

Supporting Information

Design and synthesis of supramolecular functional monomers bearing urea and norbornene motifs

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¹H NMR, ¹³C NMR and MS Spectra.

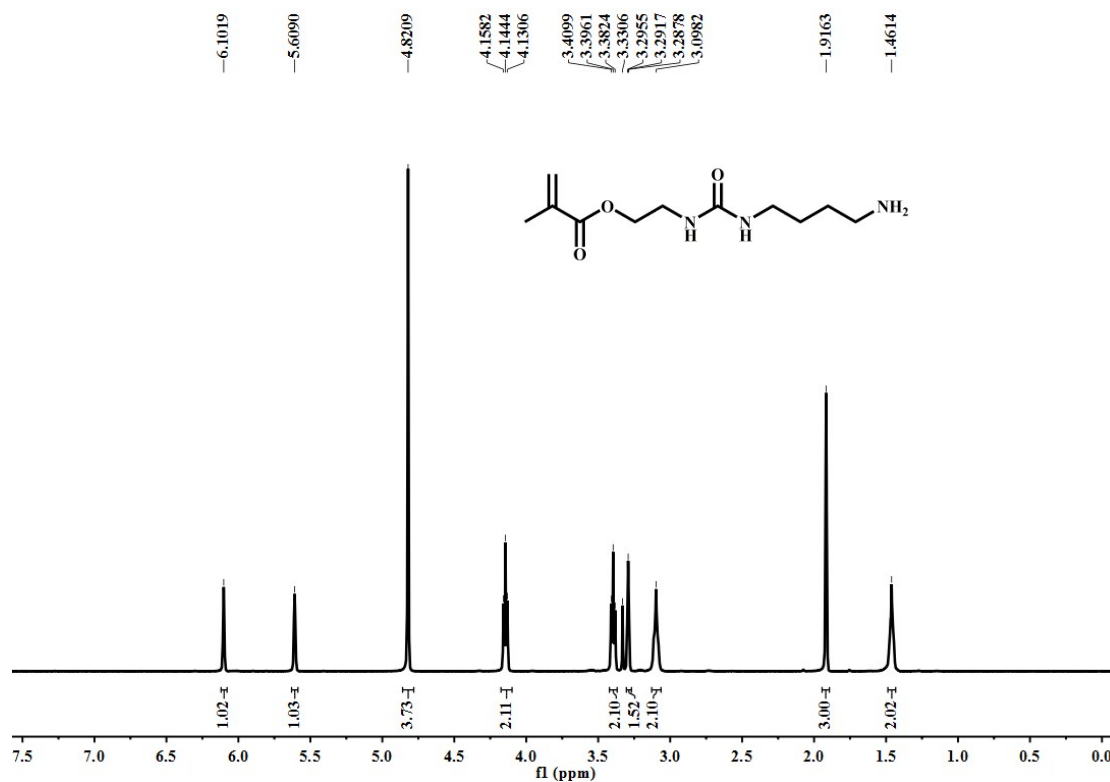


Figure S1. Compound 2a ¹H NMR (400 MHz, CD₃OD)

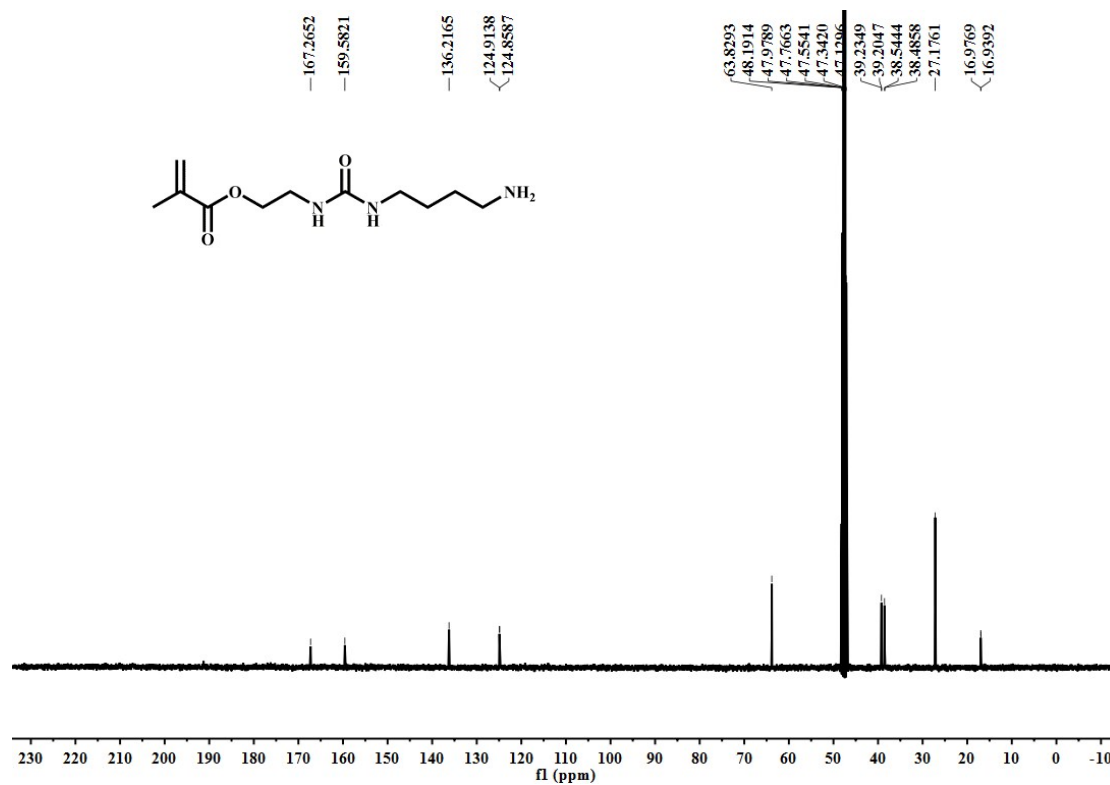


Figure S2. Compound 2a ¹³C NMR (400 MHz, CD₃OD)

