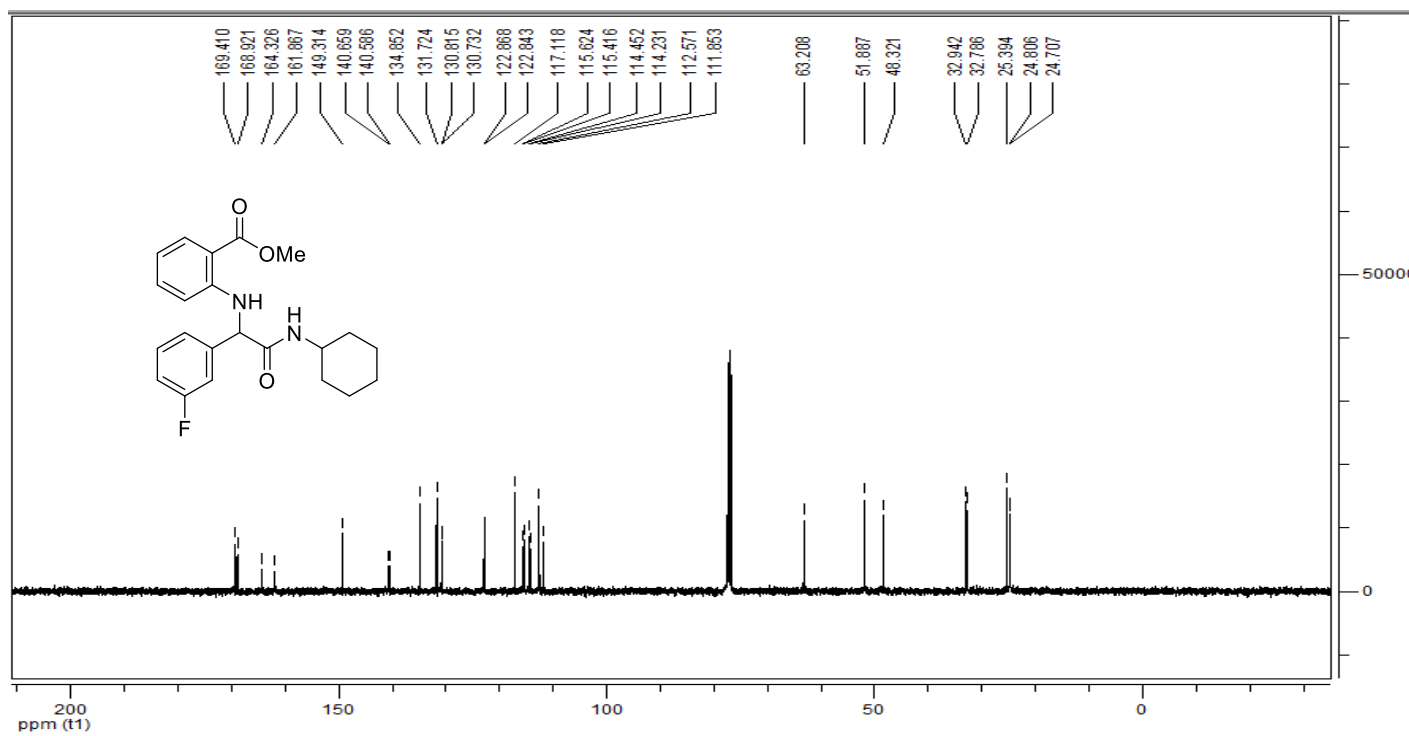


Figure 18. ^{13}C NMR spectrum (CDCl₃, 125MHz) (5f).

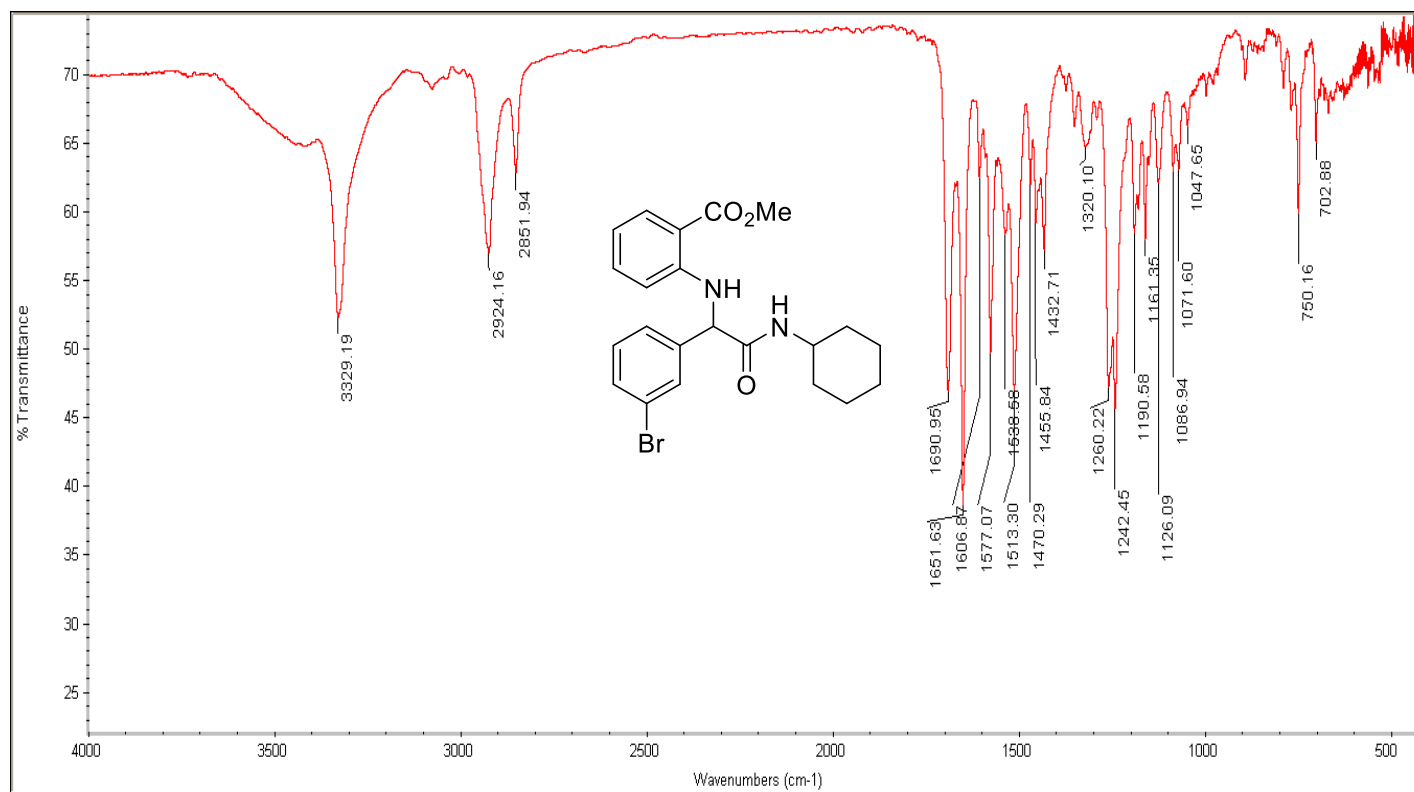


Figure 19. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5g).

