

New triterpene saponins from the aerial parts of *Androsace*

umbellata

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Figures of contents

- Page S4** **Figure S1.** IR Spectrum of **1** (KBr)
- Page S4** **Figure S2.** The ¹H NMR Spectrum of **1** in C₅D₅N (500 MHz)
- Page S5** **Figure S3.** The ¹H NMR Spectrum of **1** in C₅D₅N (500 MHz) (enlarged)
- Page S5** **Figure S4.** The ¹H NMR Spectrum of **1** in C₅D₅N (500 MHz) (enlarged)
- Page S6** **Figure S5.** The ¹³H NMR Spectrum of **1** in C₅D₅N (500 MHz)
- Page S6** **Figure S6.** The ¹³C NMR Spectrum of **1** in C₅D₅N (125 MHz) (enlarged)
- Page S7** **Figure S7.** The ¹³C NMR Spectrum of **1** in C₅D₅N (125 MHz) (enlarged)
- Page S7** **Figure S8.** The HSQC Spectrum of **1** in C₅D₅N
- Page S8** **Figure S9.** The HMBC Spectrum of **1** in C₅D₅N
- Page S8** **Figure S10.** The ROESY Spectrum of **1** in C₅D₅N
- Page S9** **Figure S11.** The HRESIMS Data of **1**
- Page S9** **Figure S12.** IR Spectrum of **2** (KBr)
- Page S10** **Figure S13.** The ¹H NMR Spectrum of **2** in C₅D₅N (500 MHz)
- Page S10** **Figure S14.** The ¹H NMR Spectrum of **2** in C₅D₅N (500 MHz) (enlarged)
- Page S11** **Figure S15.** The ¹H NMR Spectrum of **2** in C₅D₅N (500 MHz) (enlarged)
- Page S11** **Figure S16.** The ¹H NMR Spectrum of **2** in C₅D₅N (500 MHz) (enlarged)
- Page S12** **Figure S17.** The ¹³C NMR Spectrum of **2** in C₅D₅N (125 MHz)

Page S12 Figure S18. The ^1H - ^1H COSY Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$

Page S13 Figure S19. The HSQC Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$

Page S13 Figure S20. The HMBC Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$

Page S14 Figure S21. The ROESY Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$

Page S14 Figure S22. The TOCSY Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$

Page S15 Figure S23. The HRESIMS Data of **2**

Page S15 Figure S24. IR Spectrum of **3** (KBr)

Page S16 Figure S25. The ^1H NMR Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz)

Page S16 Figure S26. The ^1H NMR Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

Page S17 Figure S27. The ^1H NMR Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

Page S17 Figure S28. The ^{13}C NMR Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$ (123 MHz)

Page S18 Figure S29. The ^1H - ^1H COSY Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$

Page S18 Figure S30. The HSQC Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$

Page S19 Figure S31. The HMBC Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$

Page S19 Figure S32. The ROESY Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$

Page S20 Figure S33. The TOCSY spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$

Page S20 Figure S34. The HRESIMS Data of **3**

Page S21 Figure S35. IR Spectrum of **4** (KBr)

Page S21 Figure S36. The ^1H NMR Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz)

Page S22 Figure S37. The ^1H NMR Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

Page S22 Figure S38. The ^1H NMR Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

Page S23 Figure S39. The ^{13}C NMR Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$ (125 MHz)

Page S23 Figure S40. The ^1H - ^1H COSY Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$

Page S24 Figure S41. The HSQC Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$

Page S24 Figure S42. The HMBC Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$

Page S25 Figure S43. The NOESY Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$

Page S25 Figure S44. The TOCSY Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$

Page S26 Figure S45. The HRESIMS Data of **4**

Page S26 **Figure S46.** IR Spectrum of **5** (KBr)

Page S27 **Figure S47.** The ^1H NMR Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz)

Page S27 **Figure S48.** The ^1H NMR Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

Page S28 **Figure S49.** The ^1H NMR Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

Page S28 **Figure S50.** The ^{13}C NMR Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$ (125 MHz)

Page S29 **Figure S51.** The ^1H - ^1H COSY Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$

Page S29 **Figure S52.** The HSQC Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$

Page S30 **Figure S53.** The HMBC Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$

Page S30 **Figure S54.** The ROESY Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$

Page S31 **Figure S55.** The TOCSY Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$

Page S31 **Figure S56.** The HRESIMS Data of **5**

Page S32 **Figure S57.** IR Spectrum of **6** (KBr)

Page S32 **Figure S58.** The ^1H NMR Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz)

Page S33 **Figure S59.** The ^1H NMR Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

Page S33 **Figure S60.** The ^1H NMR Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

Page S34 **Figure S61.** The ^{13}C NMR Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$ (125 MHz)

Page S34 **Figure S62.** The HSQC Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$

Page S35 **Figure S63.** The HMBC Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$

Page S35 **Figure S64.** The TOCSY Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$

Page S36 **Figure S65.** The HRESIMS Data of **6**

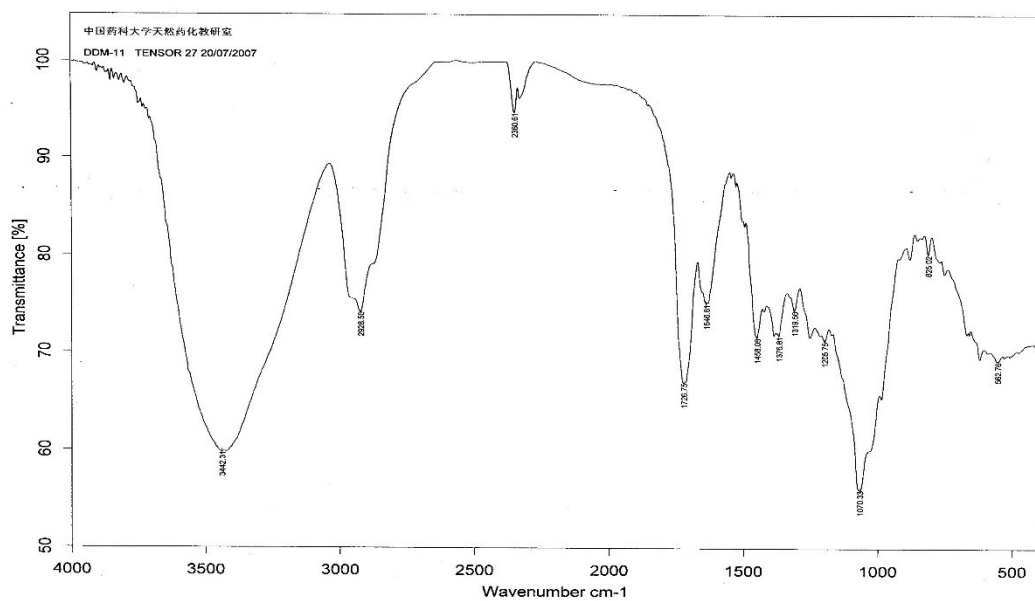


Figure S1. IR Spectrum of **1** (KBr)

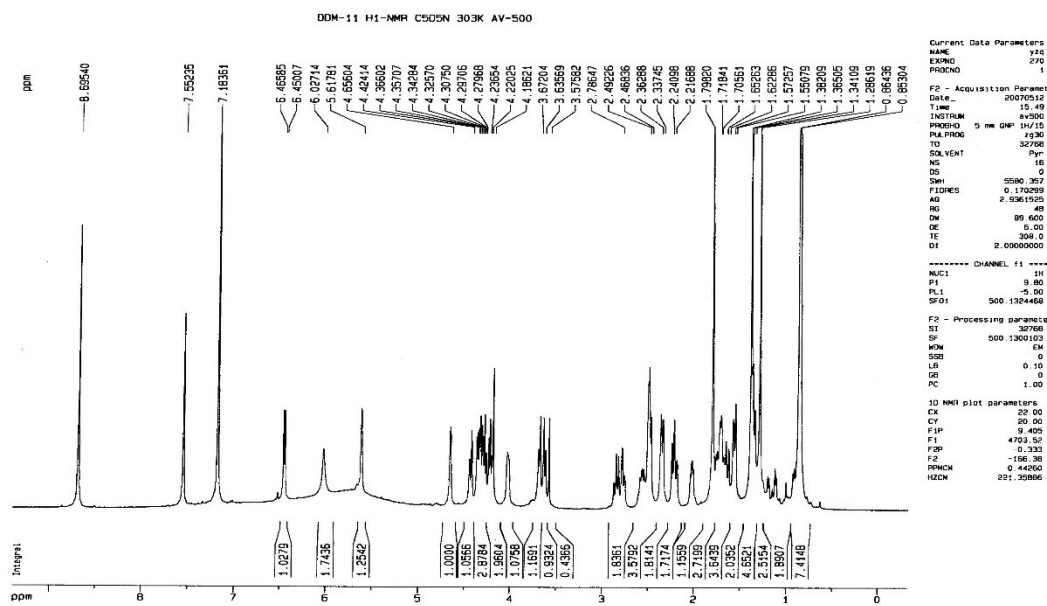


Figure S2. The ^1H NMR Spectrum of **1** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz)

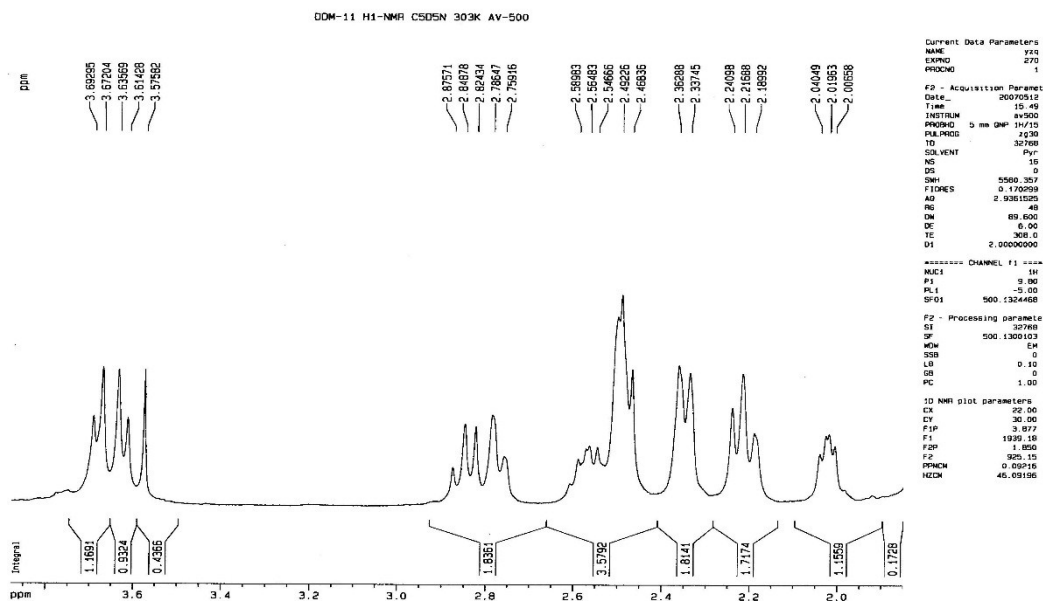


Figure S3. The ^1H NMR Spectrum of **1** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

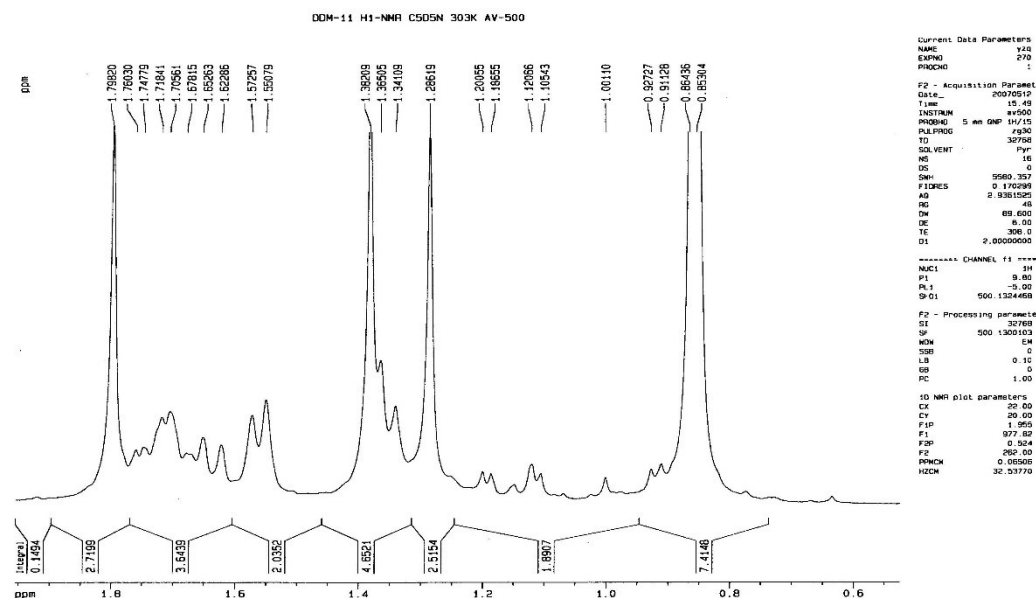


Figure S4. The ^1H NMR Spectrum of **1** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

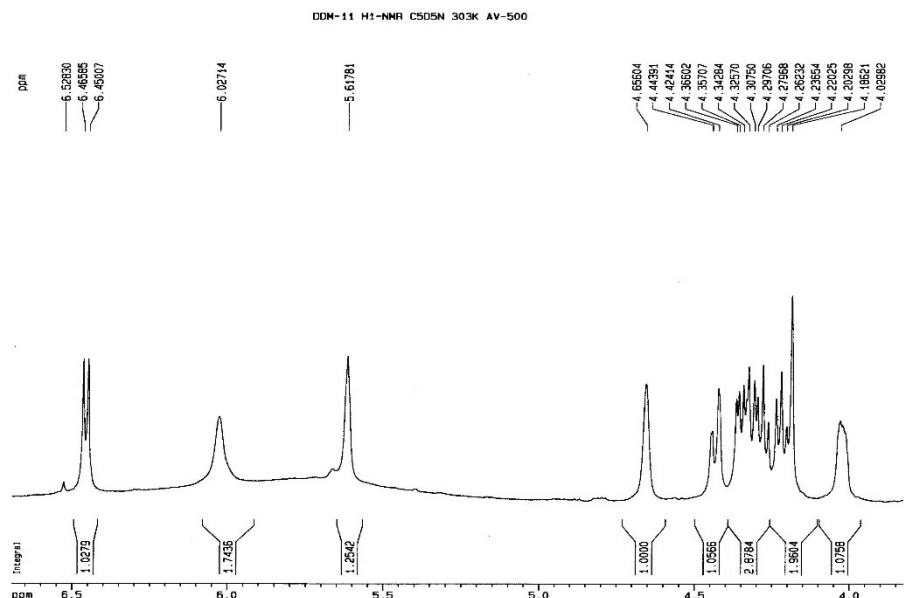


Figure S5. The ^1H NMR Spectrum of **1** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

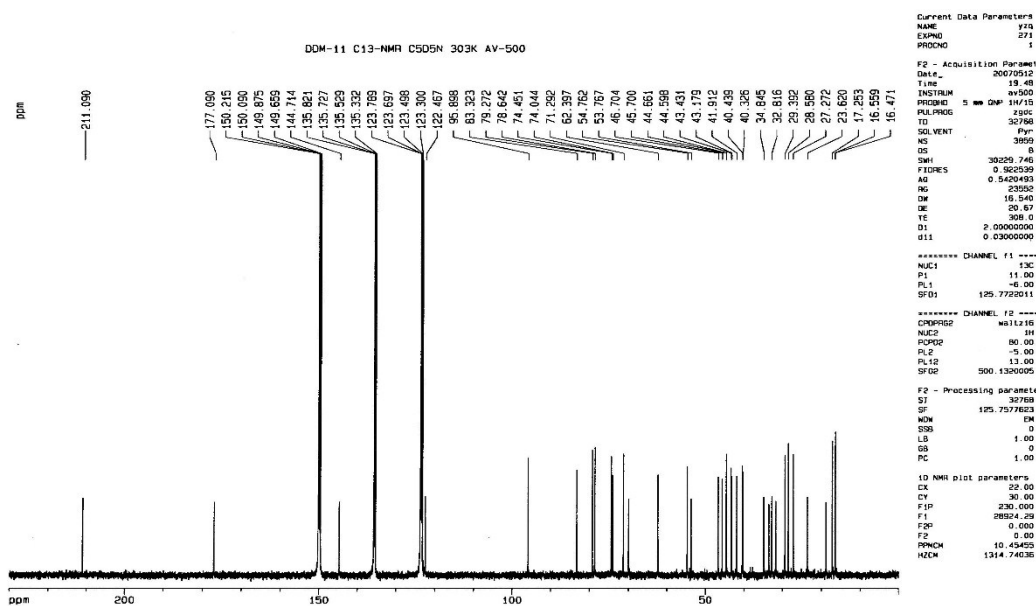


Figure S6. The ^{13}C NMR Spectrum of **1** in $\text{C}_5\text{D}_5\text{N}$ (125 MHz)

