

Supporting Information

Synthesis and Antioxidant Activities of Berberine 9-*O*- benzoic Acid Derivatives

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Supporting Information relating to this article is available online, alongside **Figure S1-S48**.

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Appended drawings

Mass spectrum

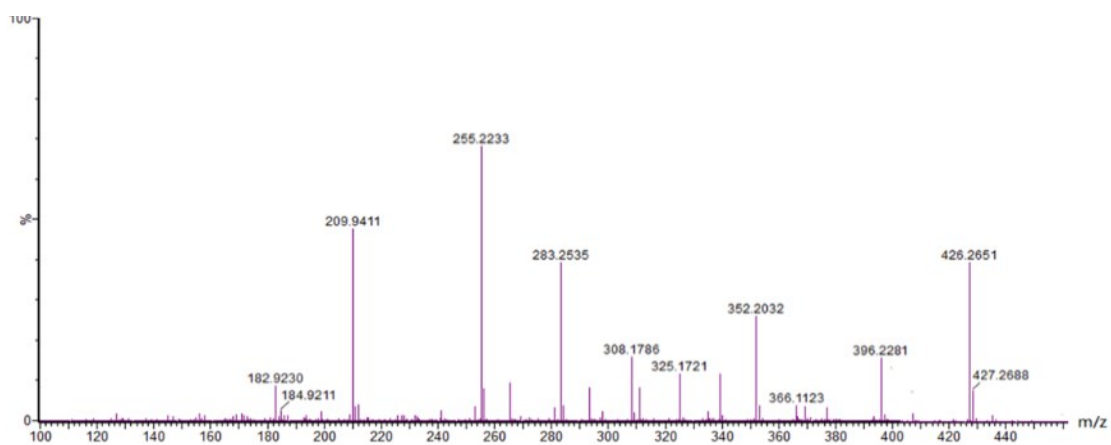


Figure S1. Mass spectrum of compound **8a**



Figure S2. Mass spectrum of compound **8b**



Figure S3. Mass spectrum of compound **8c**

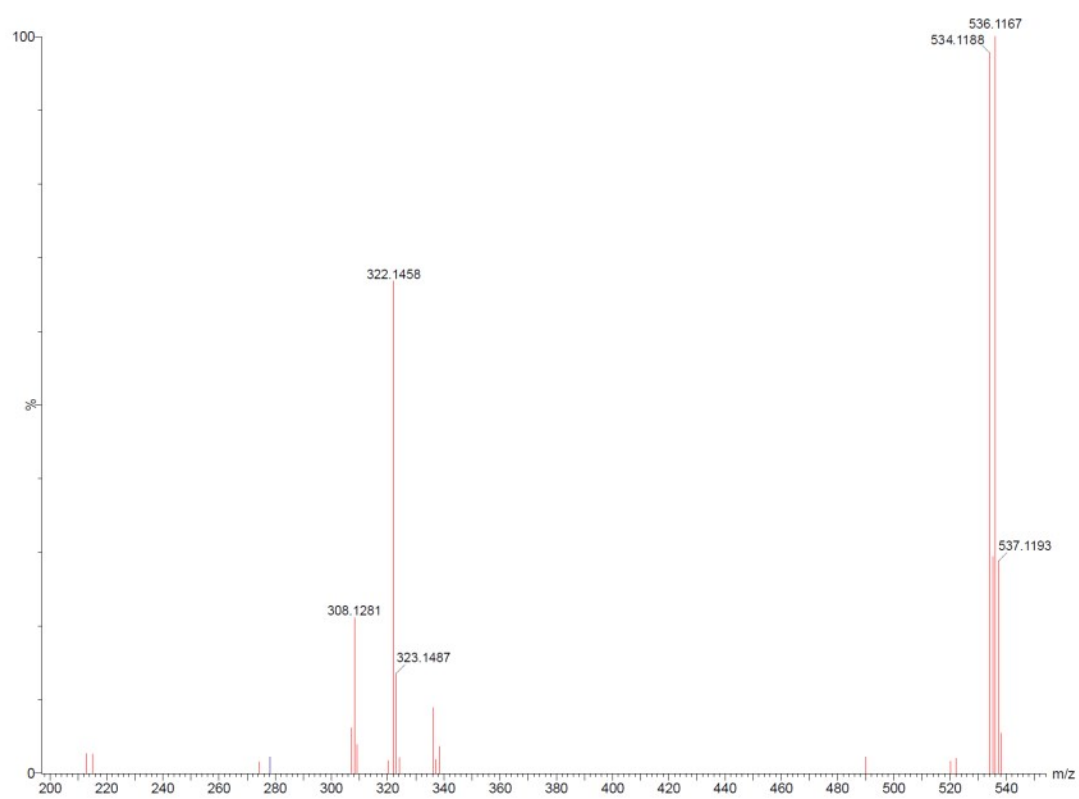