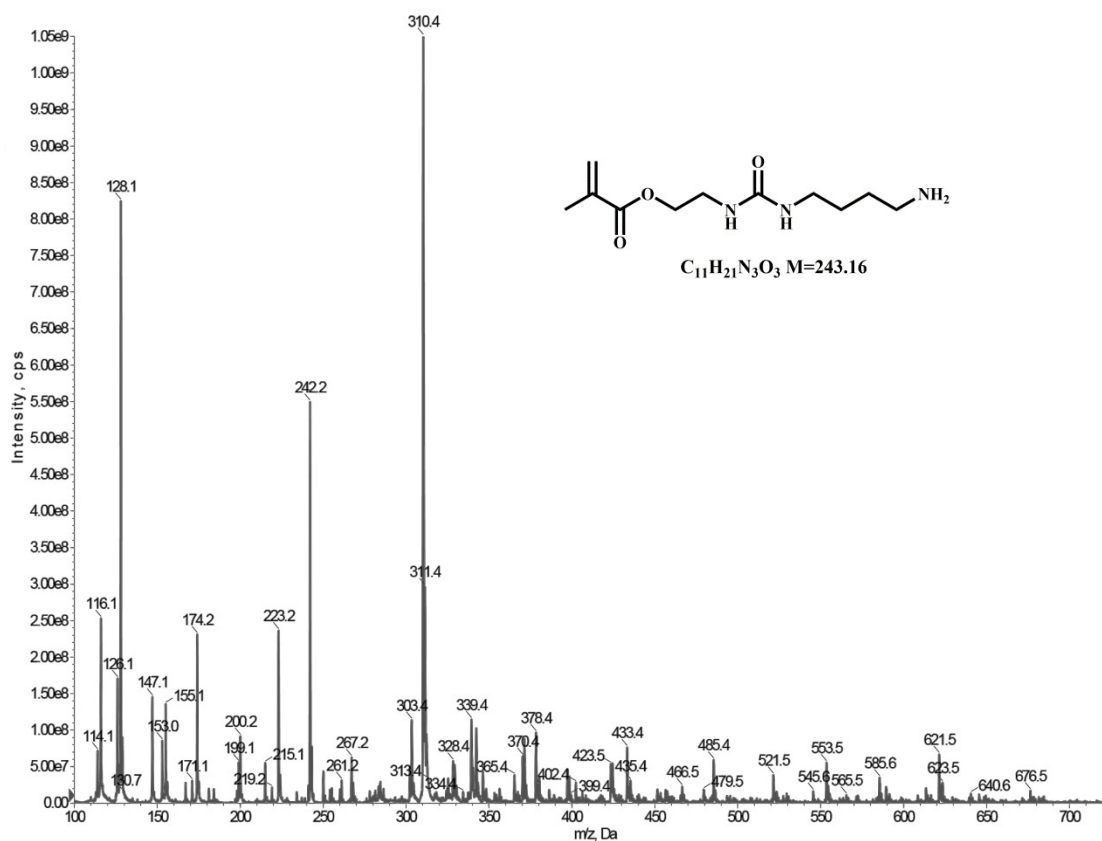


Figure S3. Compound 2a MS

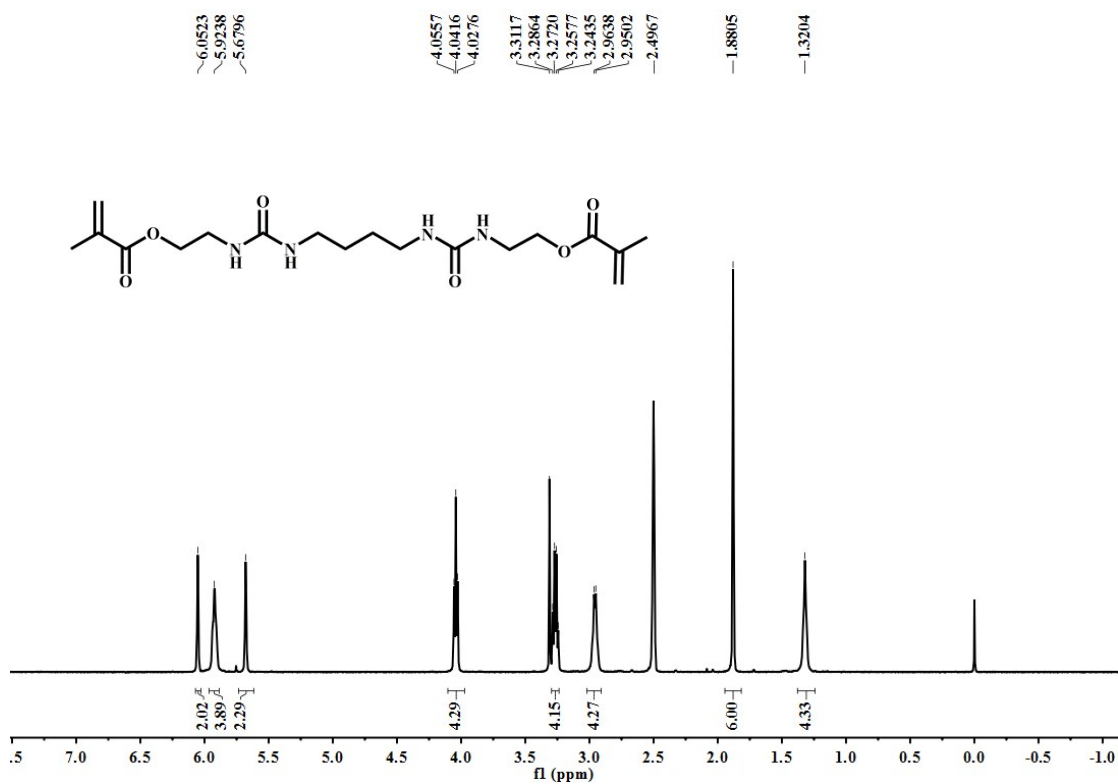


Figure S4. Compound 2c 1H NMR (400 MHz, DMSO- d_6)

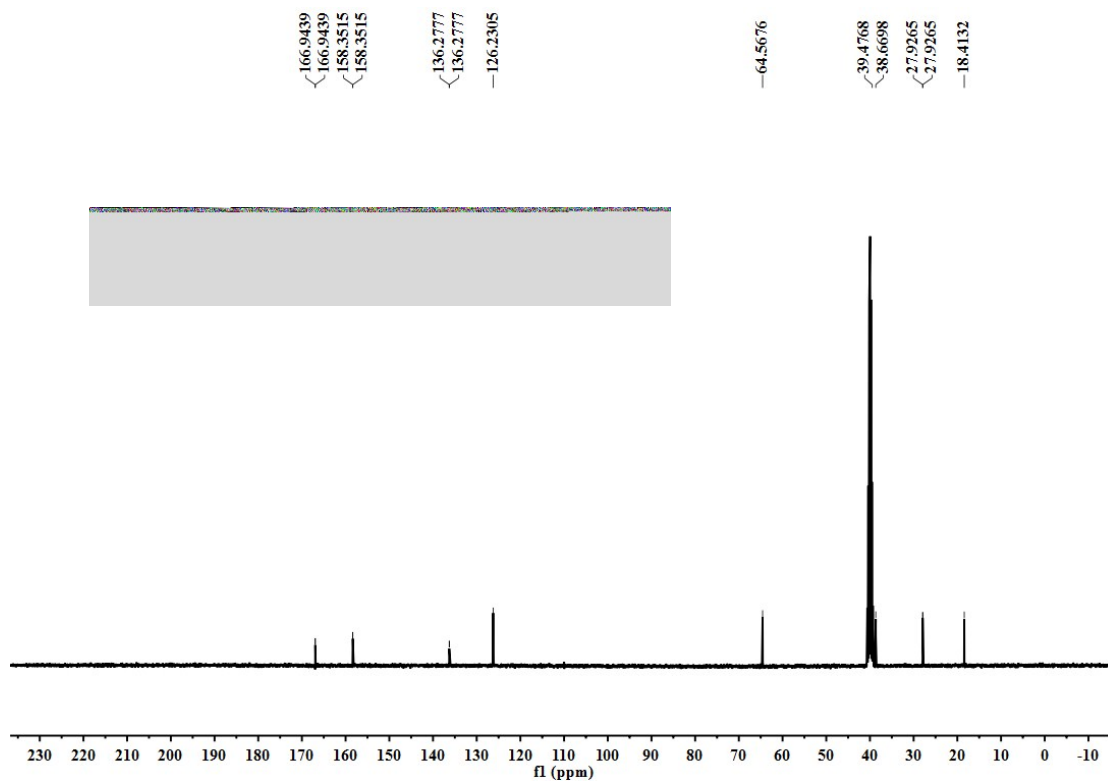


Figure S5. Compound 2c ^{13}C NMR (400 MHz, DMSO-d_6)

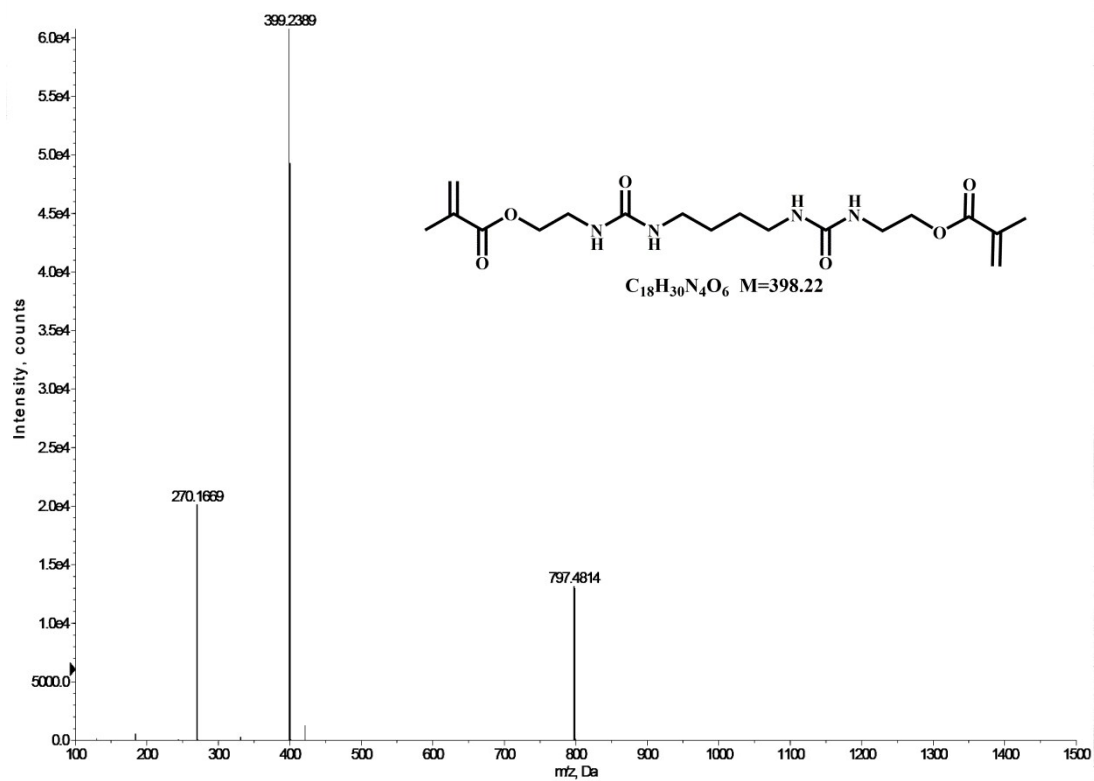


Figure S6. Compound 2c MS

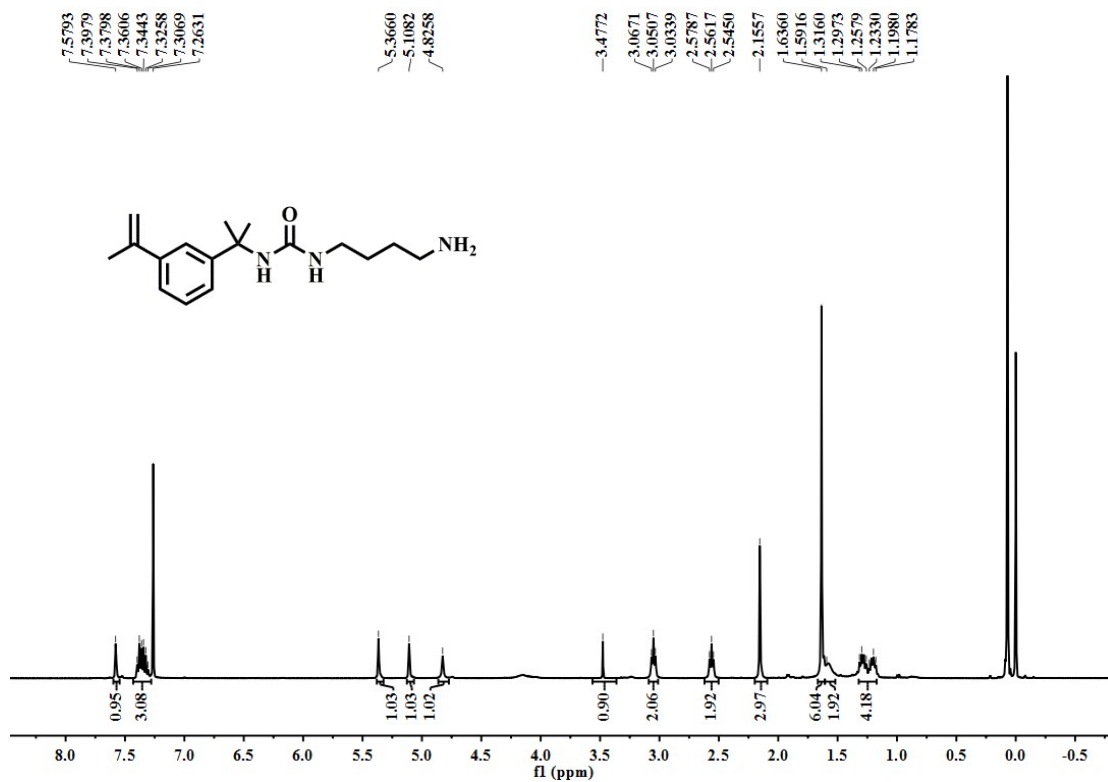


Figure S7. Compound 2b ¹H NMR (400 MHz, CDCl₃)