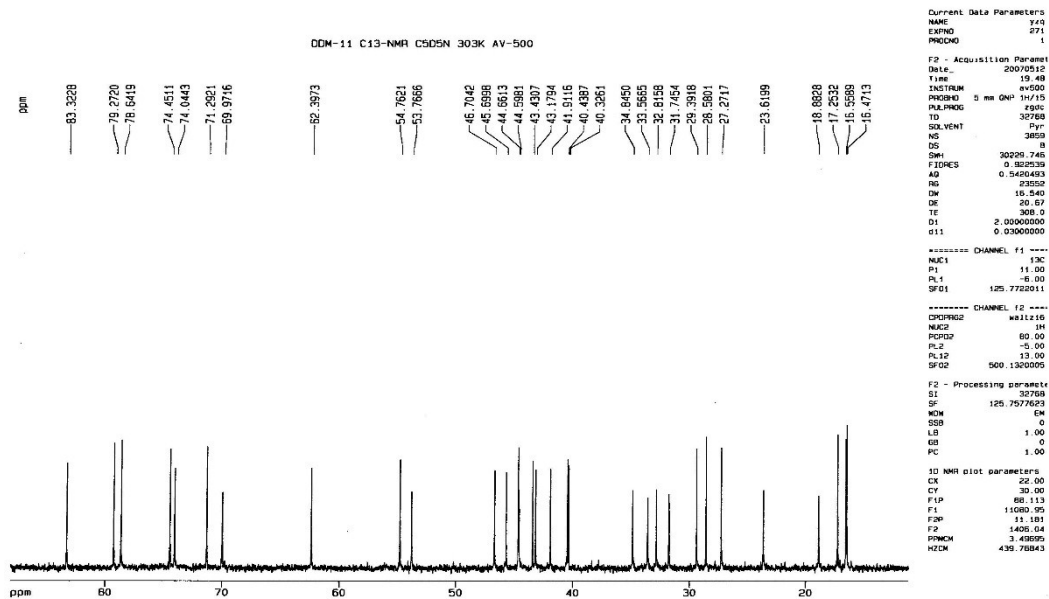


Figure S7. The ^{13}C NMR Spectrum of **1** in $\text{C}_5\text{D}_5\text{N}$ (125 MHz) (enlarged)

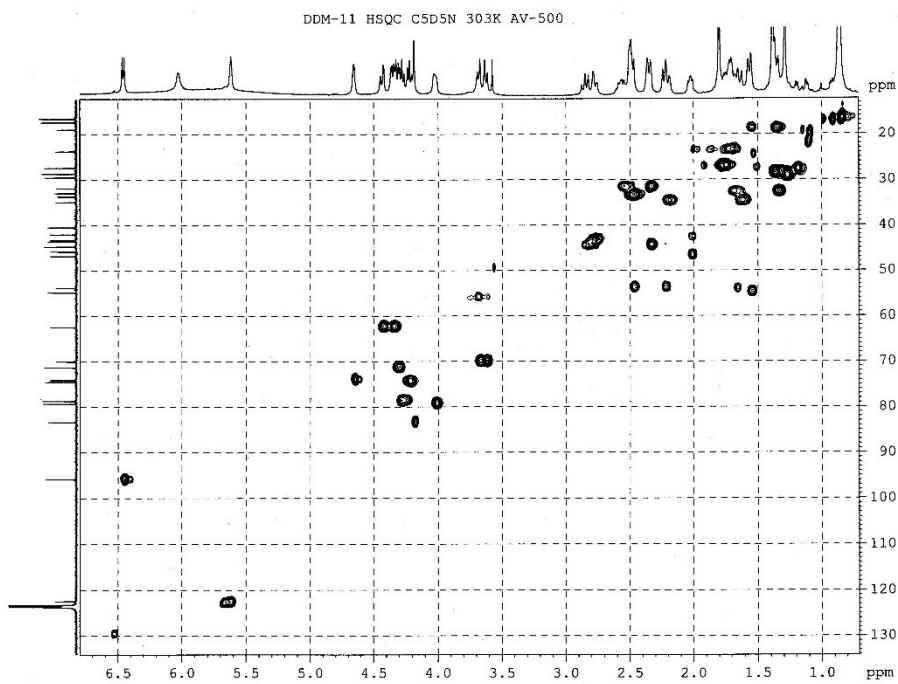


Figure S8. The HSQC Spectrum of **1** in $\text{C}_5\text{D}_5\text{N}$

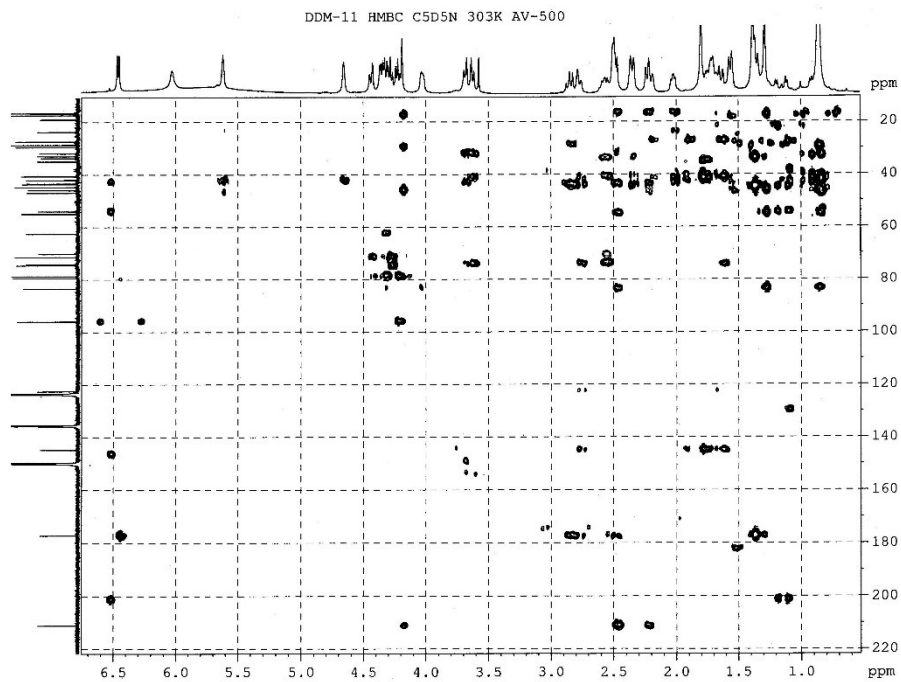


Figure S9. The HMBC Spectrum of **1** in C_5D_5N

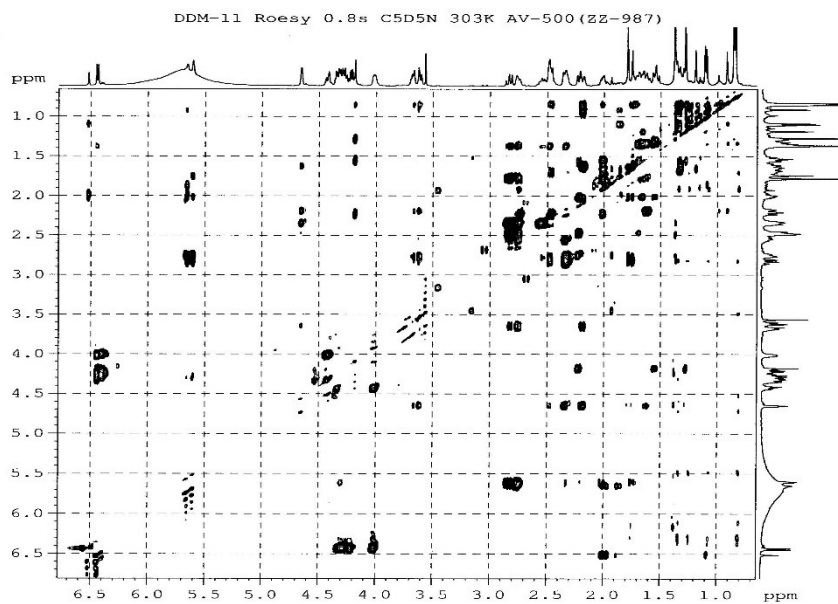


Figure S10. The ROESY Spectrum of **1** in C_5D_5N

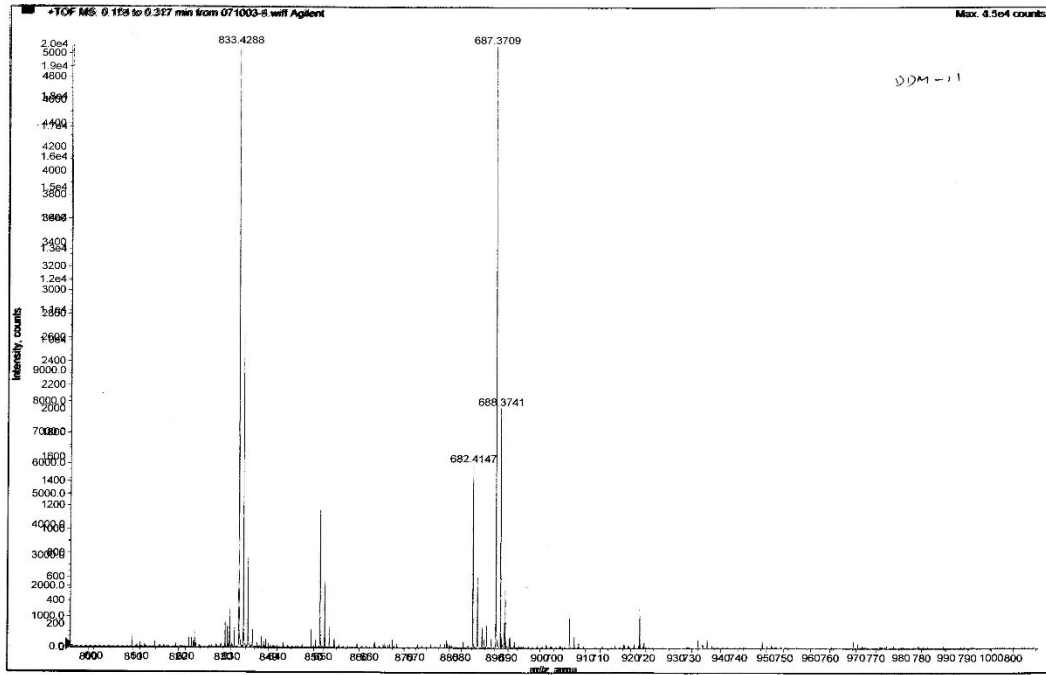


Figure S11. The HRESIMS Data of 1

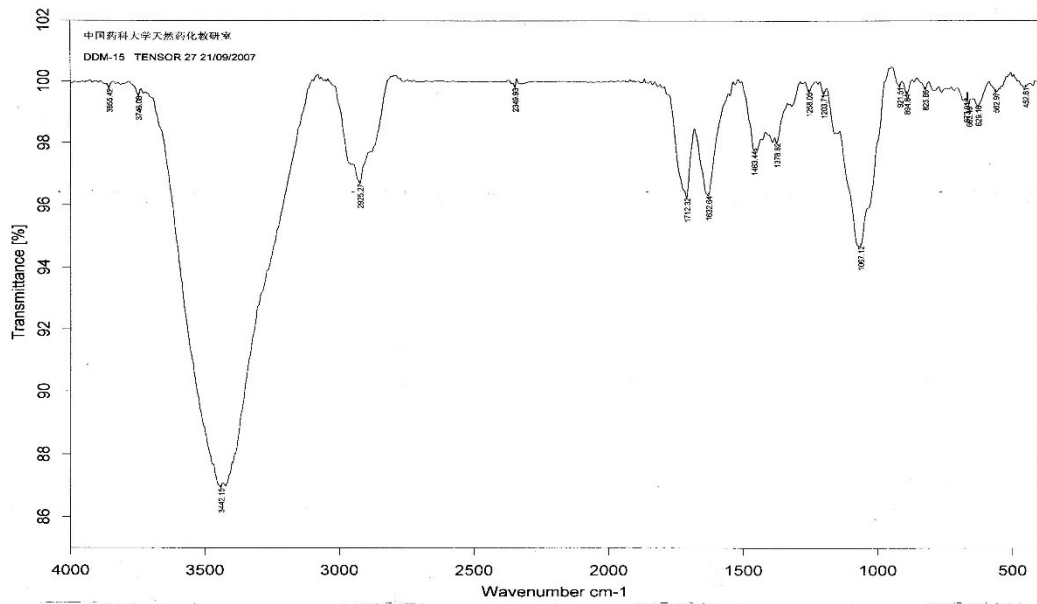


Figure S12. IR Spectrum of 2 (KBr)

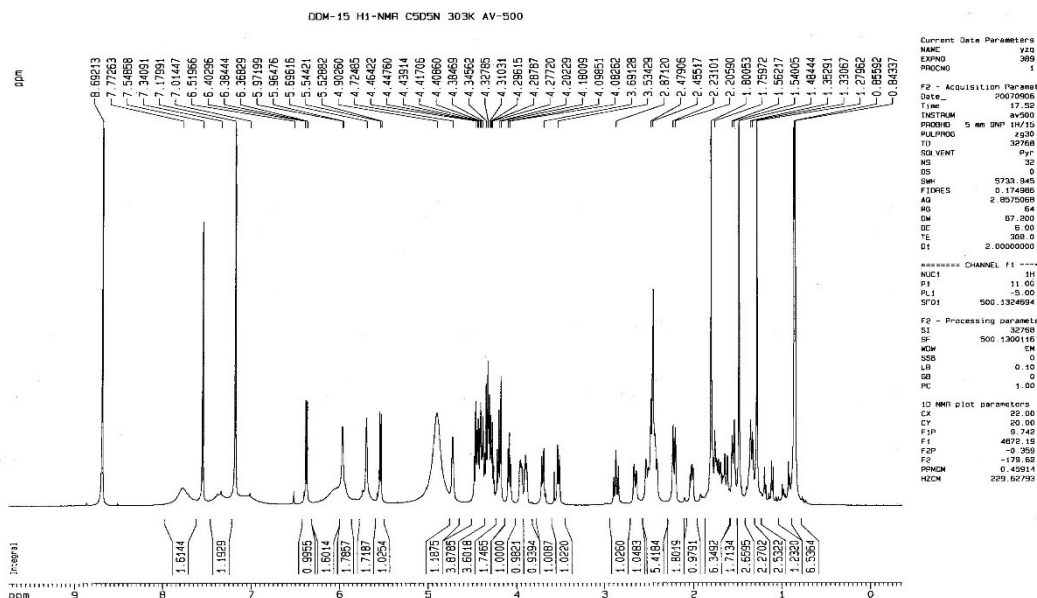


Figure S13. The ^1H NMR Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz)