Figure S4. Mass spectrum of compound **8d**



Figure S5. Mass spectrum of compound **8e**

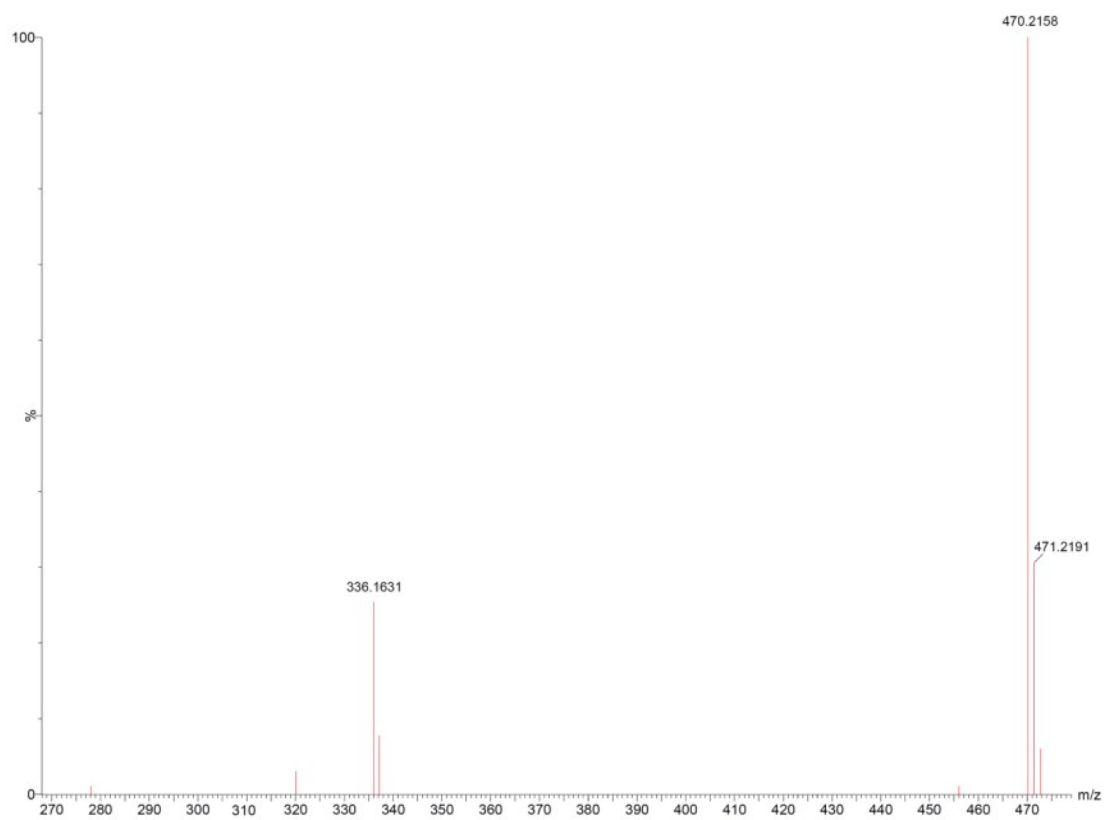


Figure S6. Mass spectrum of compound **8f**

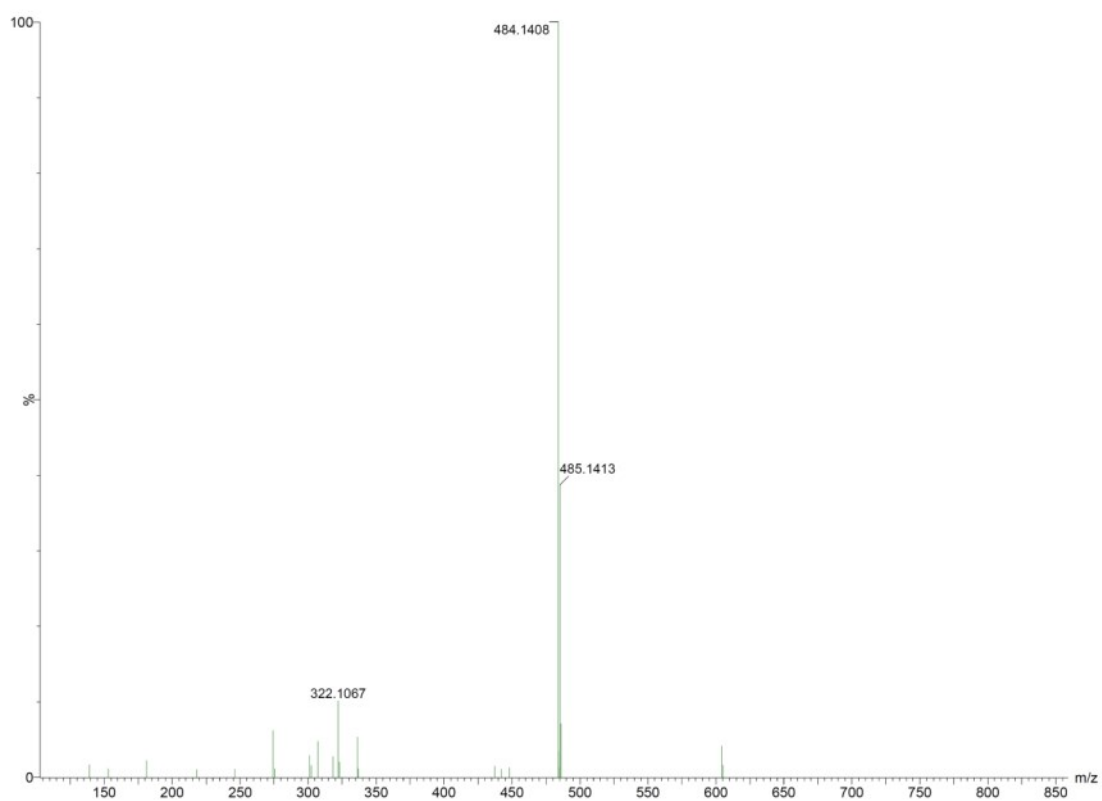


Figure S7. Mass spectrum of compound **8g**

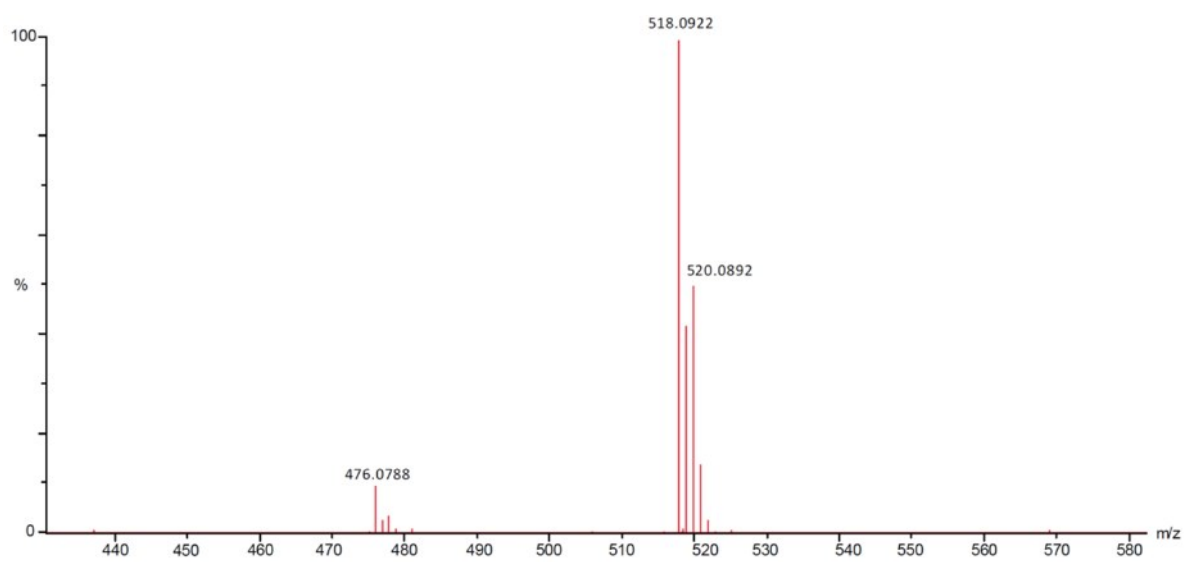


Figure S8. Mass spectrum of compound **8h**

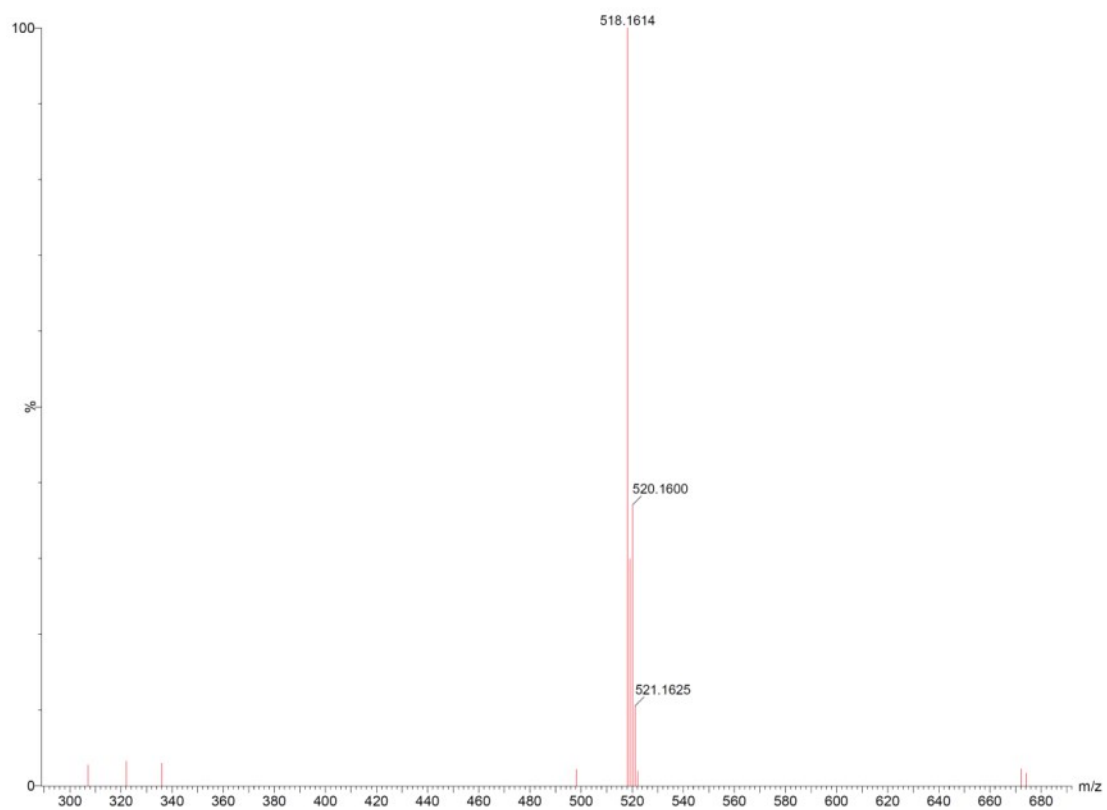


Figure S9. Mass spectrum of compound **8i**

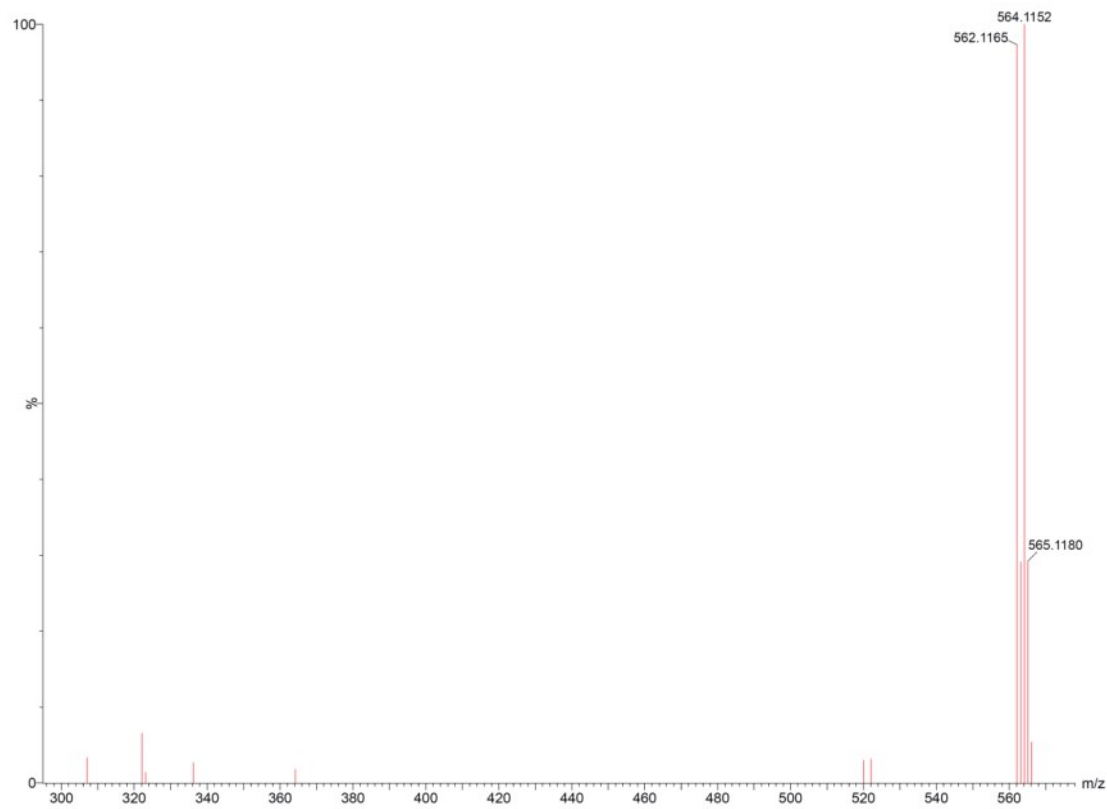


Figure S10. Mass spectrum of compound **8j**

