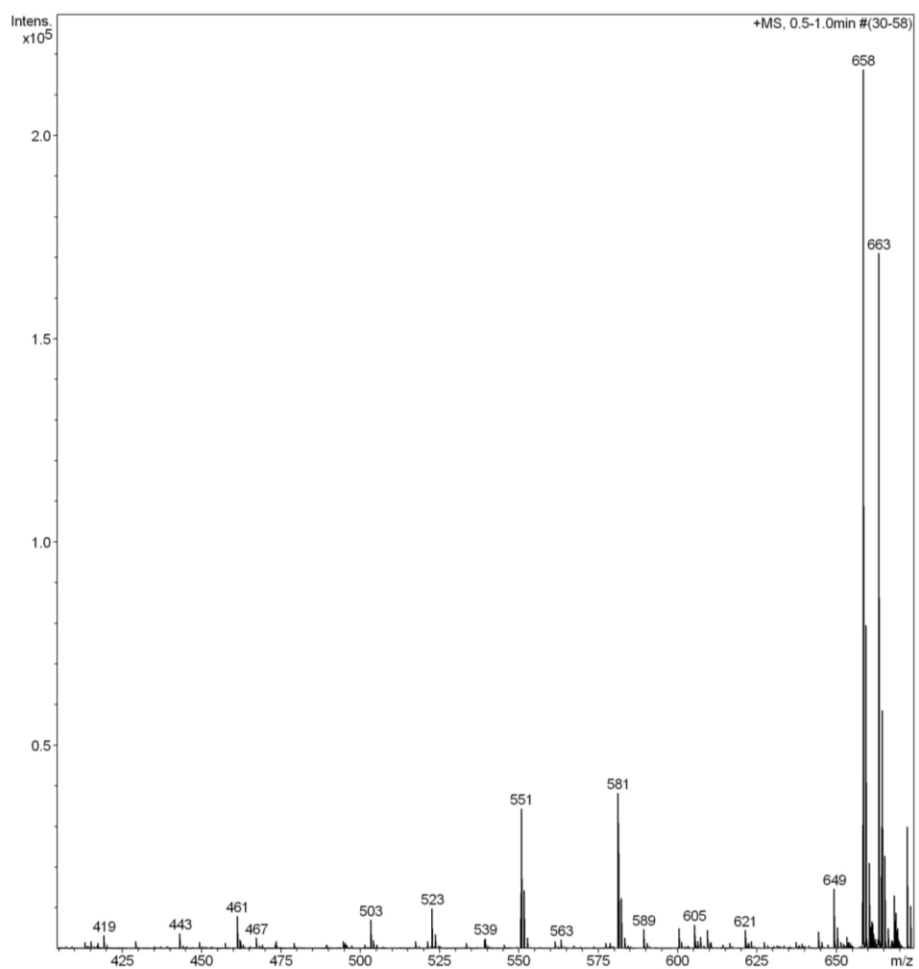
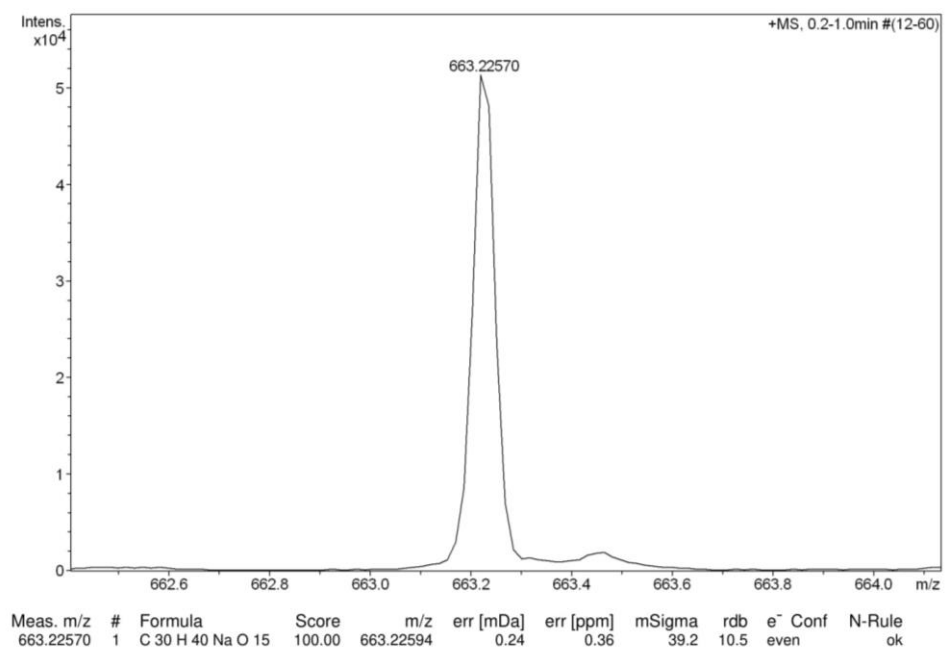


Supporting information

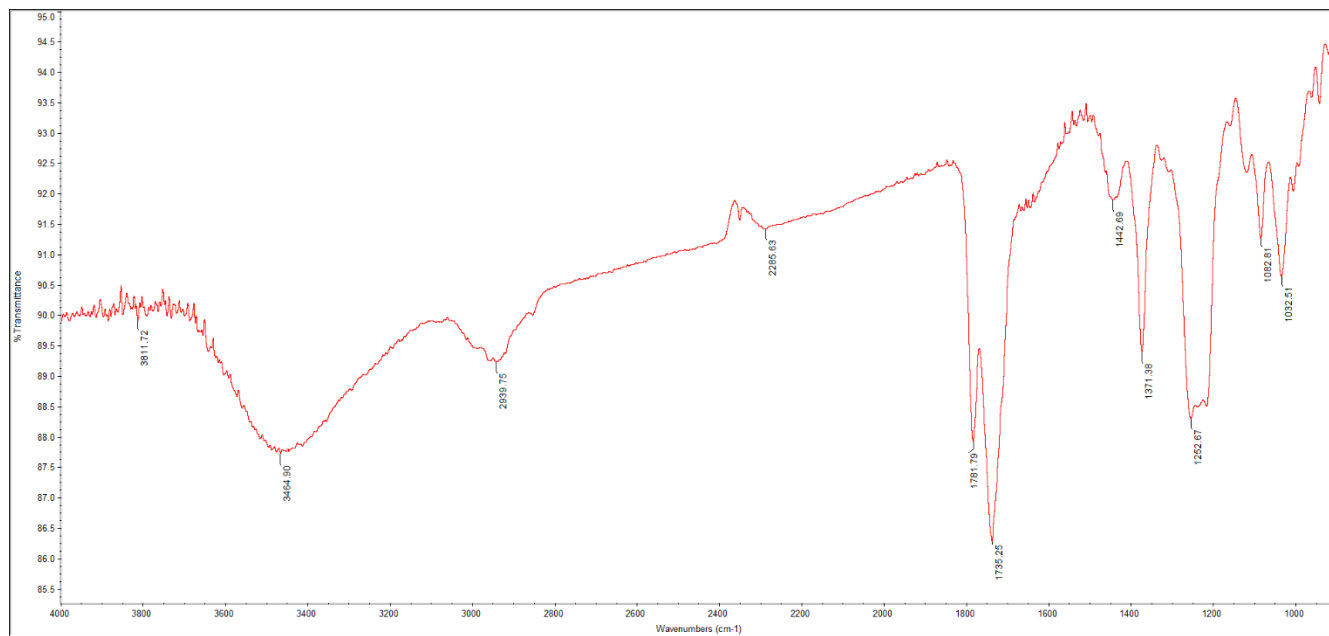
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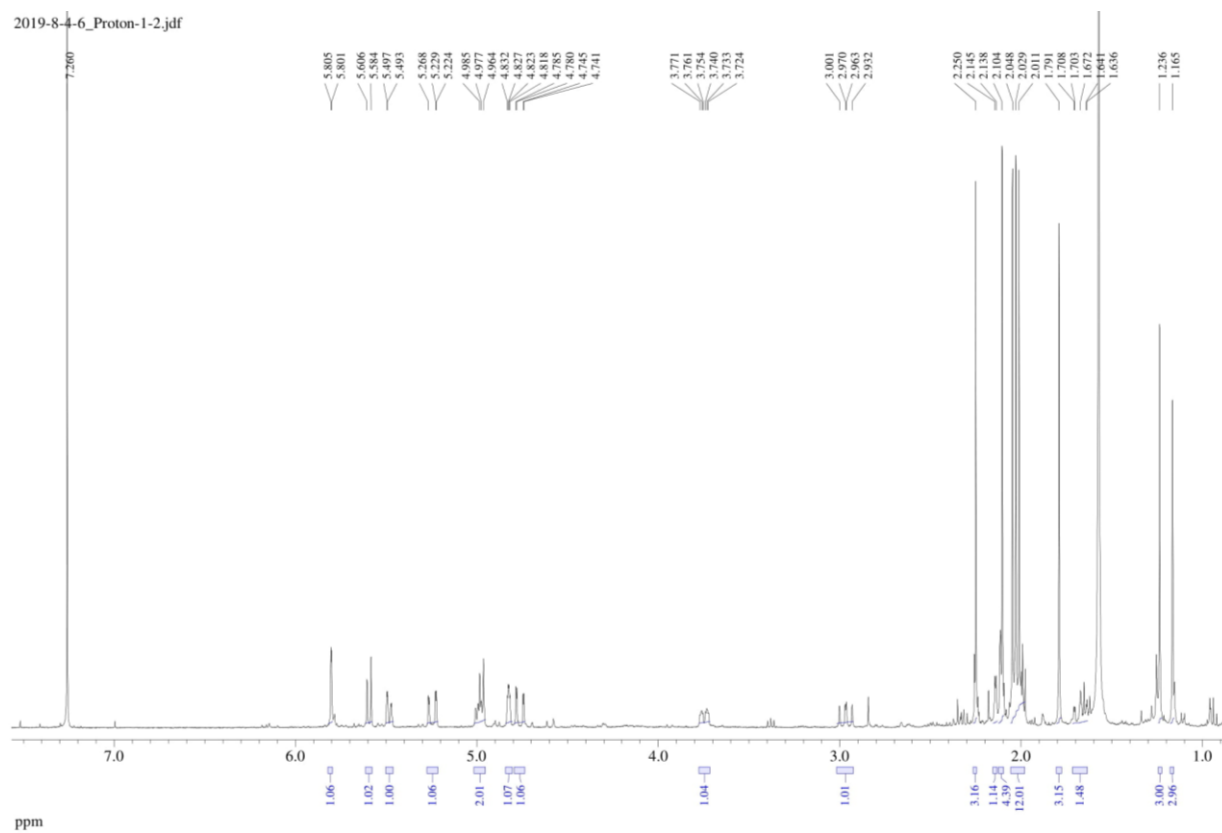
S1. ESIMS spectrum of compound **1**