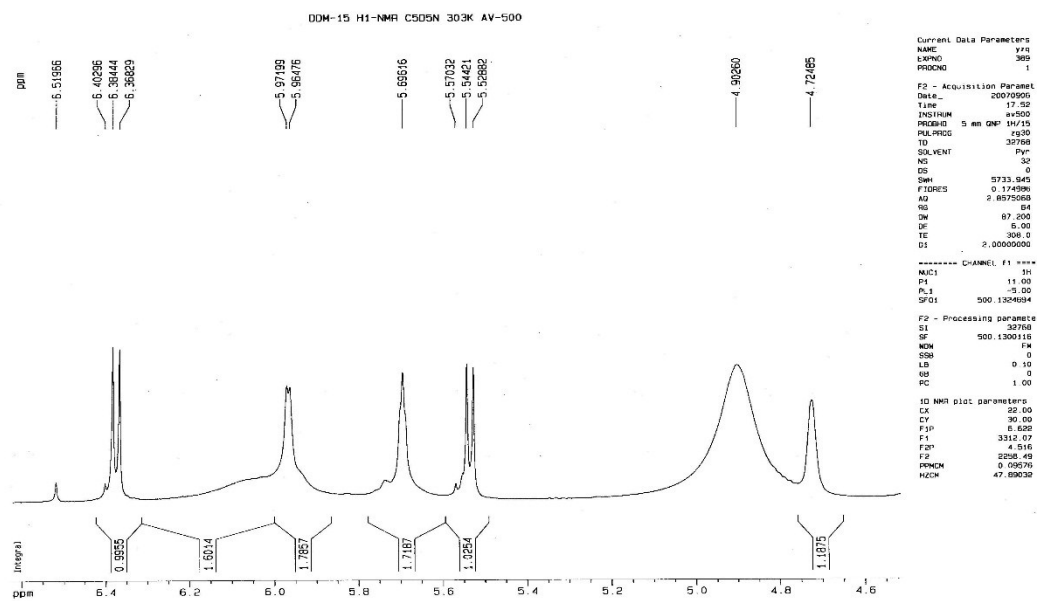


Figure S14. The ^1H NMR Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

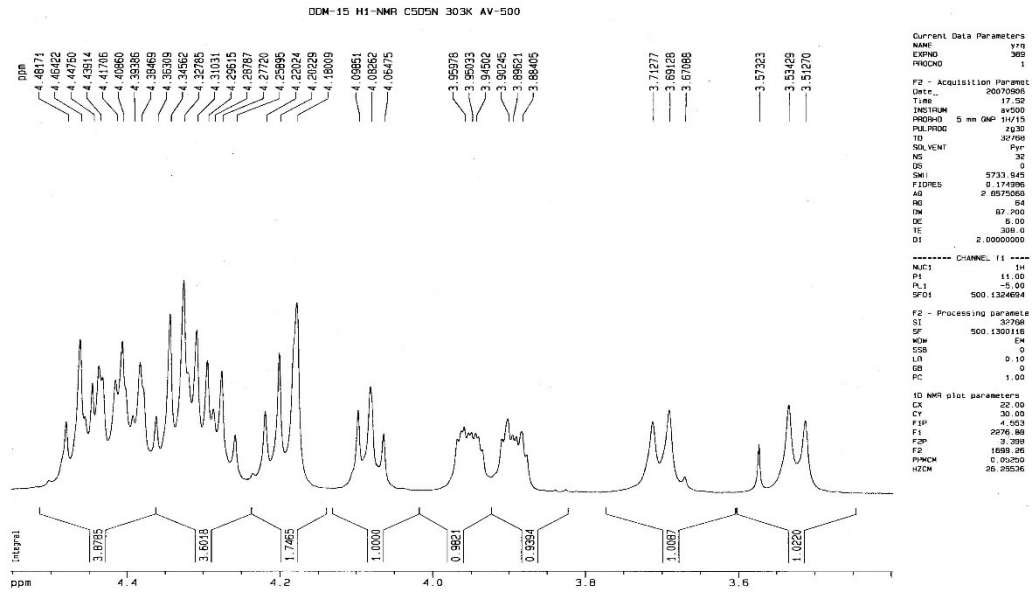


Figure S15. The ^1H NMR Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

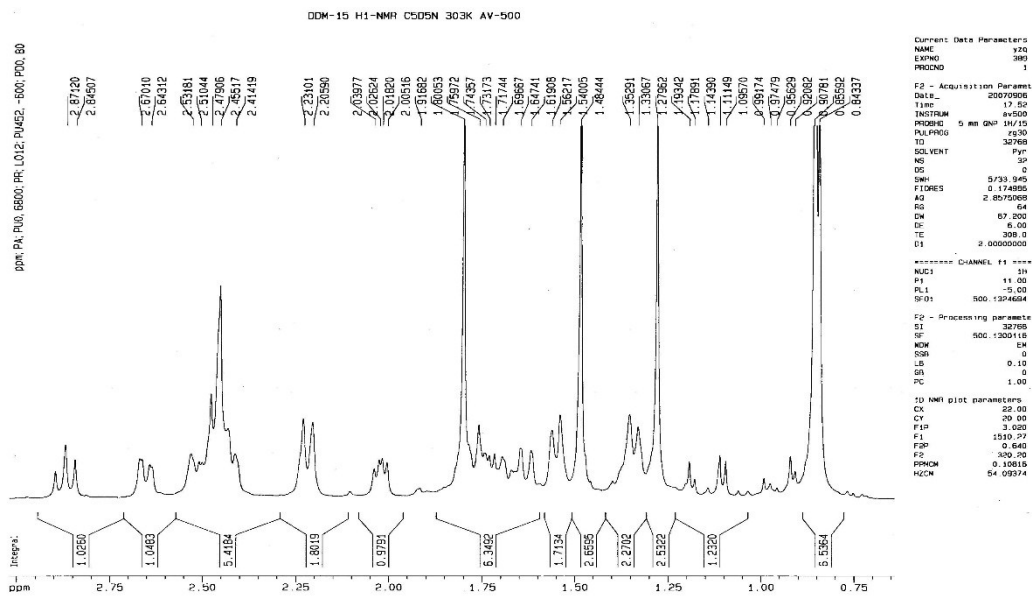


Figure S16. The ^1H NMR Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

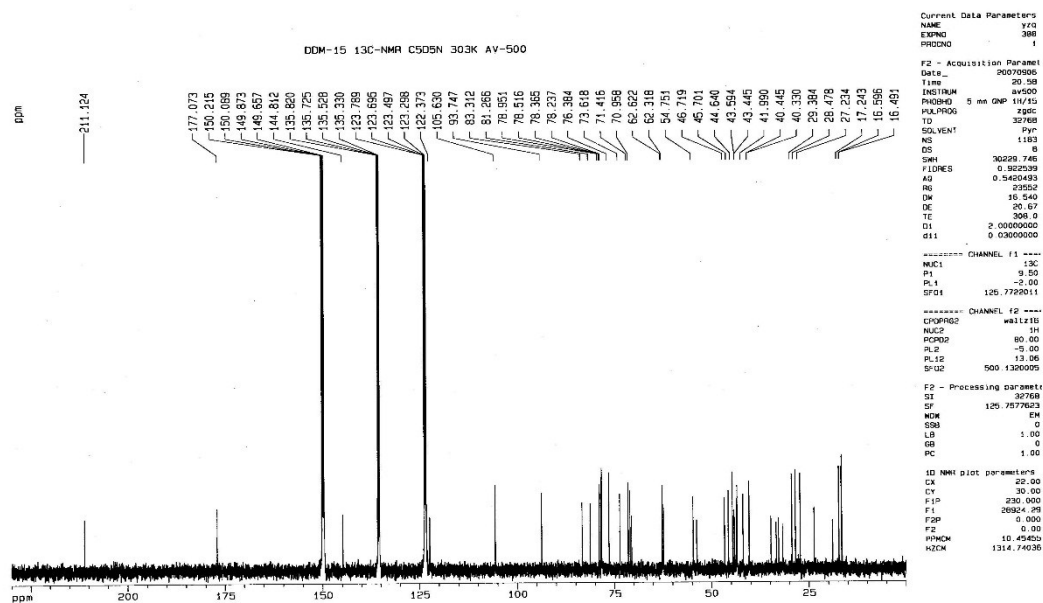


Figure S17. The ^{13}C NMR Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$ (125 MHz)

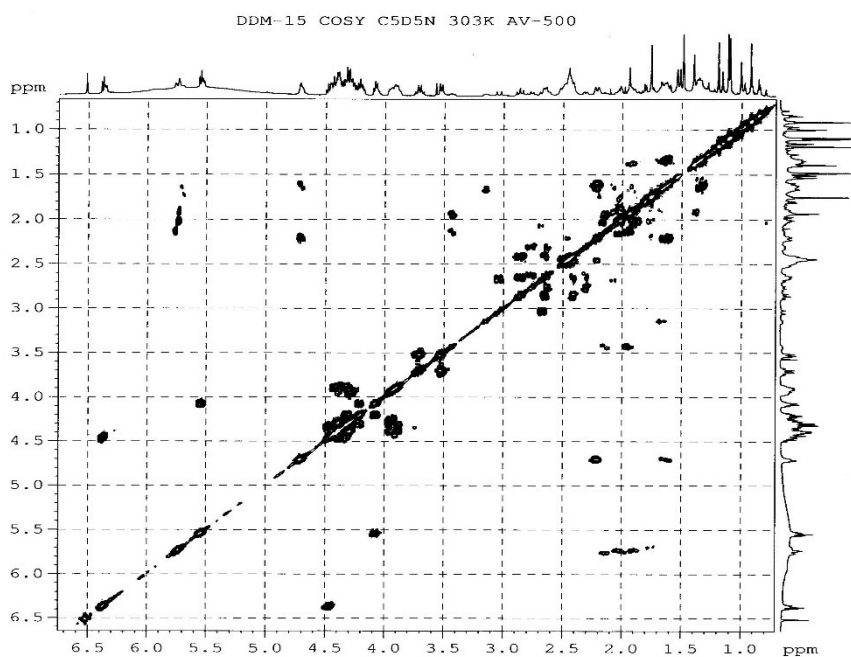


Figure S18. The ^1H - ^1H COSY Spectrum of **2** in $\text{C}_5\text{D}_5\text{N}$