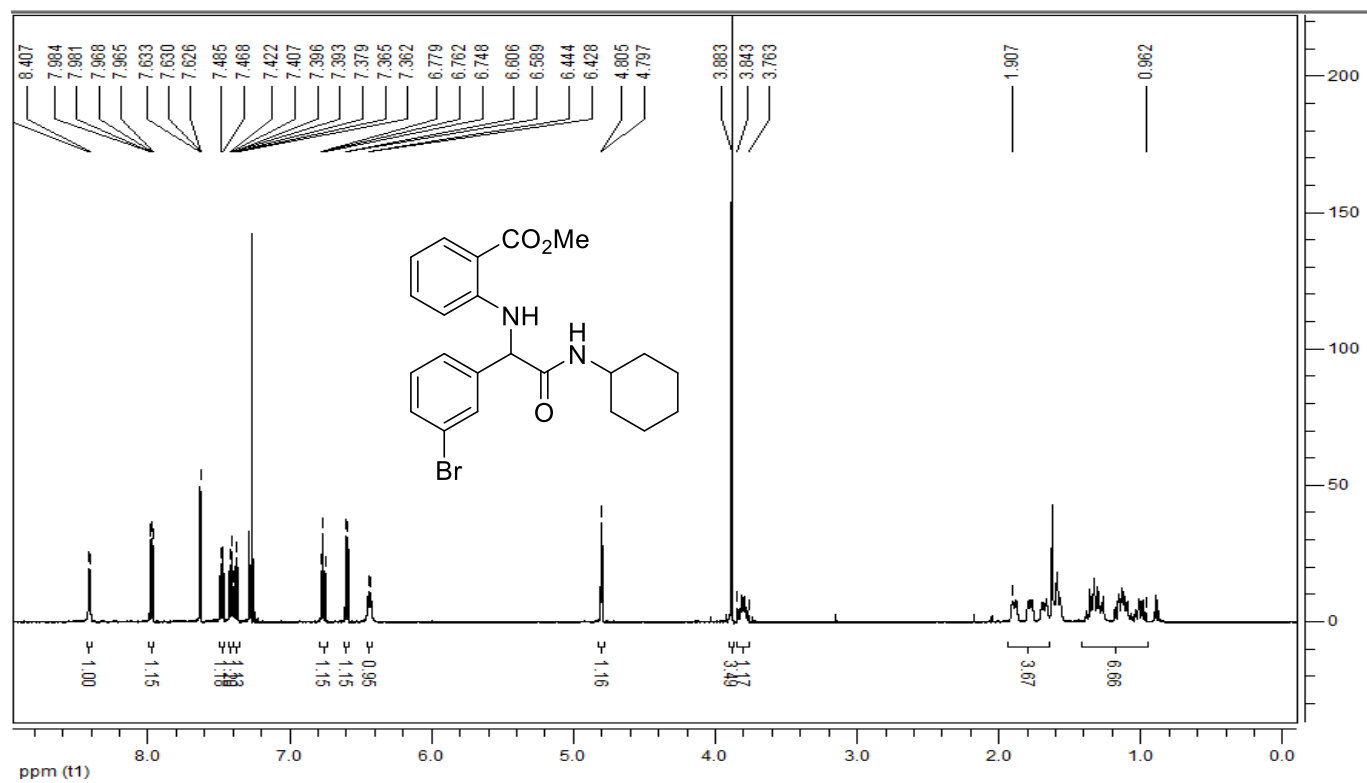


Figure 20. ¹H NMR spectrum (CDCl₃, 500 MHz) (5g).

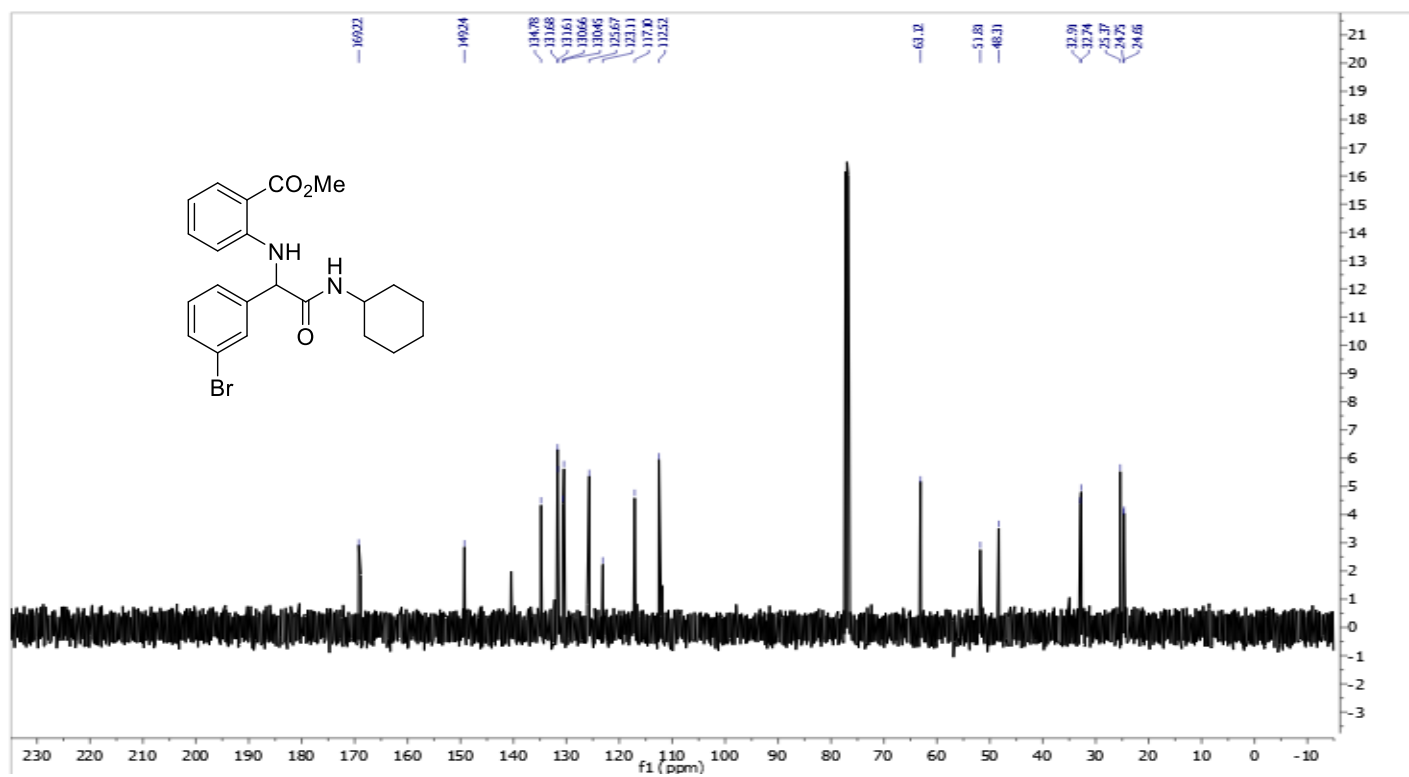


Figure 21. ¹³CNMR spectrum (CDCl₃, 125MHz) (5g).

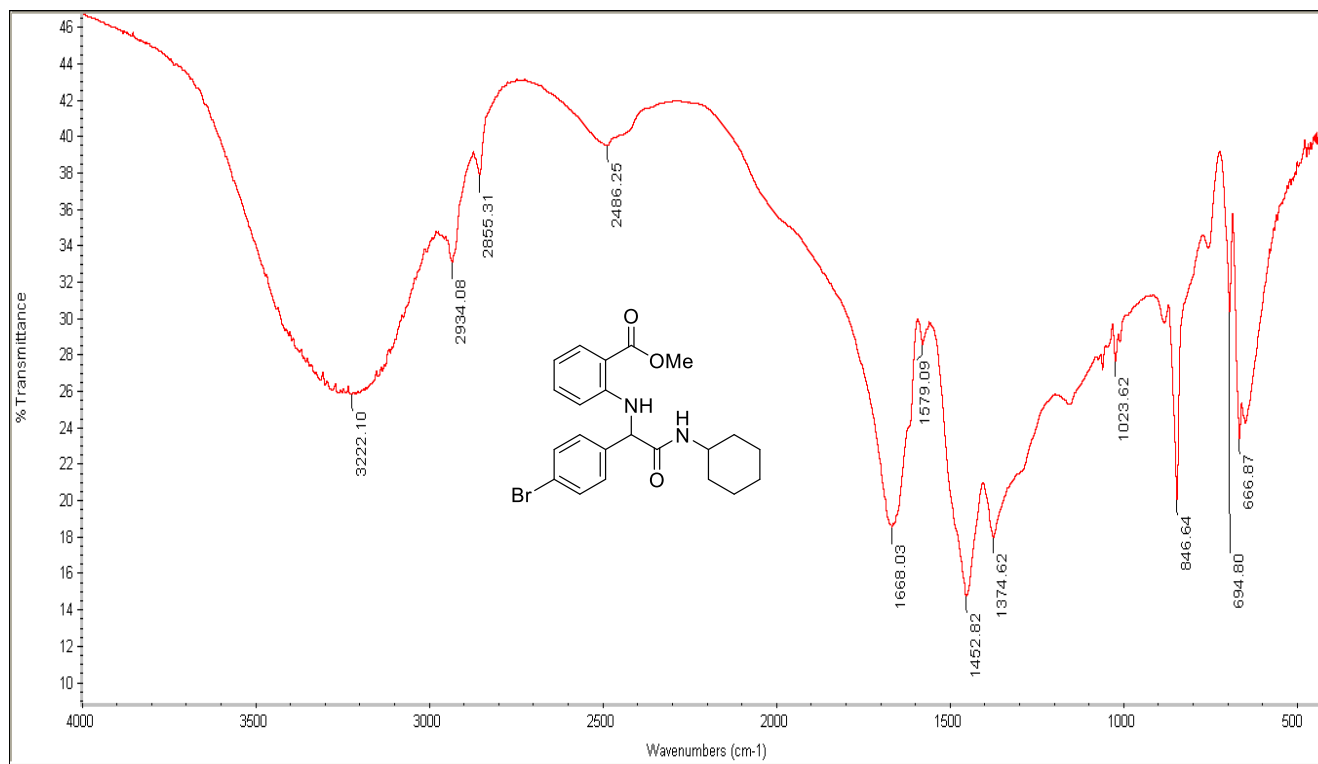


Figure 22. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5h).