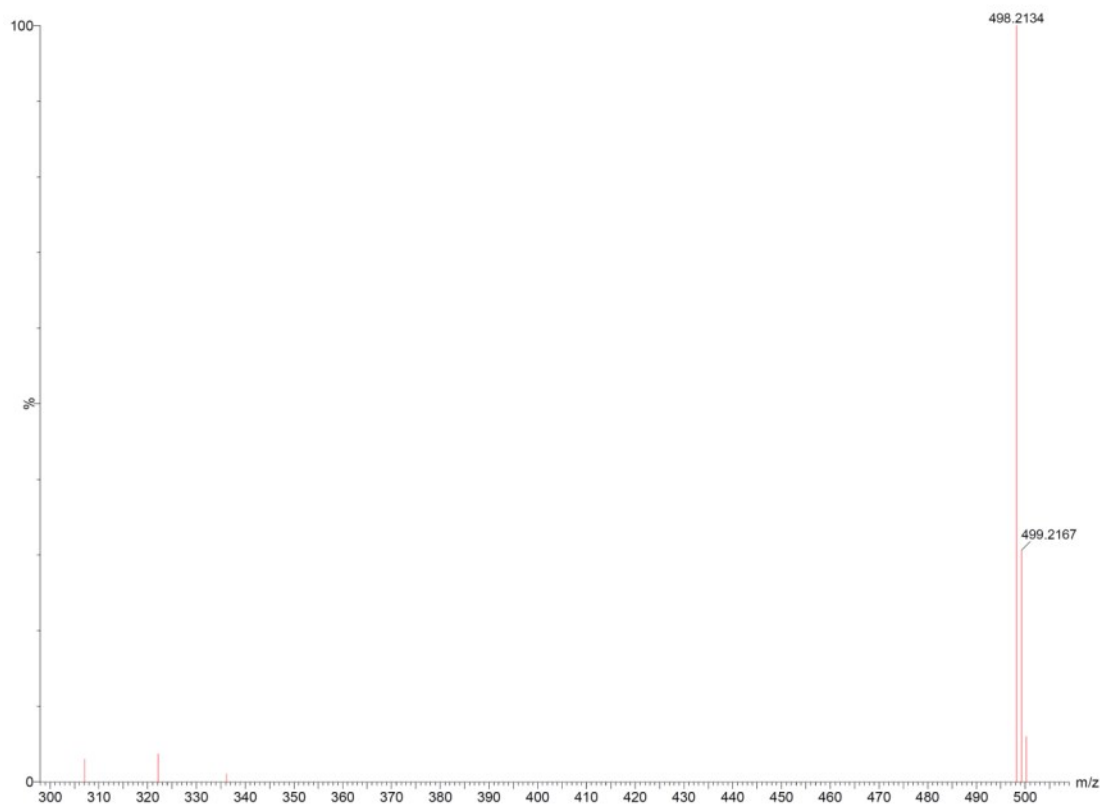


Figure S11. Mass spectrum of compound **8k**

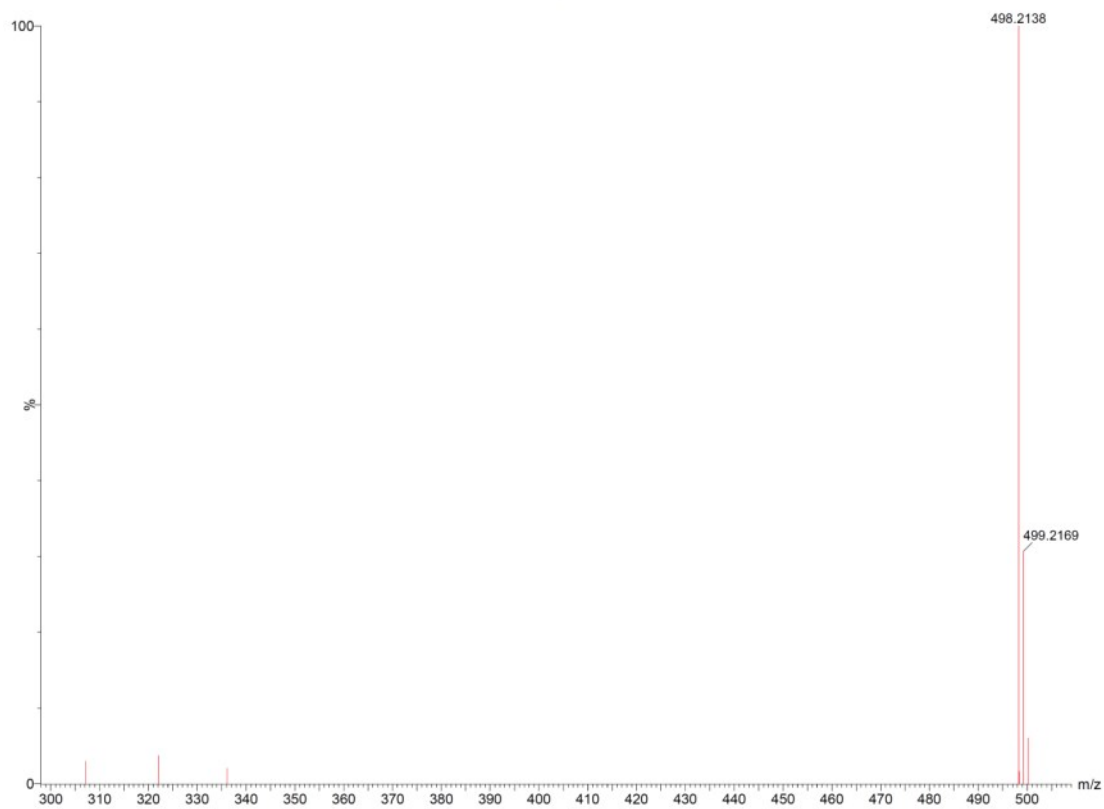


Figure S12. Mass spectrum of compound **8l**

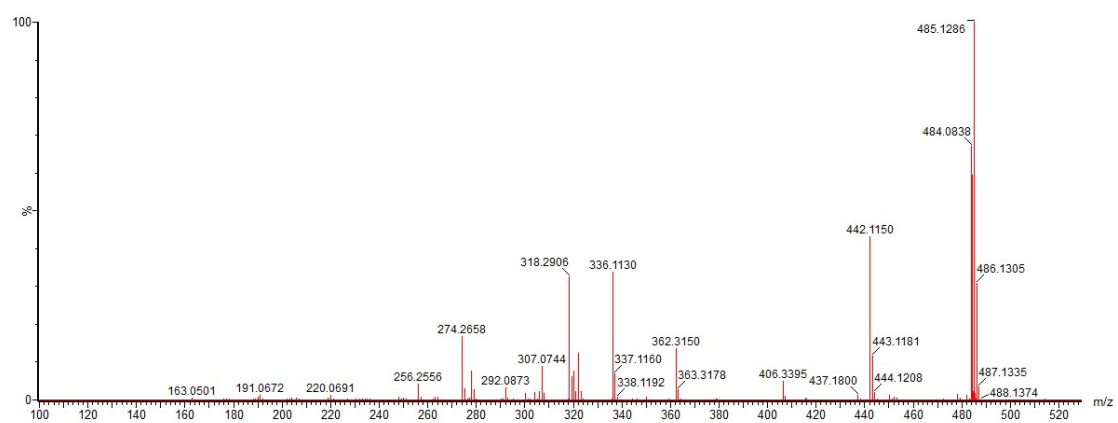


Figure S13. Mass spectrum of compound **8m**



Figure S14. Mass spectrum of compound **8n**



Figure S15. Mass spectrum of compound **8o**



Figure S16. Mass spectrum of compound **8p**

¹H NMR spectrum

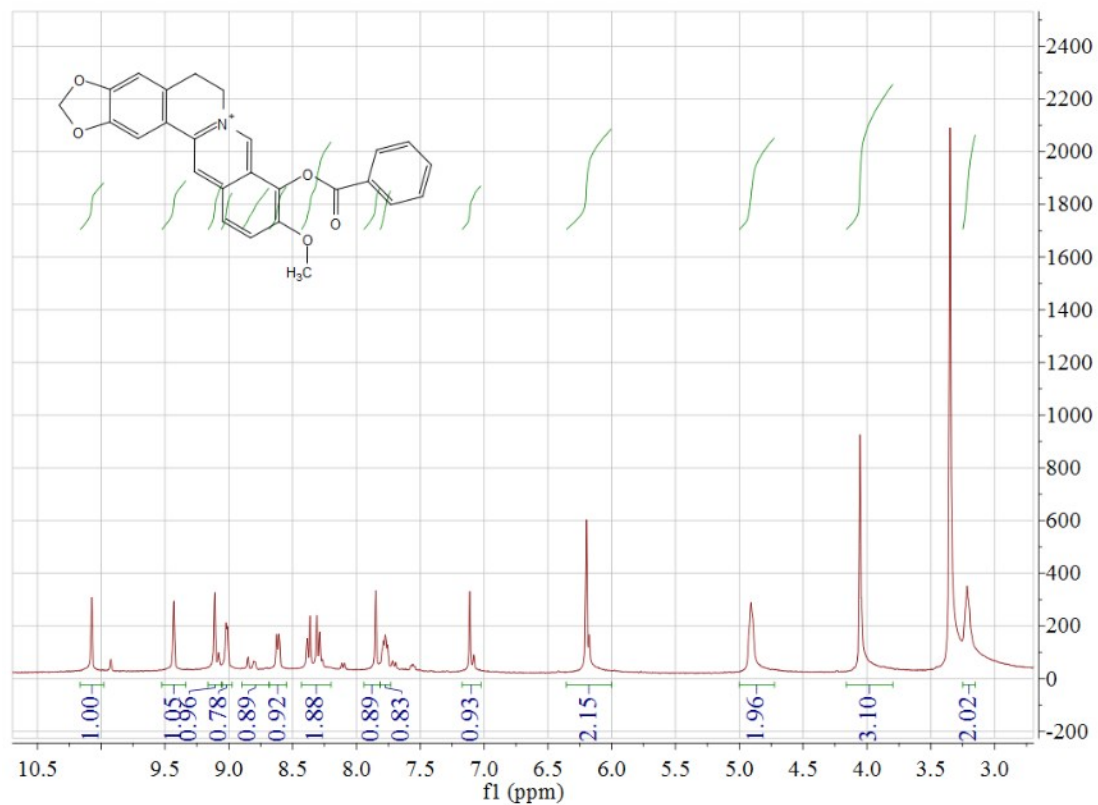


Figure S17. ¹H NMR spectrum of compound 8a

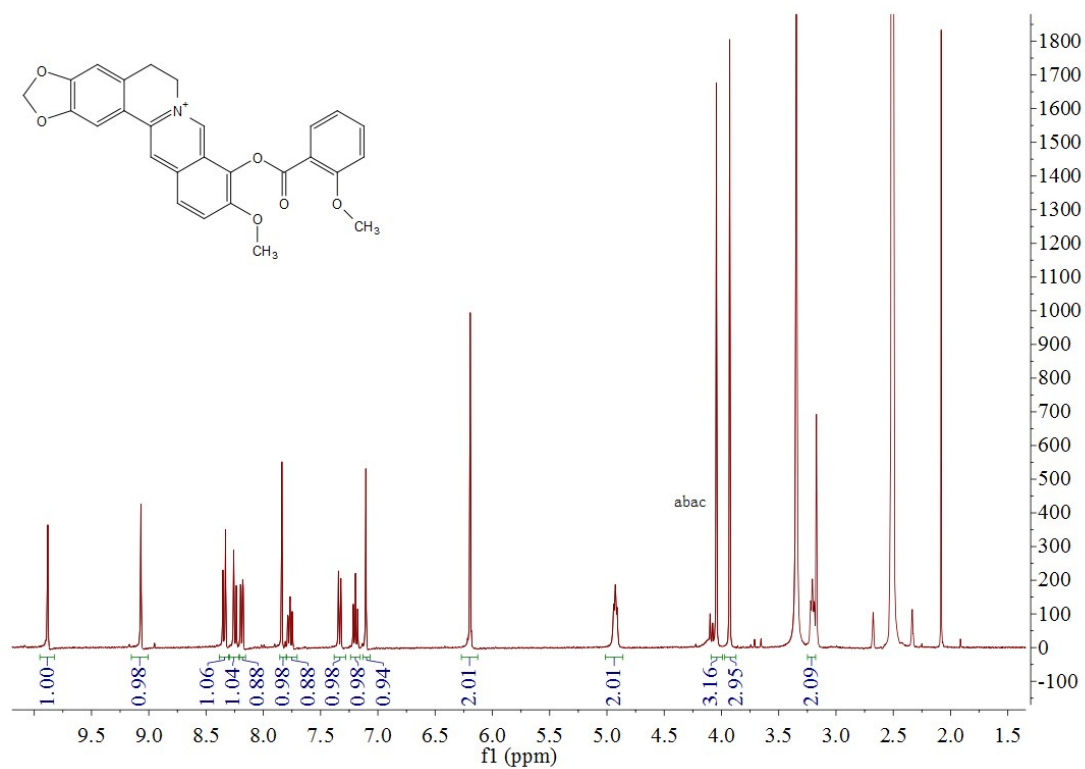