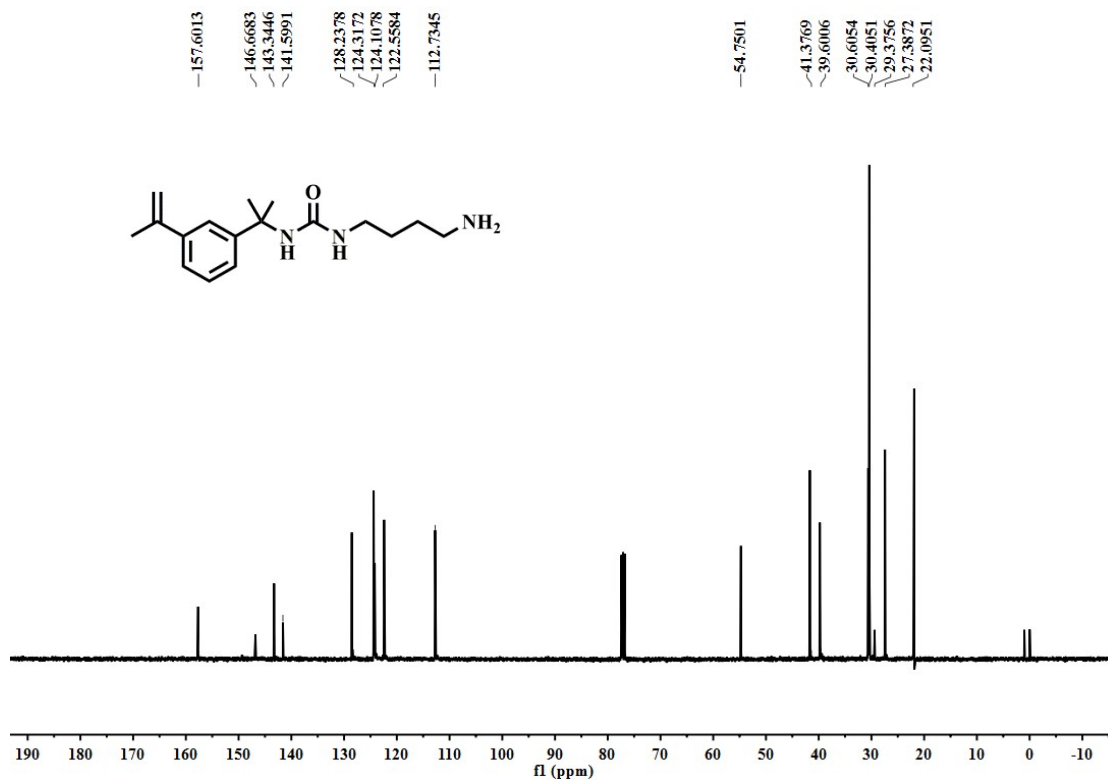


Figure S8. Compound 2b ¹³C NMR (400 MHz, CDCl₃)

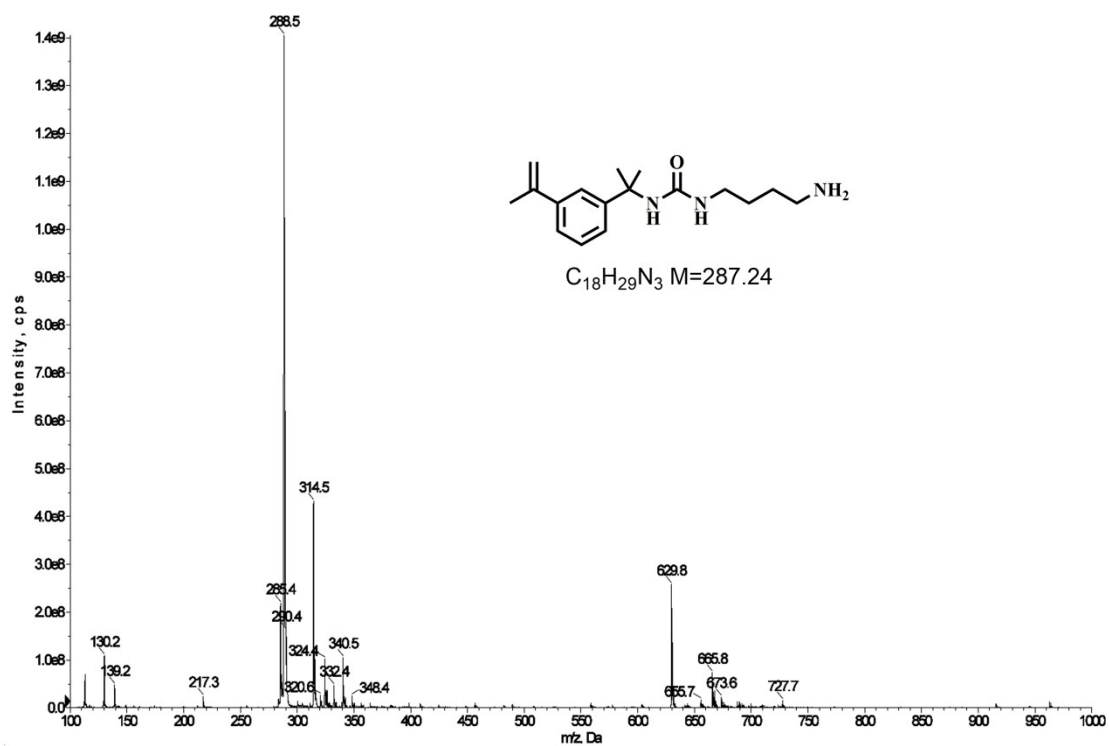


Figure S9. Compound 2b MS

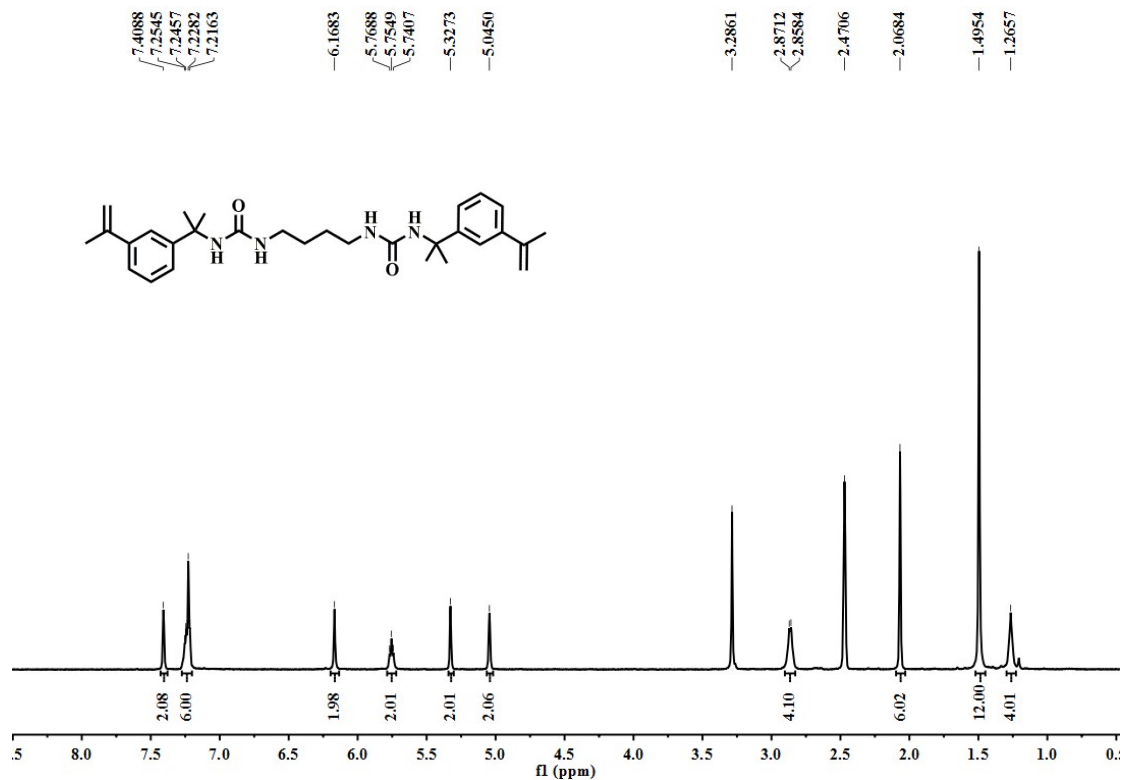


Figure S10. Compound 2d 1H NMR (400 MHz, DMSO- d_6)