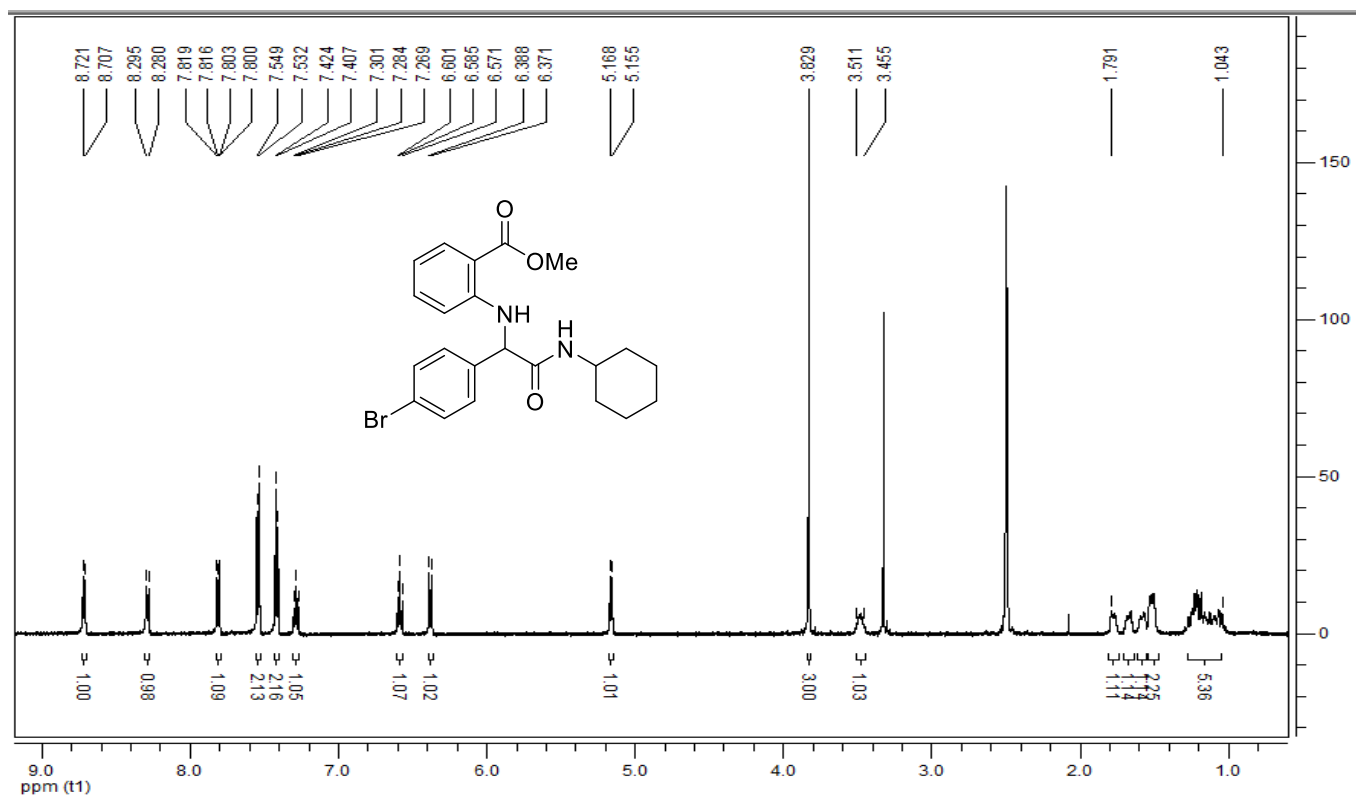


Figure 23. ¹H NMR spectrum (DMSO, 500 MHz) (5h).

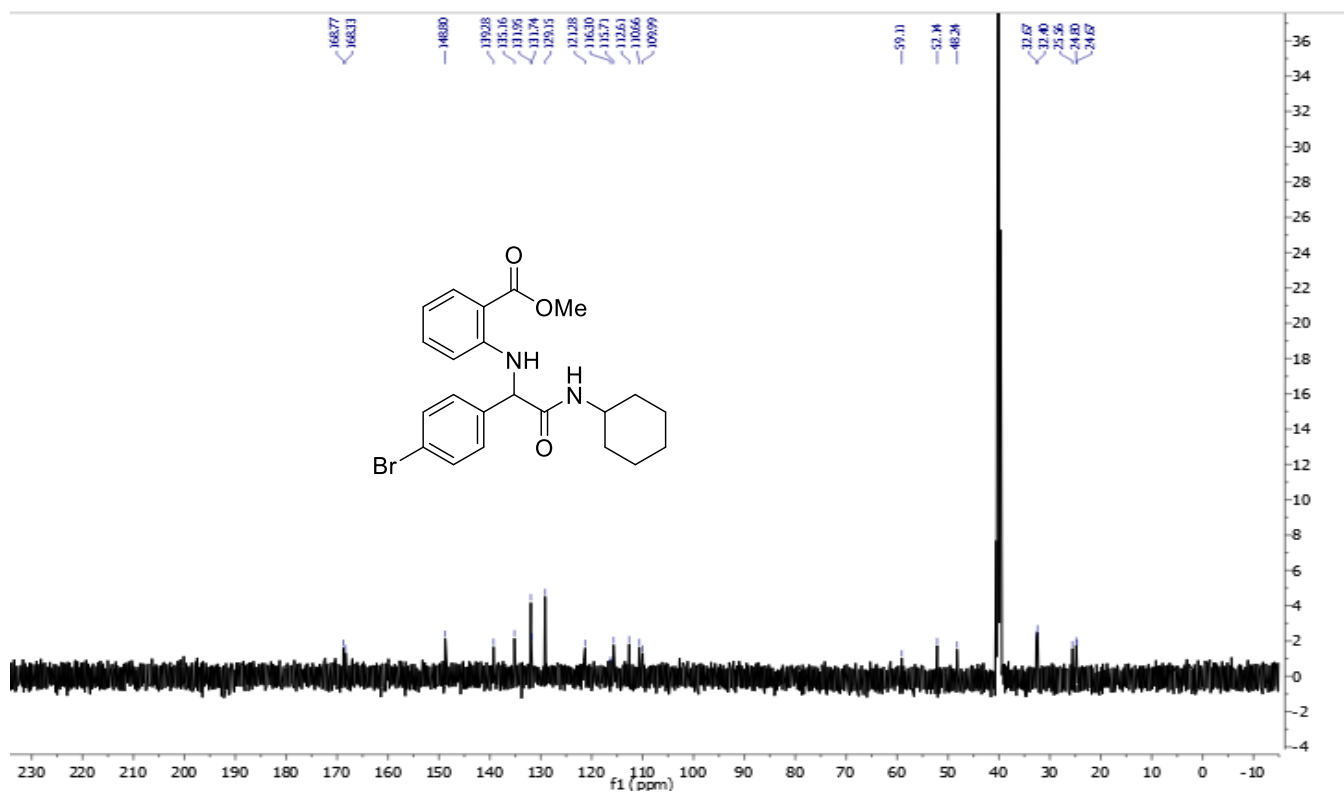


Figure 24. ^{13}C NMR spectrum (DMSO, 125MHz) (5h).