S2. HRESIMS spectrum of compound **1**

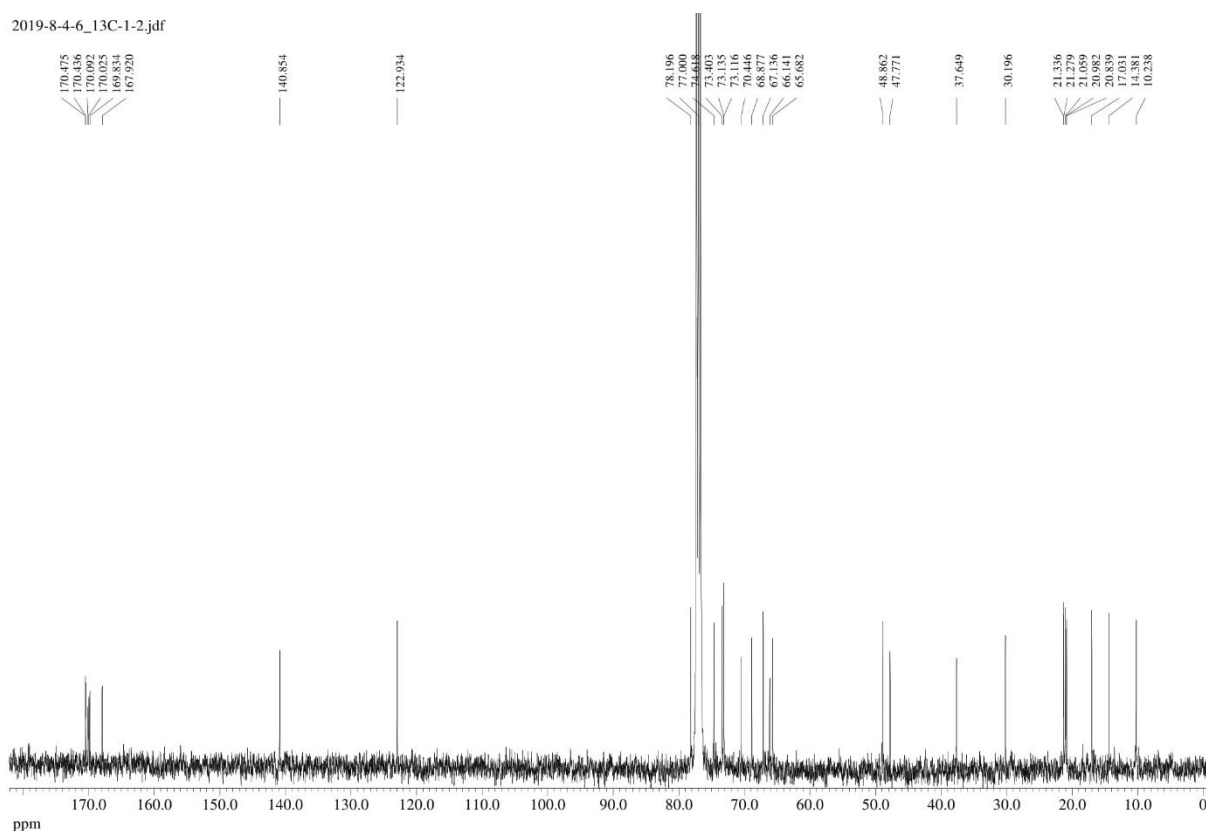


S3. IR spectrum of compound **1**



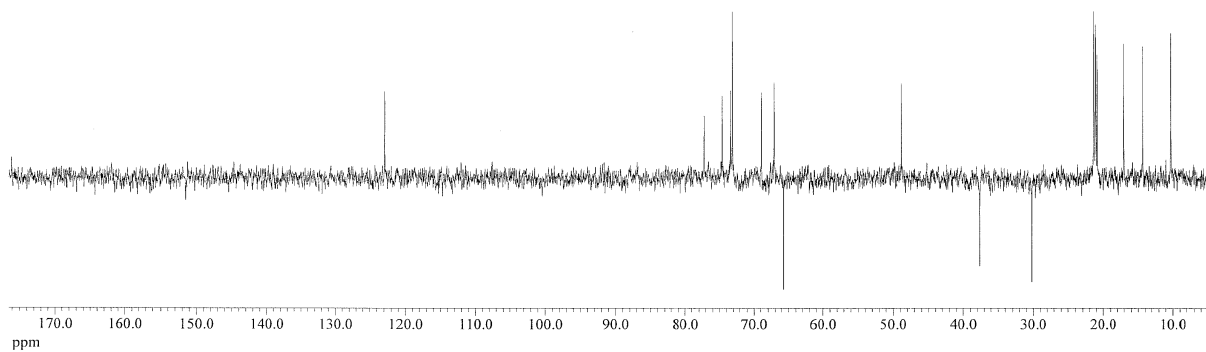
S4. ¹H NMR spectrum (400 MHz) of compound **1** in CDCl₃

2019-8-4-6_13C-1-2.jdf

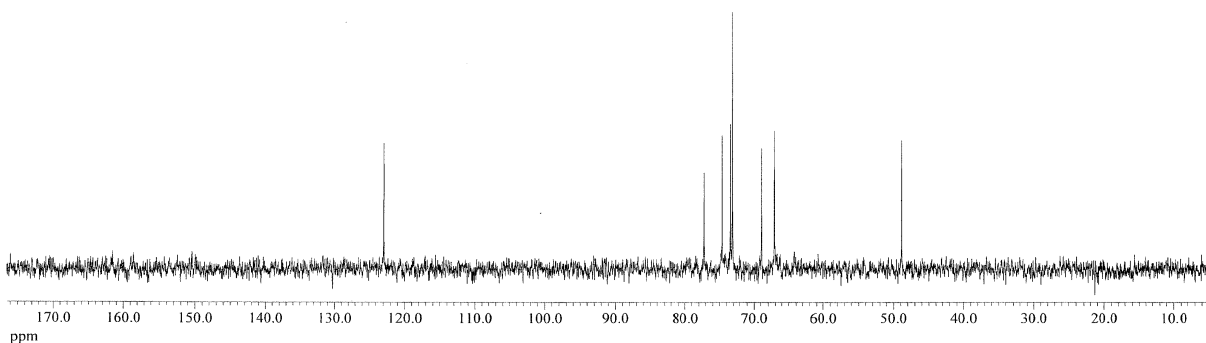


S5. ^{13}C NMR spectrum (100 MHz) of compound **1** in CDCl_3

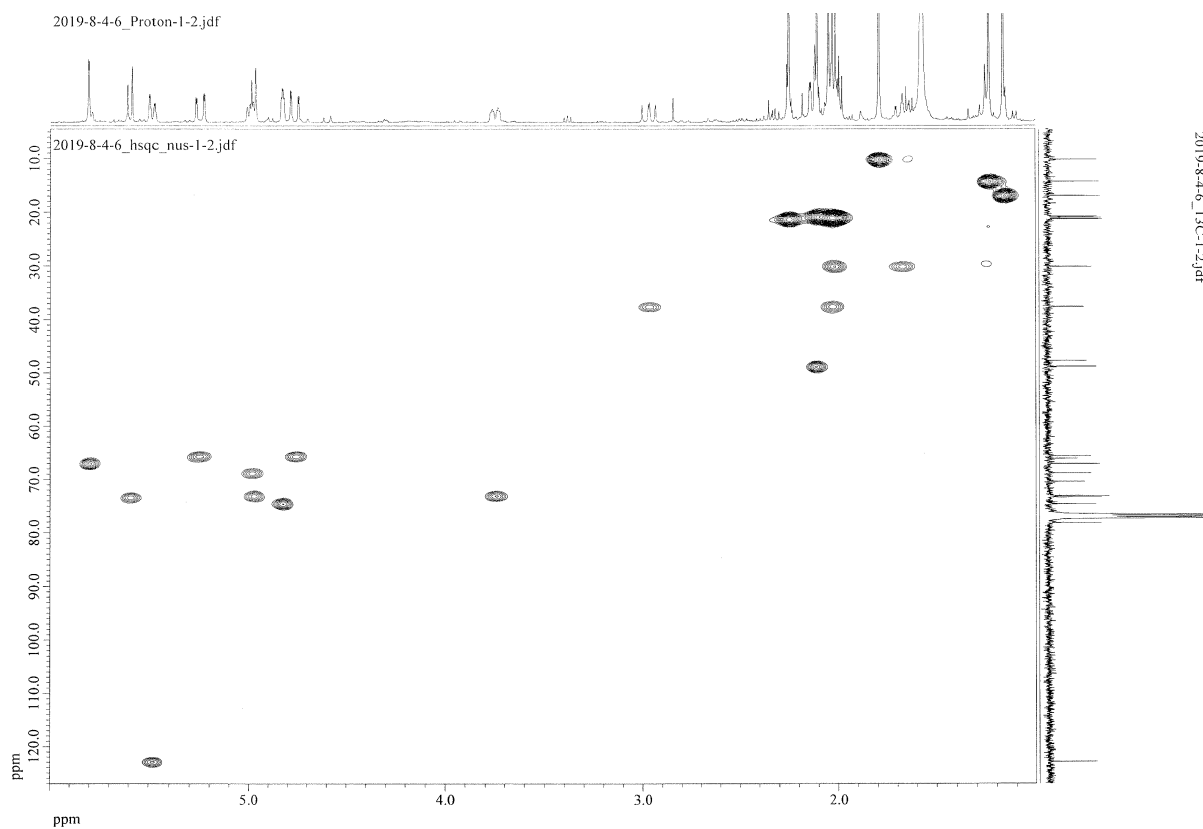
2019-8-4-6_dept-1-2.jdf Y = 135[deg]