Figure S18. ¹H NMR spectrum of compound 8b

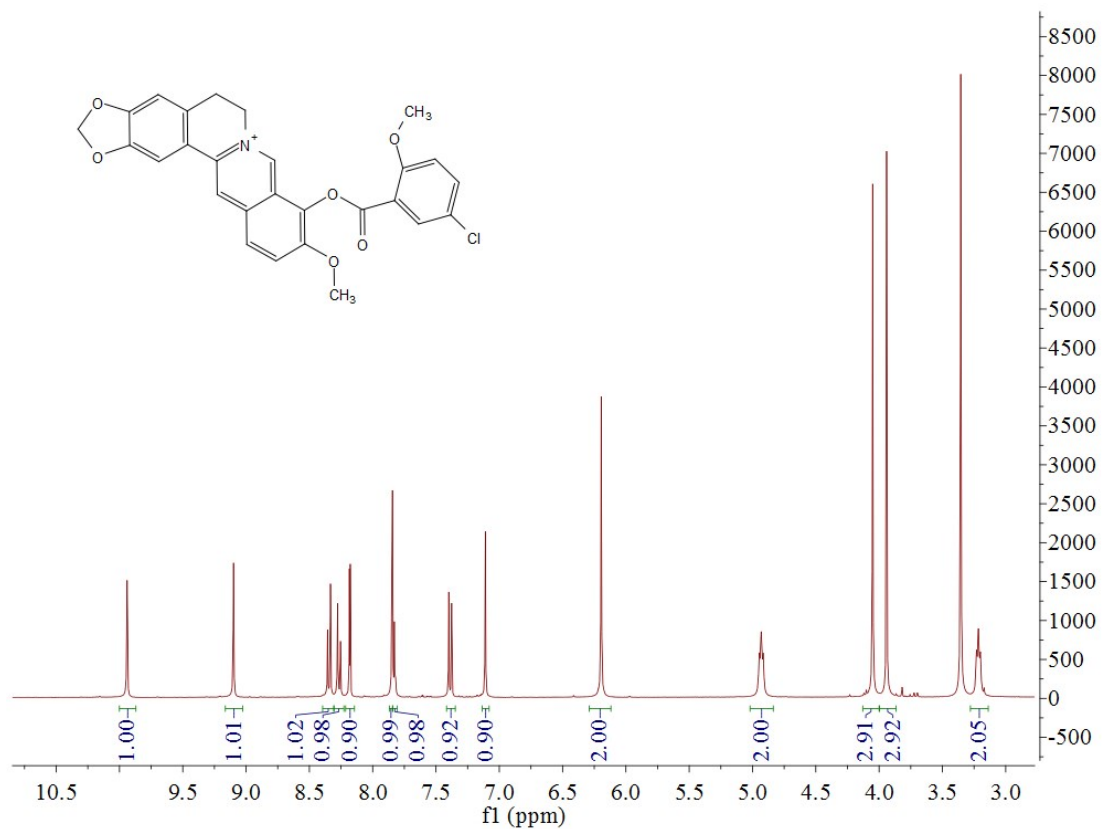


Figure S19. ¹H NMR spectrum of compound **8c**

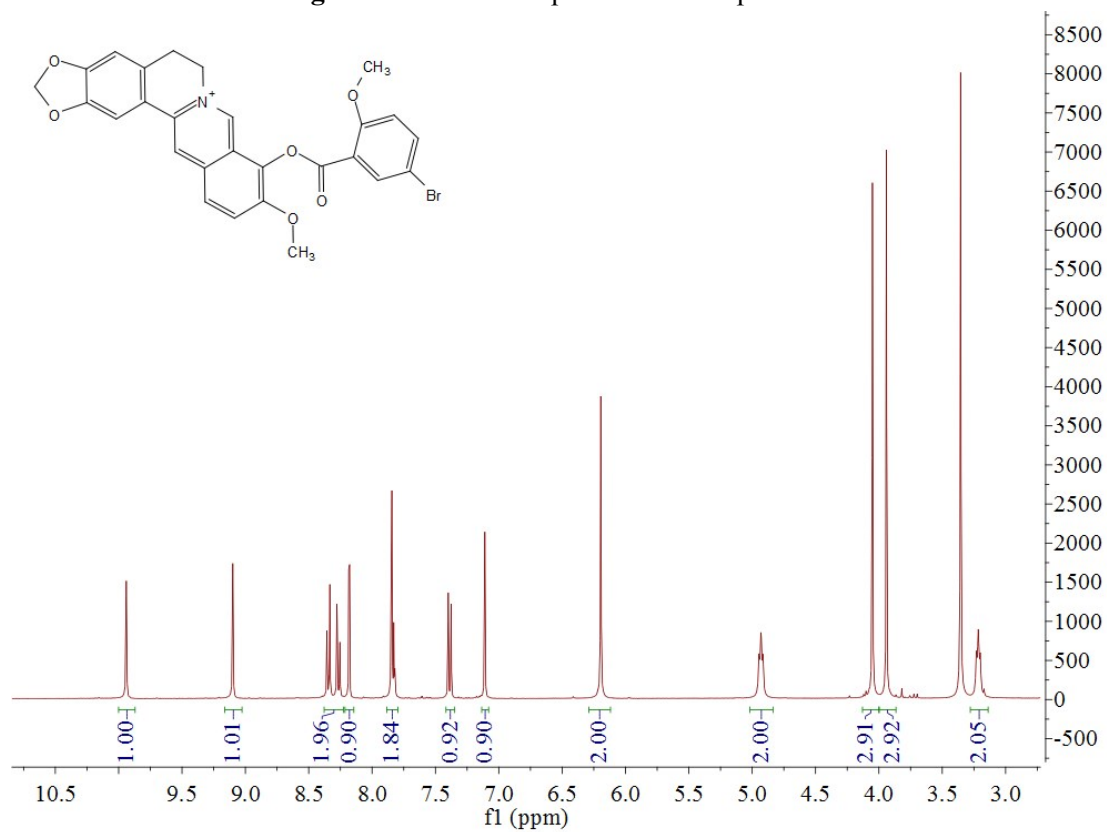


Figure S20. ¹H NMR spectrum of compound **8d**

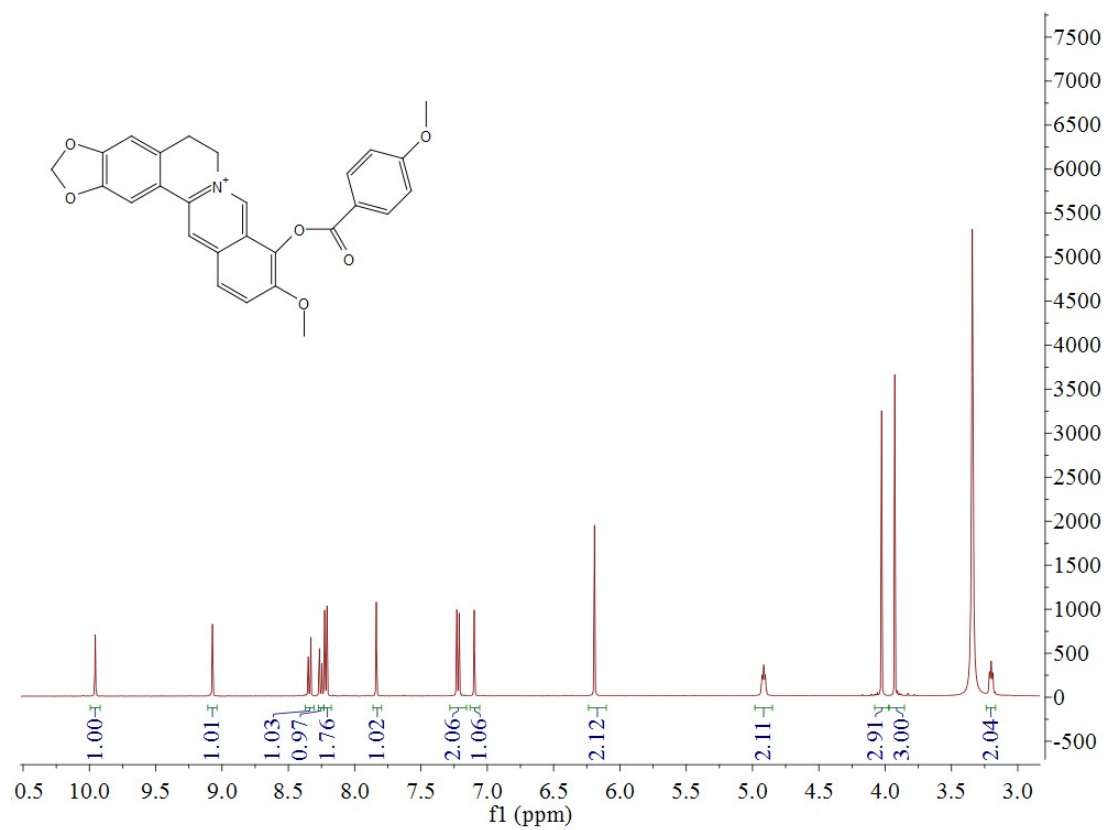


Figure S21. ^1H NMR spectrum of compound **8e**

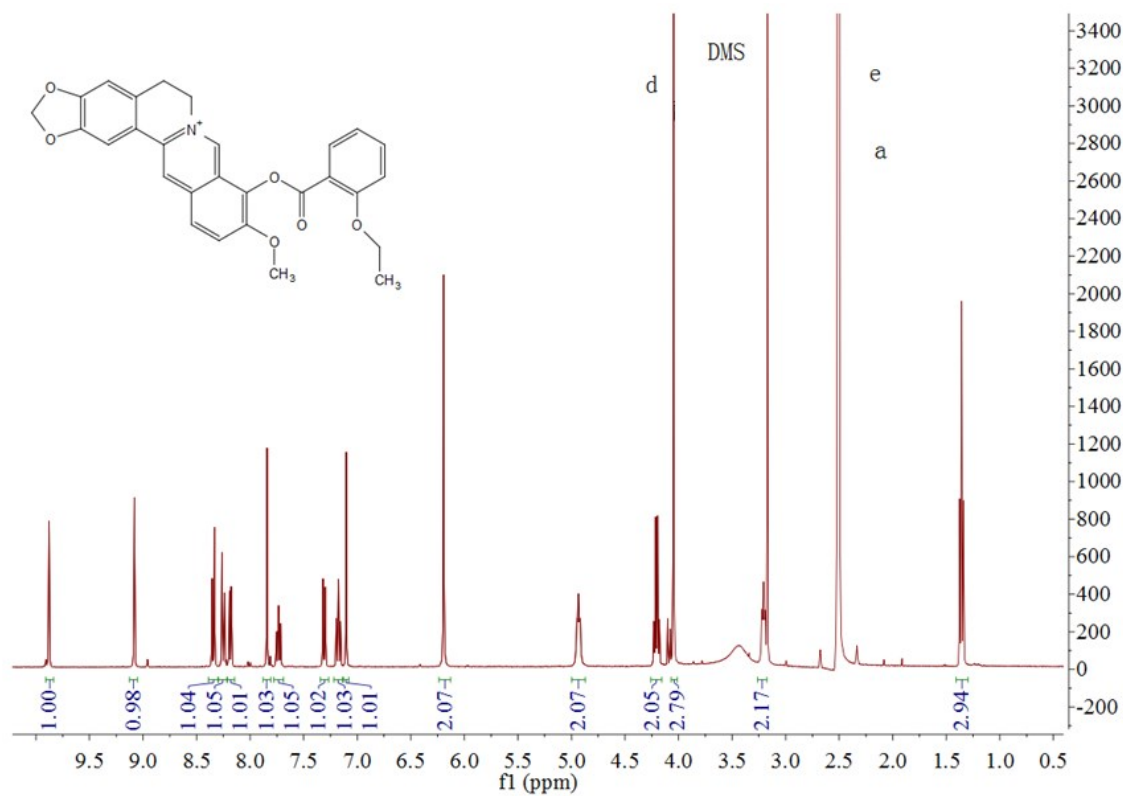


Figure S22. ^1H NMR spectrum of compound **8f**

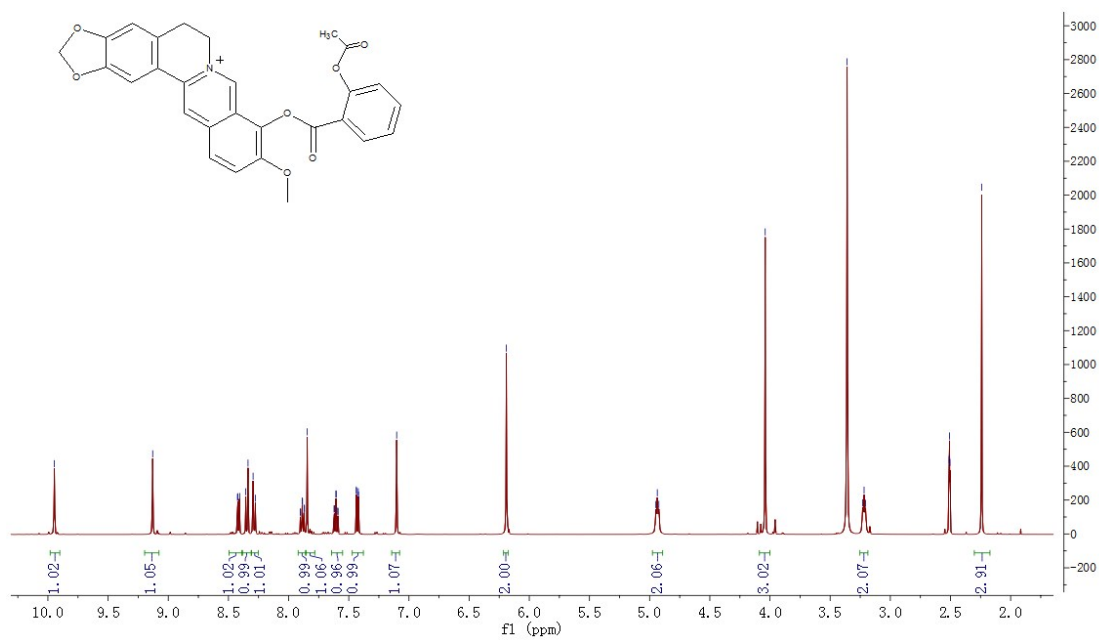


Figure S23. ¹H NMR spectrum of compound 8g

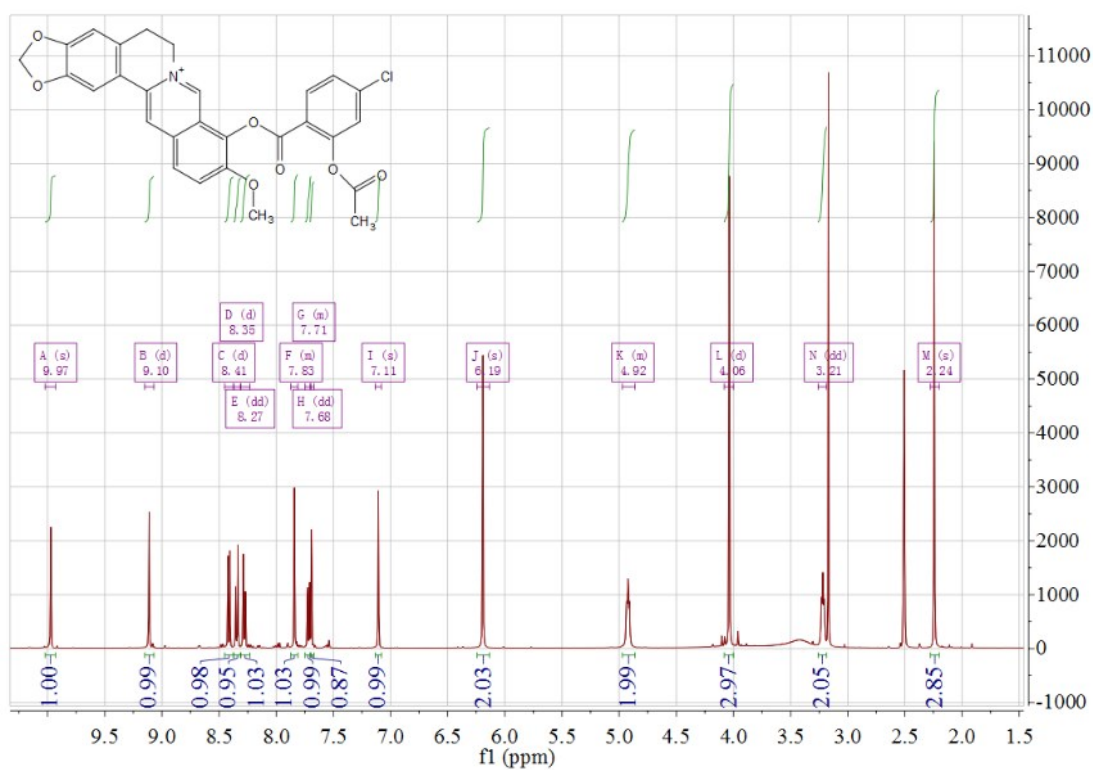


Figure S24. ¹H NMR spectrum of compound 8h