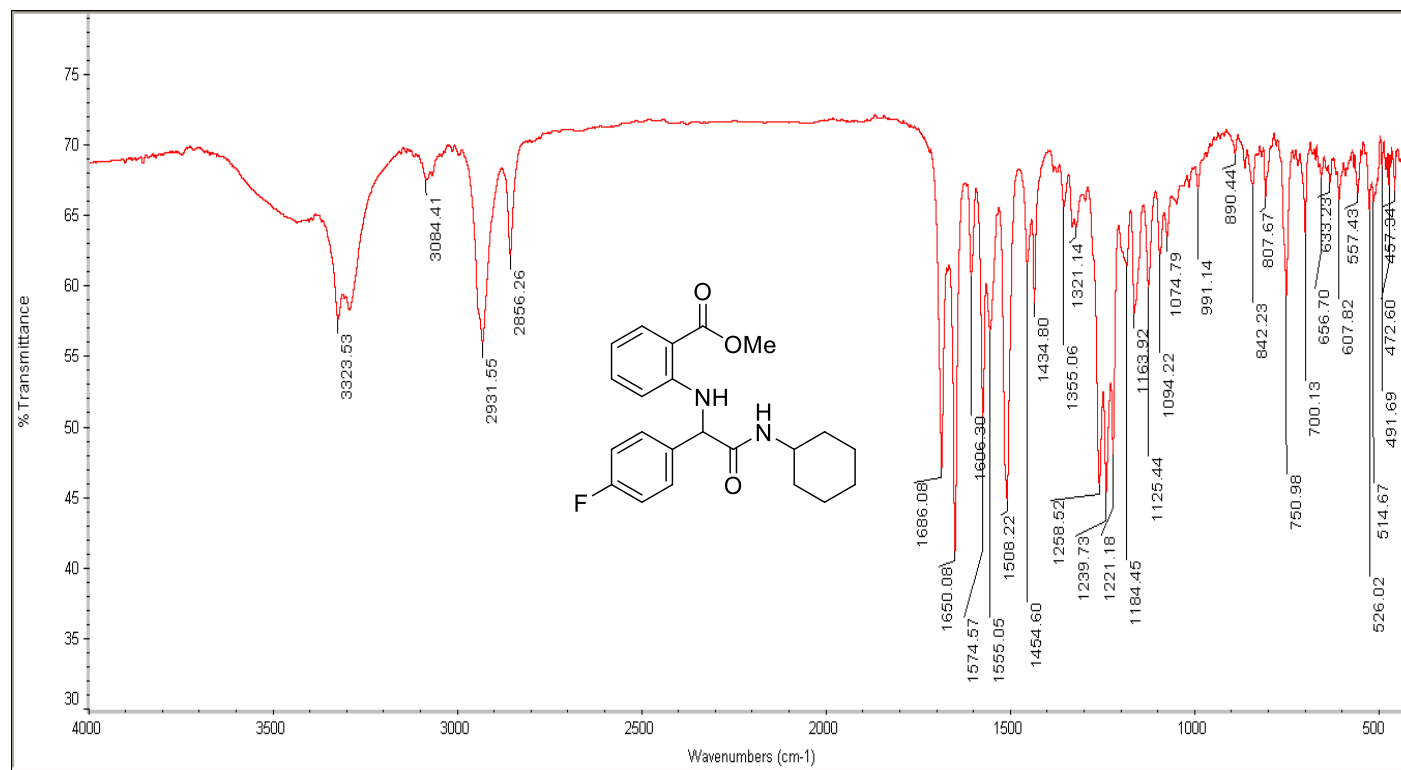


Figure 25. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5i).

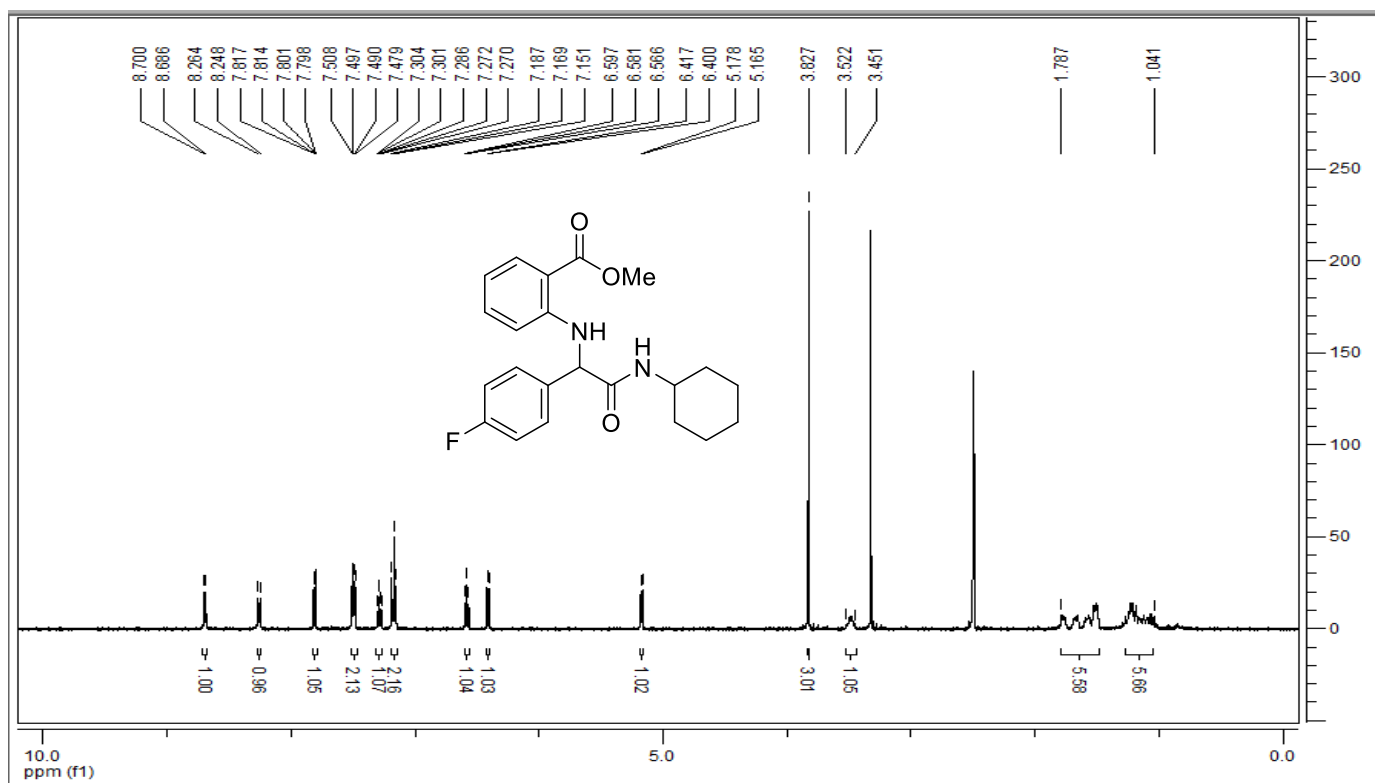


Figure 26. ¹H NMR spectrum (DMSO, 500 MHz) (5i).