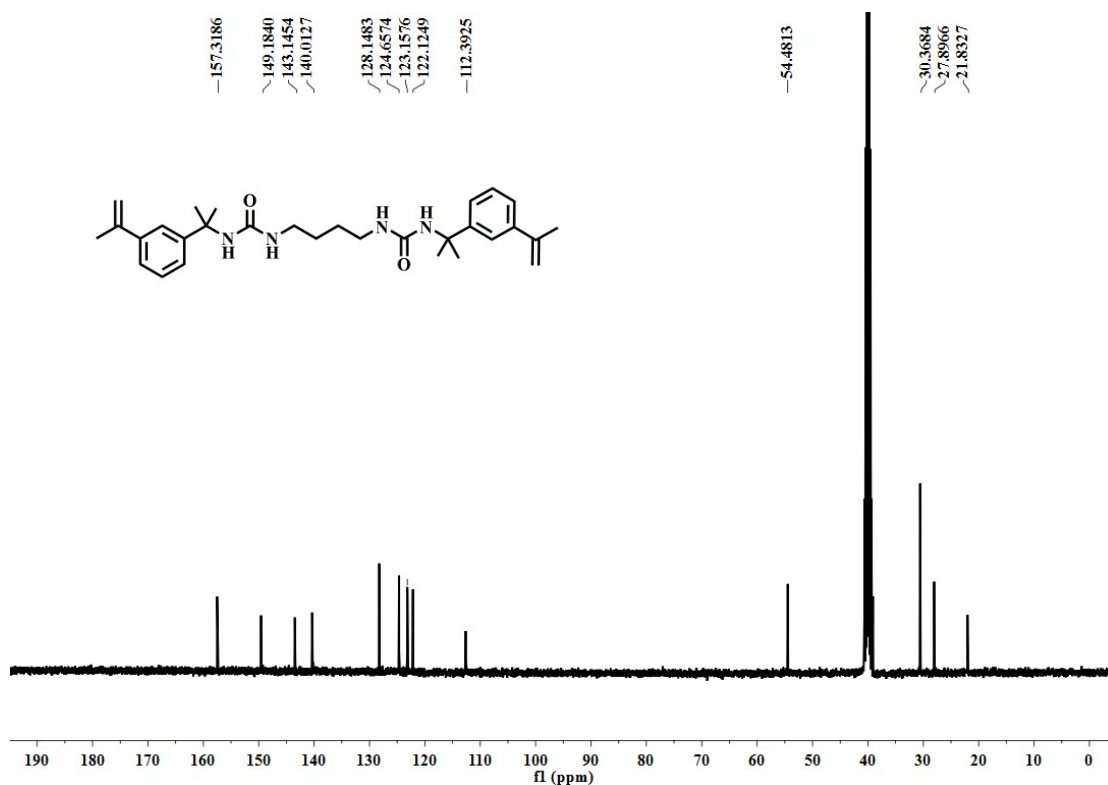


Figure S11. Compound 2d ¹³C NMR (400 MHz, DMSO-d₆)

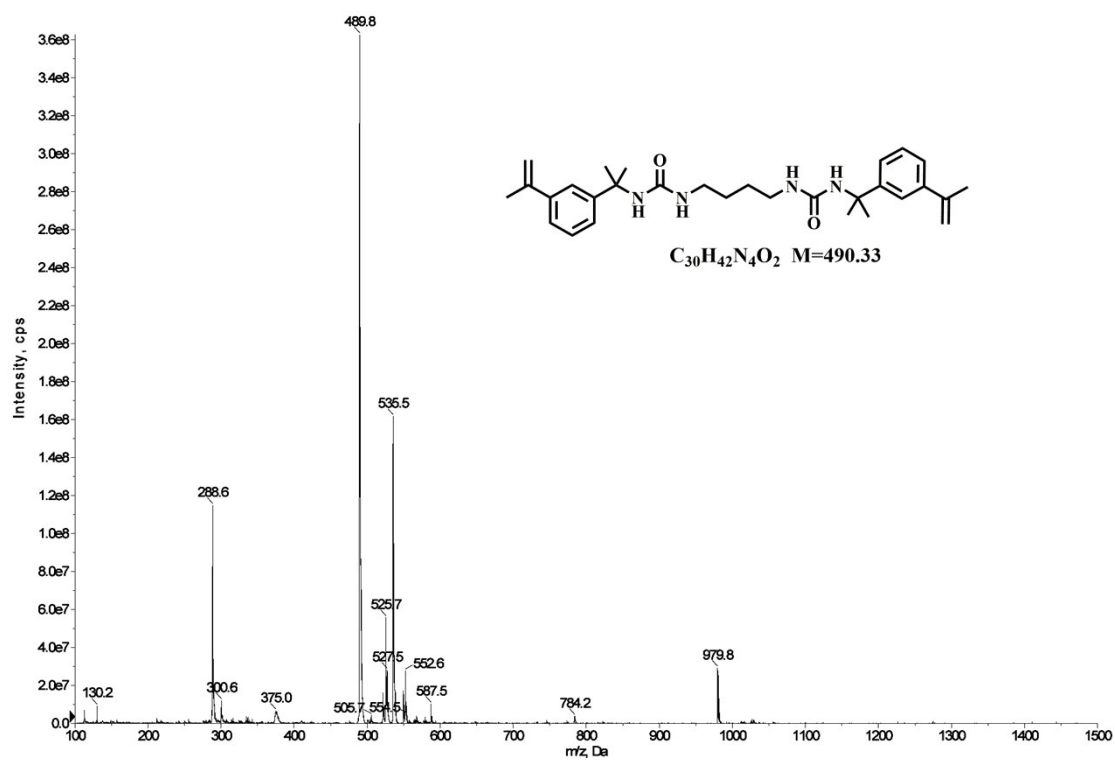


Figure S12. Compound 2d MS

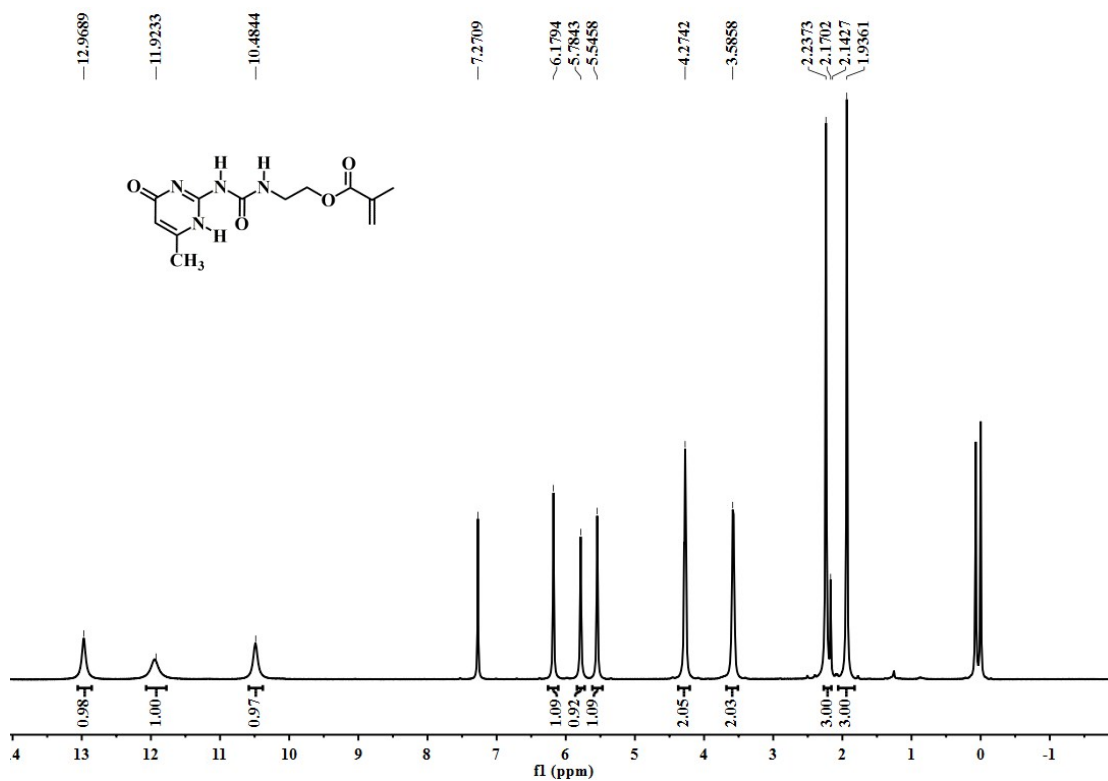


Figure S13. Compound 3a ¹H NMR (400 MHz, CDCl₃)