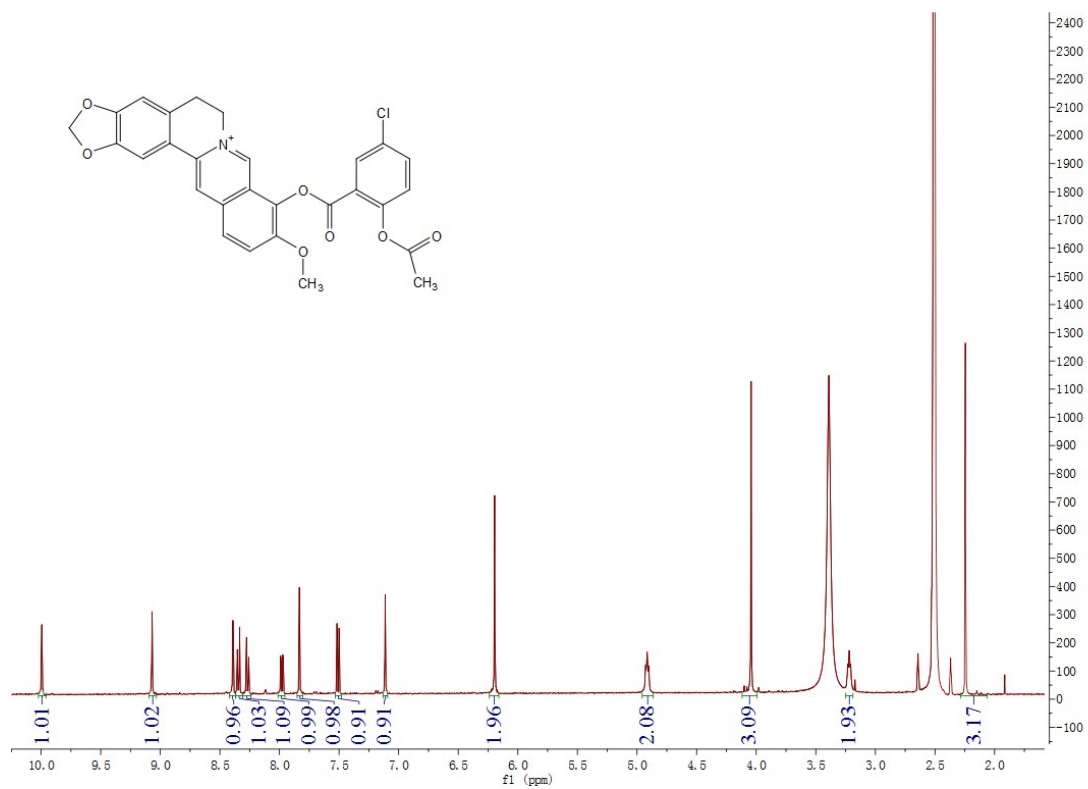


Figure S25. ^1H NMR spectrum of compound **8i**

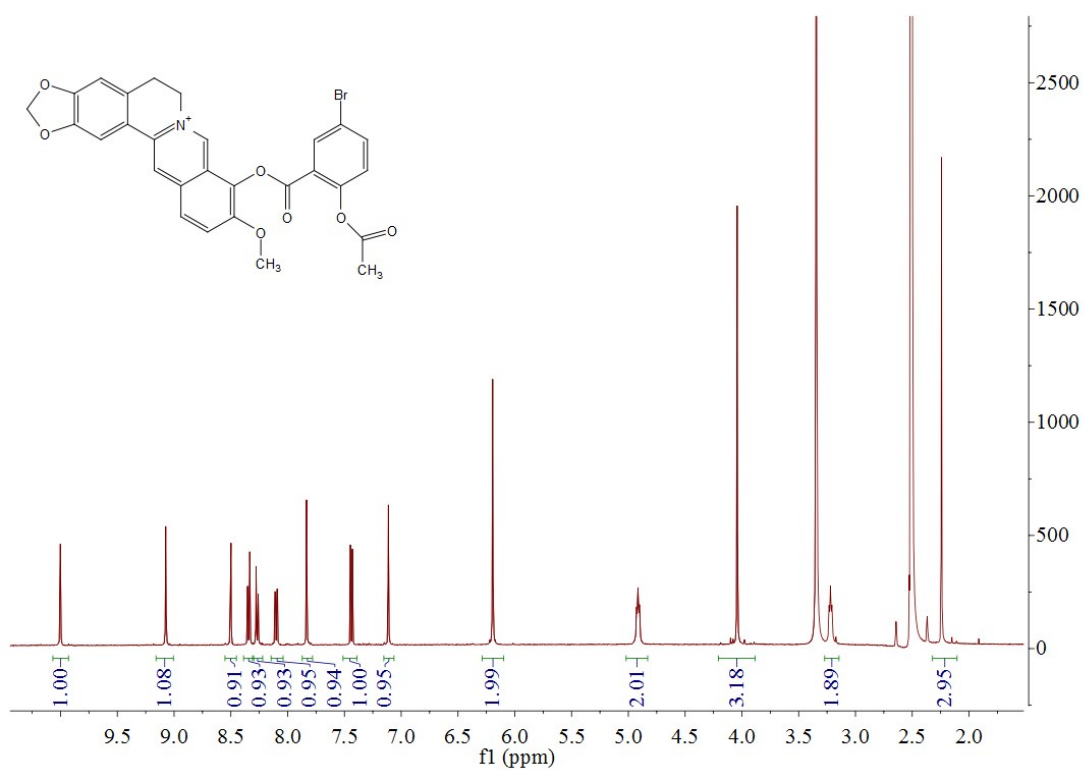


Figure S26. ^1H NMR spectrum of compound **8j**

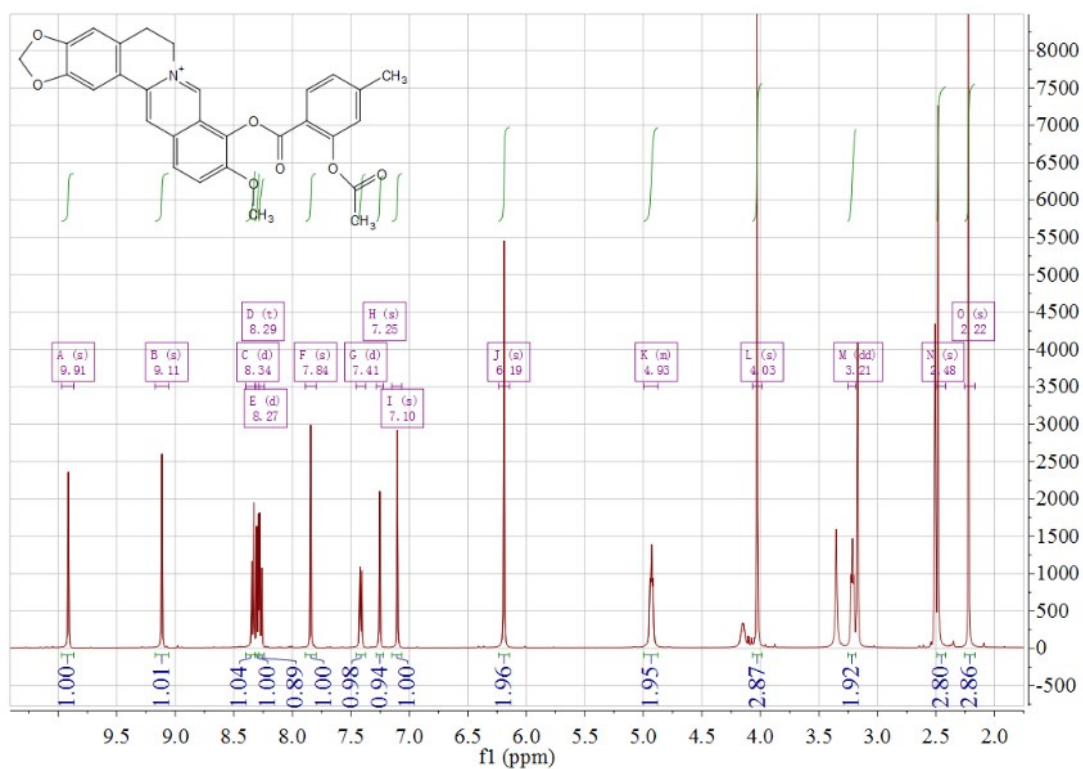


Figure S27. ¹H NMR spectrum of compound **8k**

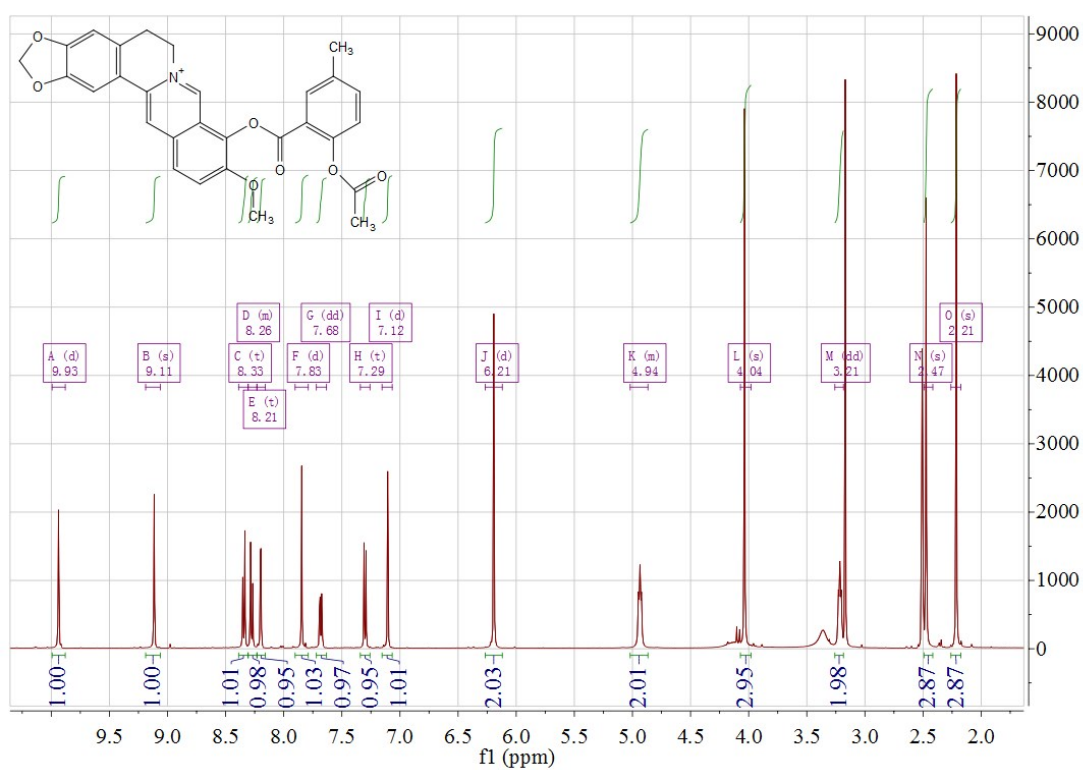


Figure S28. ¹H NMR spectrum of compound **8l**

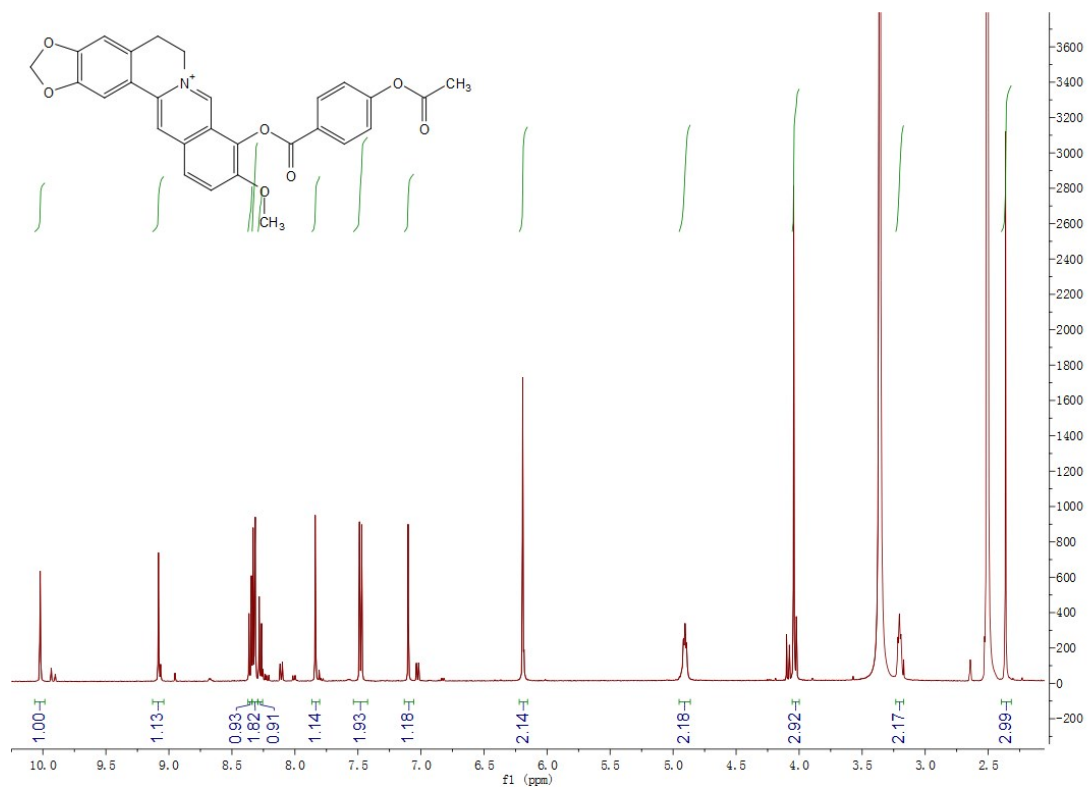


Figure S29. ^1H NMR spectrum of compound **8m**

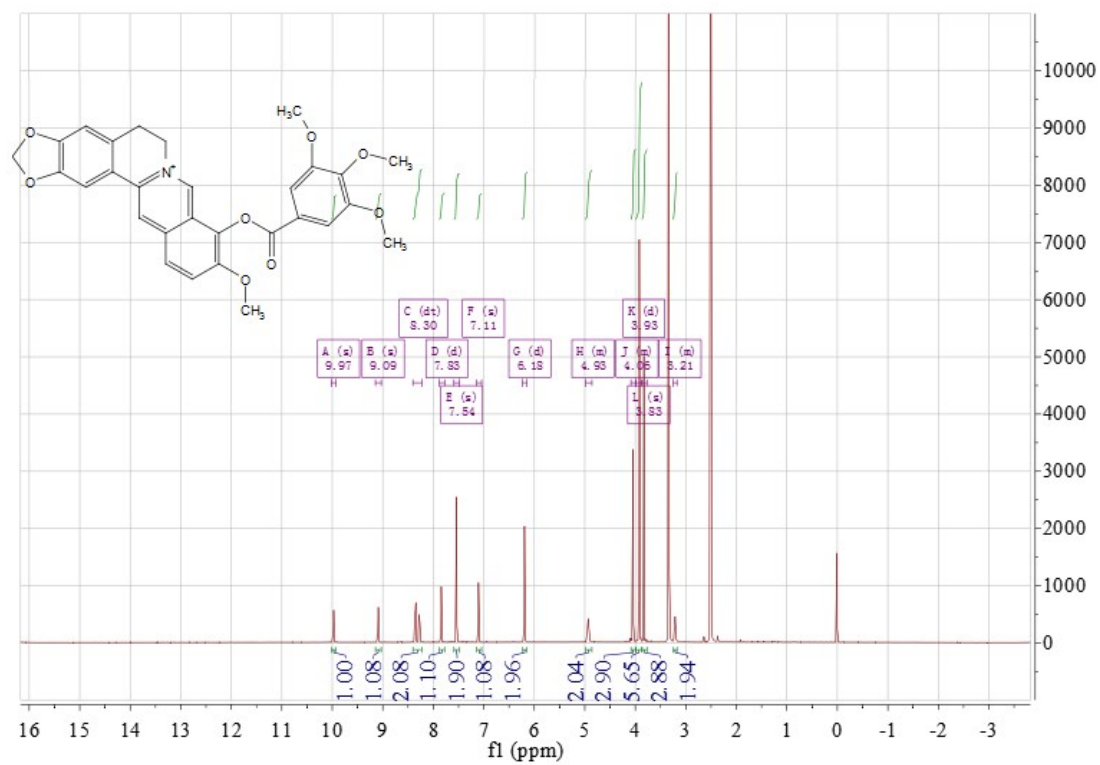


Figure S30. ^1H NMR spectrum of compound **8n**