7

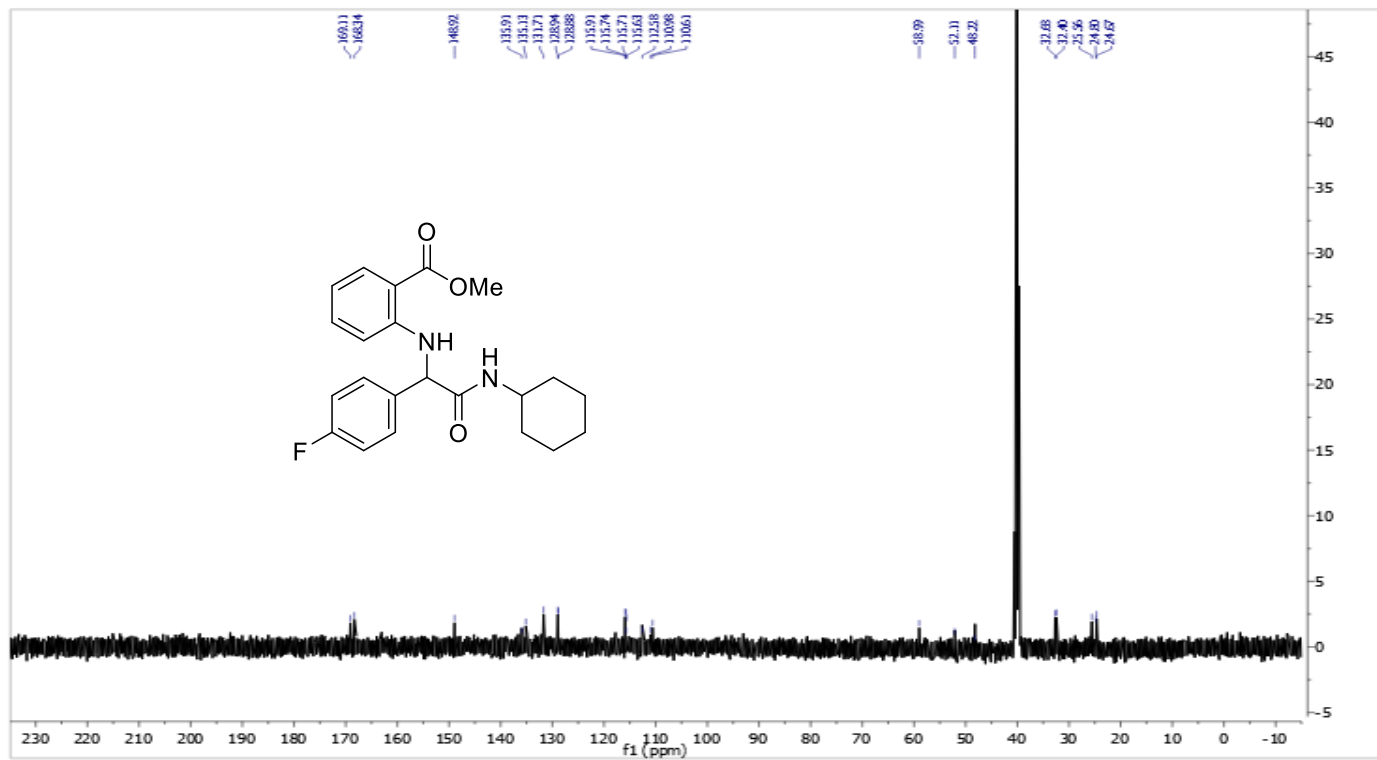


Figure 27. ¹³CNMR spectrum (DMSO, 125MHz) (5i).

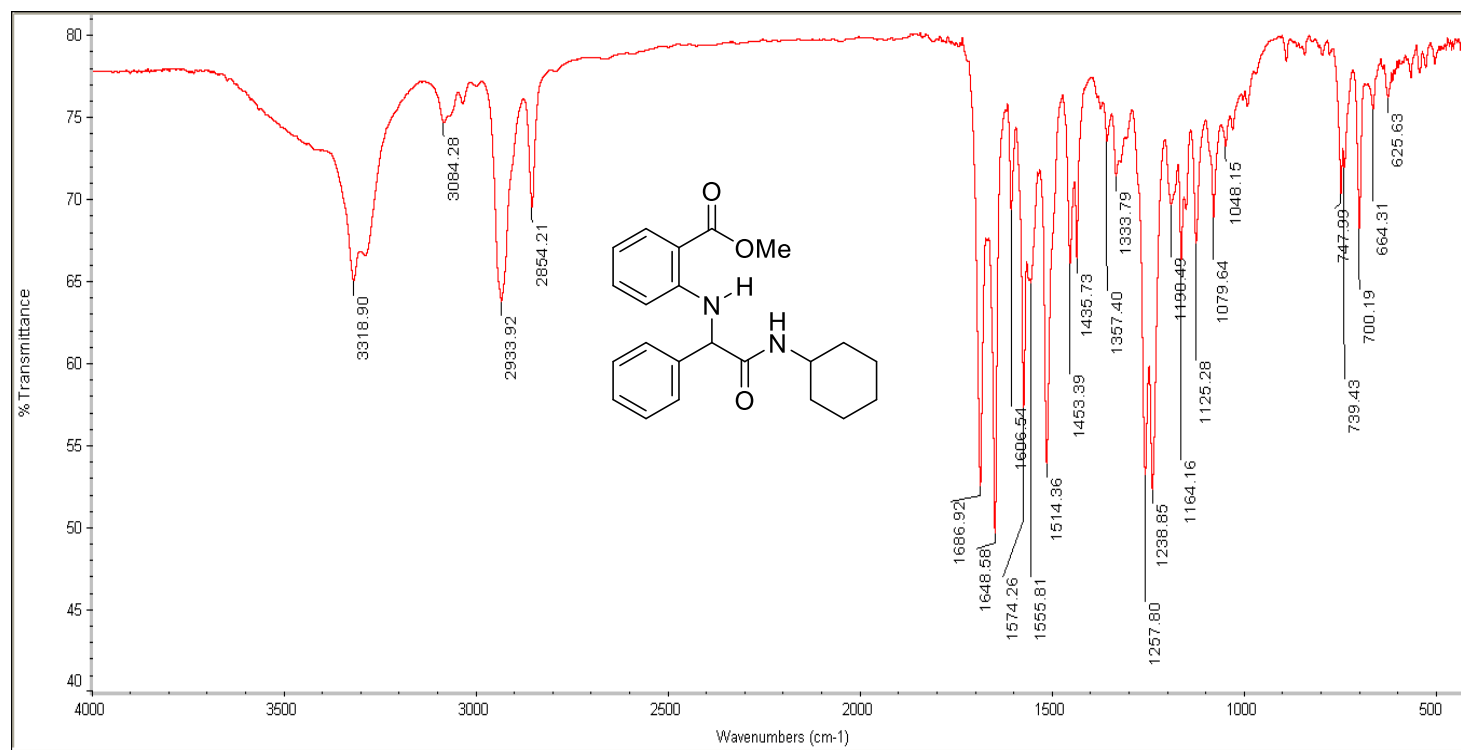


Figure 28. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5j).

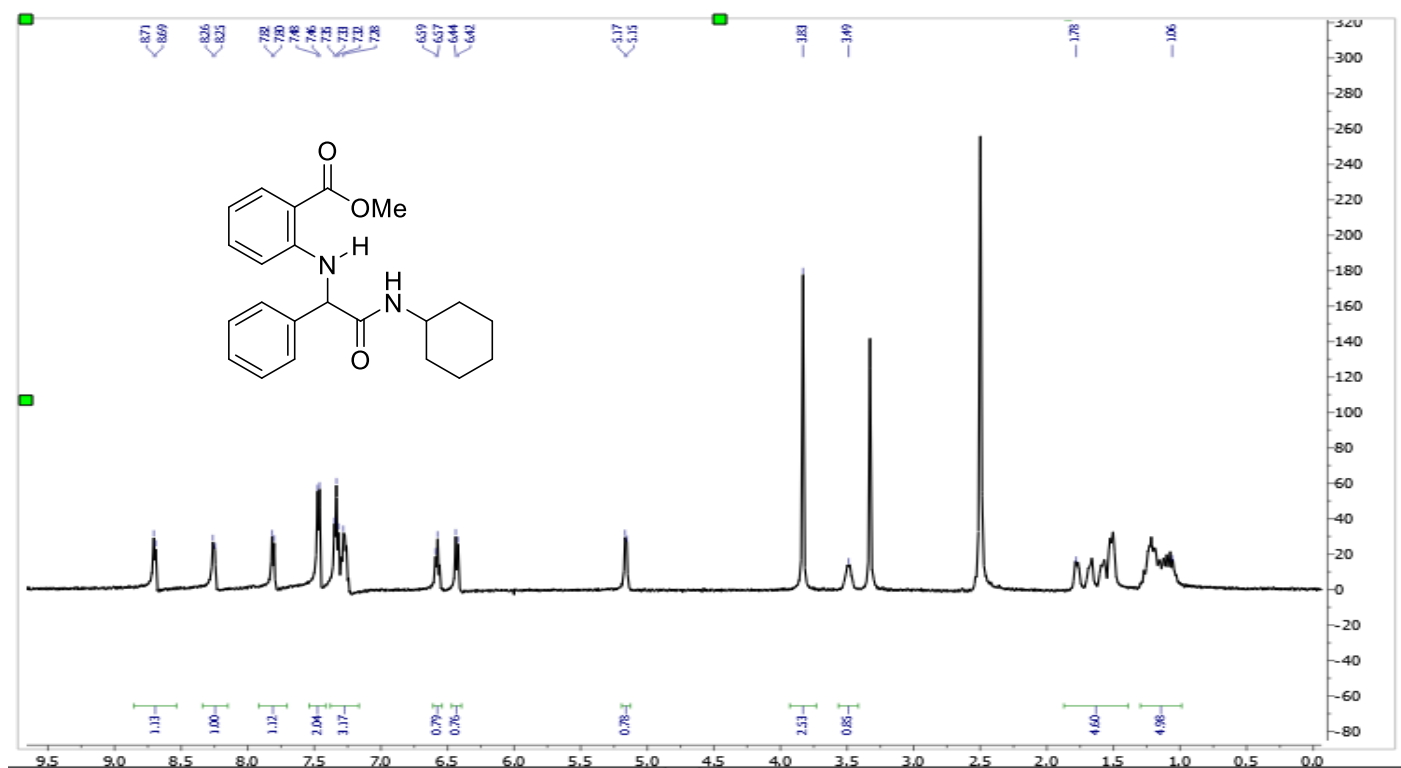


Figure 29. ^1H NMR spectrum (DMSO, 500 MHz) (**5j**).