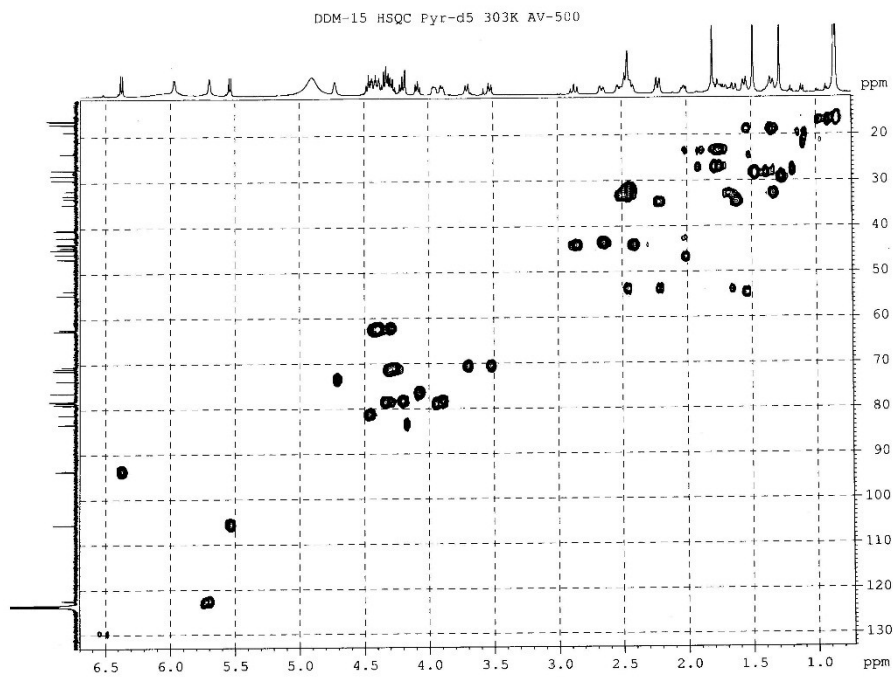


Figure S19. The HSQC Spectrum of **2** in C_5D_5N

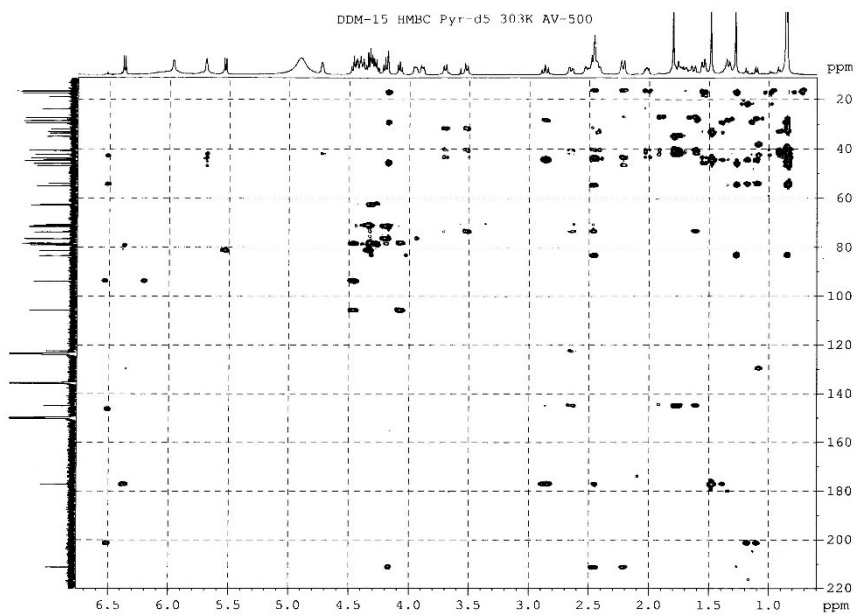


Figure S20. The HMBC Spectrum of **2** in C_5D_5N

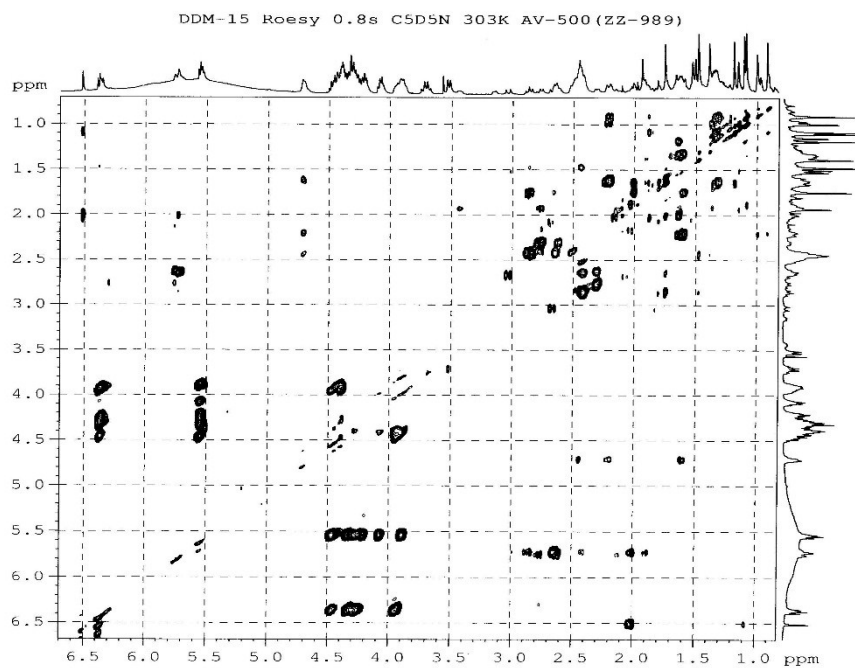


Figure S21. The ROESY Spectrum of **2** in C₅D₅N

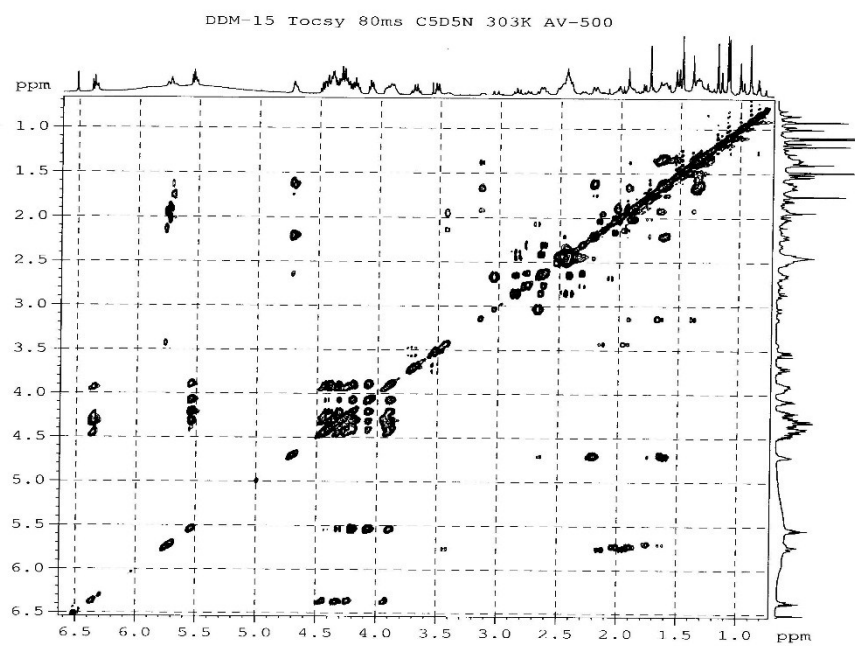


Figure S22. The TOCSY Spectrum of **2** in C₅D₅N

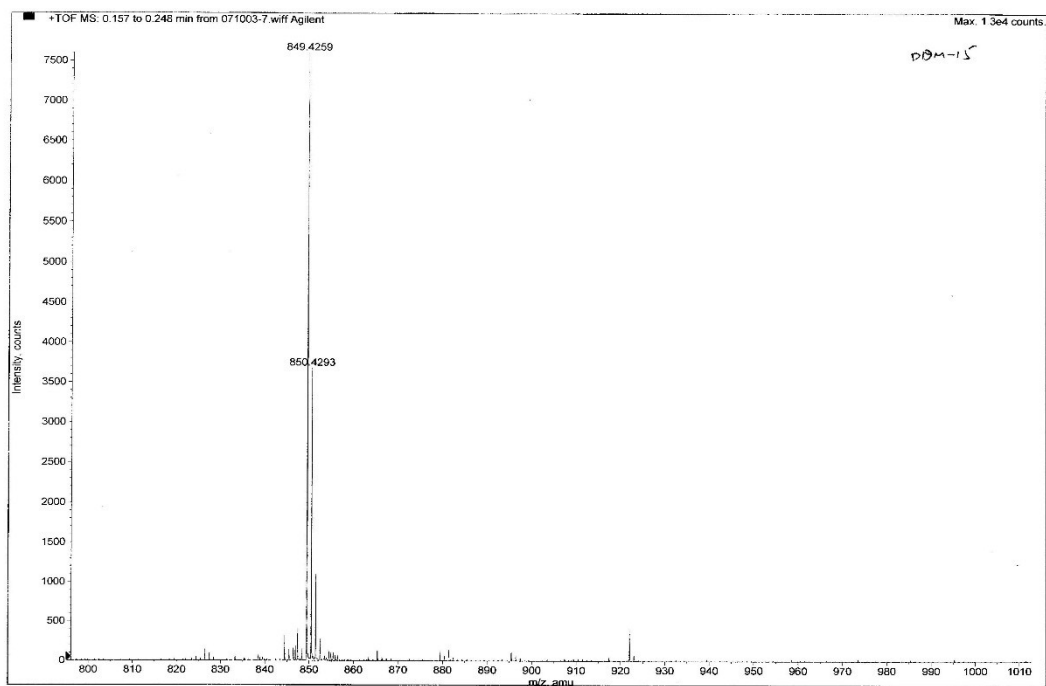


Figure S23. The HRESIMS Data of **2**

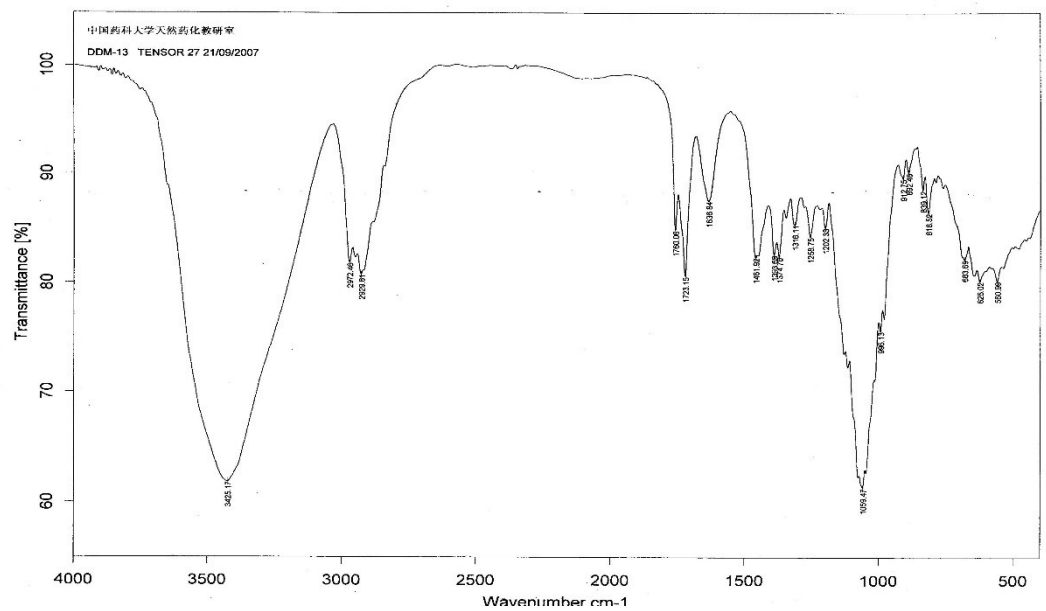


Figure S24. IR Spectrum of **3** (KBr)

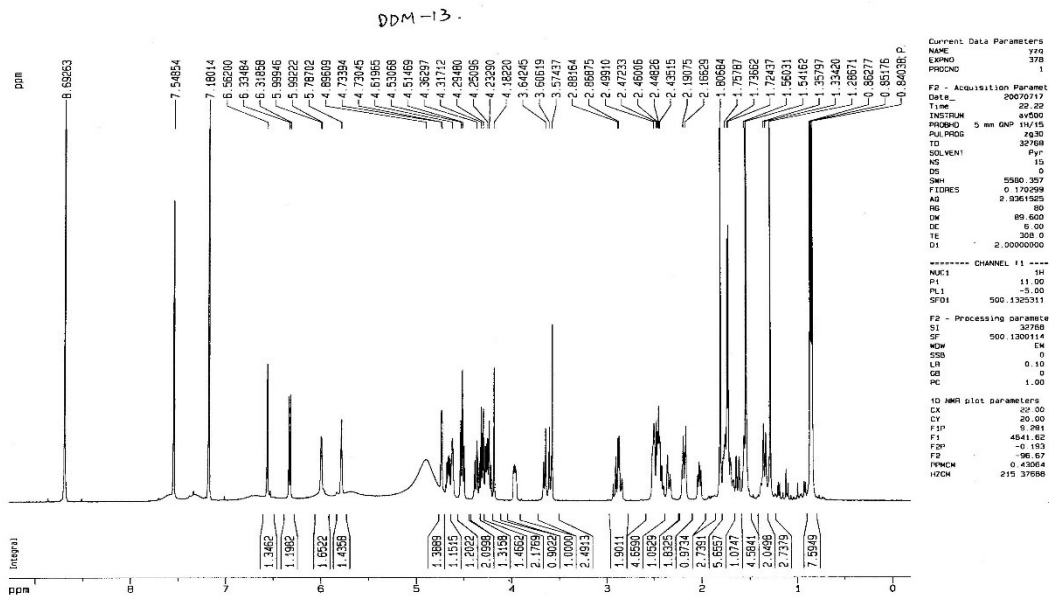


Figure S25. The ^1H NMR Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz)

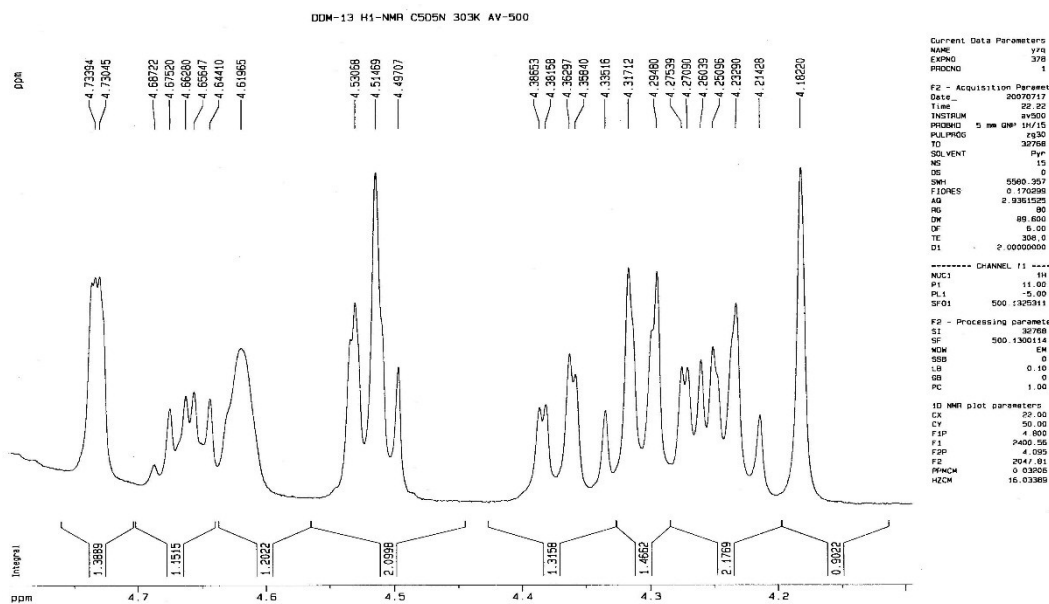


Figure S26. The ^1H NMR Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

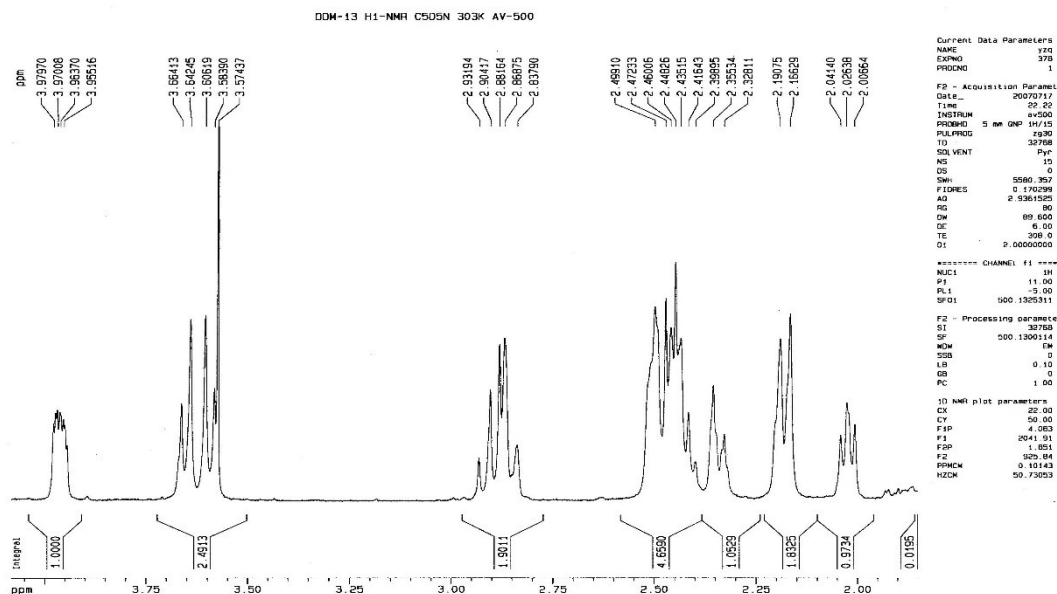


Figure S27. The ^1H NMR Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

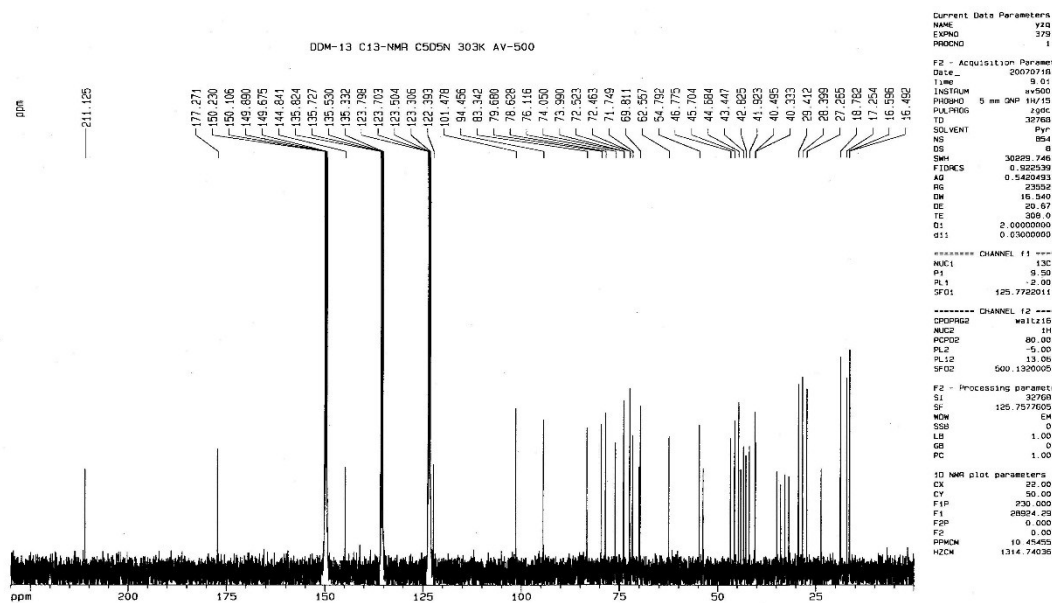


Figure S28. The ^{13}C NMR Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$ (125 MHz)

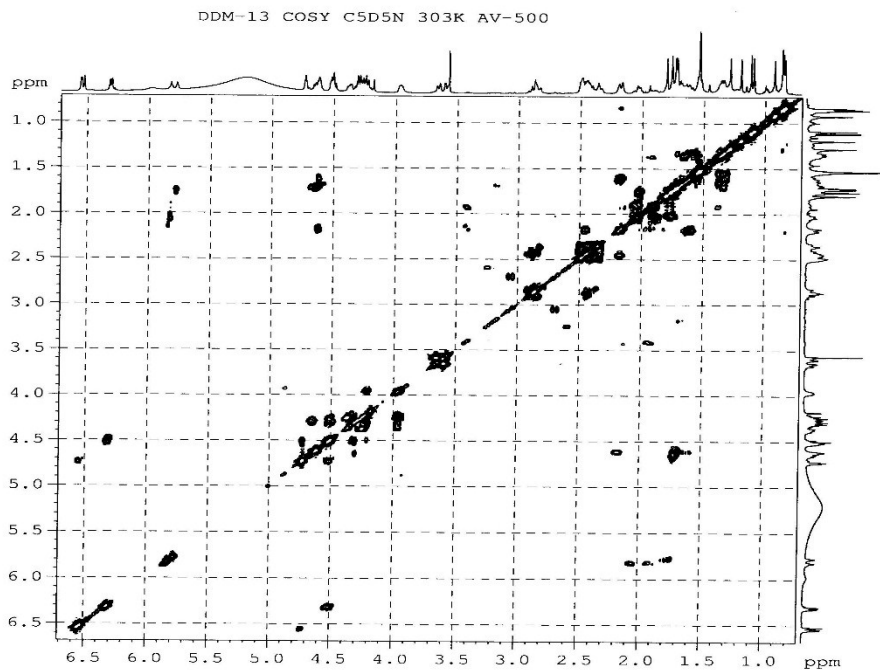


Figure S29. The ^1H - ^1H COSY Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$