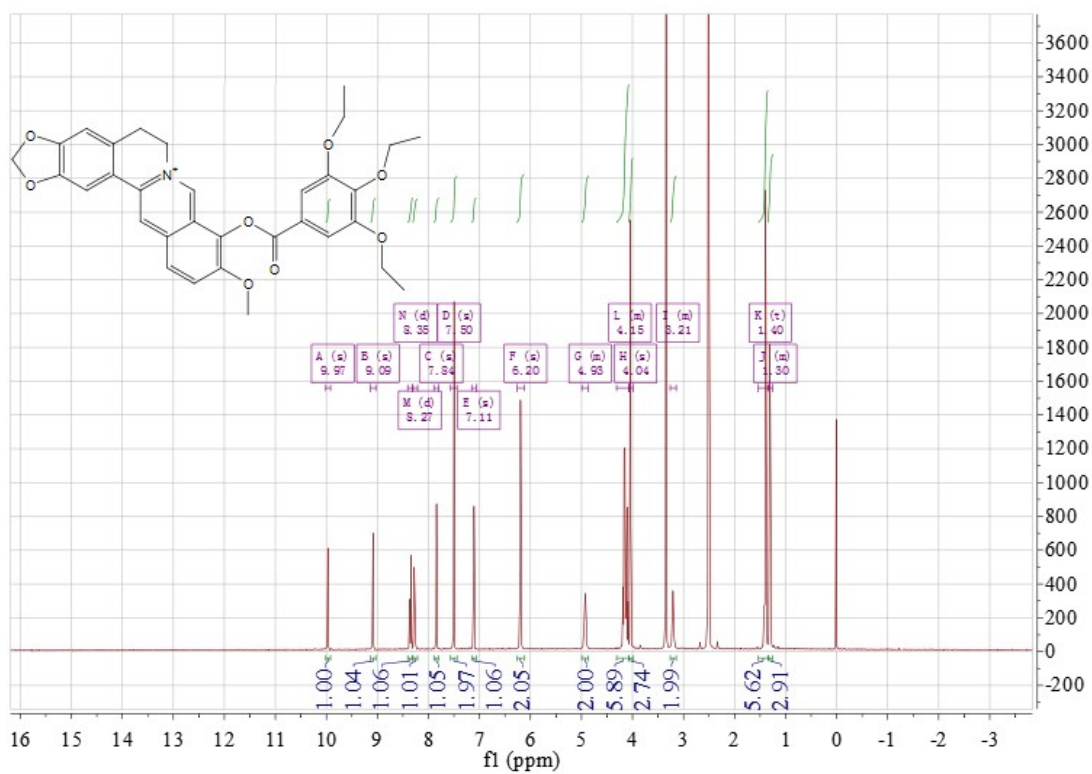


Figure S31. ¹H NMR spectrum of compound **8o**

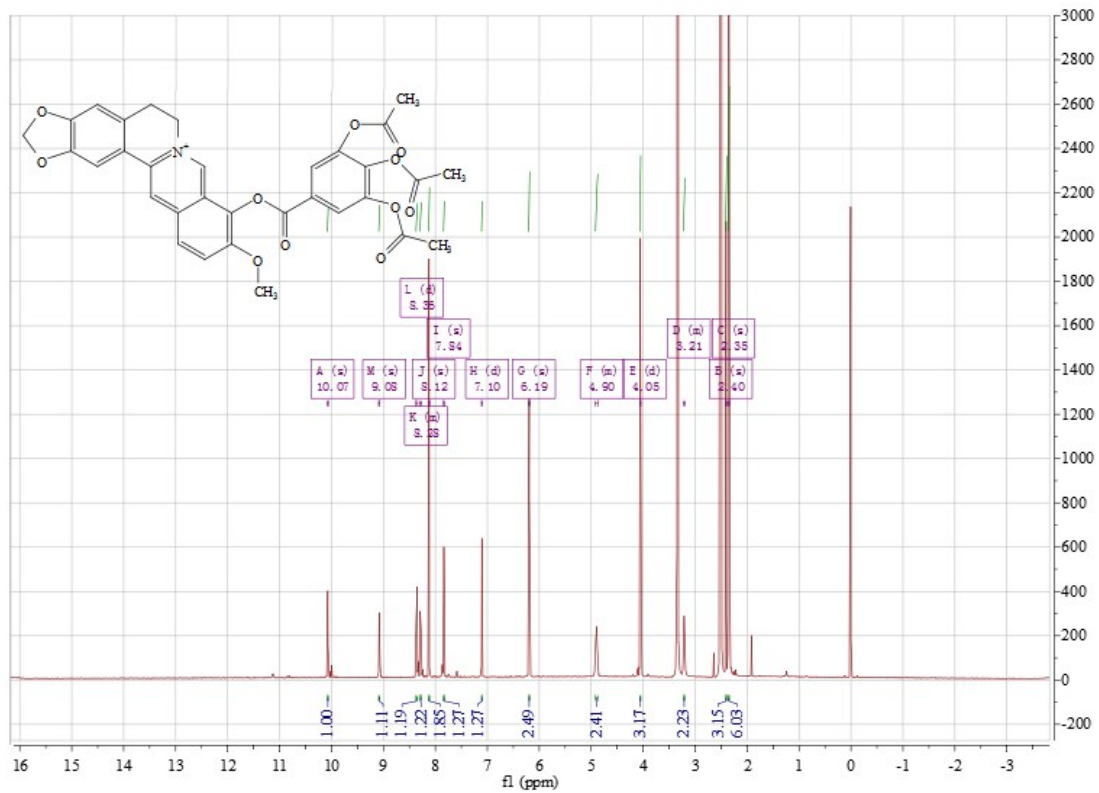


Figure S32. ¹H NMR spectrum of compound **8p**

Infrared spectrum

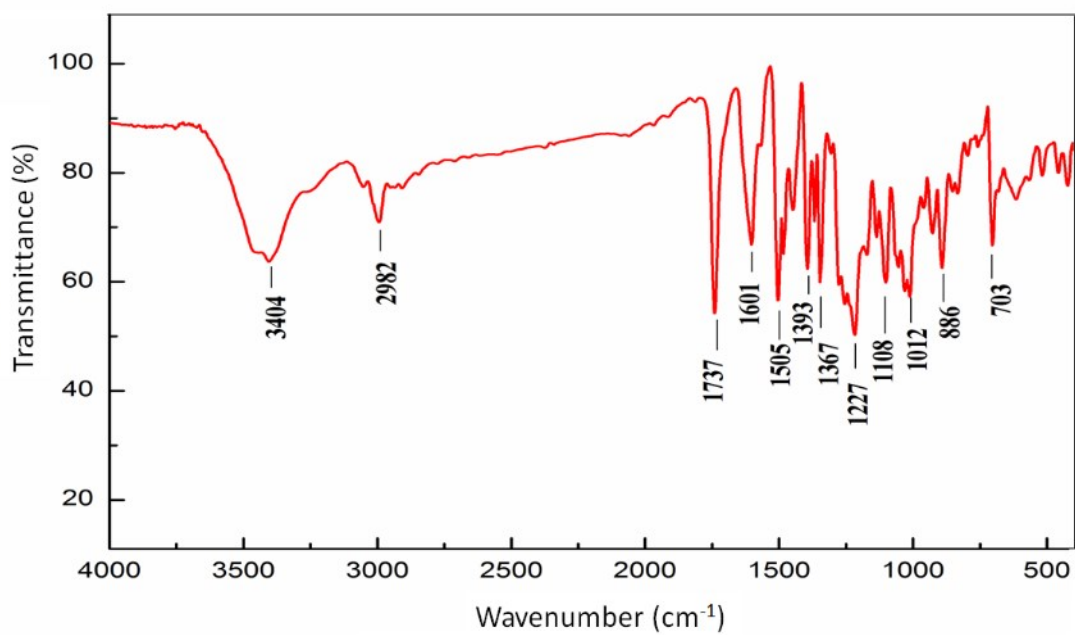


Figure S33. Infrared spectrum of compound **8a**

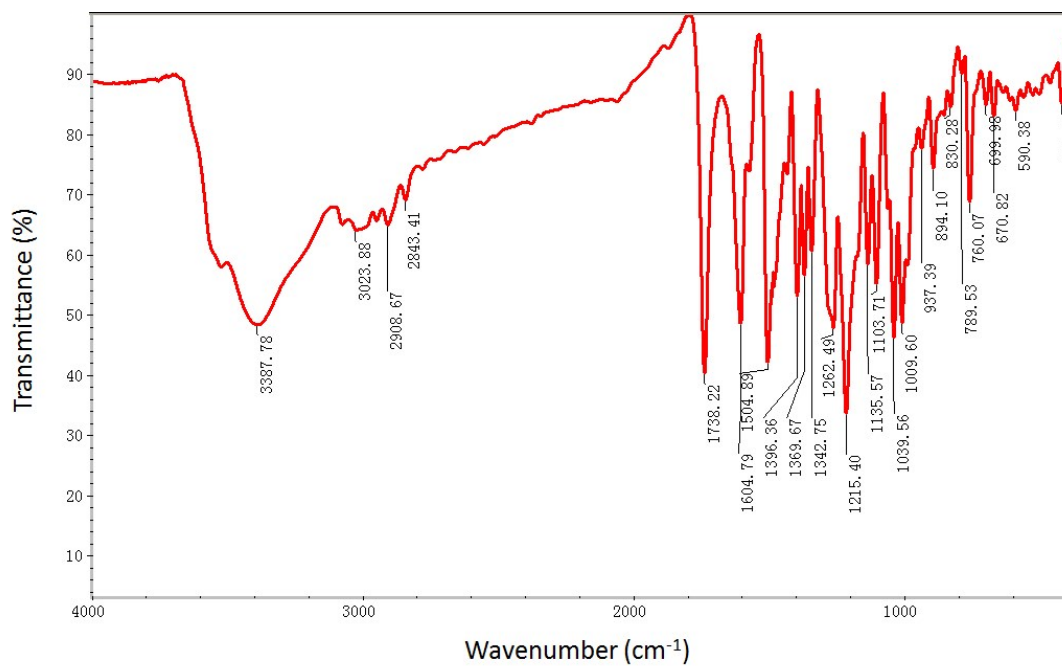


Figure S34. Infrared spectrum of compound **8b**

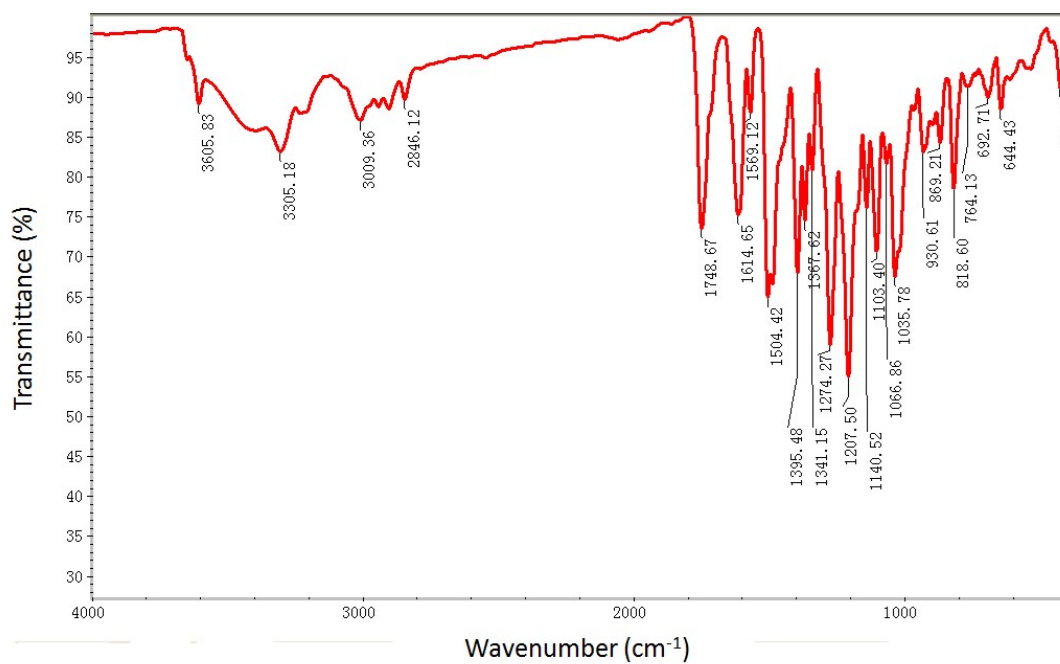


Figure S35. Infrared spectrum of compound **8c**

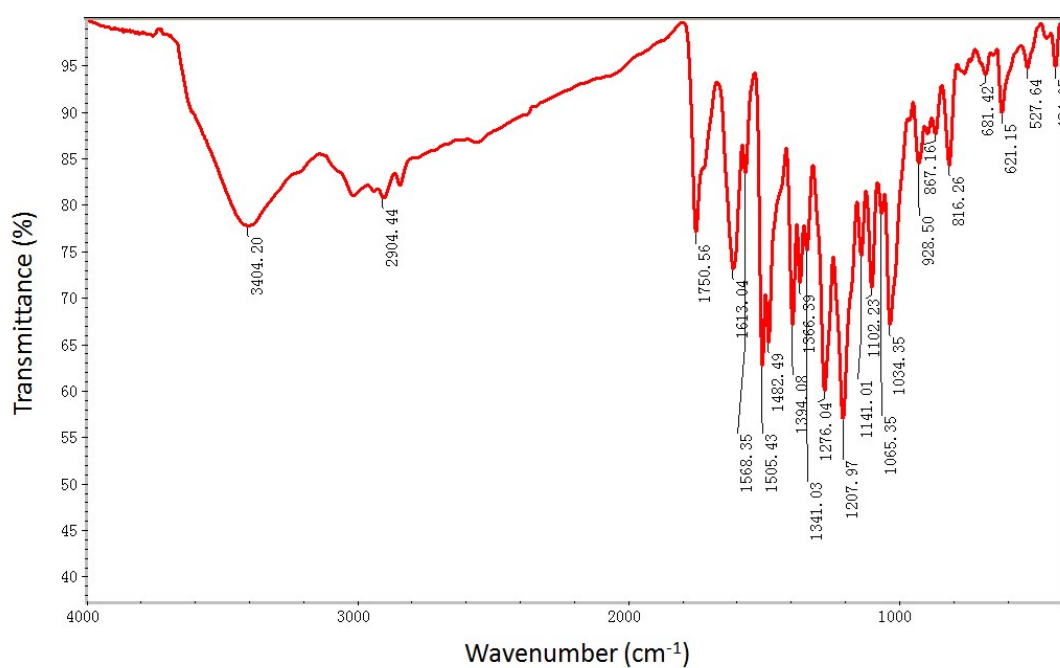


Figure S36. Infrared spectrum of compound **8d**