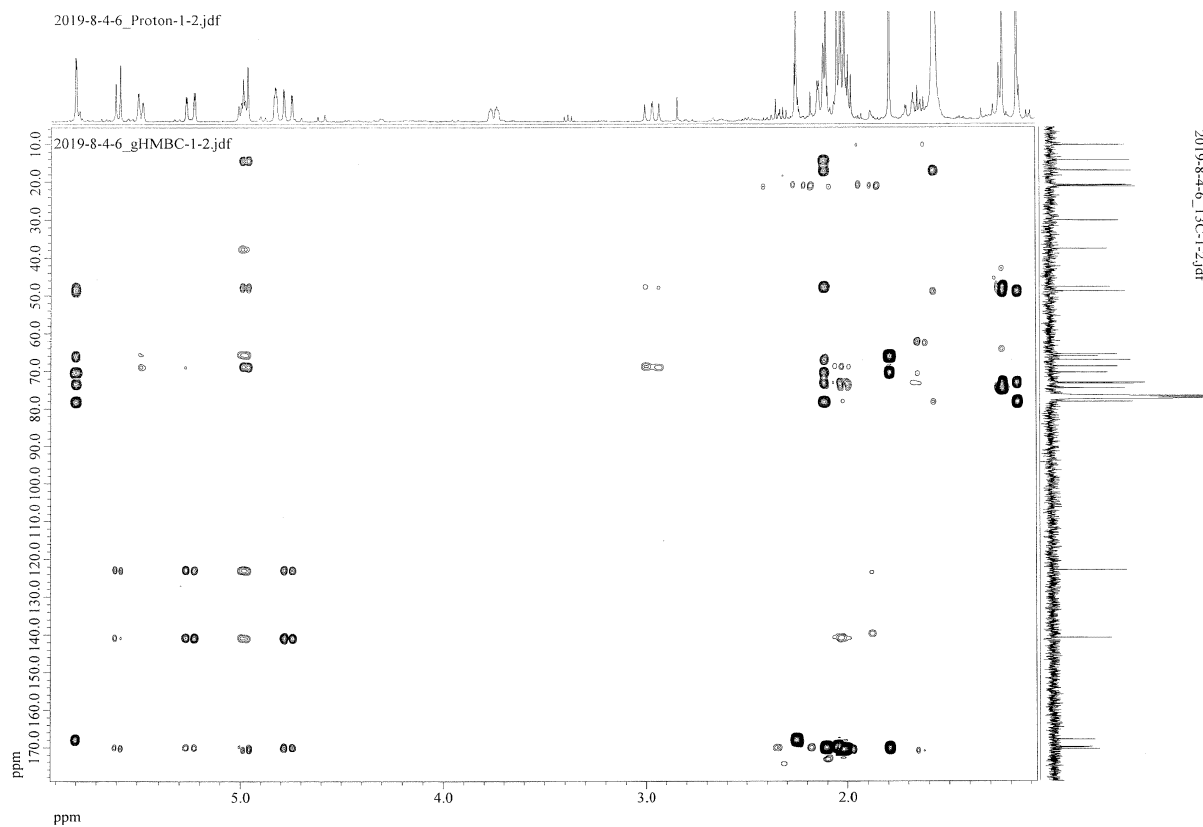
2019-8-4-6_dept-1-2.jdf Y = 90[deg]



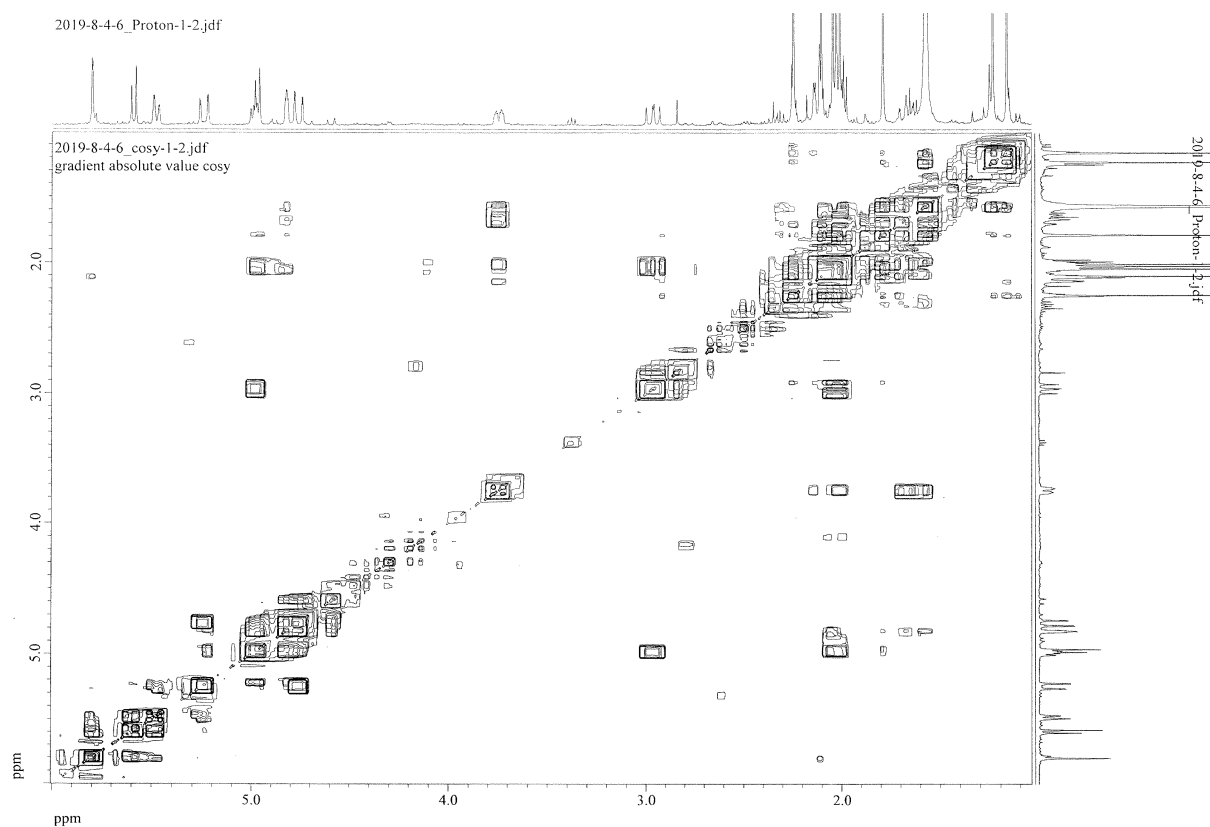
S6. DEPT spectra of compound **1** in CDCl_3



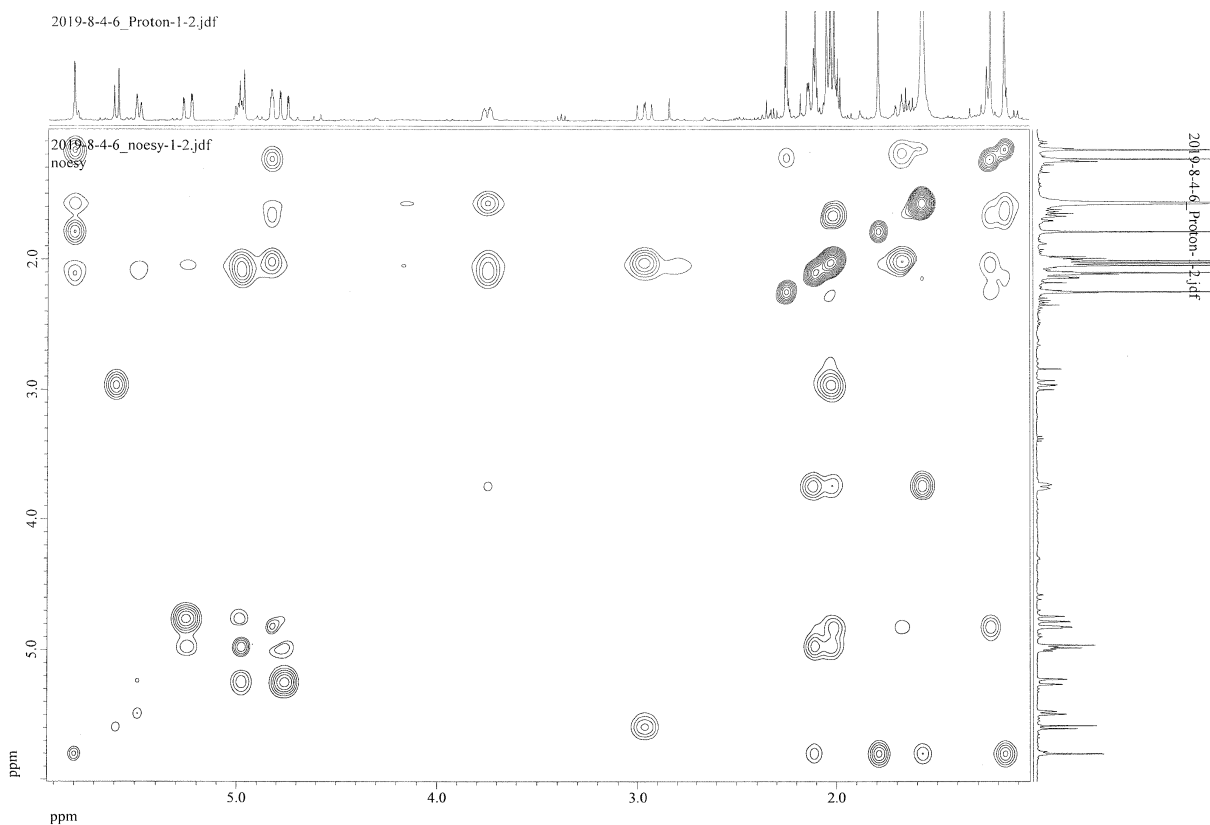
S7. HSQC spectrum of compound **1** in CDCl_3



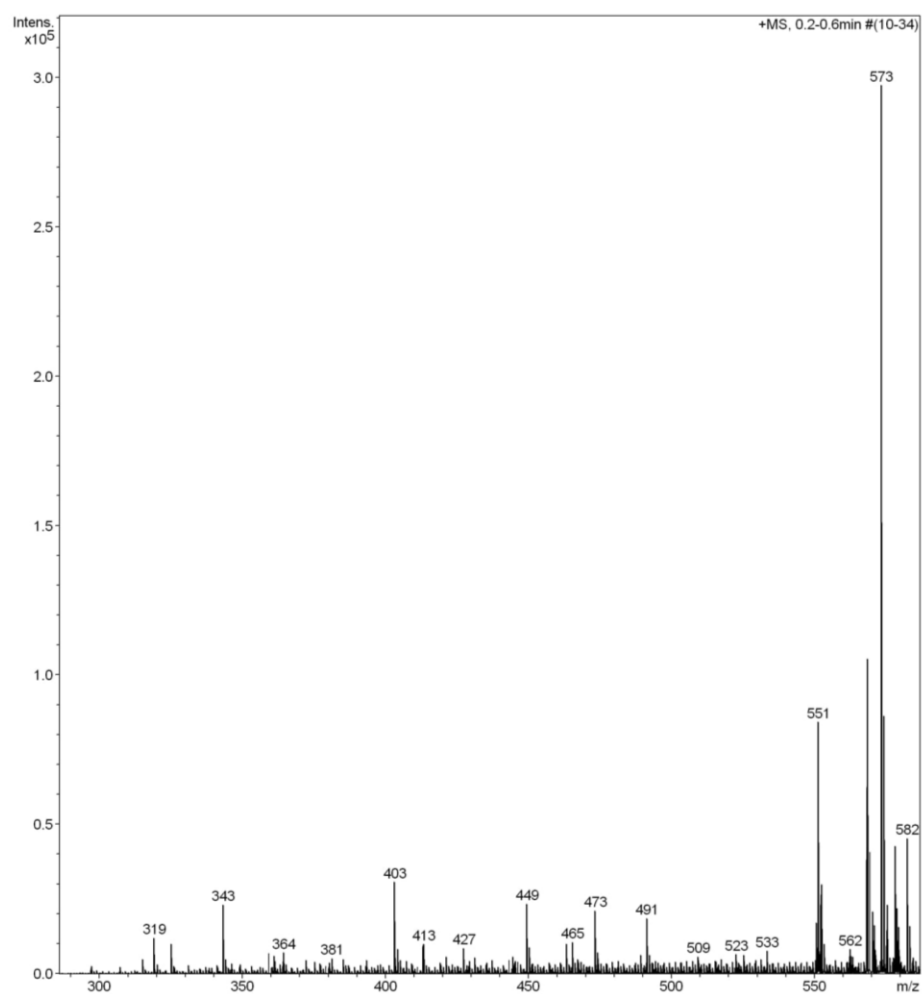
S8. HMBC spectrum of compound **1** in CDCl_3