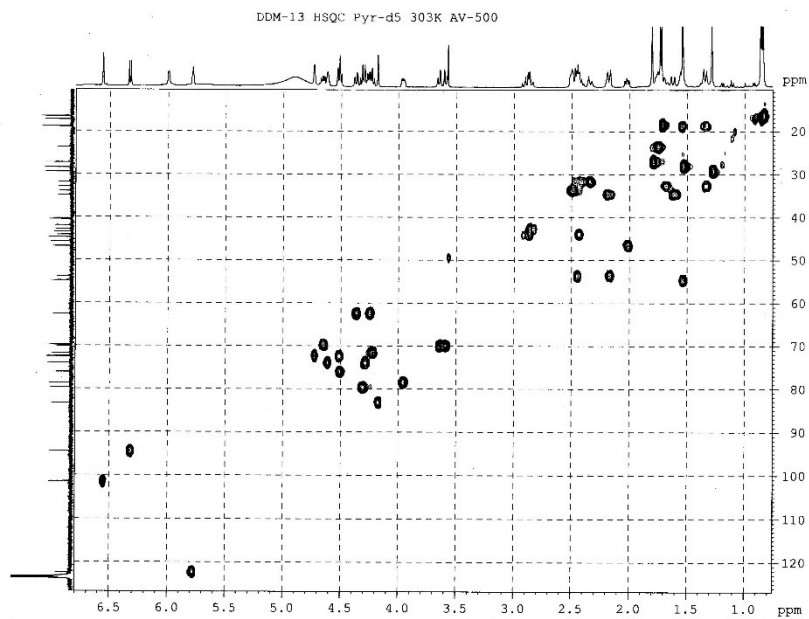


Figure S30. The HSQC Spectrum of **3** in $\text{C}_5\text{D}_5\text{N}$

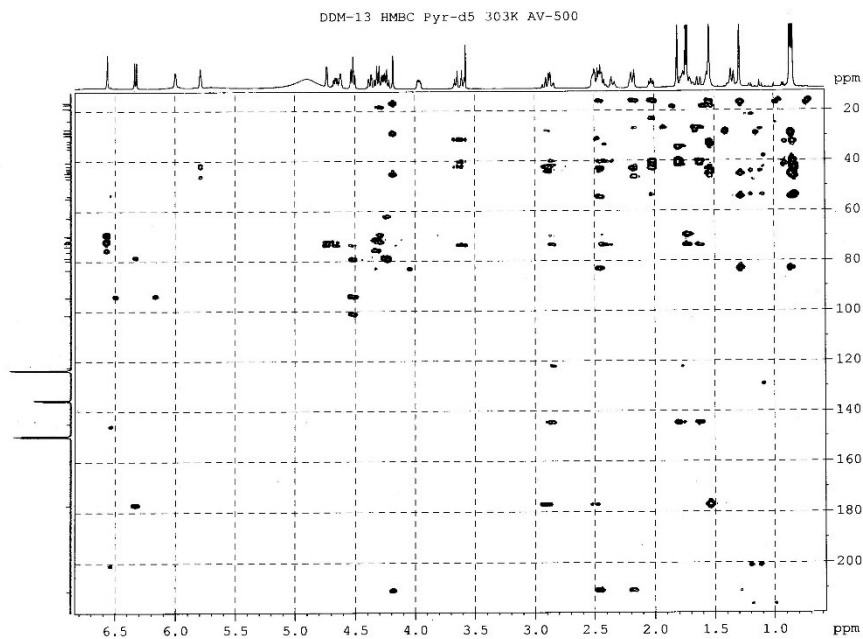


Figure S31. The HMBC Spectrum of **3** in C_5D_5N

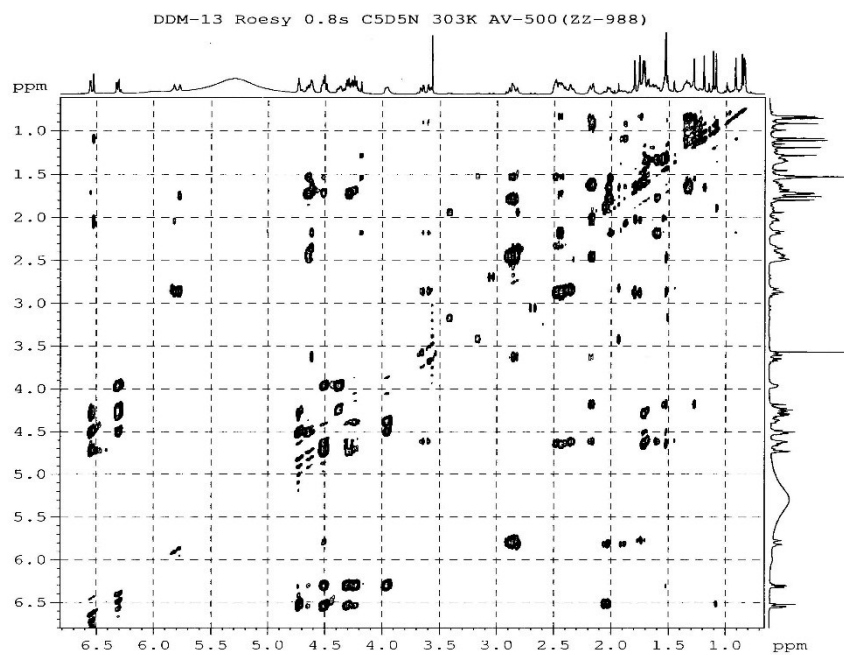


Figure S32. The ROESY Spectrum of **3** in C_5D_5N

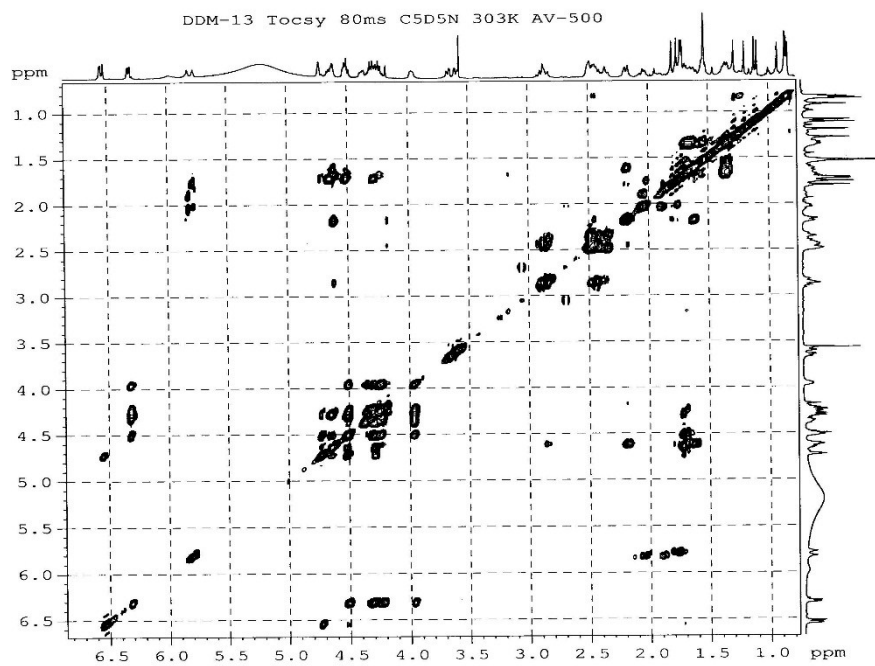


Figure S33. The TOCSY Spectrum of **3** in C₅D₅N

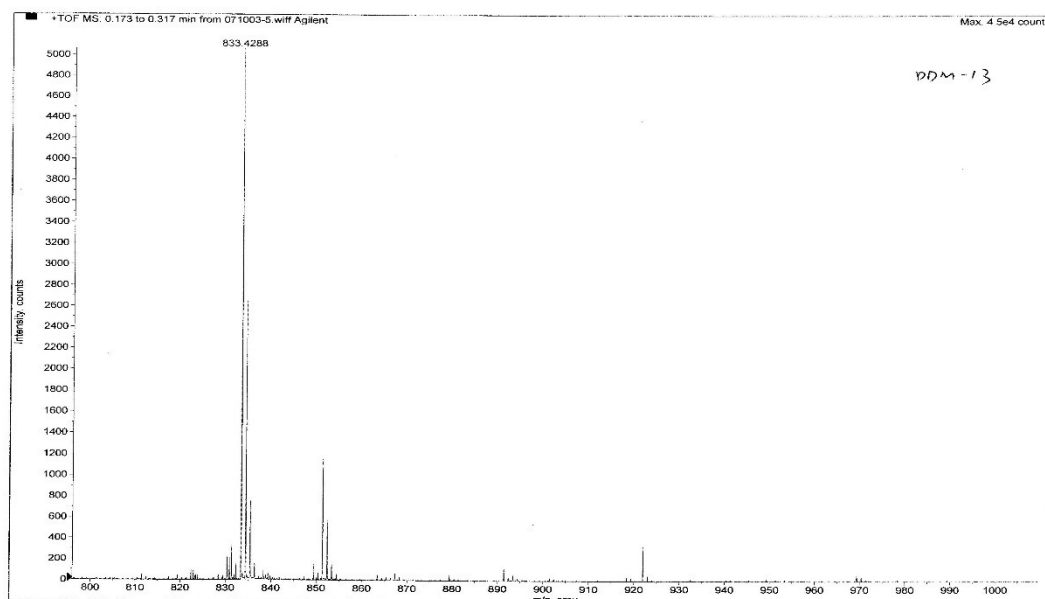


Figure S34. The HRESIMS Data of **3**

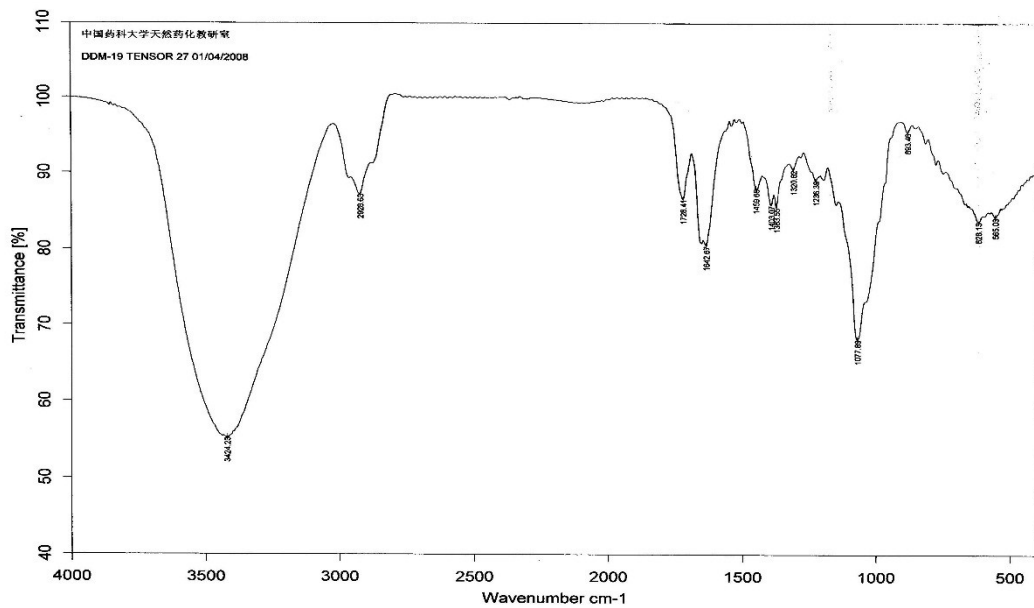


Figure S35. IR Spectrum of 4 (KBr)

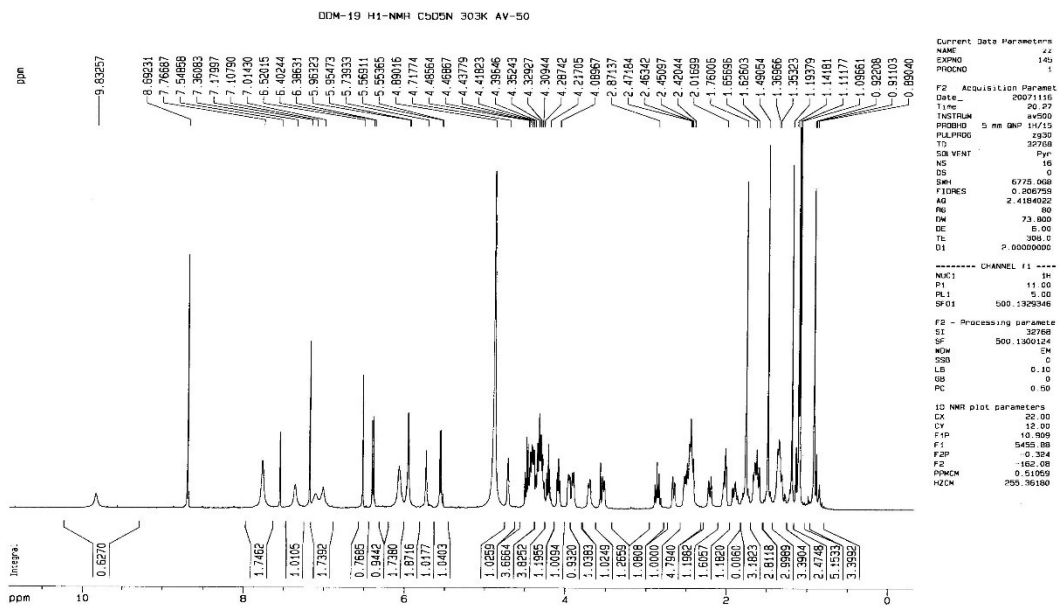


Figure S36. The ^1H NMR Spectrum of 4 in $\text{C}_5\text{D}_5\text{N}$ (500 MHz)

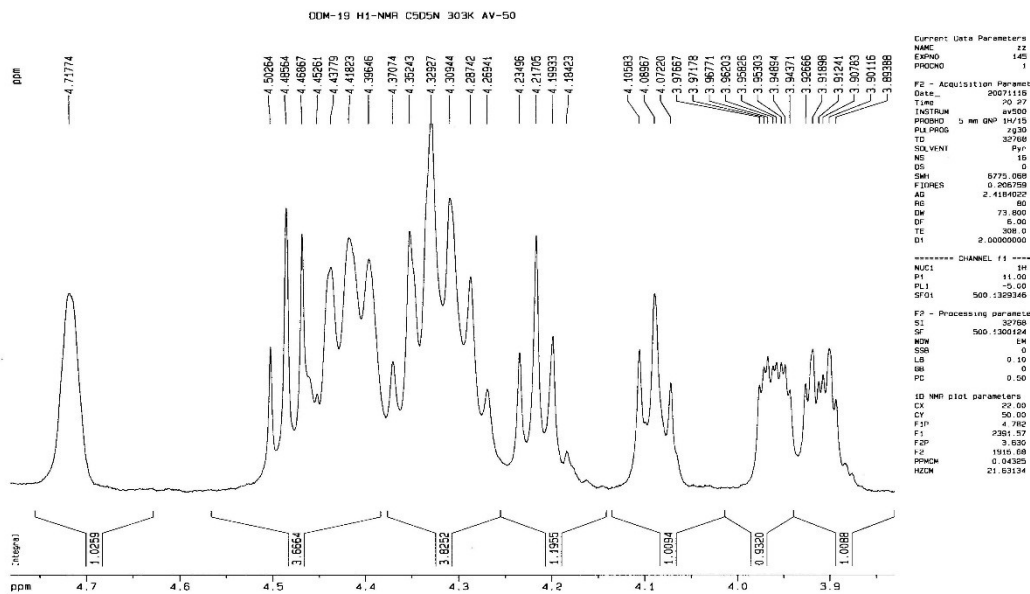


Figure S37. The ^1H NMR Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

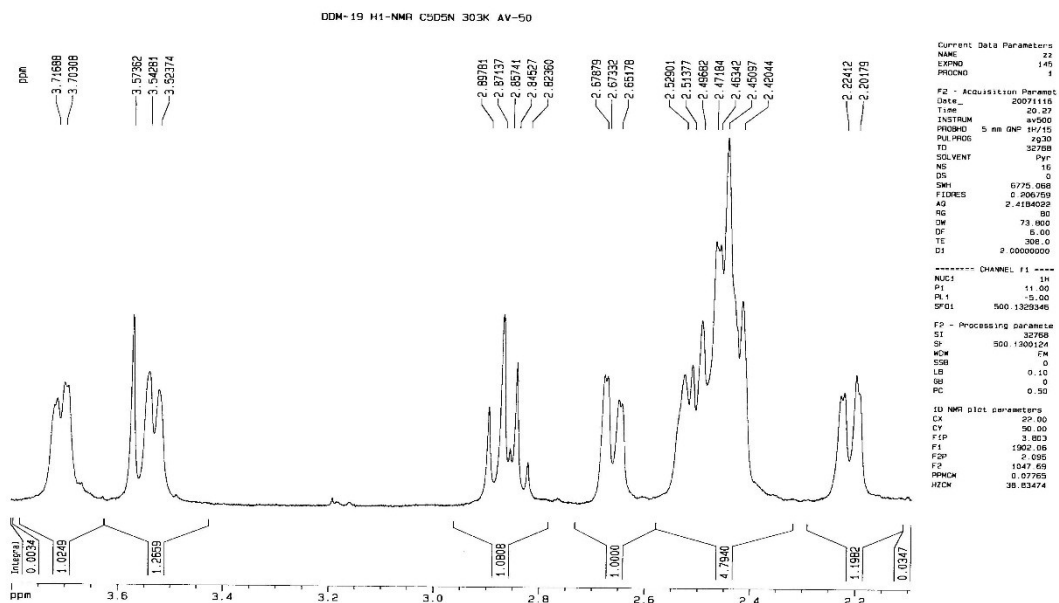


Figure S38. The ^1H NMR Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

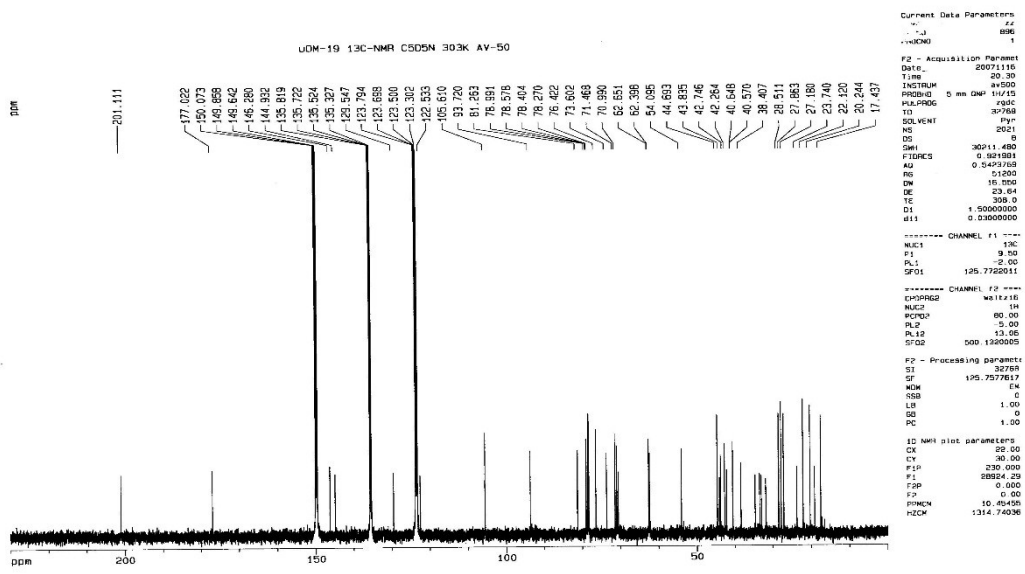


Figure S39. The ^{13}C NMR Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$ (125 MHz)

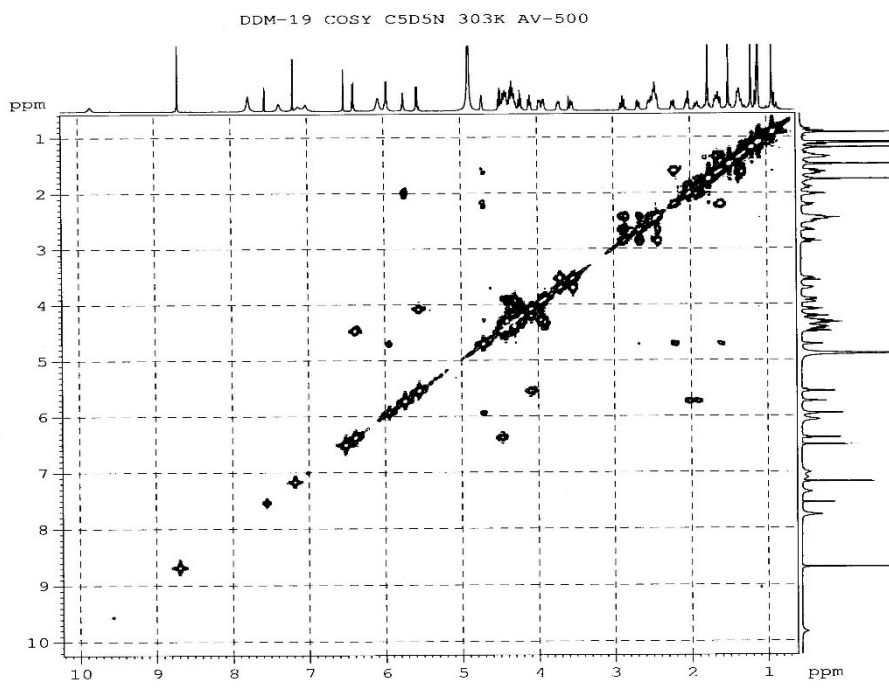


Figure S40. The ^1H - ^1H COSY Spectrum of **4** in $\text{C}_5\text{D}_5\text{N}$