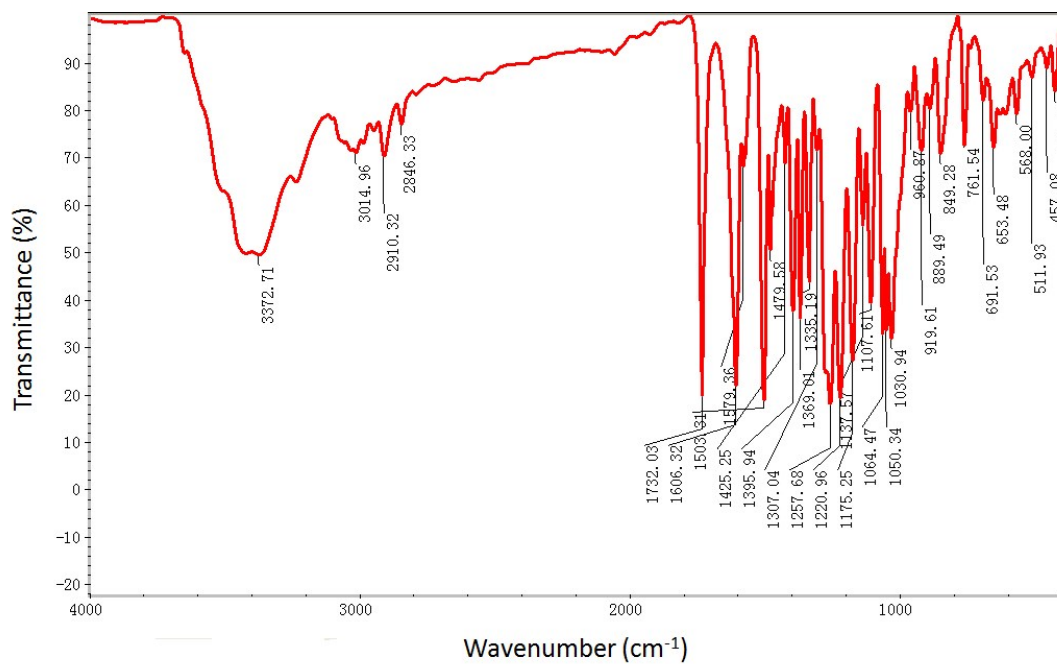


Figure S37. Infrared spectrum of compound **8e**

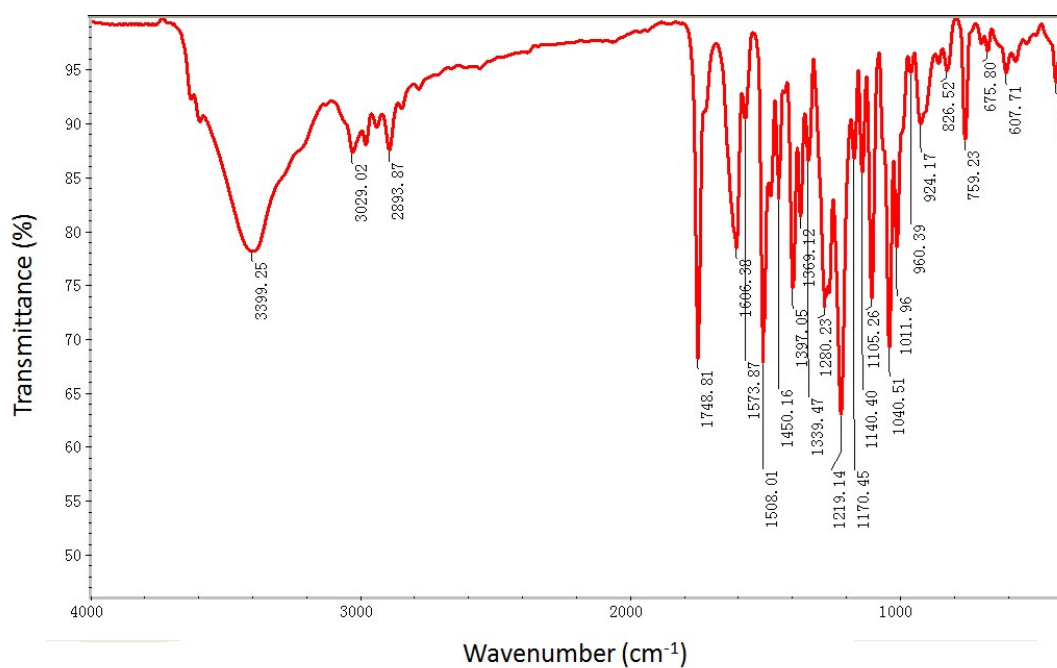


Figure S38. Infrared spectrum of compound **8f**

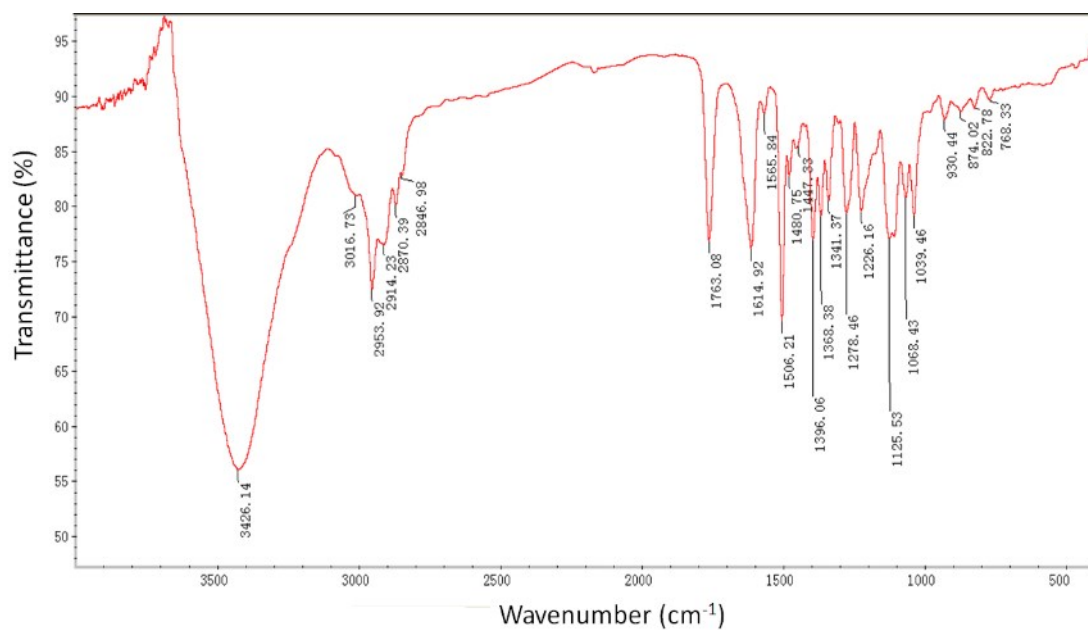


Figure S39. Infrared spectrum of compound 8g

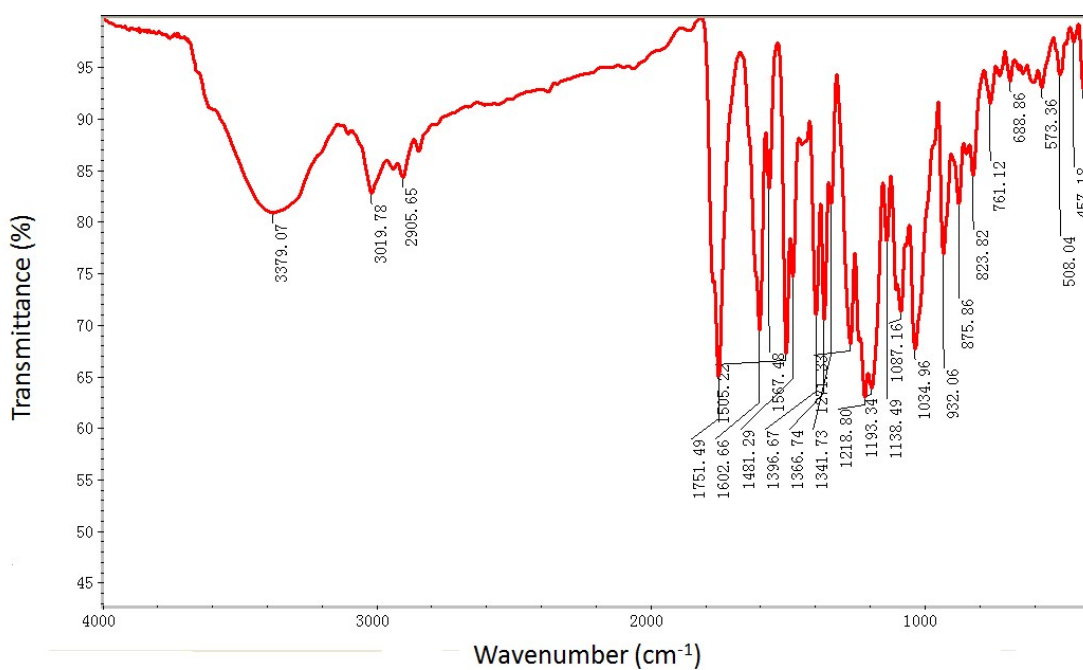


Figure S40. Infrared spectrum of compound 8h

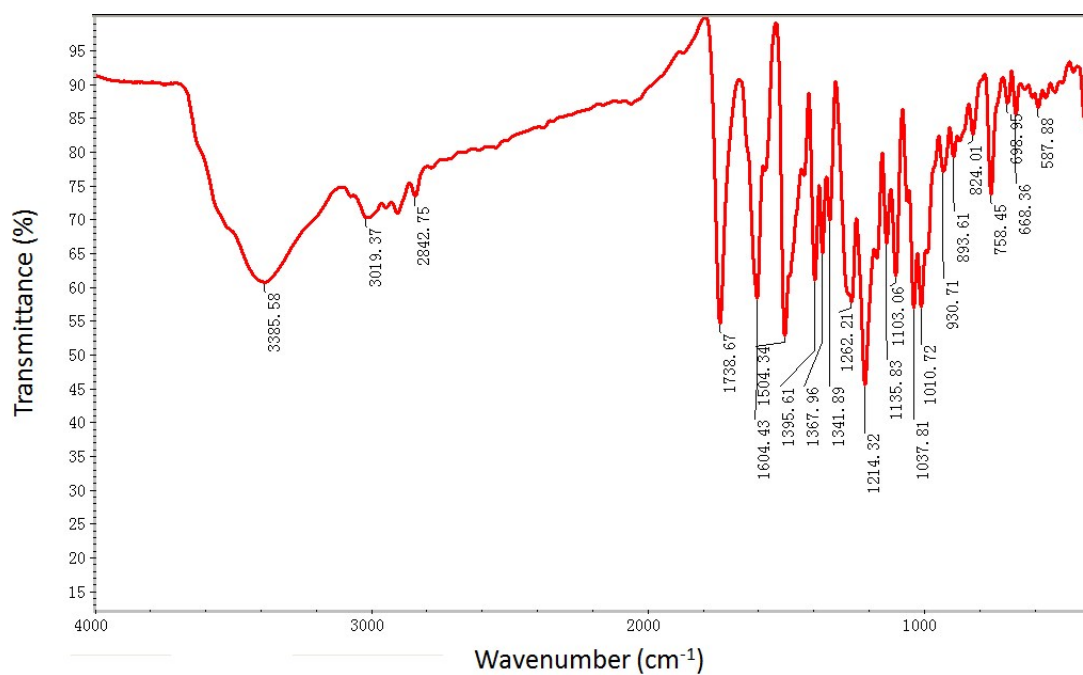


Figure S41. Infrared spectrum of compound **8i**

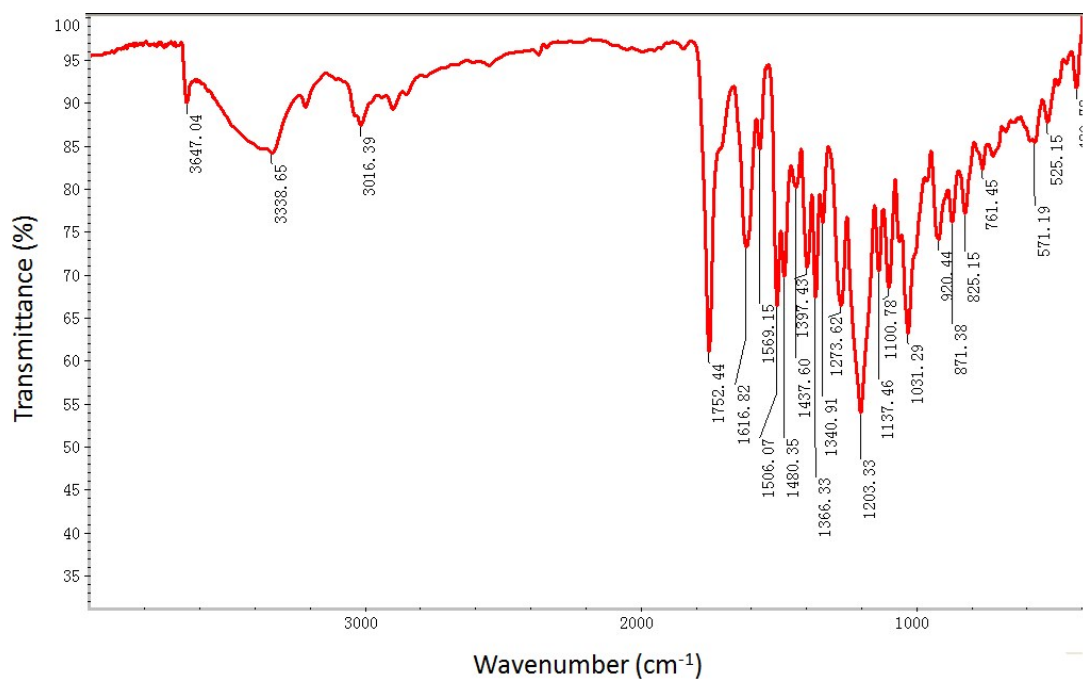


Figure S42. Infrared spectrum of compound **8j**