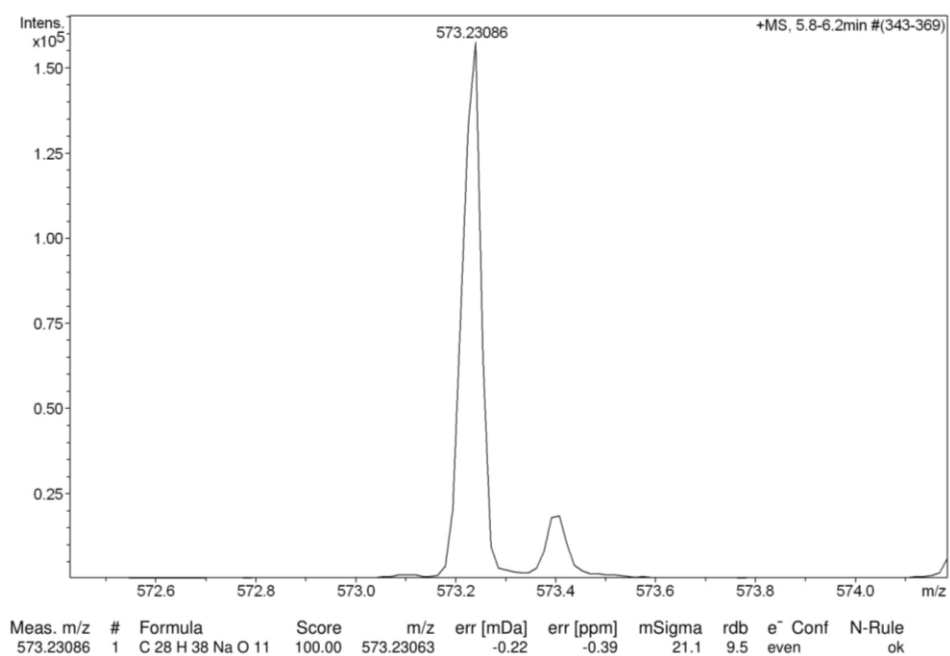
S9. ^1H - ^1H COSY spectrum of compound **1** in CDCl_3



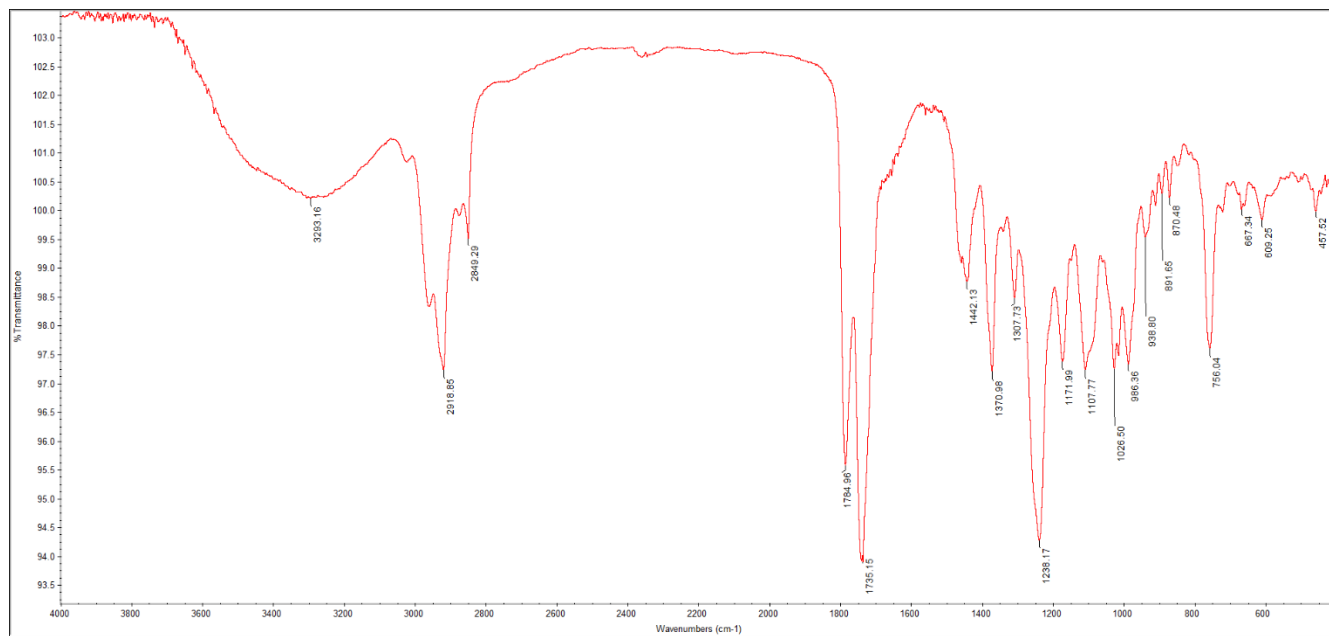
S10. NOESY spectrum of compound **1** in CDCl_3