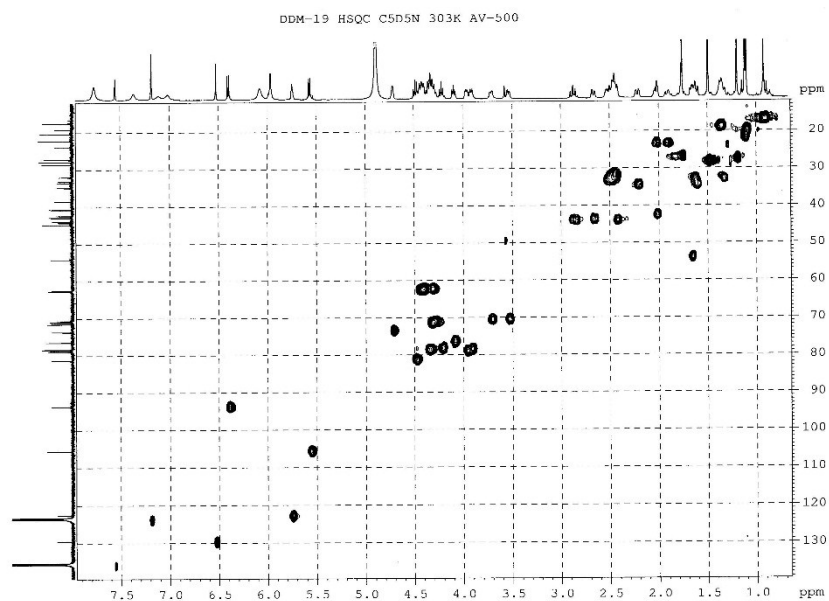


Figure S41. The HSQC Spectrum of **4** in C_5D_5N

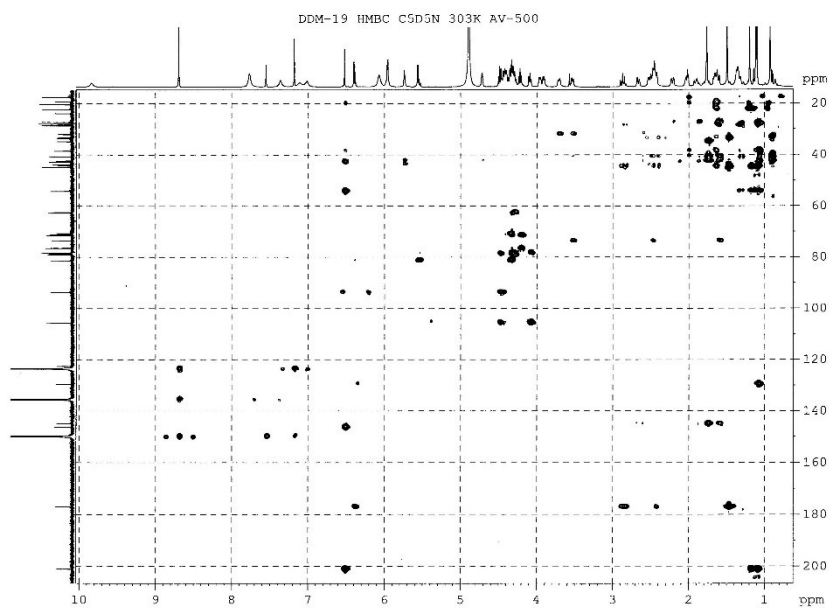


Figure S42. The HMBC Spectrum of **4** in C_5D_5N

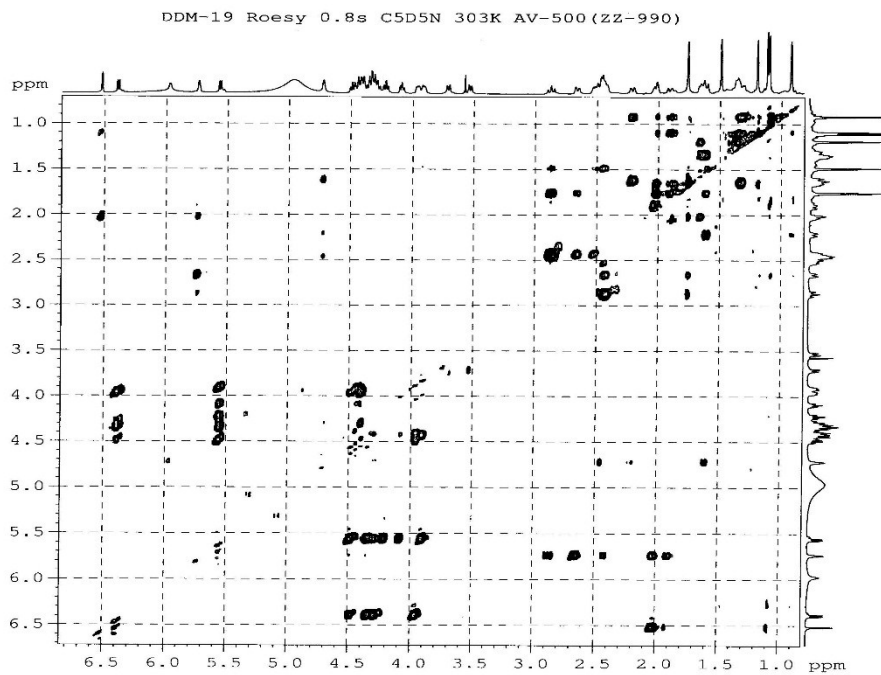


Figure S43. The ROESY Spectrum of **4** in C₅D₅N

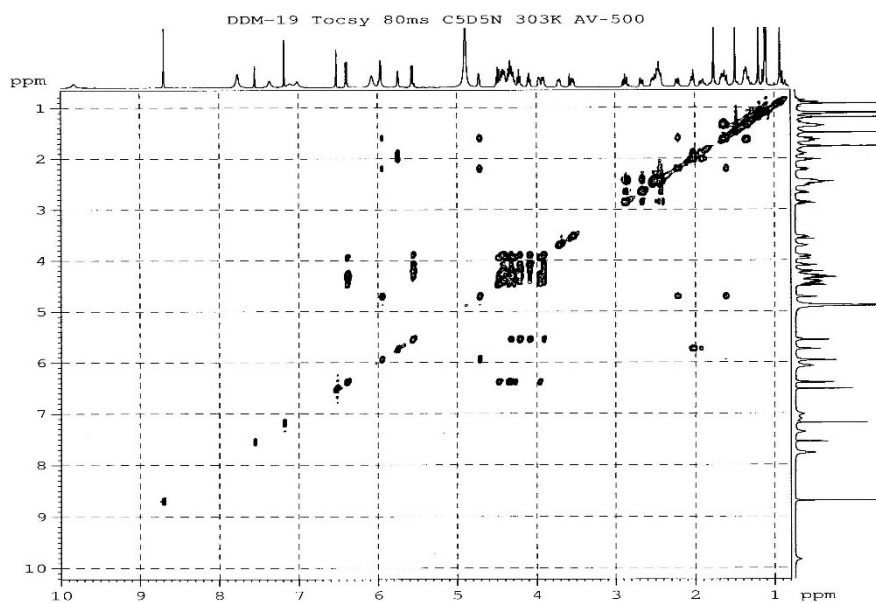


Figure S44. The TOCSY Spectrum of **4** in C₅D₅N

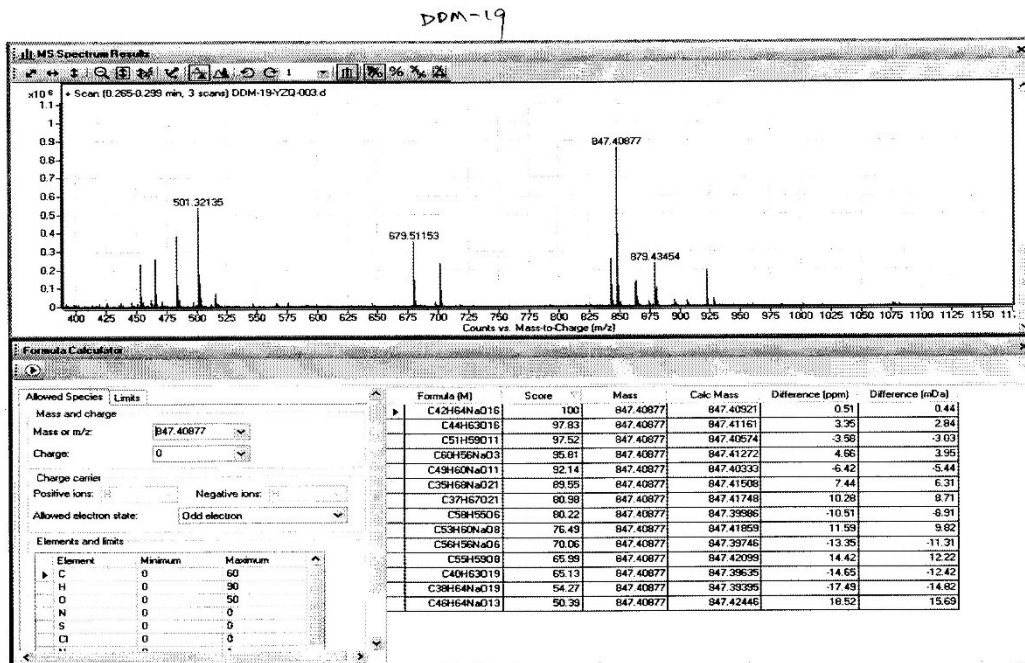


Figure S45. The HRESIMS Data of 4

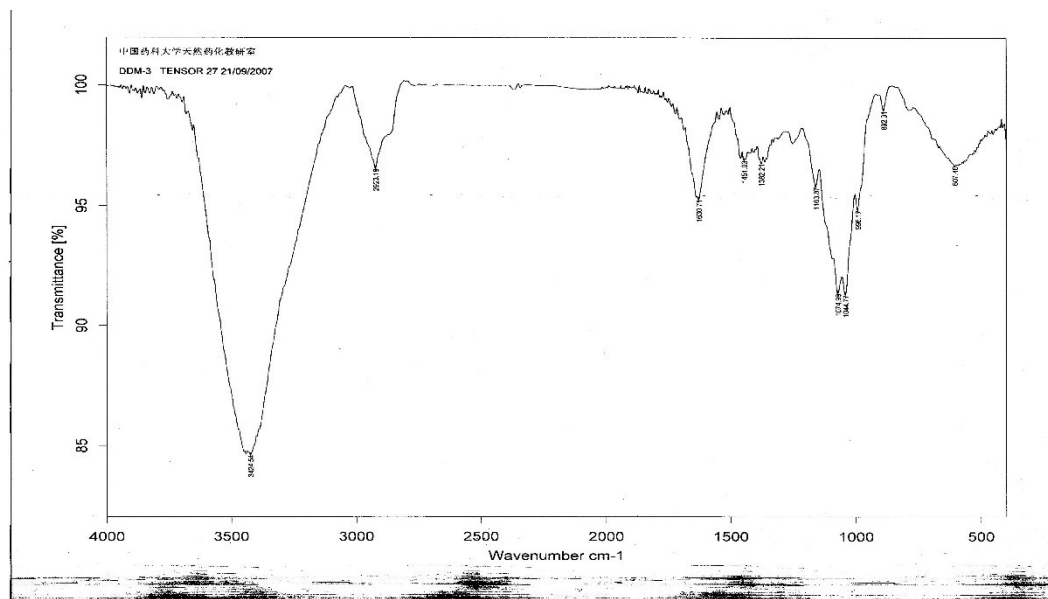


Figure S46. IR Spectrum of 5 (KBr)

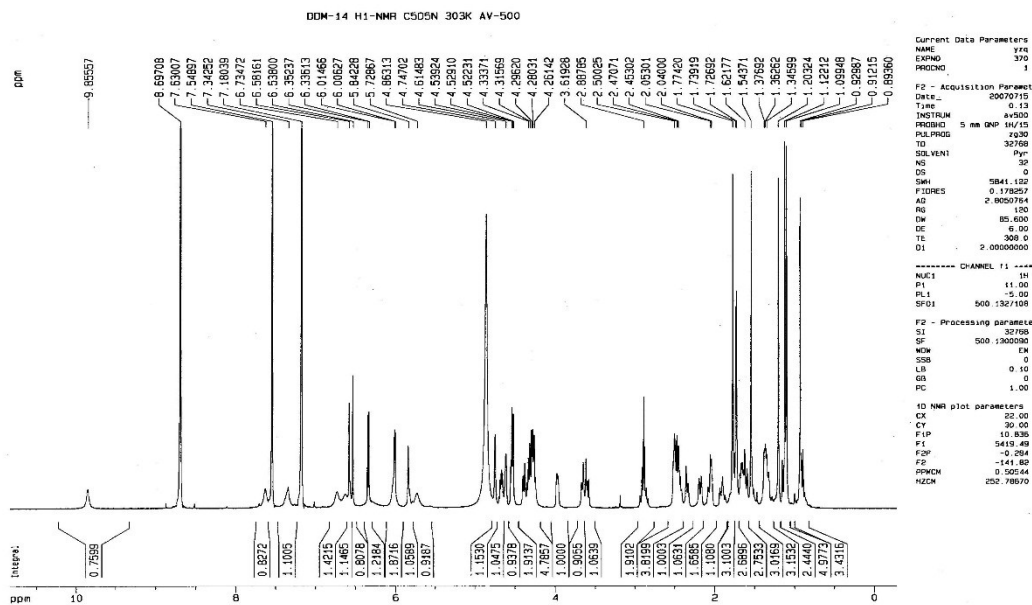


Figure S47. The ^1H NMR Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz)