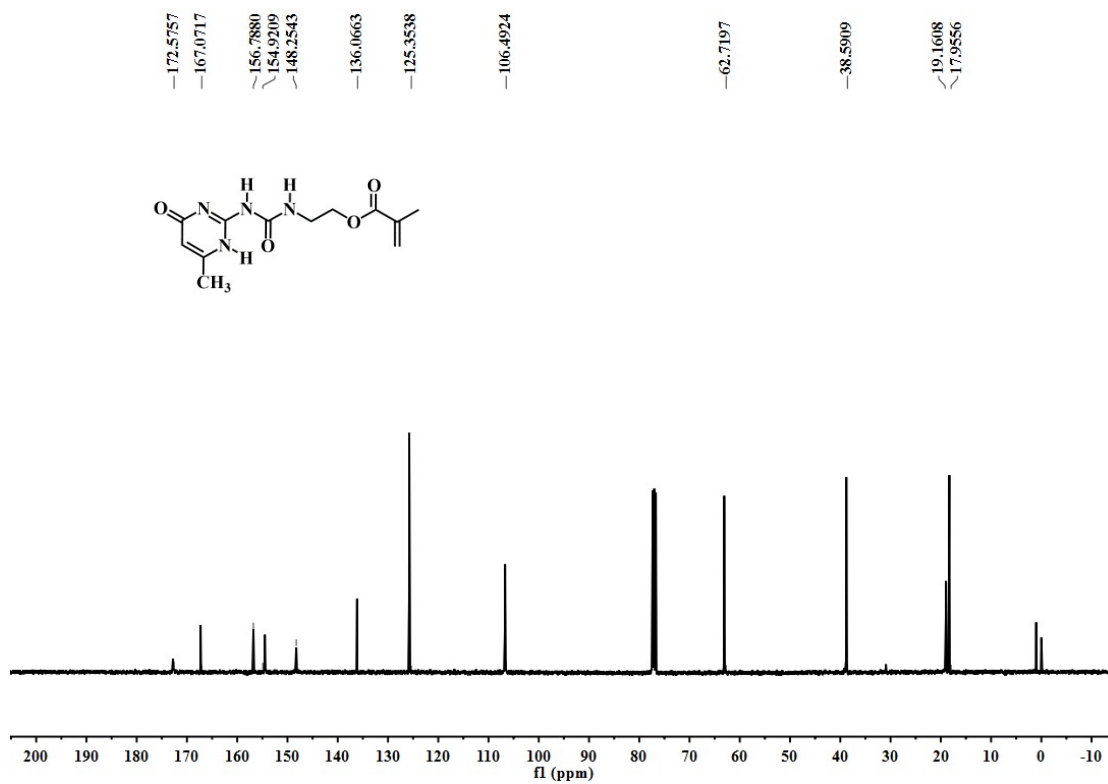


Figure S14. Compound 3a ¹³C NMR (400 MHz, CDCl₃)

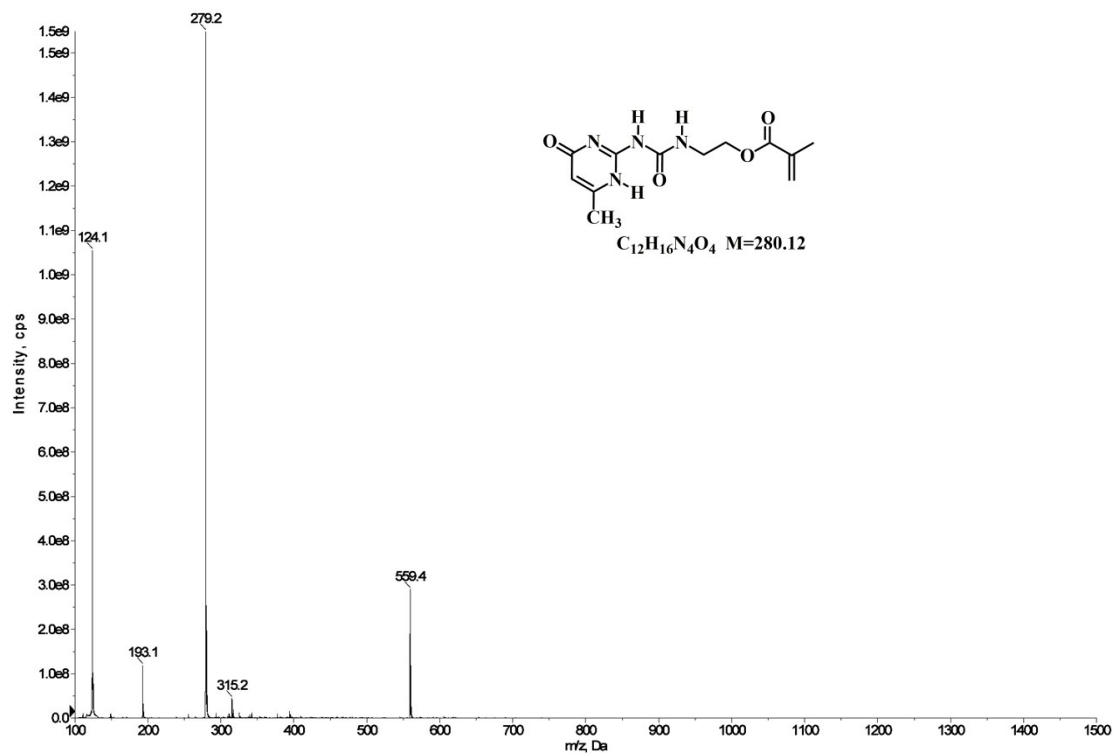


Figure S15. Compound 3a MS

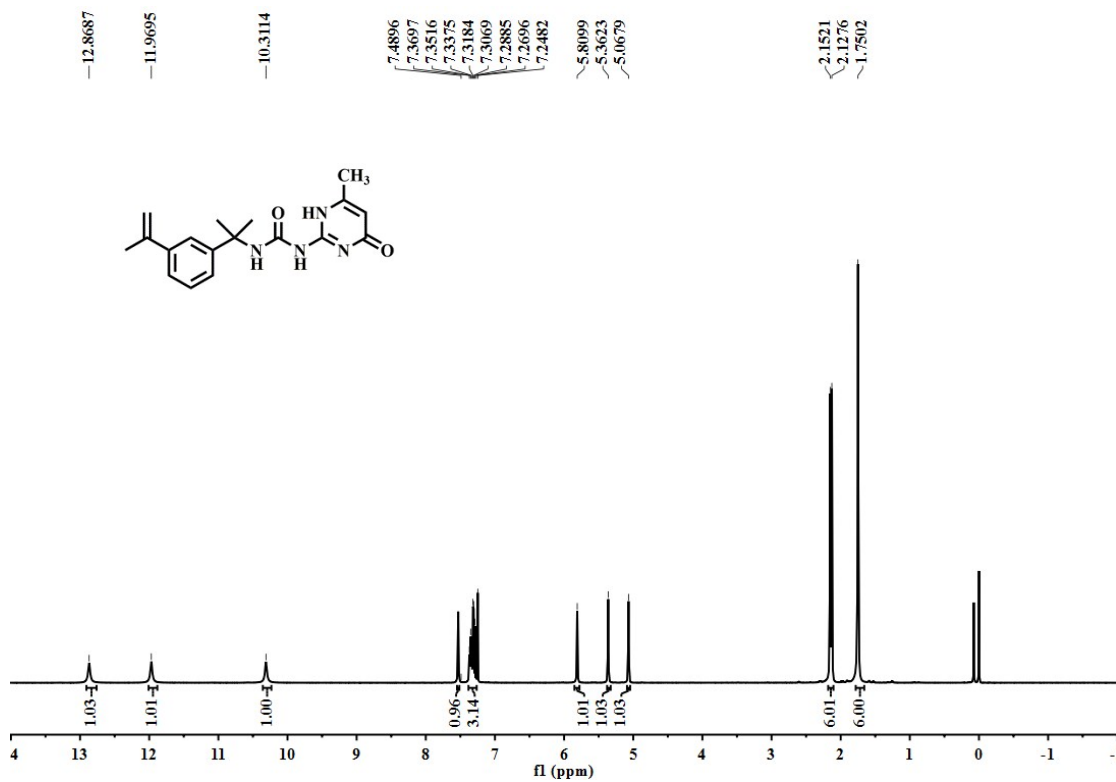
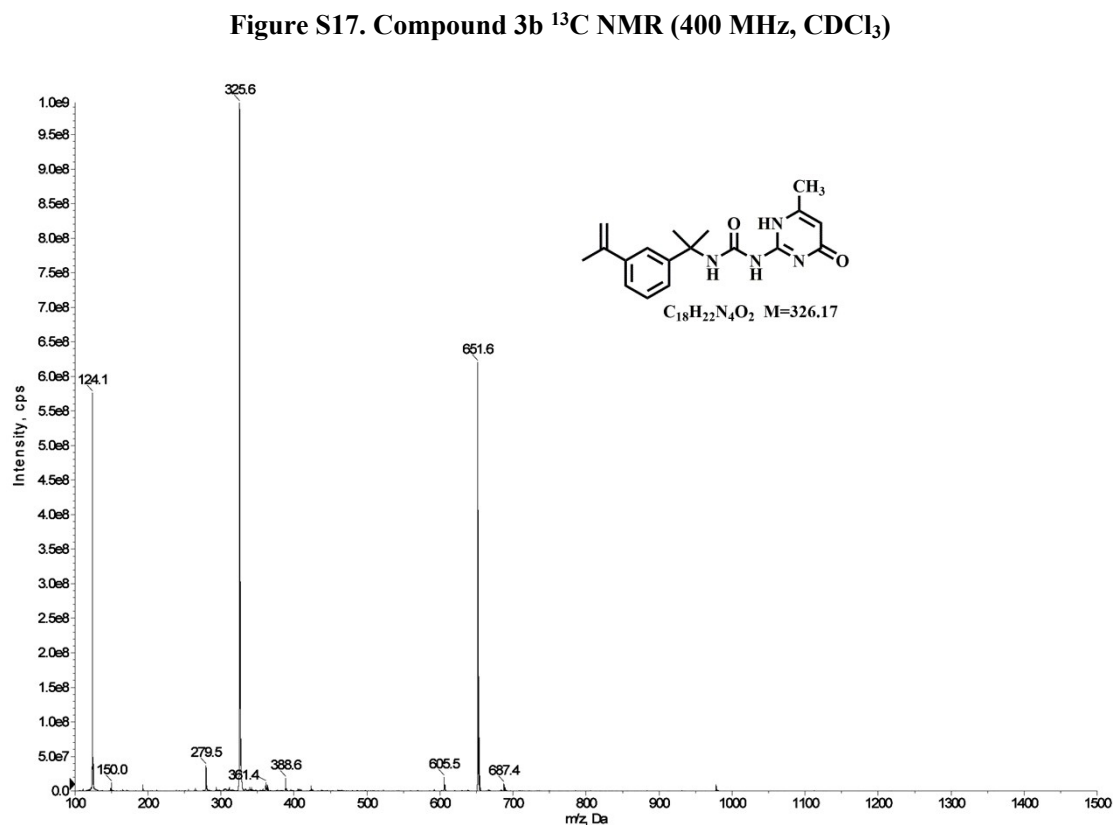
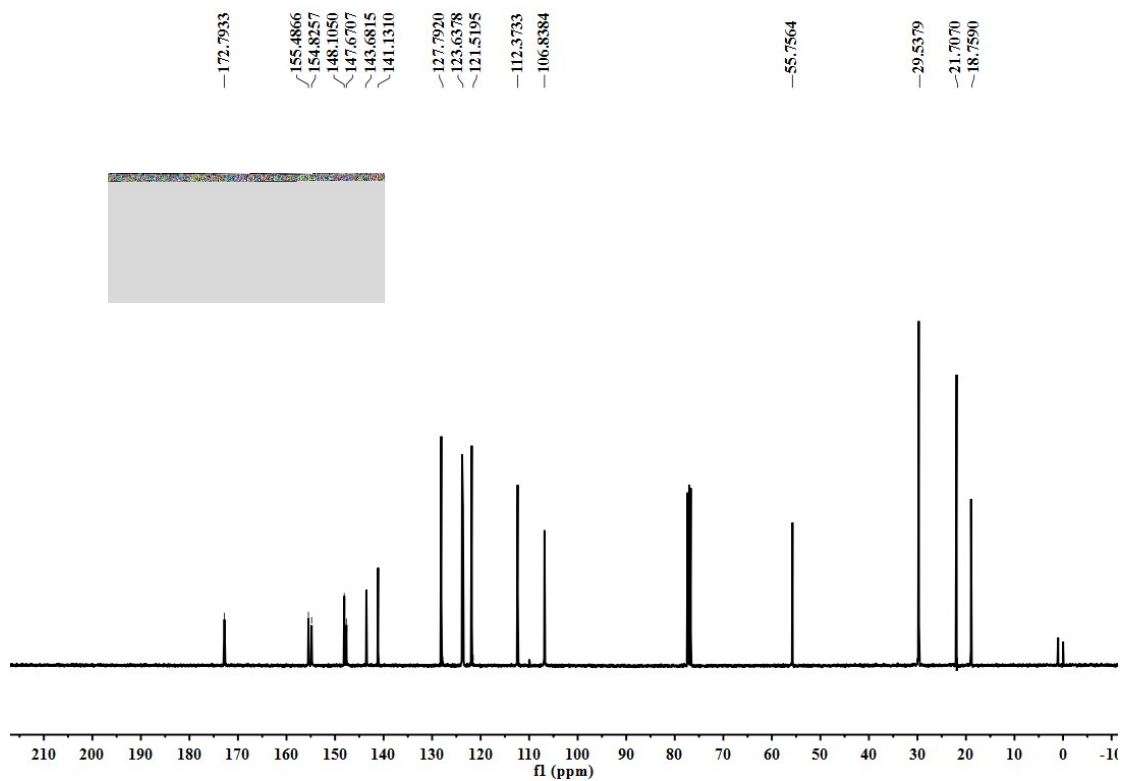