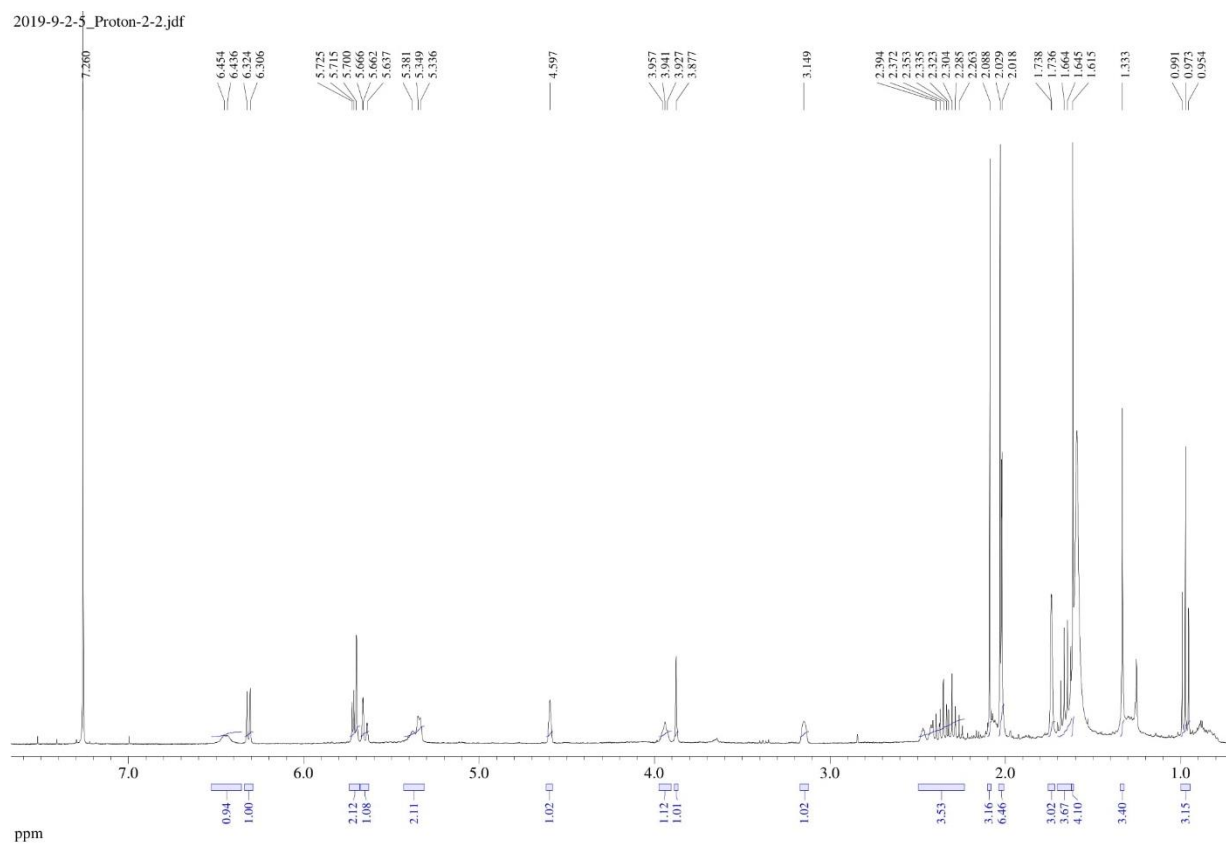
S11. ESIMS spectrum of compound 2



S12. HRESIMS spectrum of compound 2

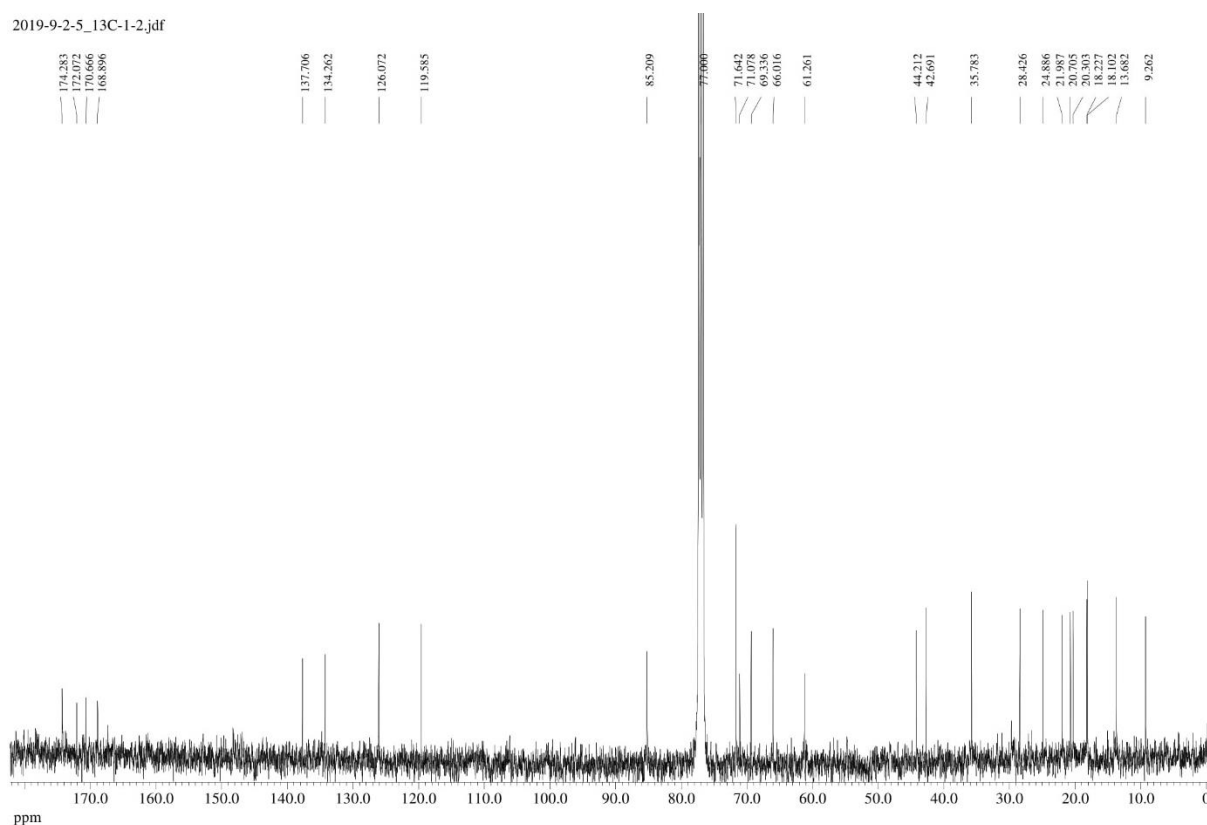


S13. IR spectrum of compound **2**



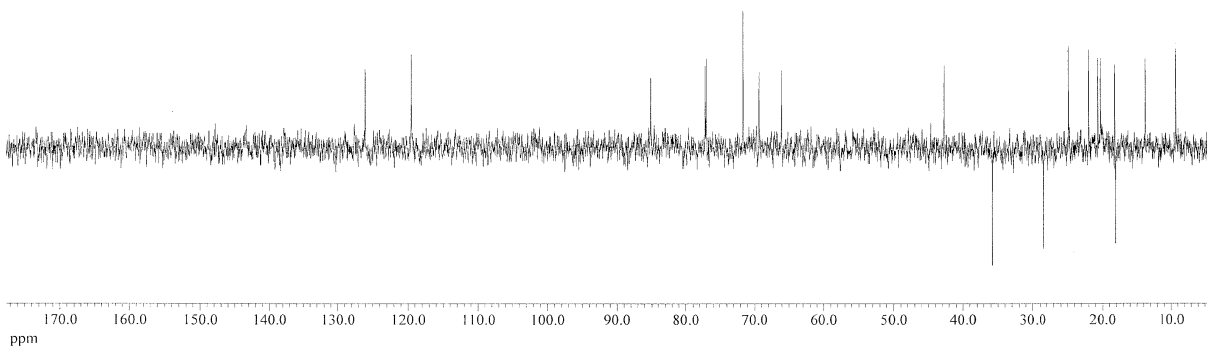
S14. ¹H NMR spectrum (400 MHz) of compound **2** in CDCl₃

2019-9-2-5_13C-1-2.jdf

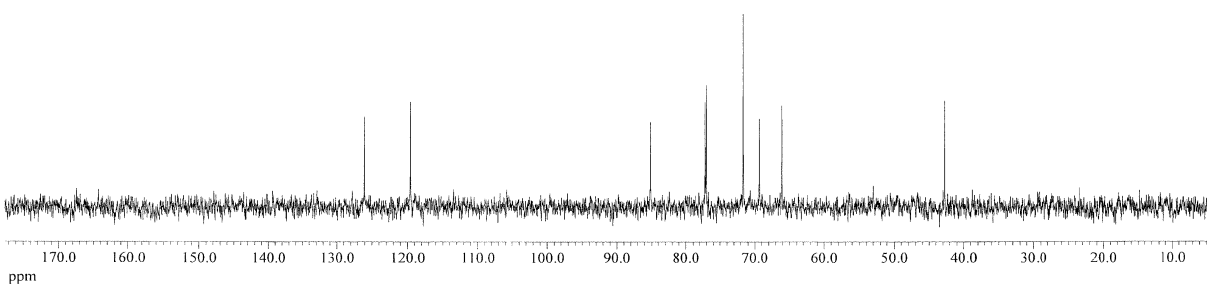


S15. ^{13}C NMR spectrum (100 MHz) of compound **2** in CDCl_3

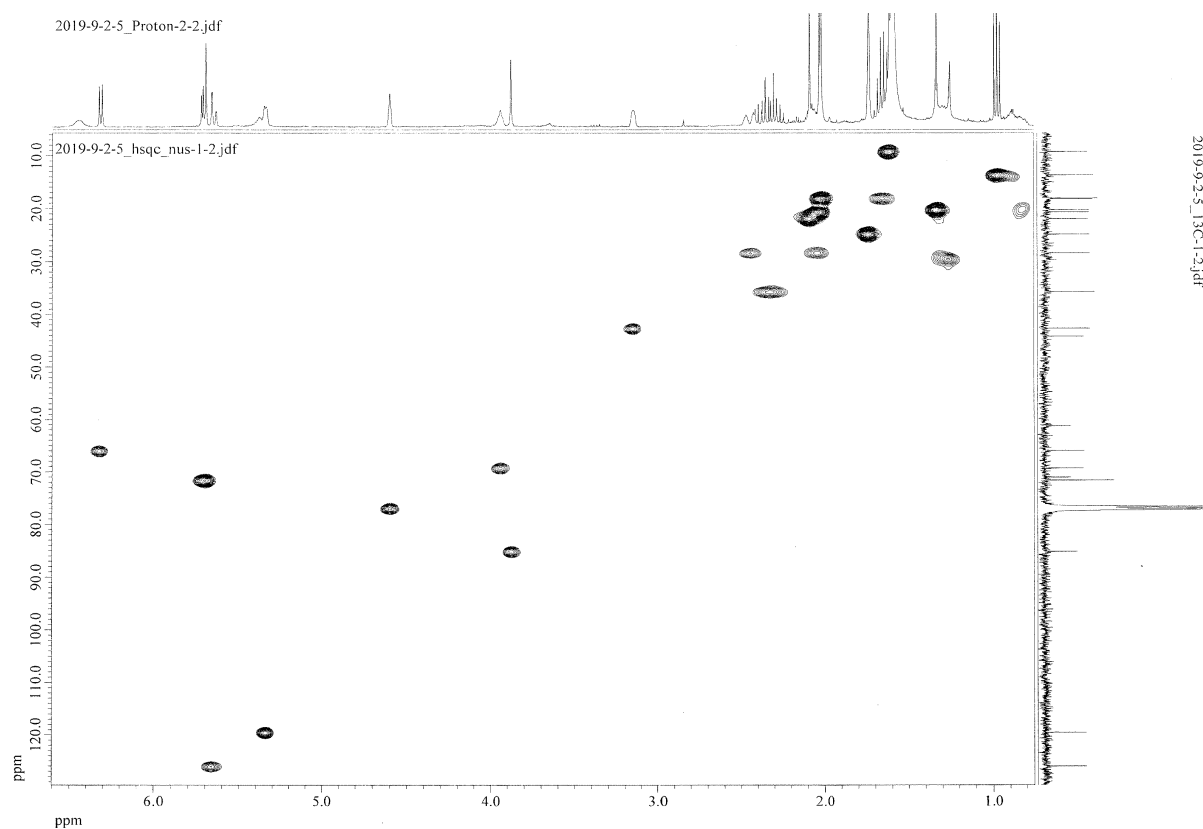
2019-9-2-5_dept-1-2.jdf Y = 135[deg]



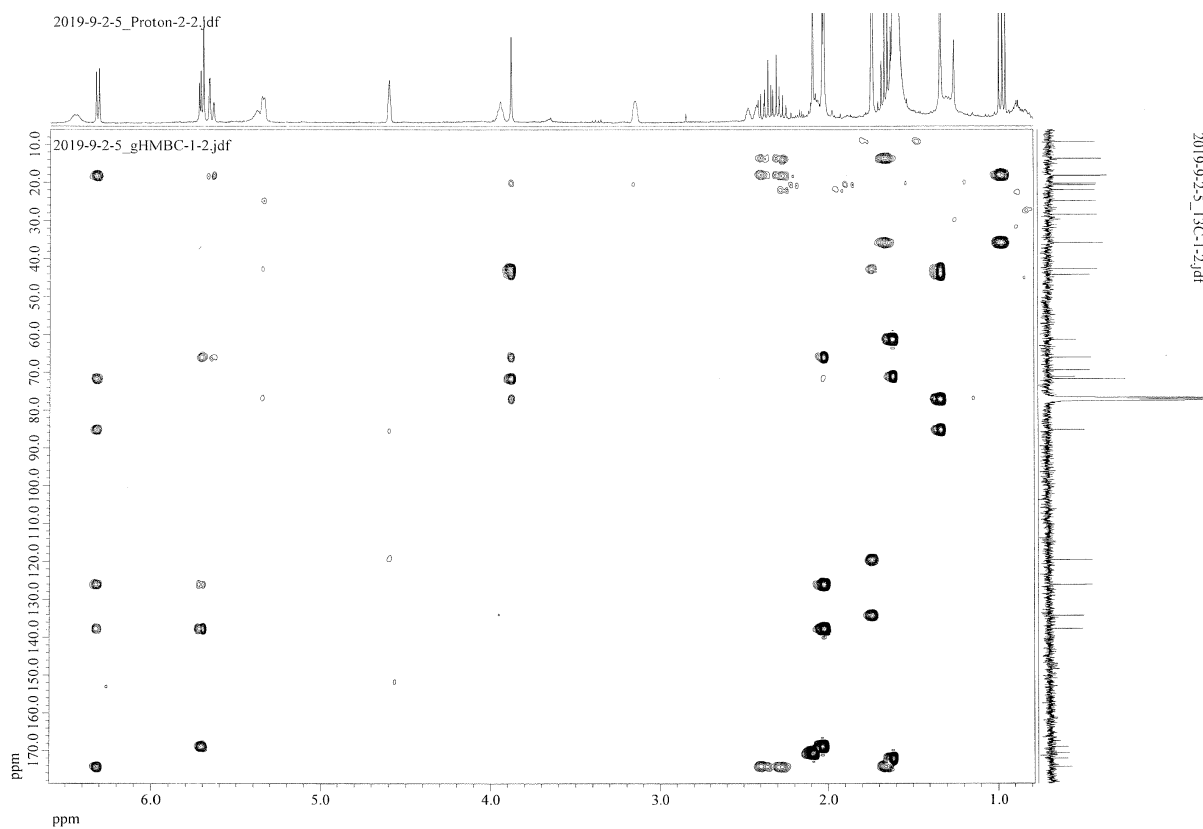
2019-9-2-5_dept-1-2.jdf Y = 90[deg]