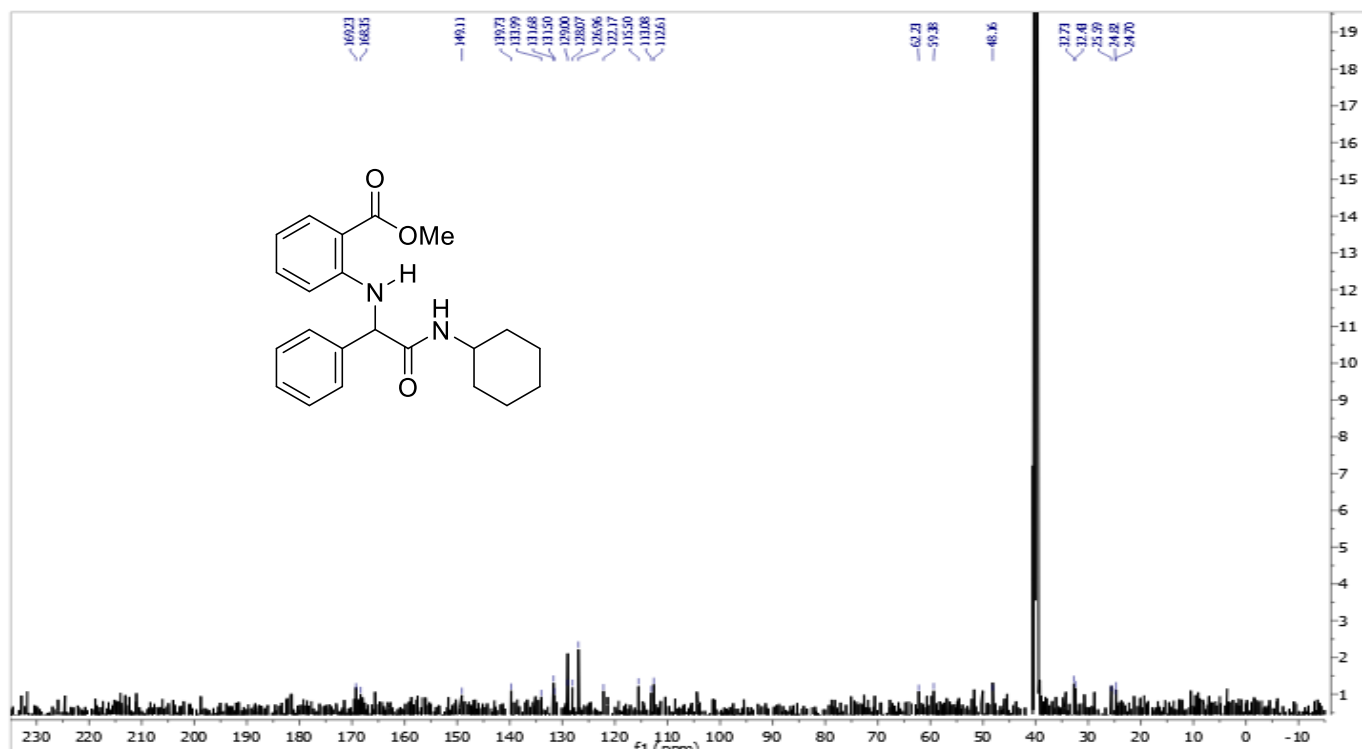


Figure 30. ^{13}C NMR spectrum (DMSO, 125MHz) (**5j**).

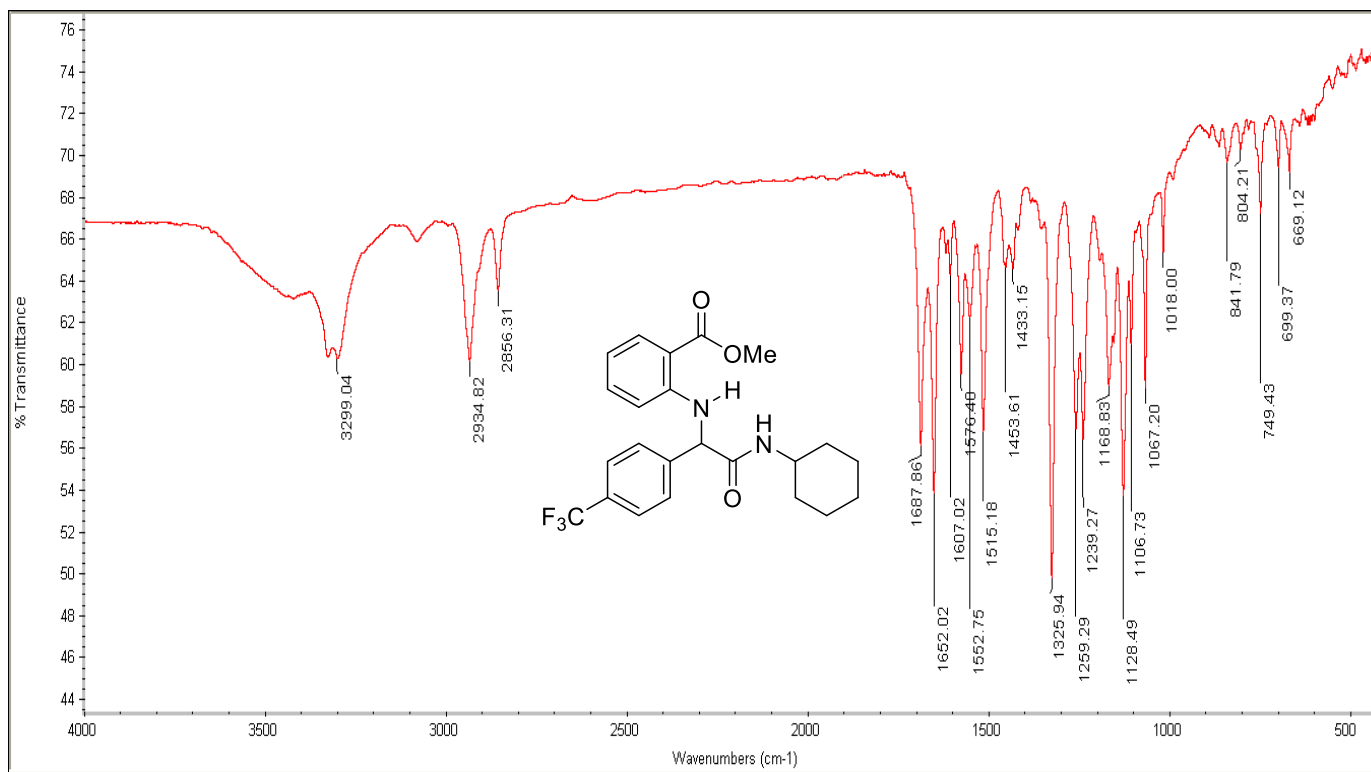
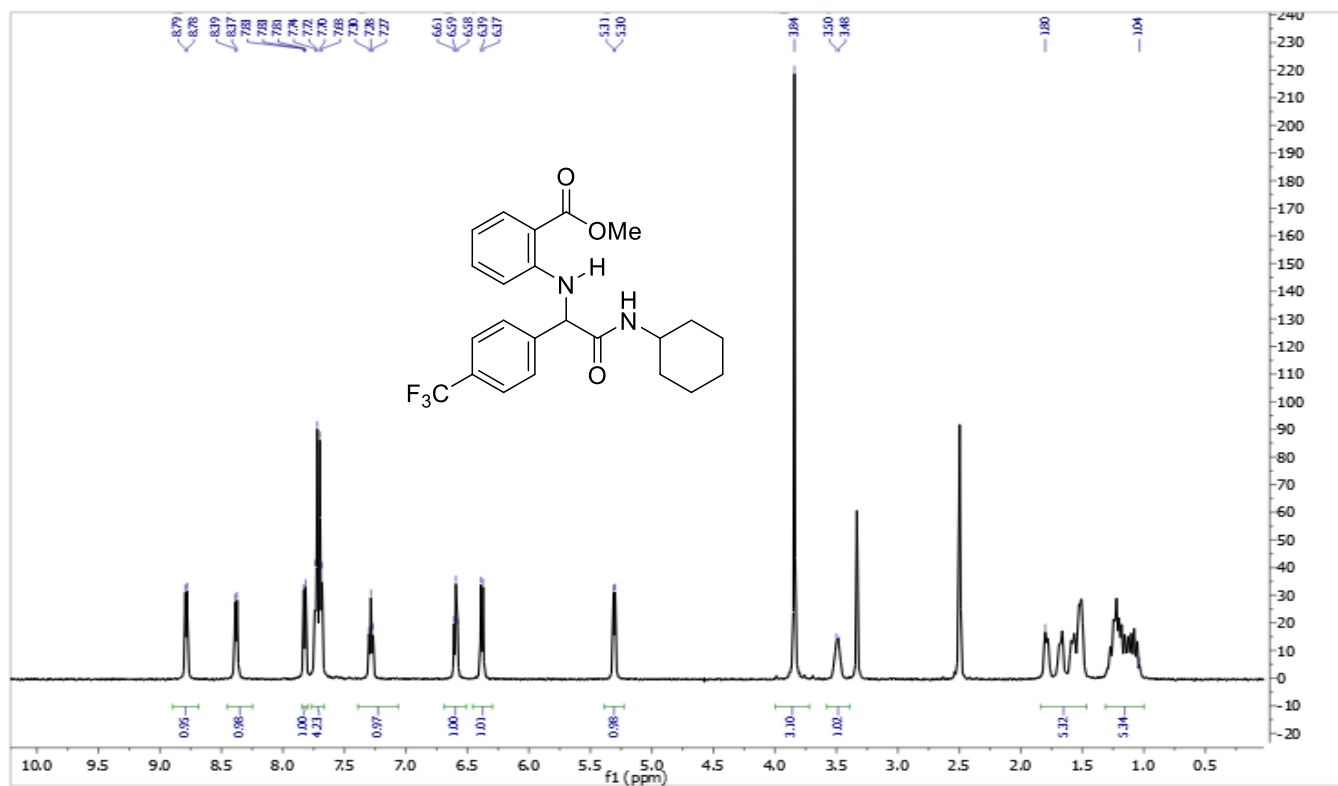