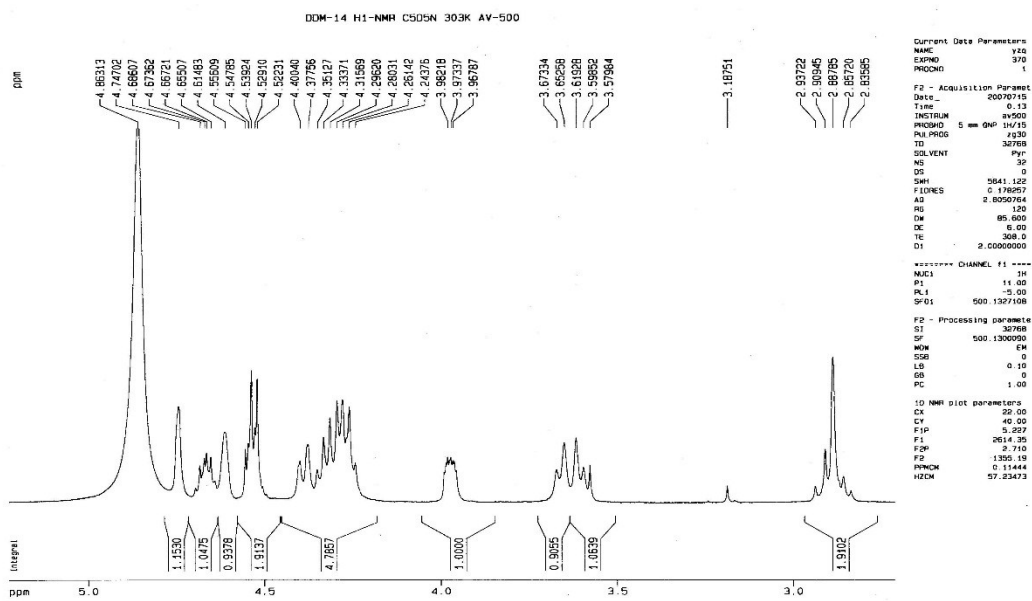


Figure S48. The ^1H NMR Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

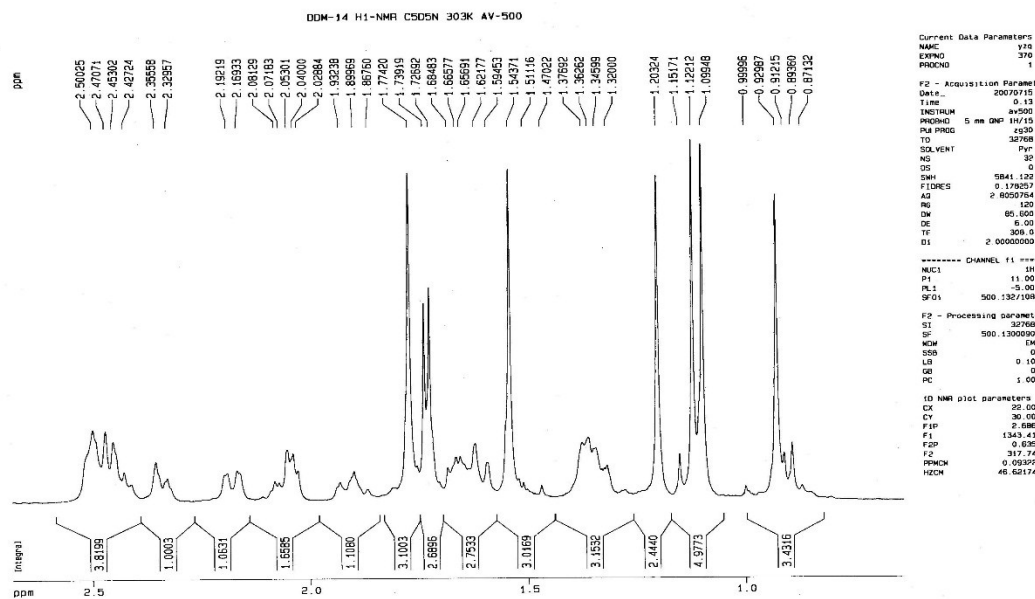


Figure S49. The ^1H NMR Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

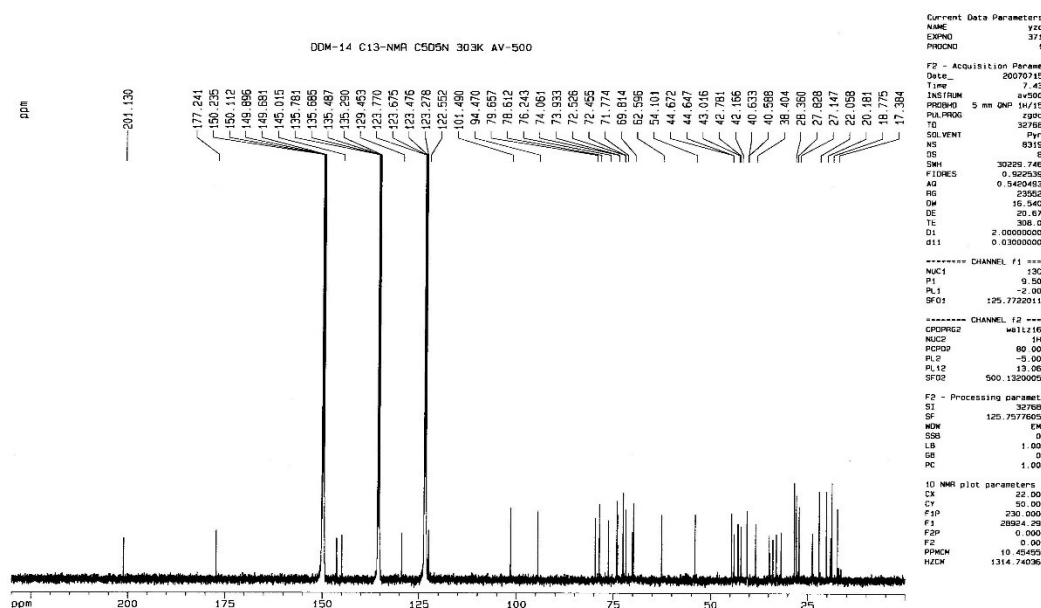


Figure S50. The ^{13}C NMR Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$ (125 MHz)

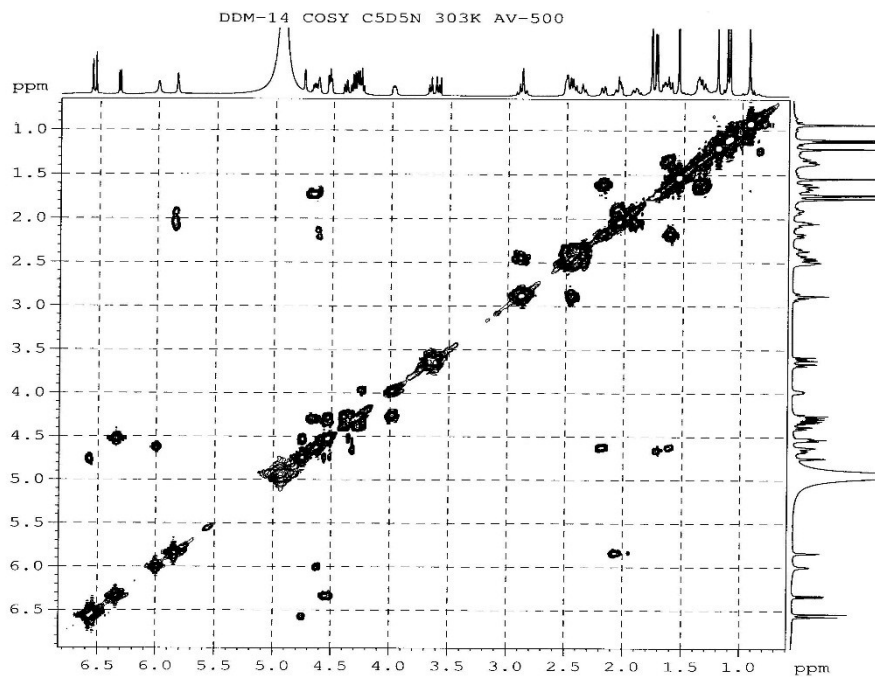


Figure S51. The ^1H - ^1H COSY Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$

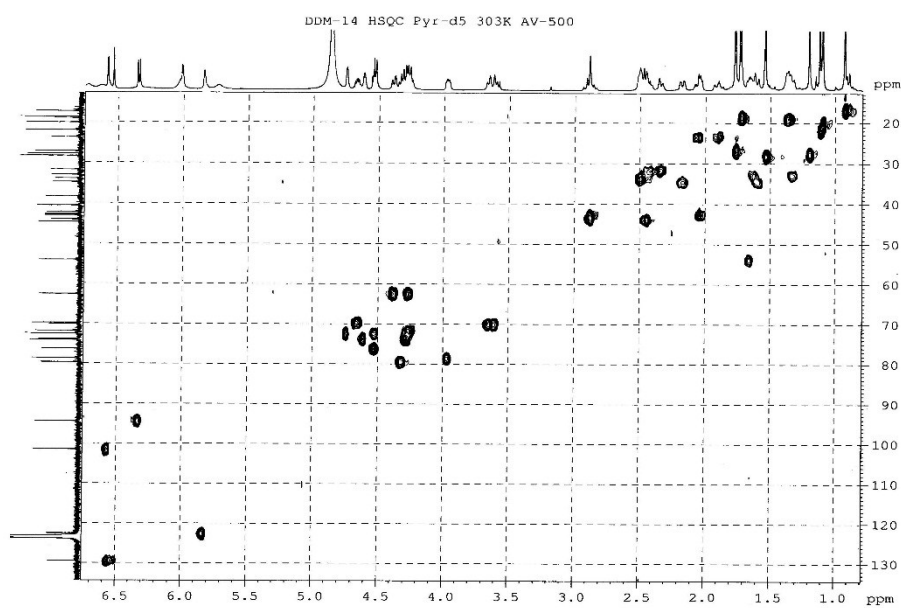


Figure S52. The HSQC Spectrum of **5** in $\text{C}_5\text{D}_5\text{N}$

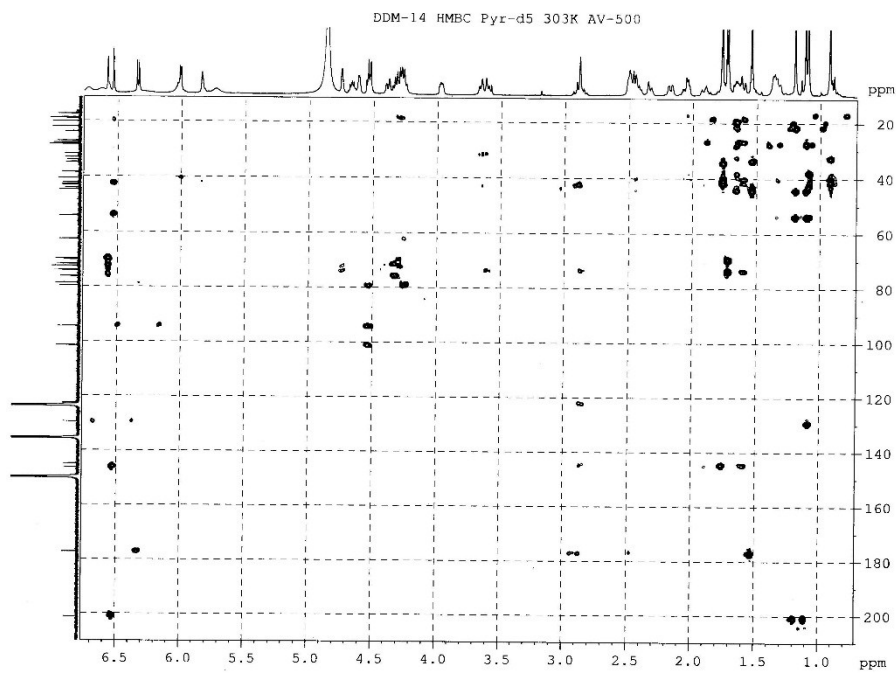


Figure S53. The HMBC Spectrum of **5** in C_5D_5N

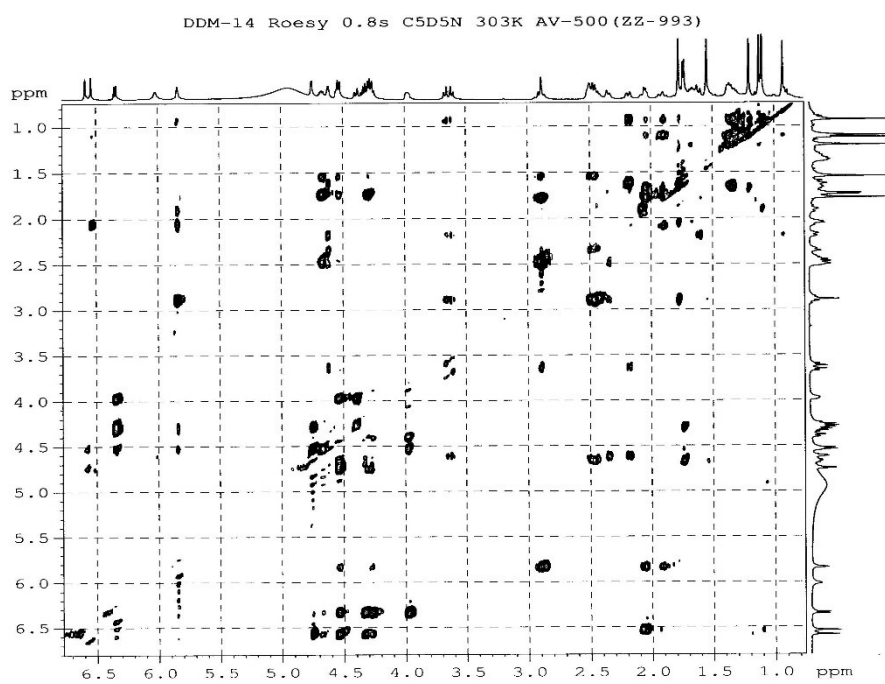


Figure S54. The ROESY Spectrum of **5** in C_5D_5N

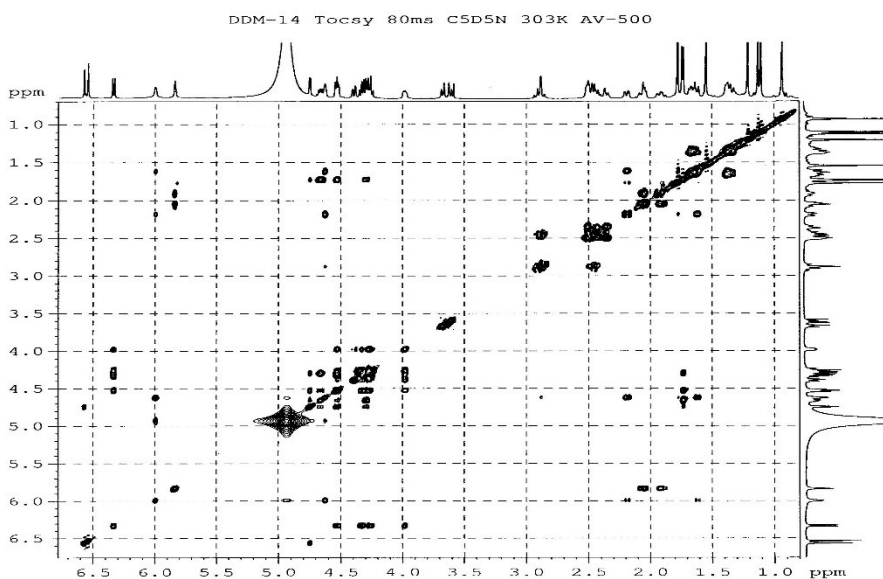


Figure S55. The TOCSY Spectrum of **5** in C₅D₅N

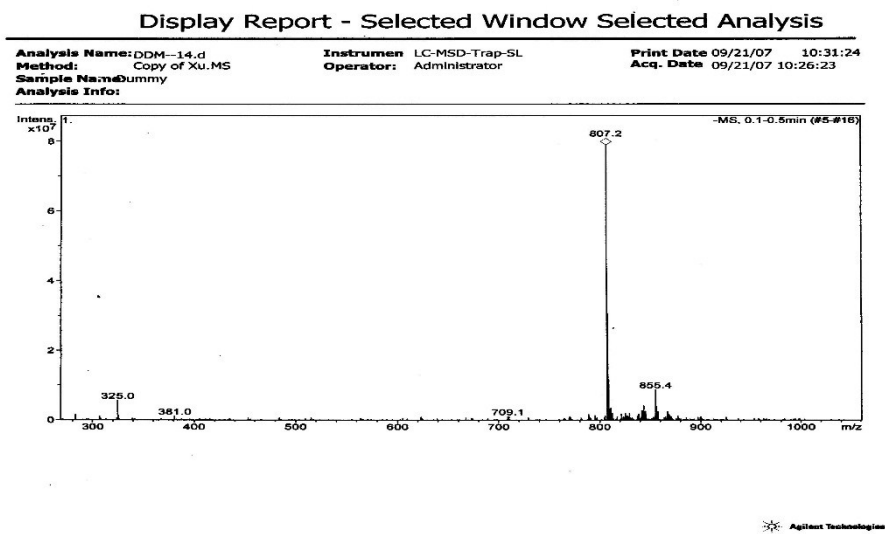


Figure S56. The HRESIMS Data of **5**

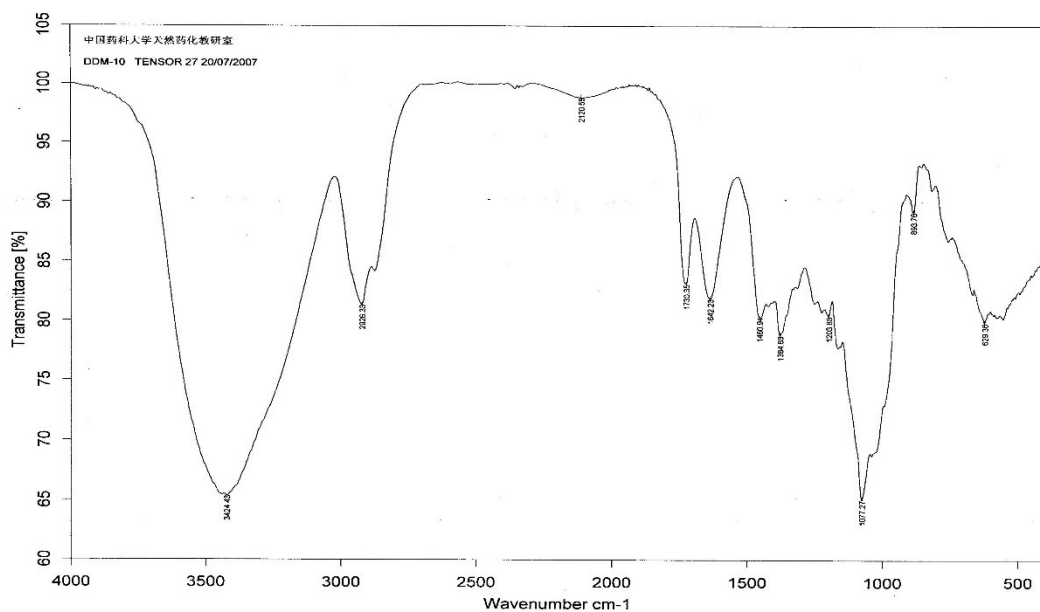


Figure S57. IR Spectrum of **6** in (KBr)