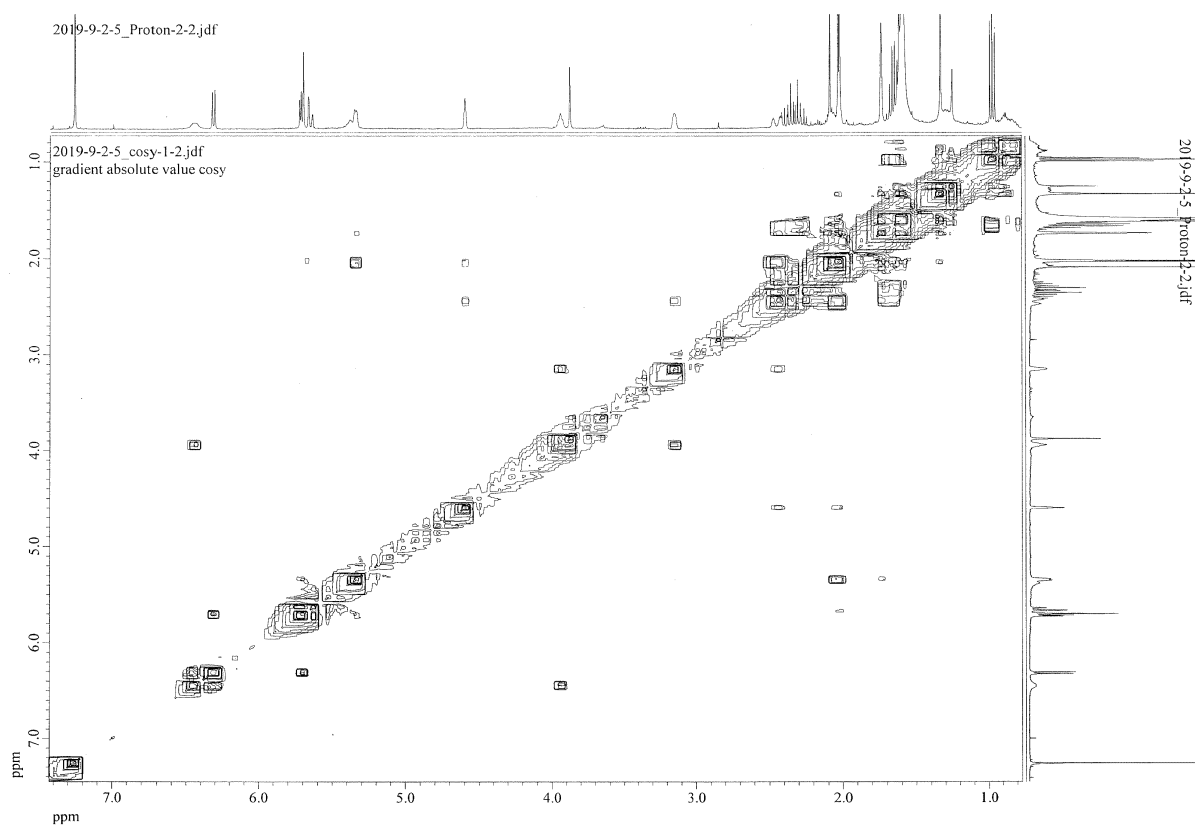
S16. DEPT spectra of compound **2** in CDCl_3



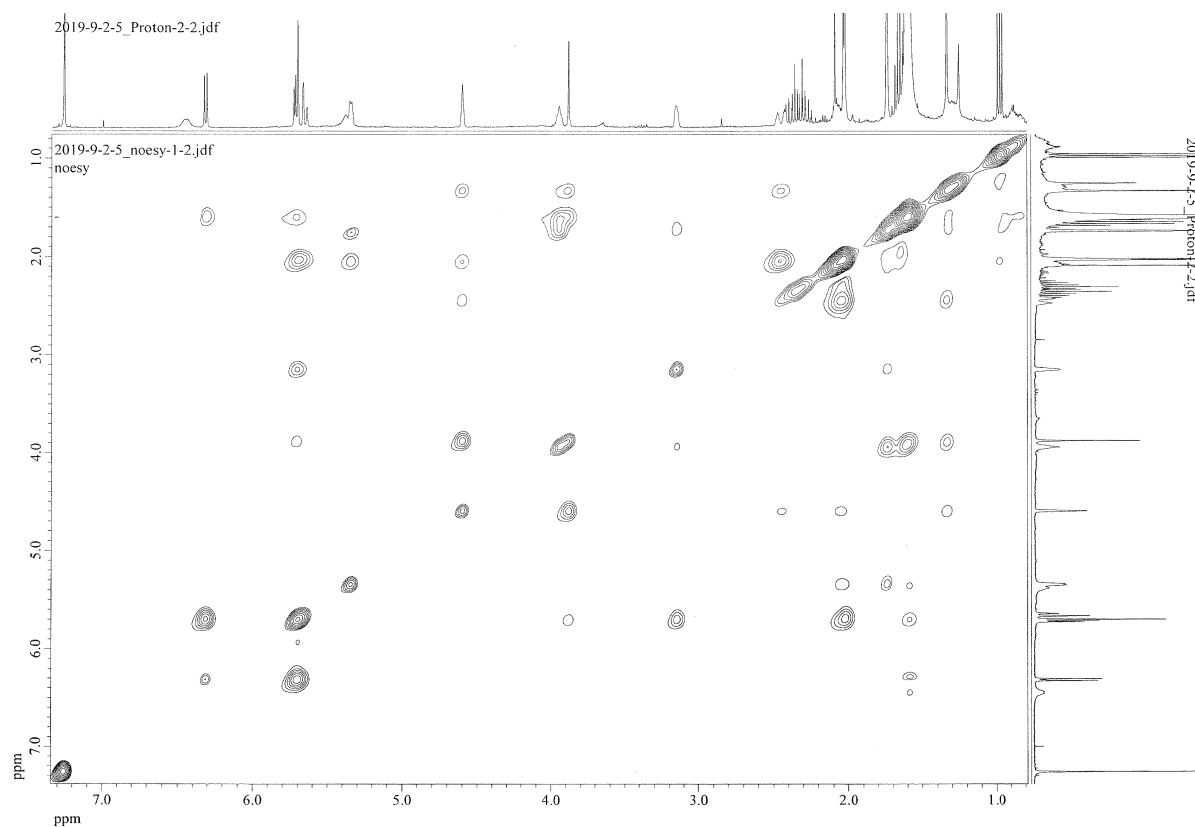
S17. HSQC spectrum of compound **2** in CDCl₃



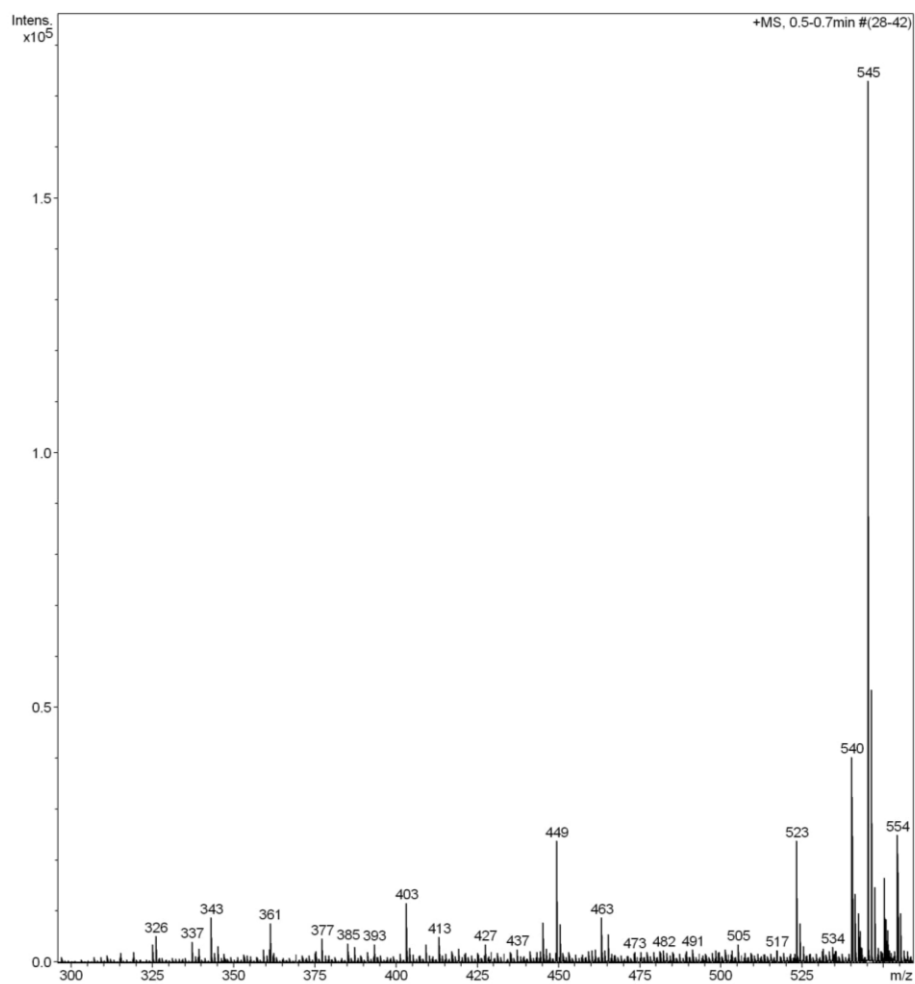
S18. HMBC spectrum of compound **2** in CDCl₃



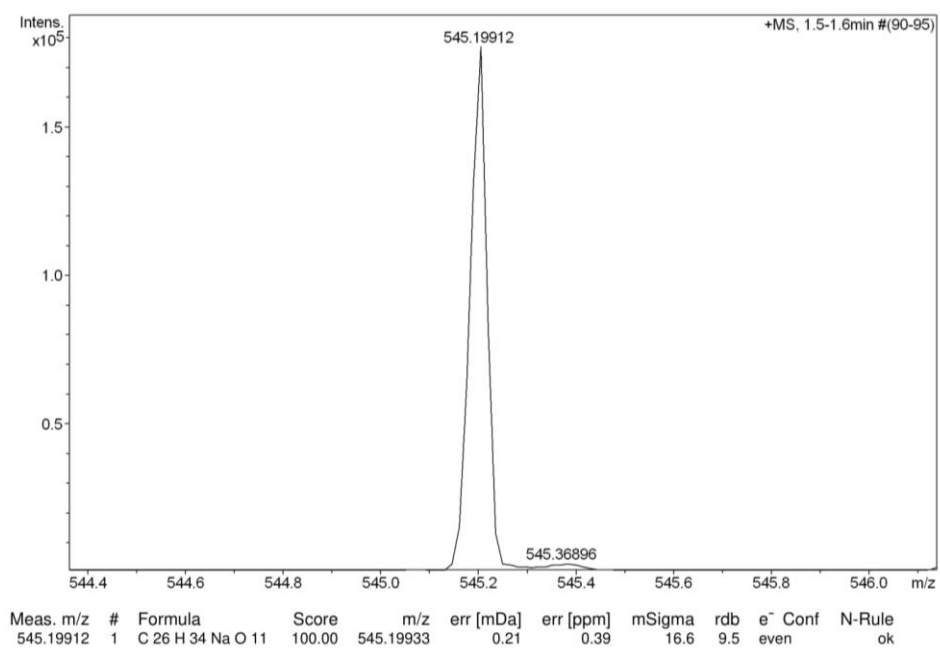
S19. ^1H - ^1H COSY spectrum of compound **2** in CDCl_3