Figure 31. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5k).



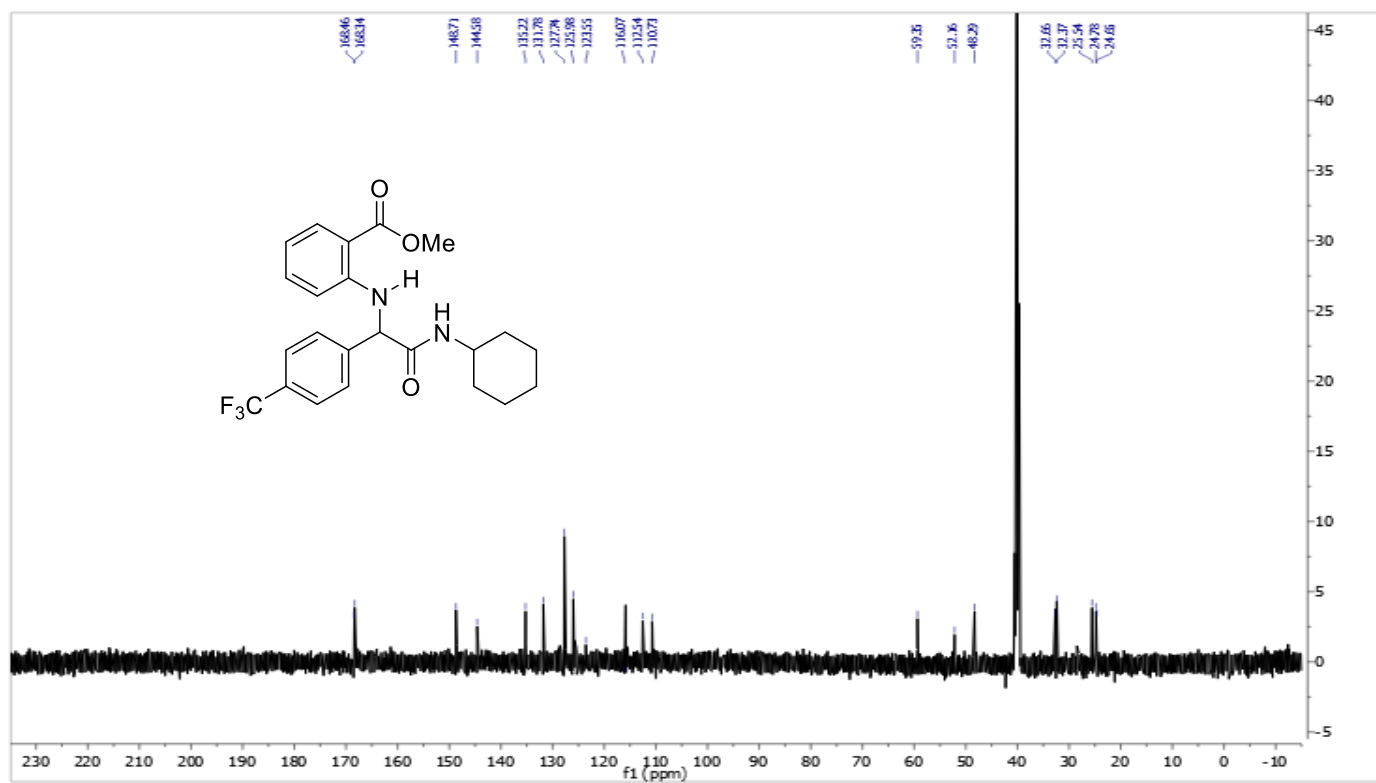


Figure 33. ^{13}C NMR spectrum (DMSO, 125MHz) (**5k**).