Figure S16. Compound 3b 1H NMR (400 MHz, $CDCl_3$)



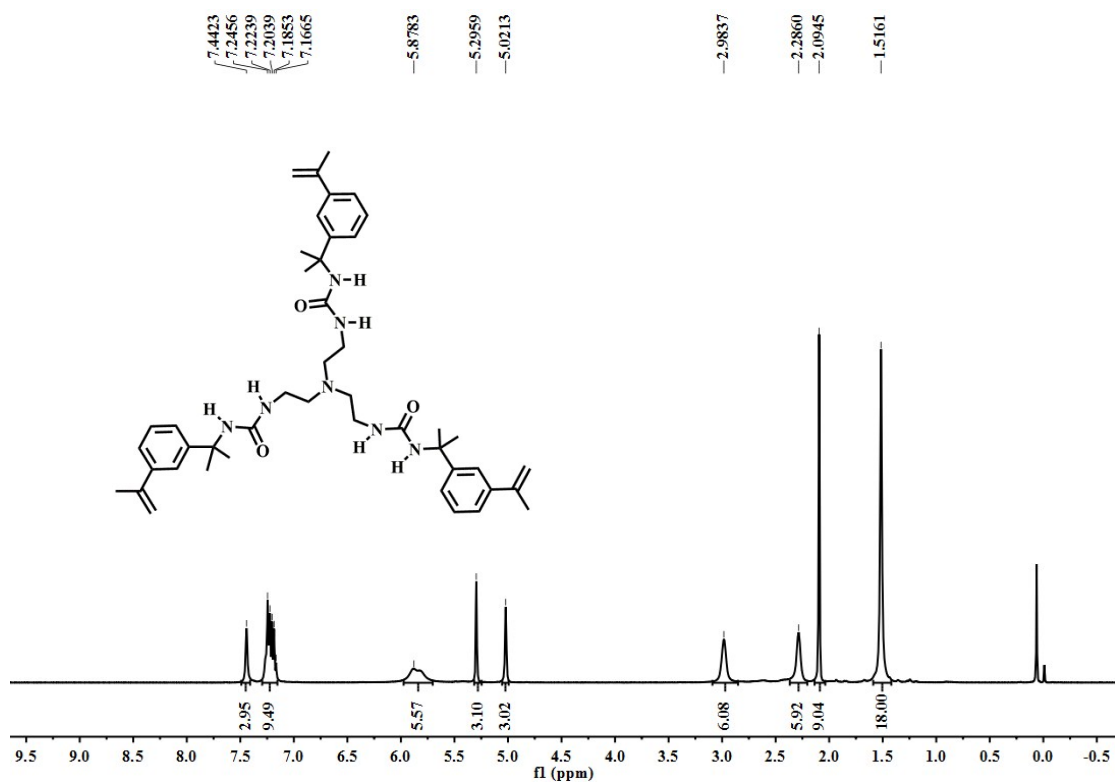


Figure S19. Compound 4 ^1H NMR (400 MHz, CDCl_3)