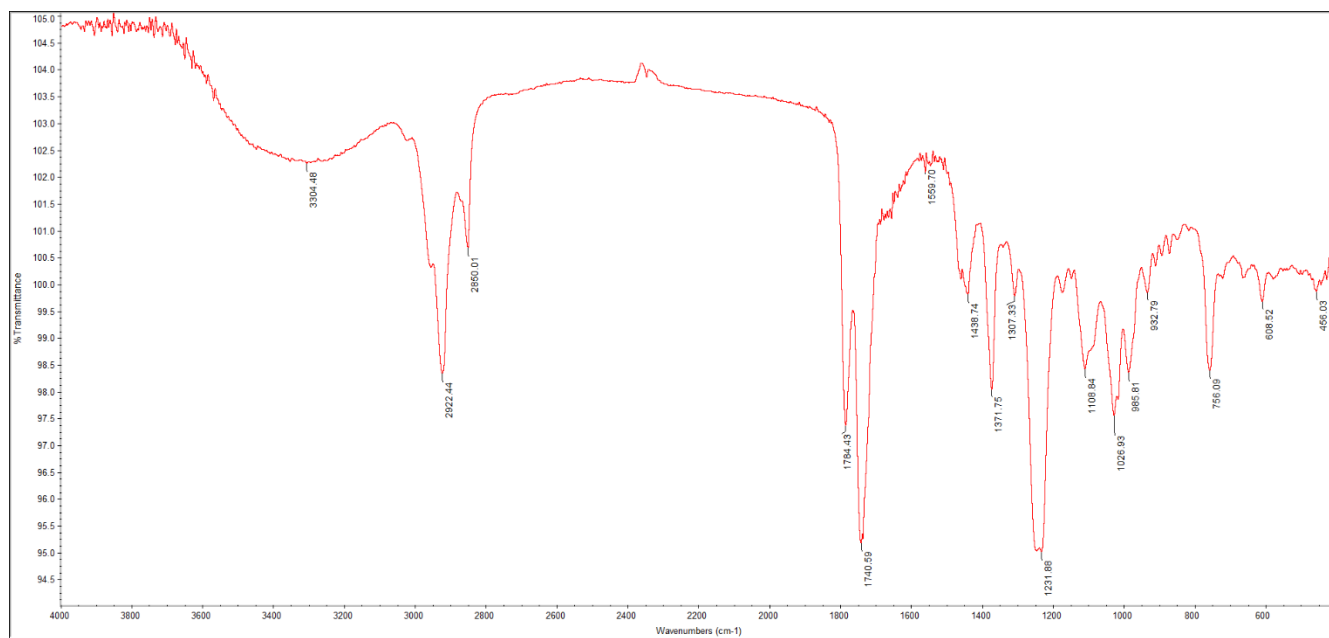
S20. NOESY spectrum of compound **2** in CDCl_3