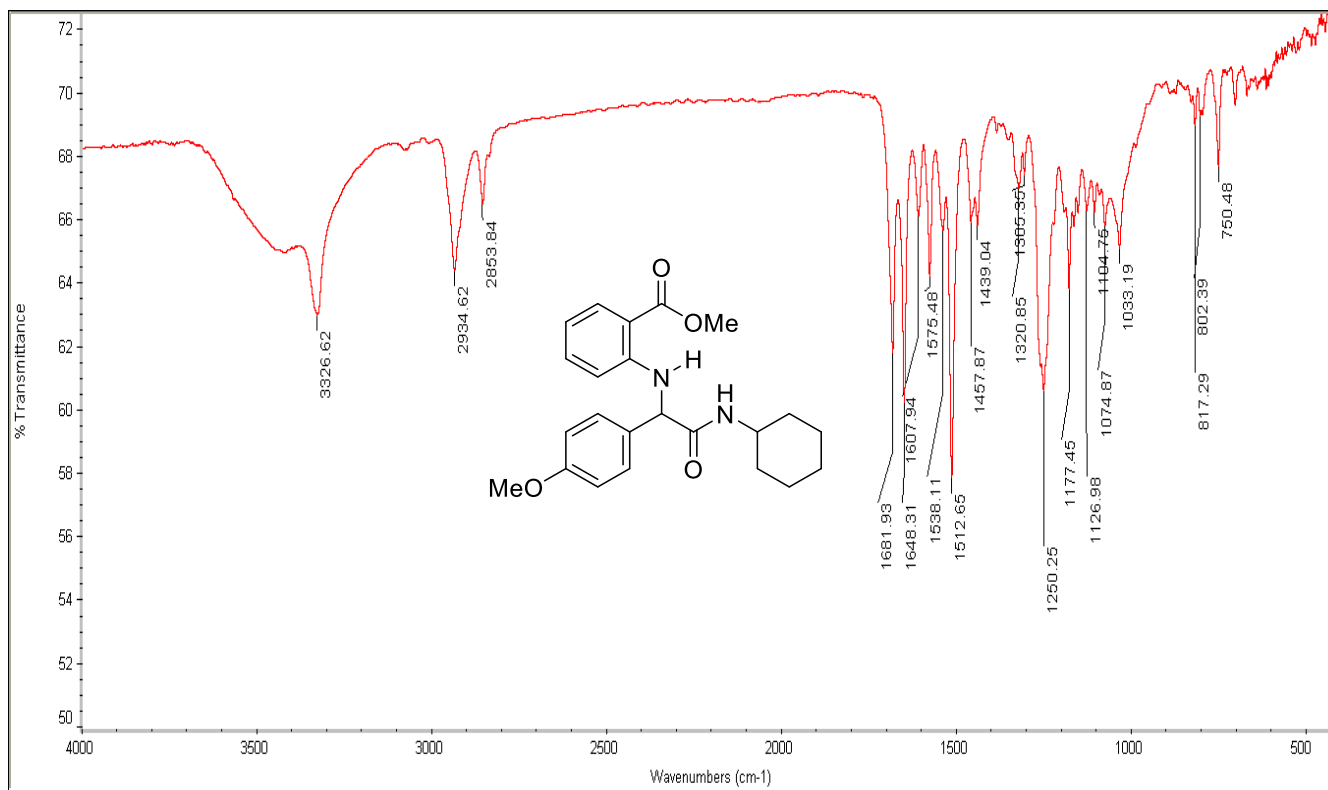


Figure 34. IR spectrum (KBr) ($\bar{\nu}_{\max}$, cm⁻¹) (5I).

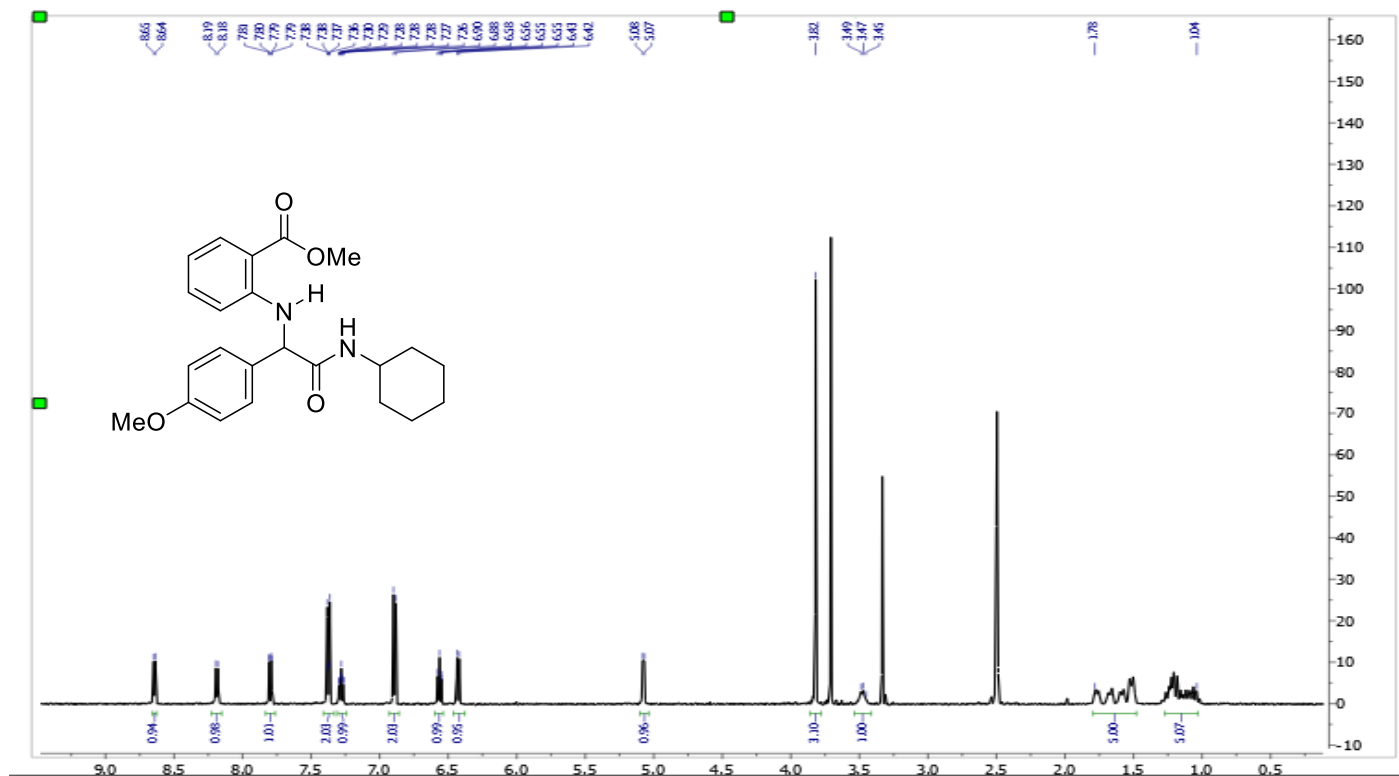


Figure 35. ¹H NMR spectrum (DMSO, 500 MHz) (5I).

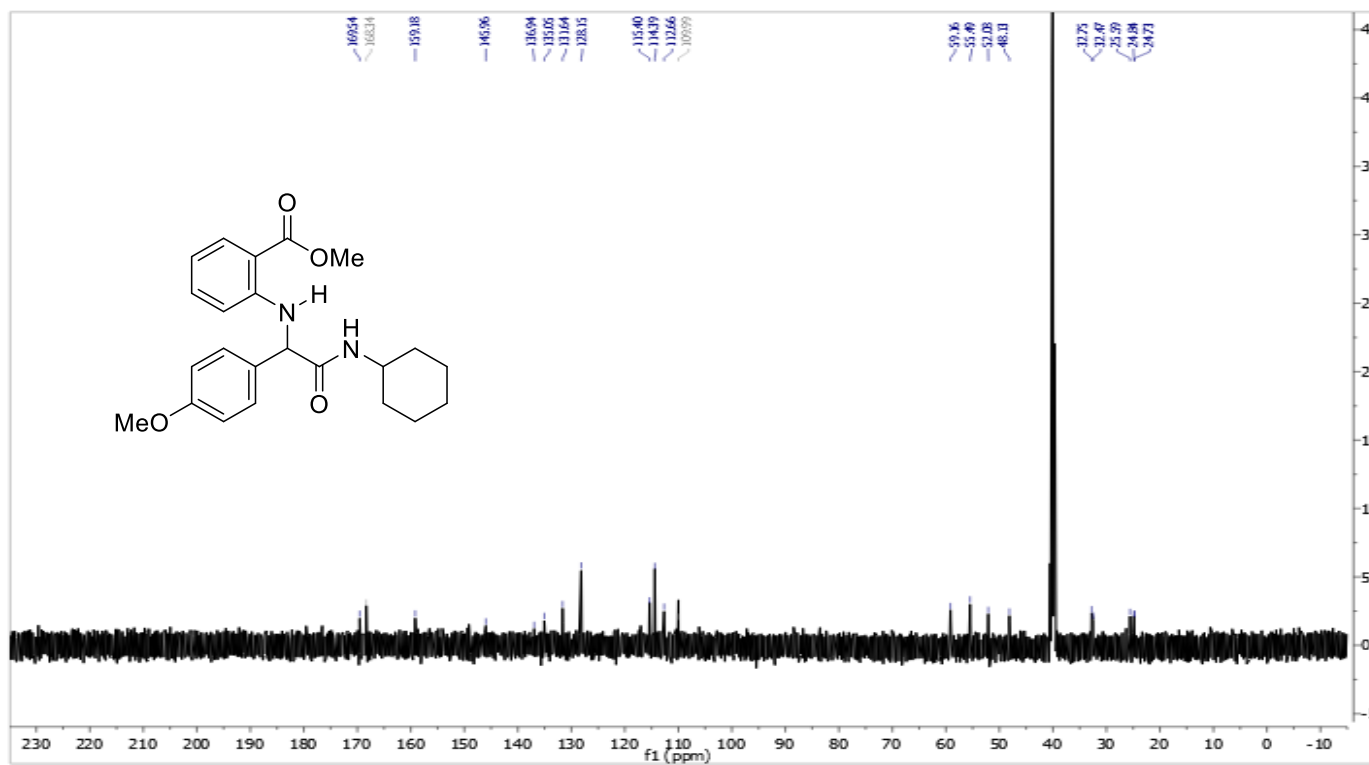


Figure 36. ¹³CNMR spectrum (DMSO, 125MHz) (5I).