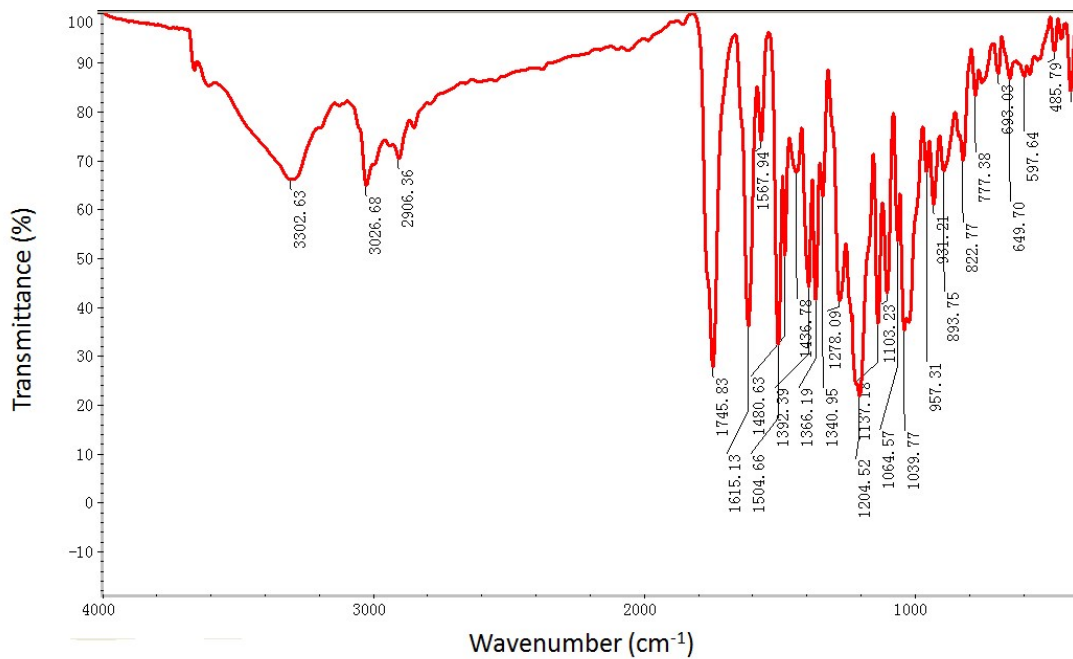


Figure S43. Infrared spectrum of compound **8k**

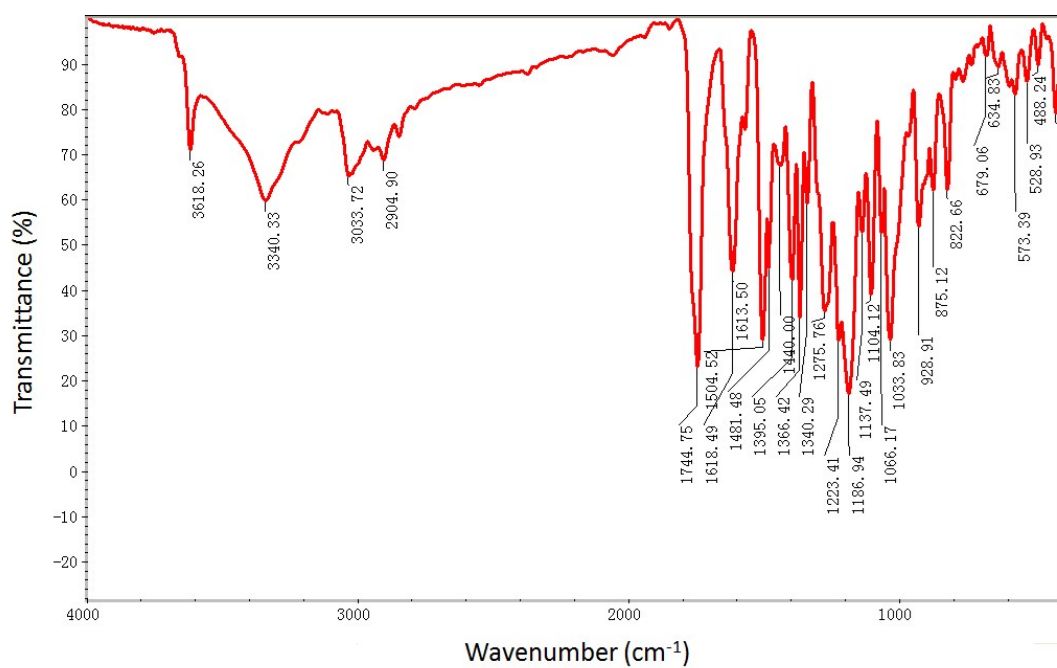


Figure S44. Infrared spectrum of compound **8l**

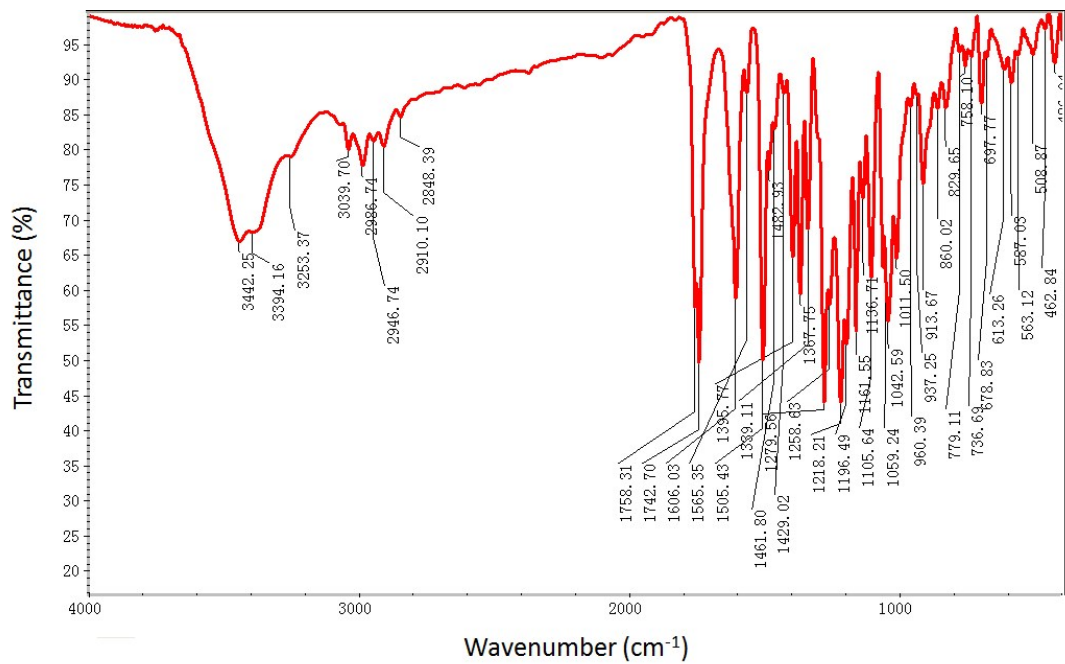


Figure S45. Infrared spectrum of compound **8m**

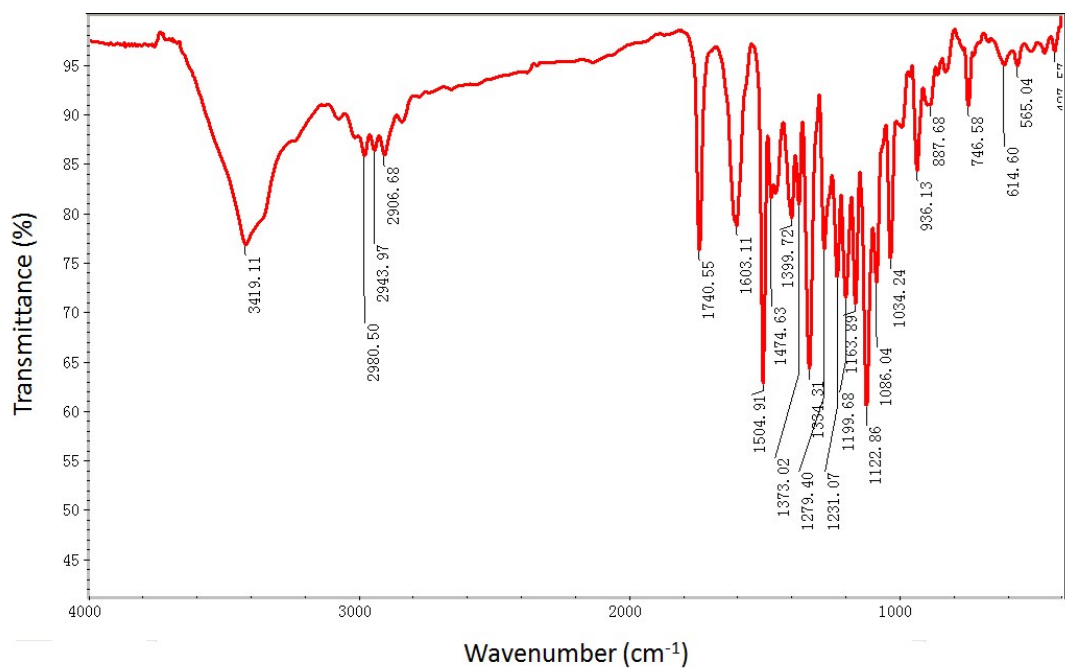


Figure S46. Infrared spectrum of compound **8n**

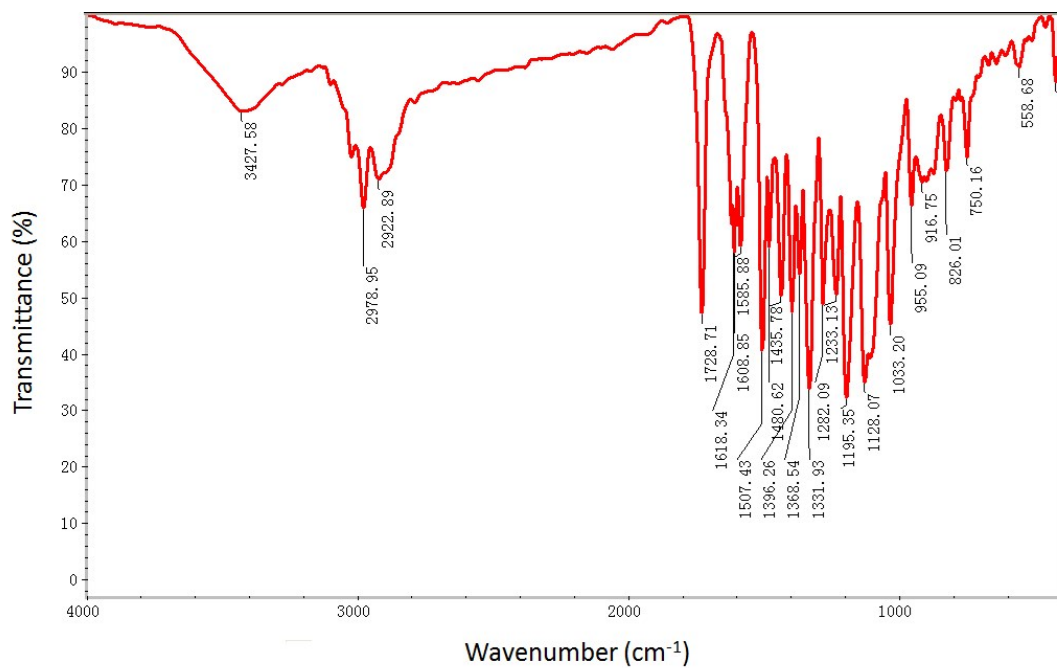


Figure S47. Infrared spectrum of compound **8o**

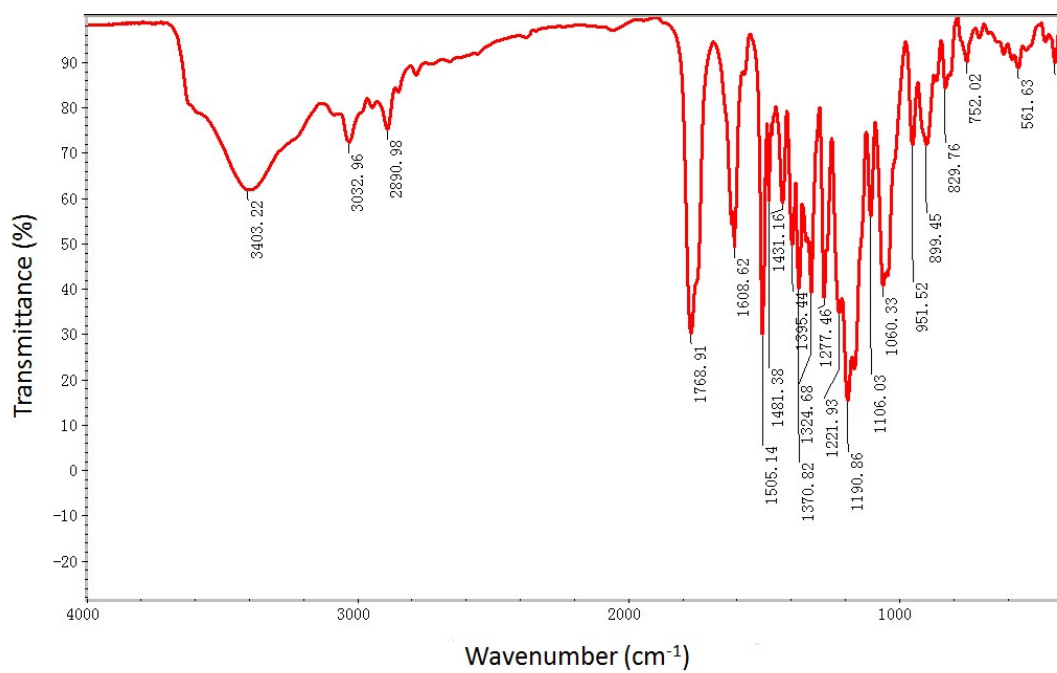


Figure S48. Infrared spectrum of compound **8p**