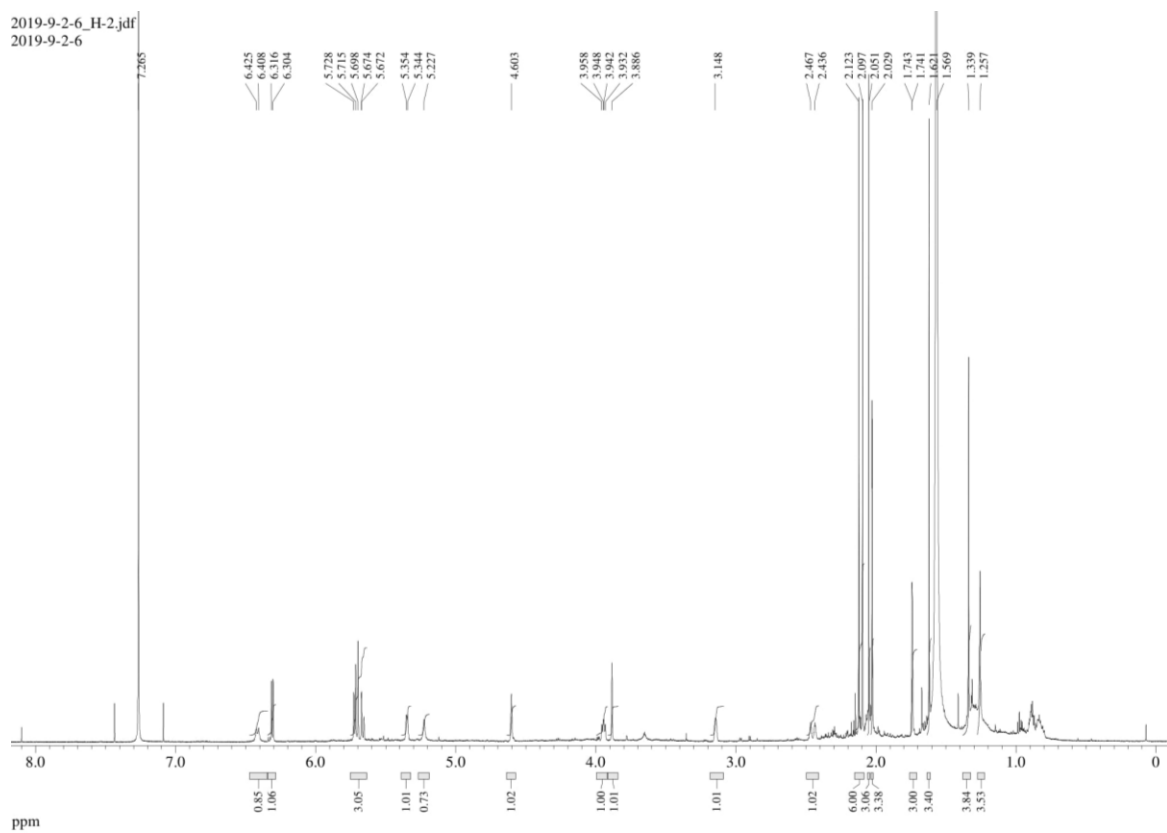
S21. HRESIMS spectrum of compound **3**



S22. HRESIMS spectrum of compound **3**

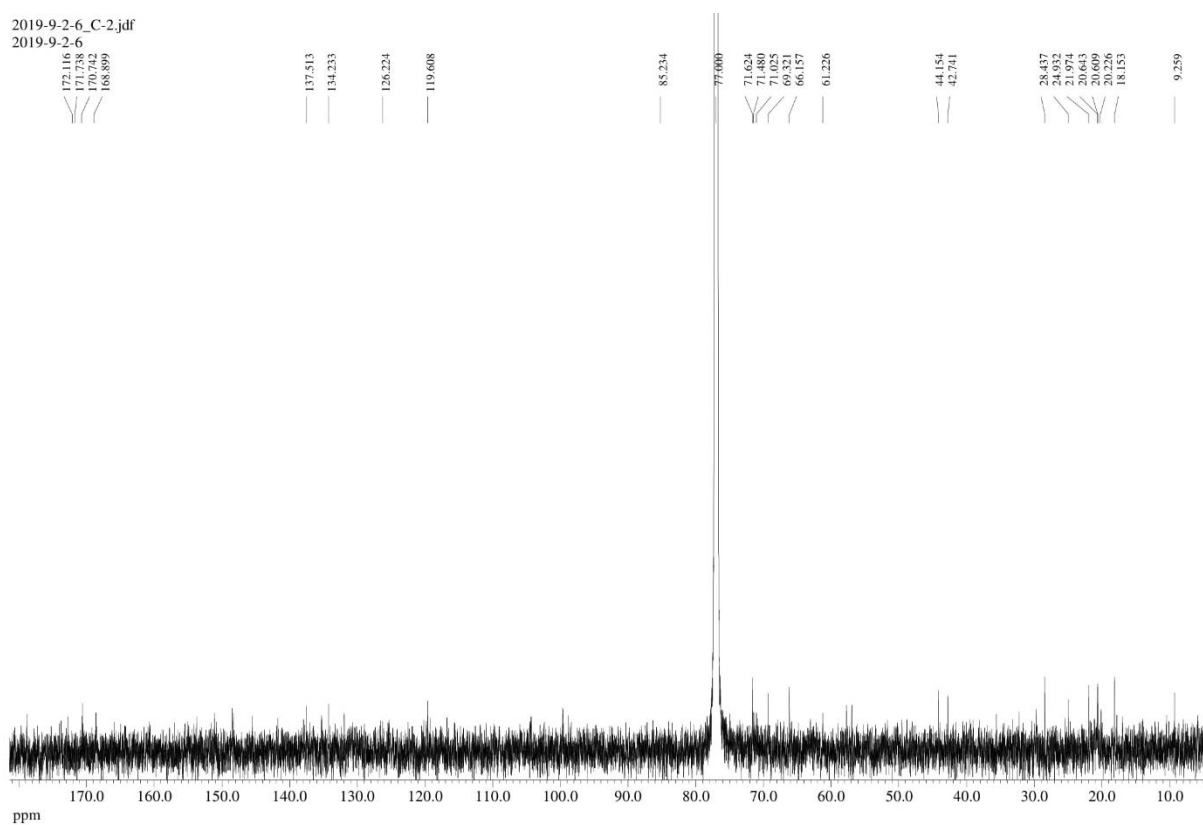


S23. IR spectrum of compound **3**

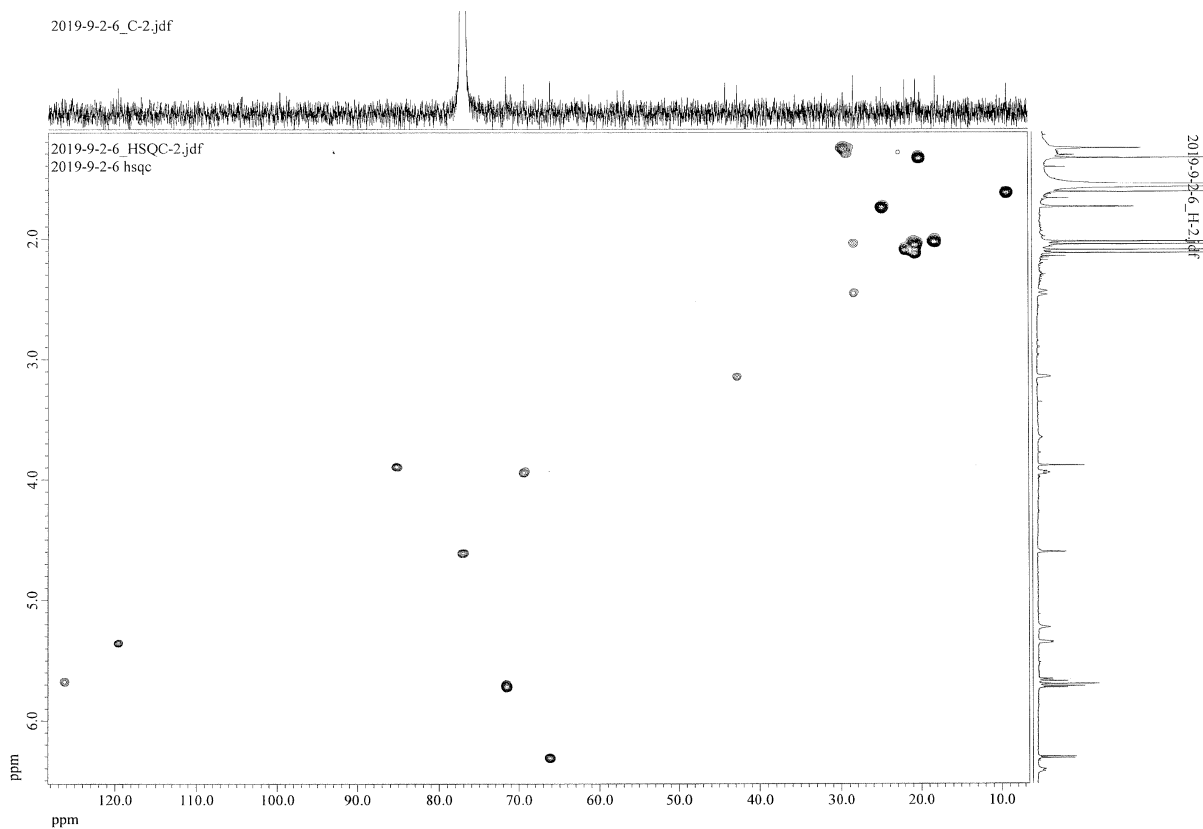


S24. ¹H NMR spectrum (600 MHz) of compound **3** in CDCl₃

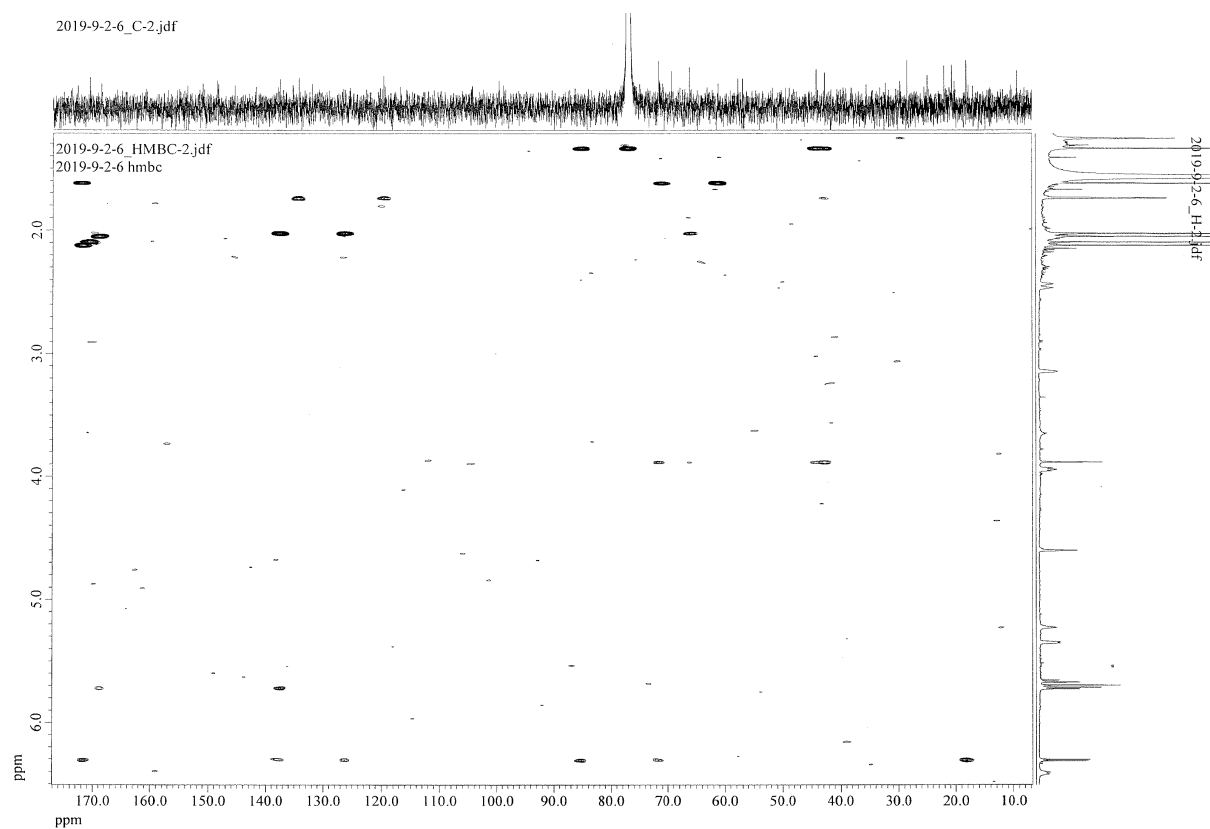
2019-9-2-6_C-2.jdf
2019-9-2-6



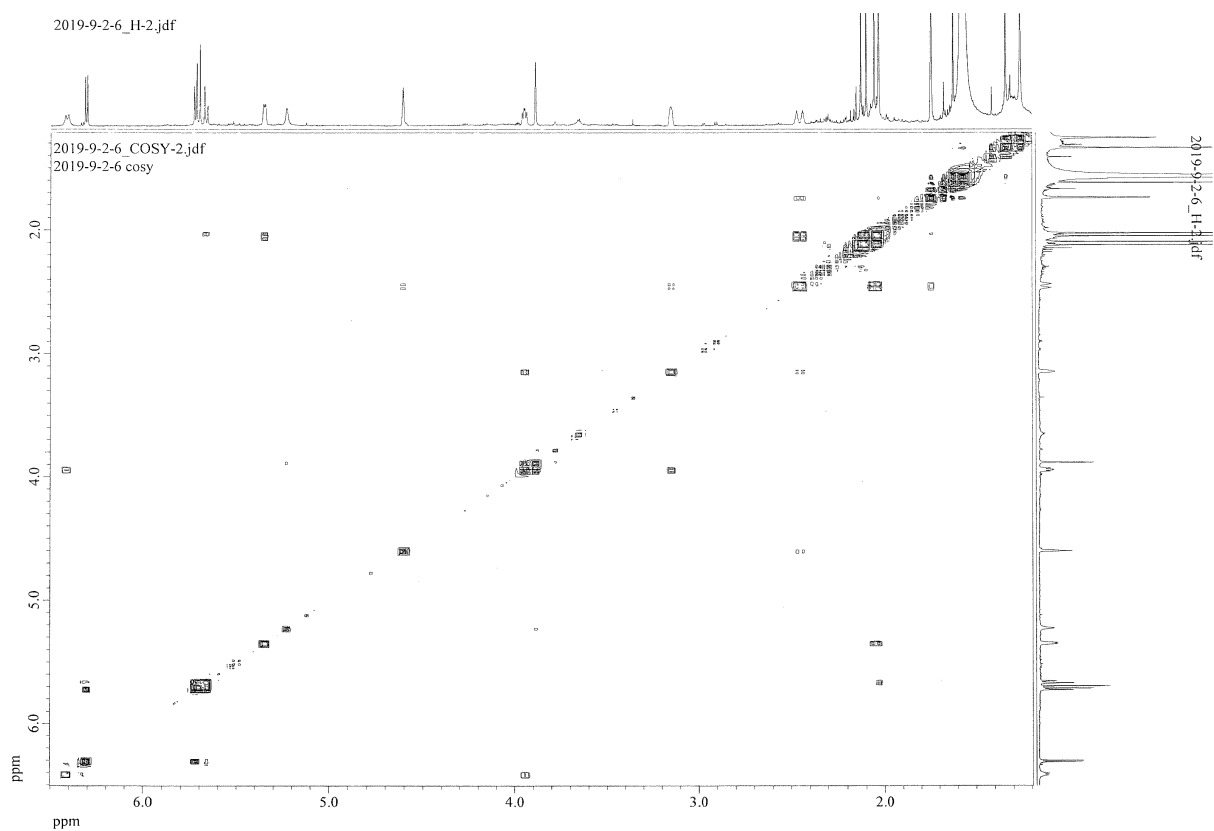
S25. ^{13}C NMR spectrum (150 MHz) of compound **3** in CDCl_3



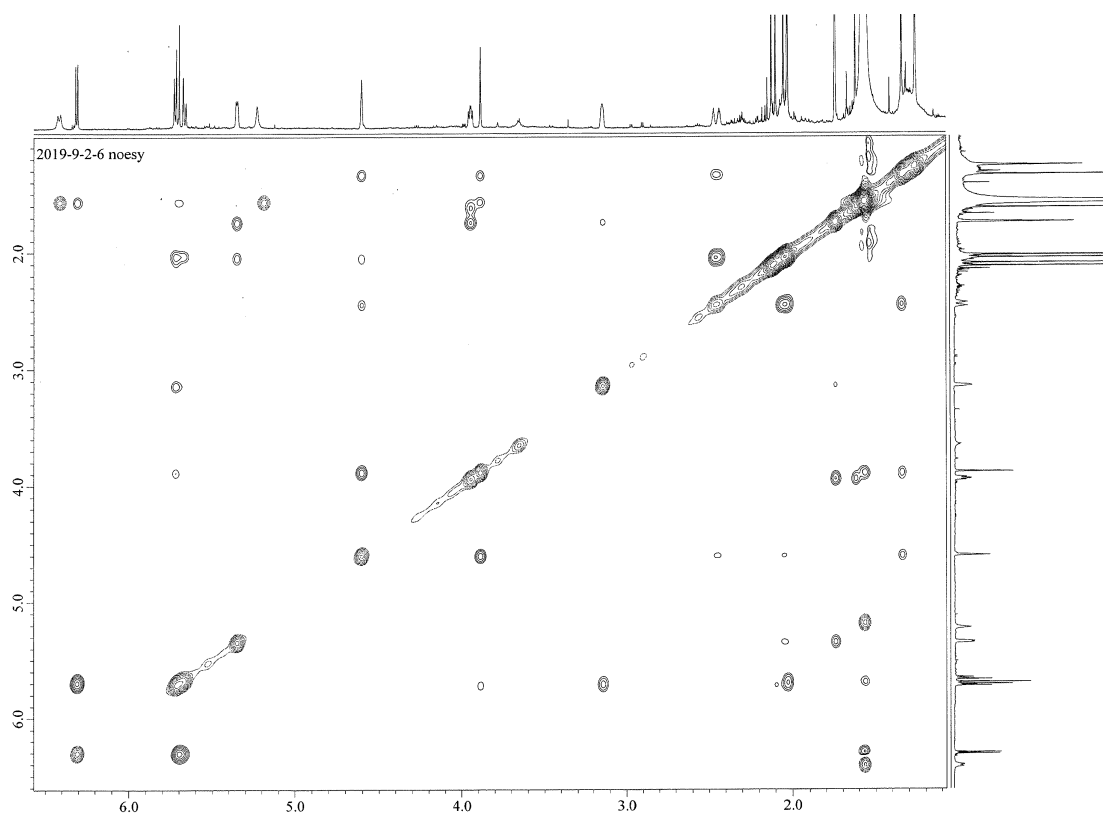
S26. HSQC spectrum of compound **3** in CDCl_3



S27. HMBC spectrum of compound **3** in CDCl₃



S28. ¹H-¹H COSY spectrum of compound **3** in CDCl₃



S29. NOESY spectrum of compound **3** in CDCl₃