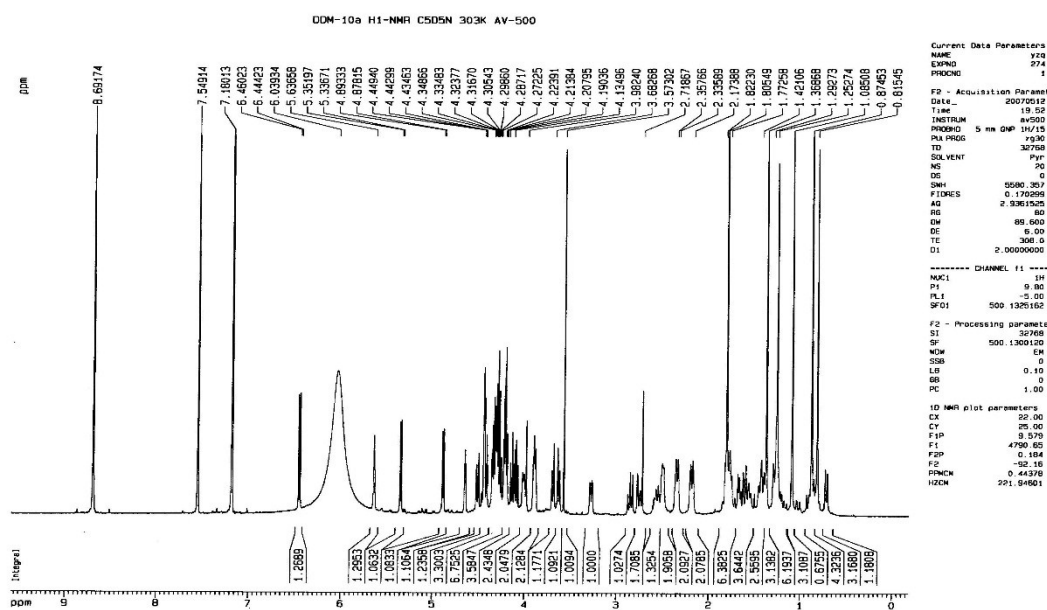


Figure S58. The ^1H NMR Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz)

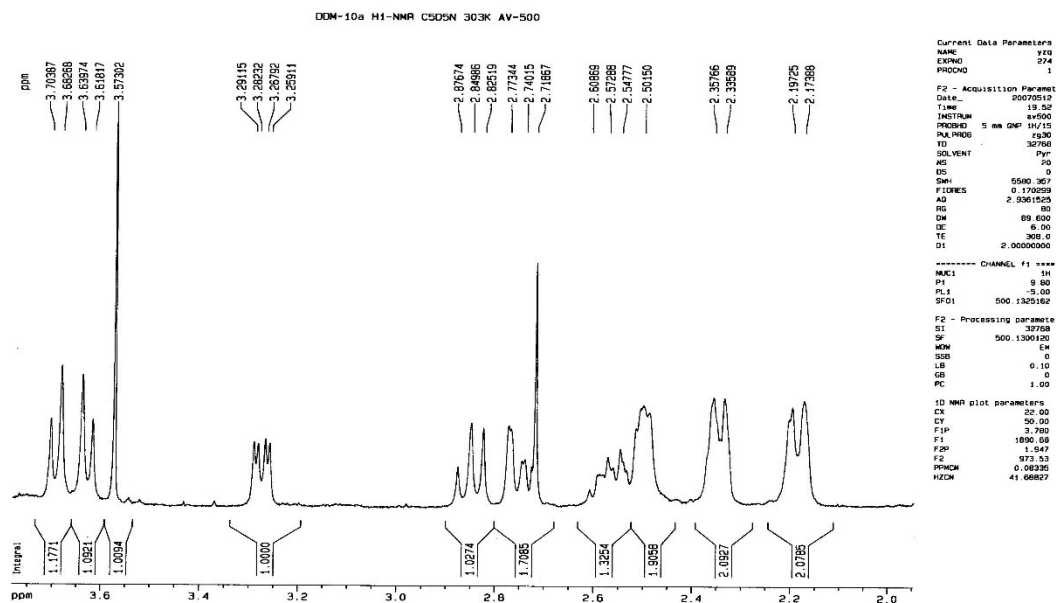


Figure S59. The ^1H NMR Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

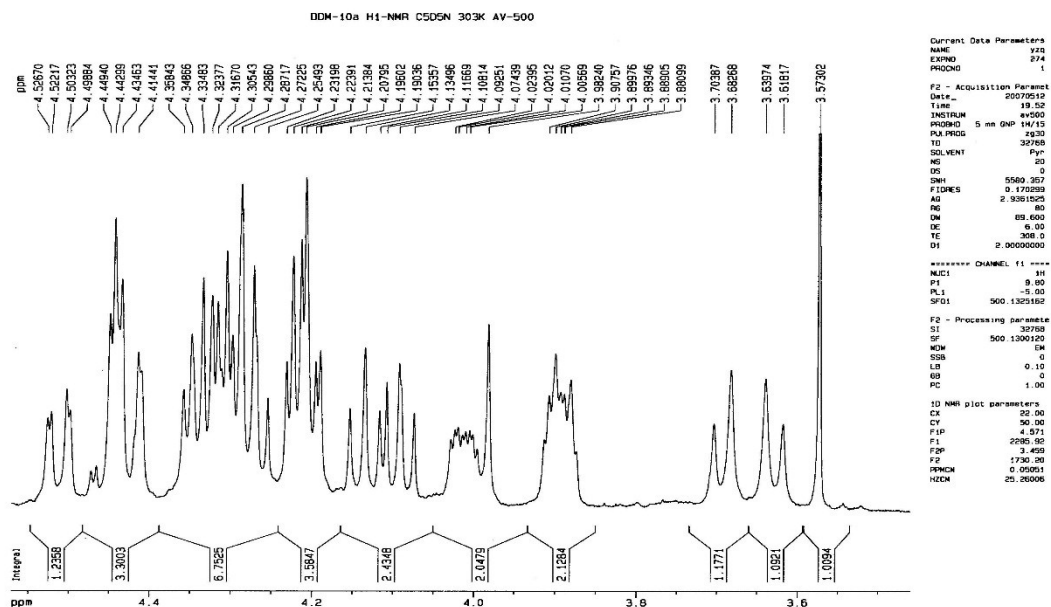


Figure S60. The ^1H NMR Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$ (500 MHz) (enlarged)

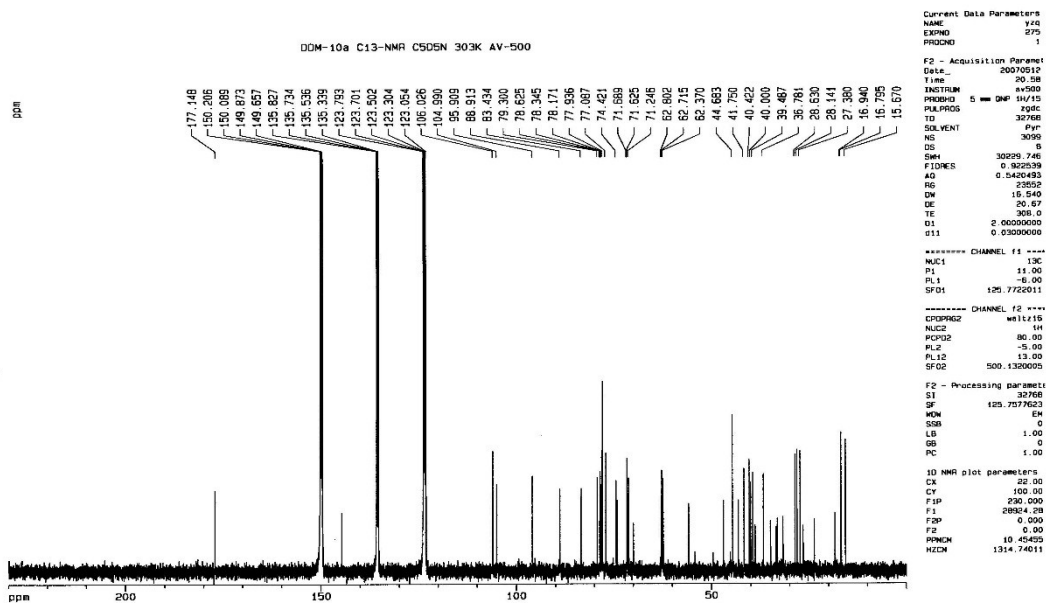


Figure S61. The ^{13}C NMR Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$ (125 MHz)

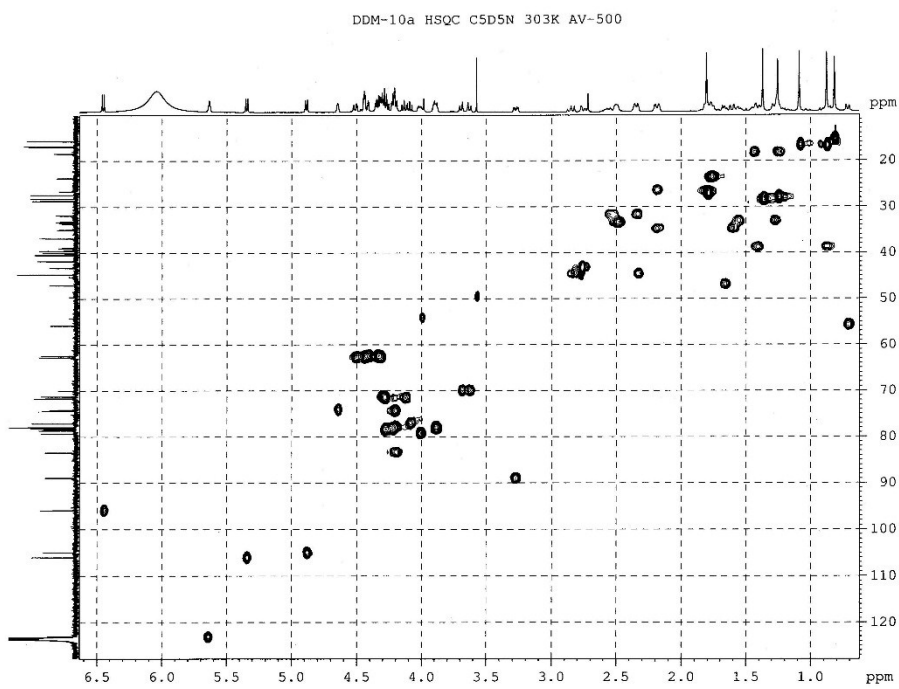


Figure S62. The HSQC Spectrum of **6** in $\text{C}_5\text{D}_5\text{N}$

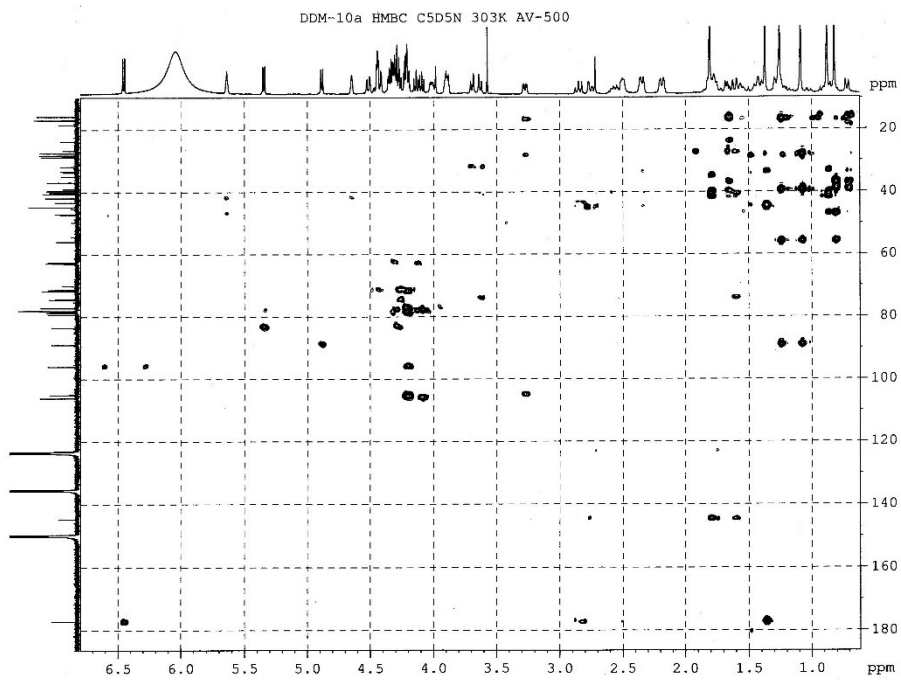


Figure S63. The HMBC Spectrum of **6** in C₅D₅N

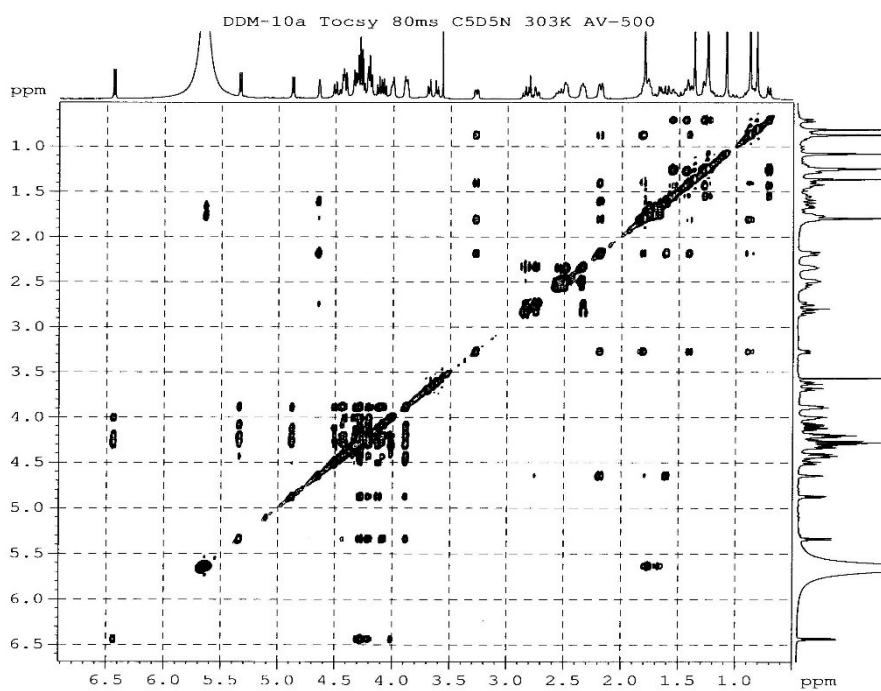


Figure S64. The TOCSY Spectrum of **6** in C₅D₅N

DDM-10

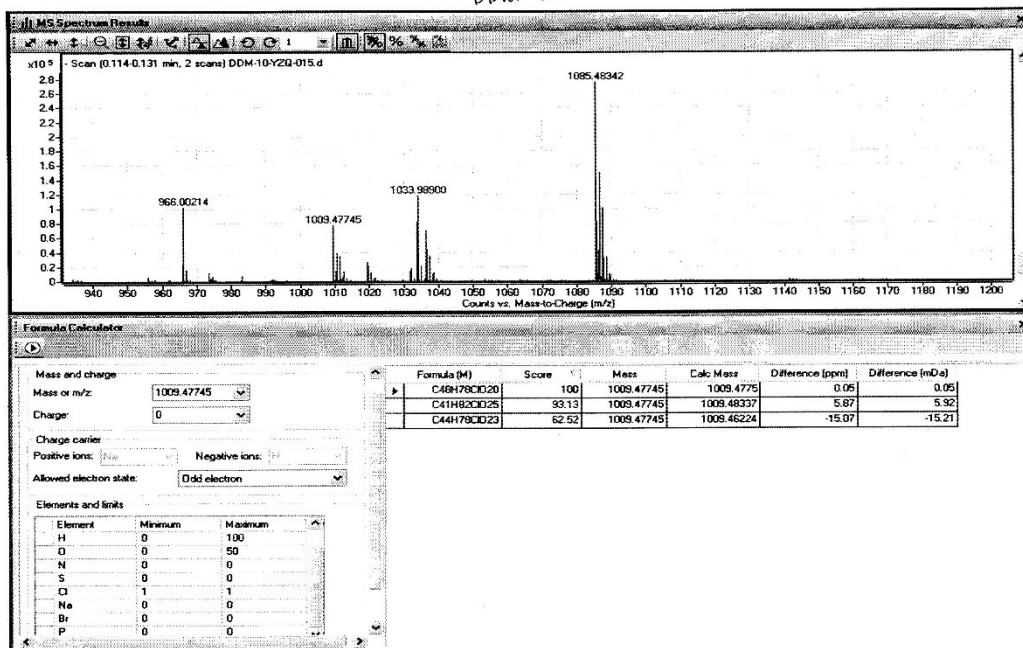


Figure S65. The HRESIMS Data of 6