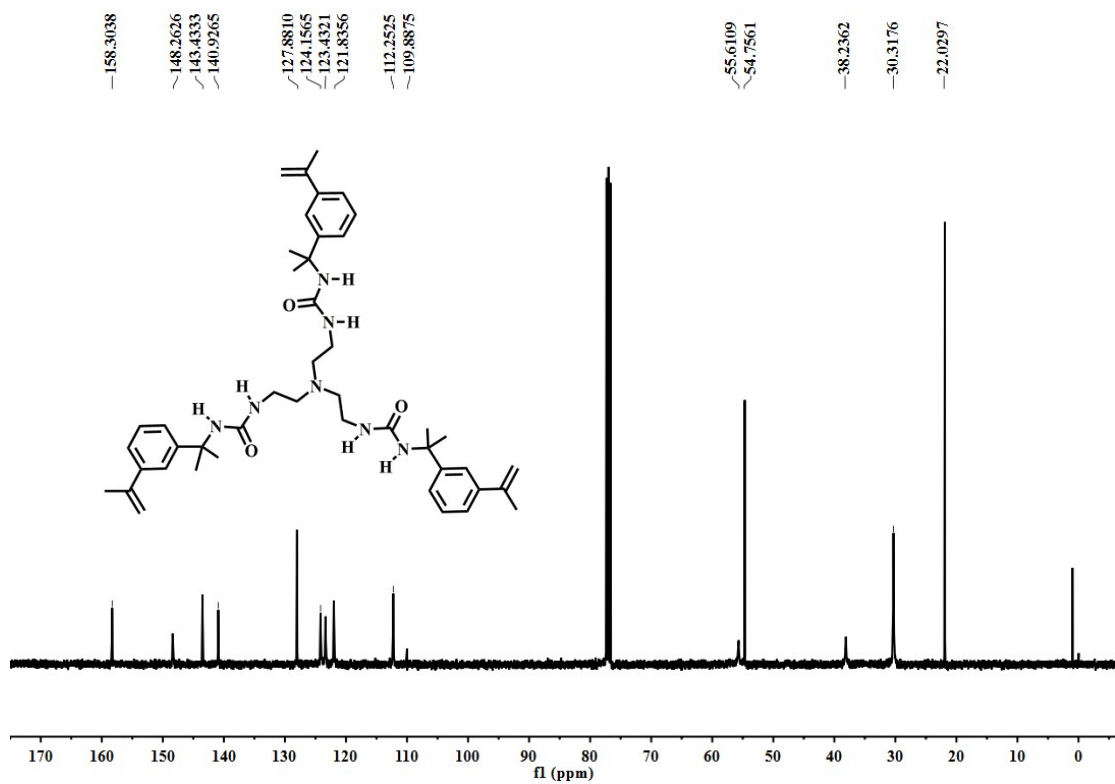
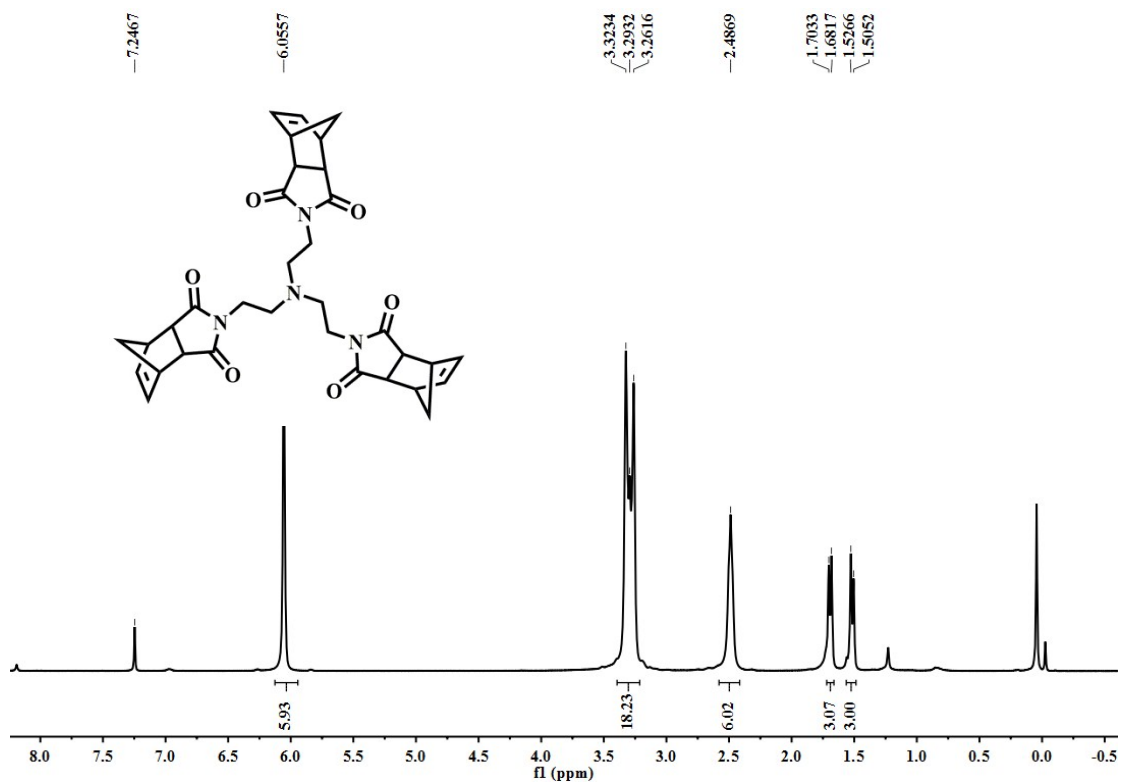
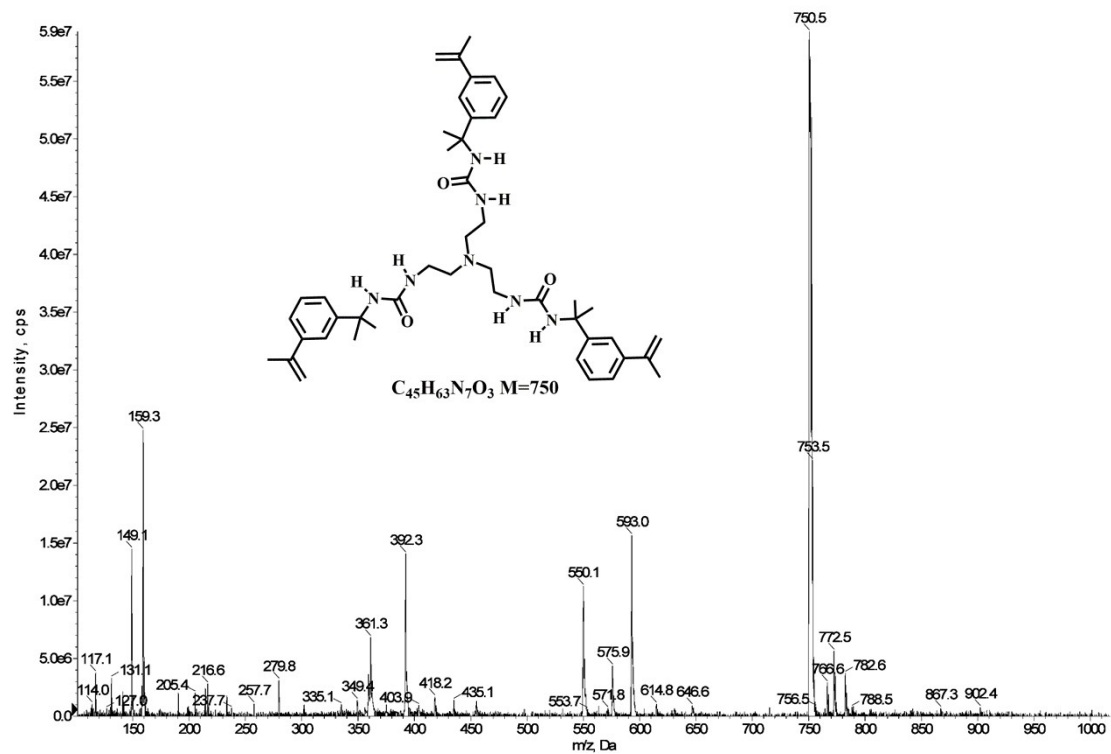


Figure S20. Compound 4 ^{13}C NMR (400 MHz, CDCl_3)



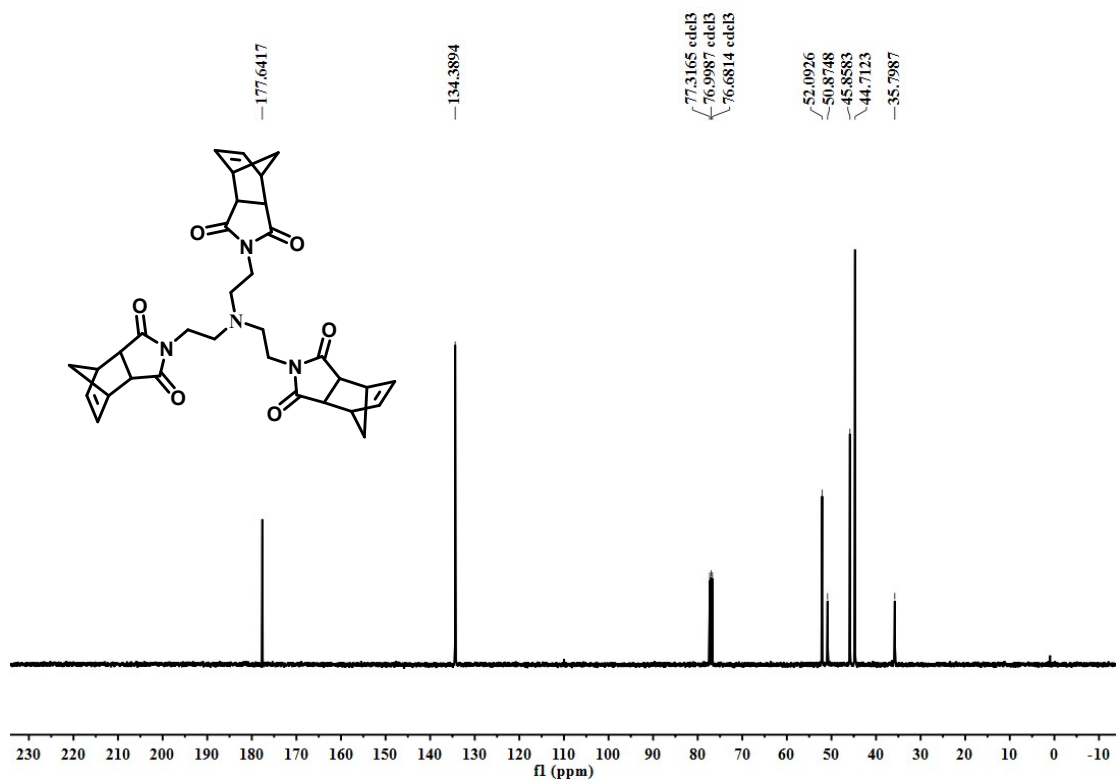


Figure S23. Compound 5 ¹³C NMR (400 MHz, CDCl₃)

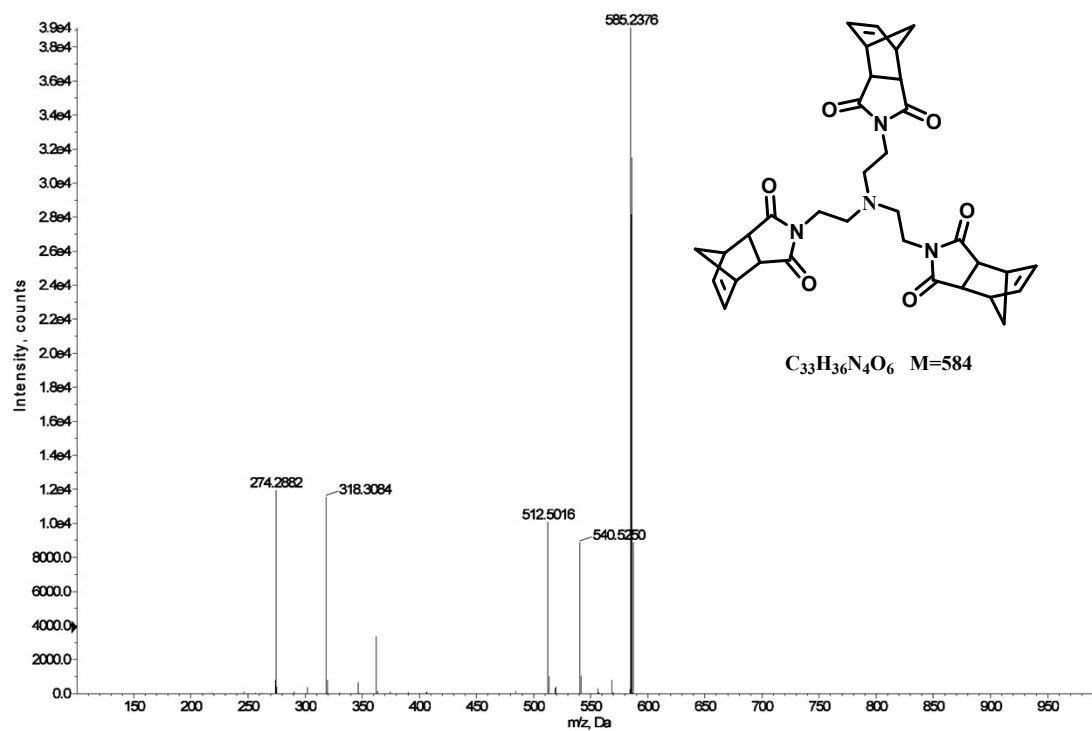


Figure S24. Compound 5 MS

Adsorption kinetic of BHA/BHT

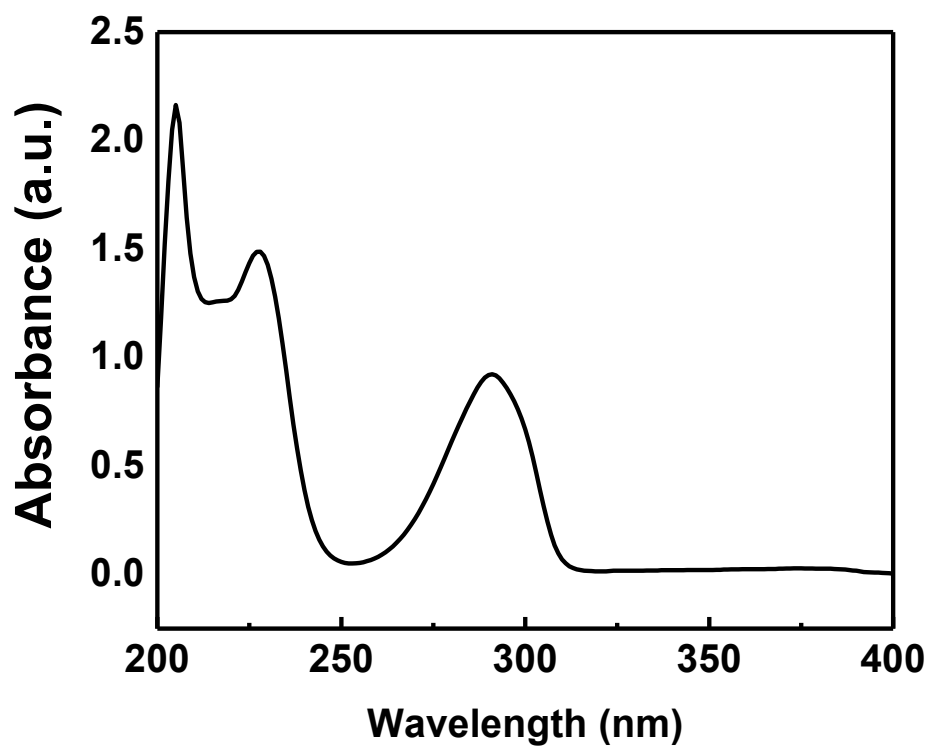


Figure S25 UV spectrum of 50 mg L⁻¹ BHA solution in methanol

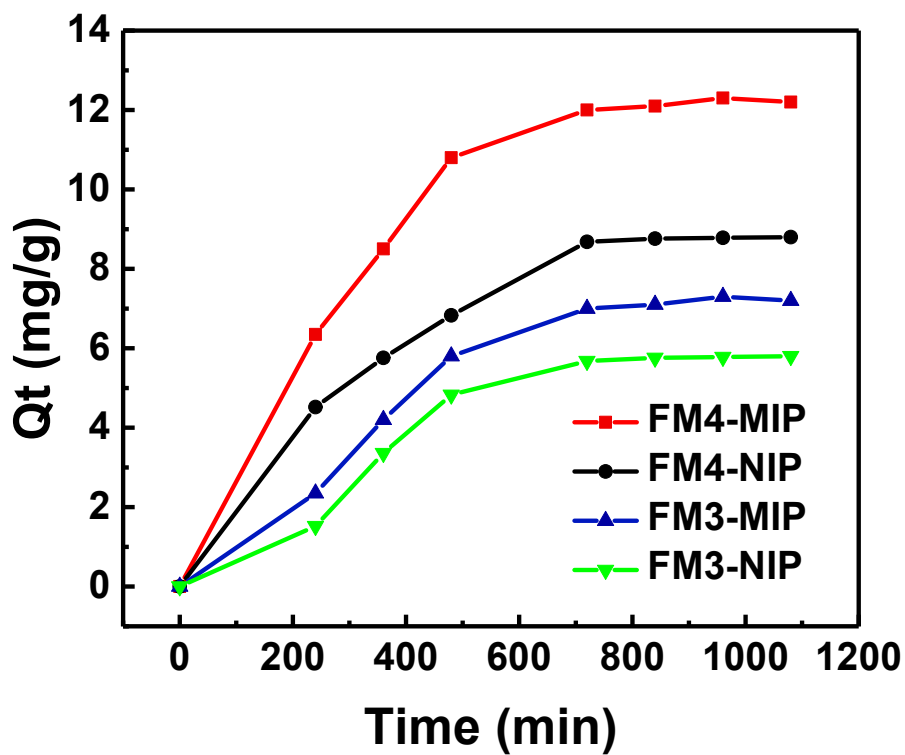


Figure S26 Adsorption kinetic curves for BHA of MIP and NIP

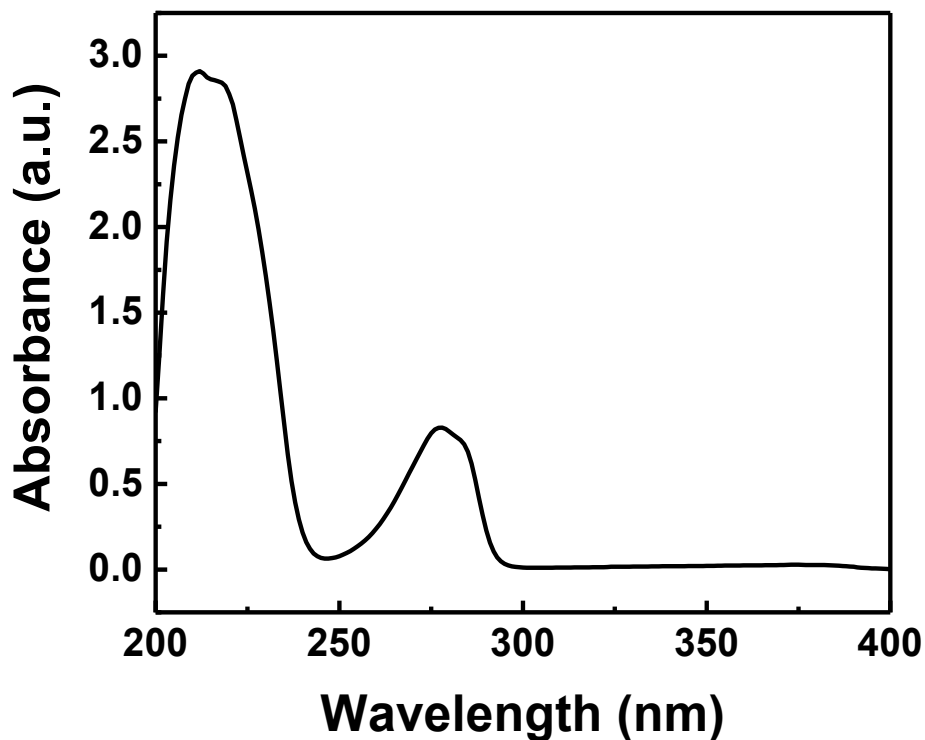


Figure S27 UV spectrum of 100 mg L⁻¹ BHT solution in methanol

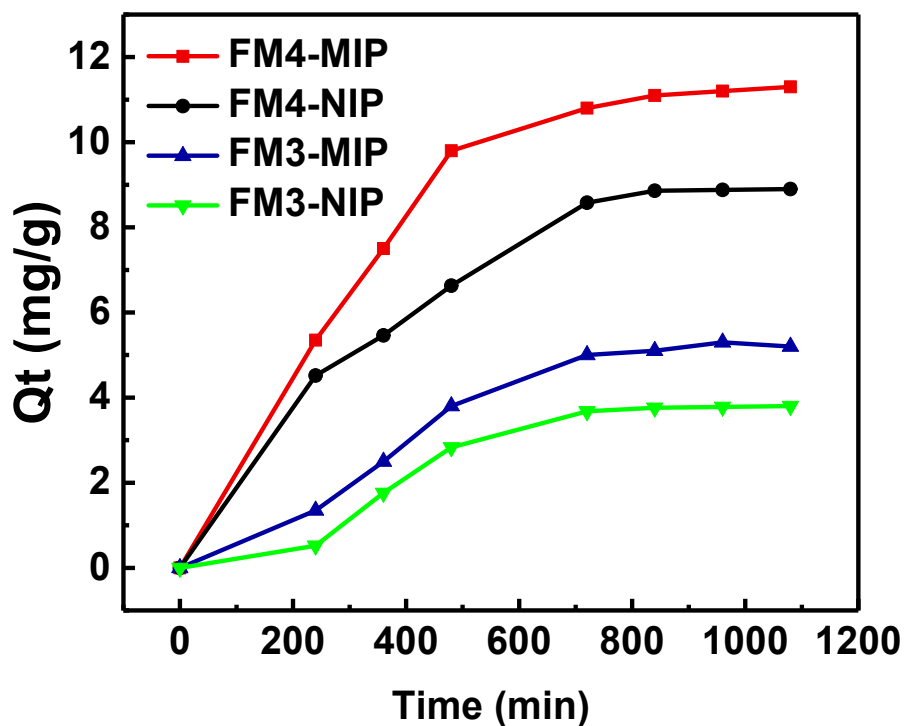


Figure S28 Adsorption kinetic curves for BHT of MIP and NIP