

Supporting Information

Purification, Characterization and Biological Activity of New Polyketides from Mangrove Endophytic Fungus Epicoccum nigrum SCNU-F0002

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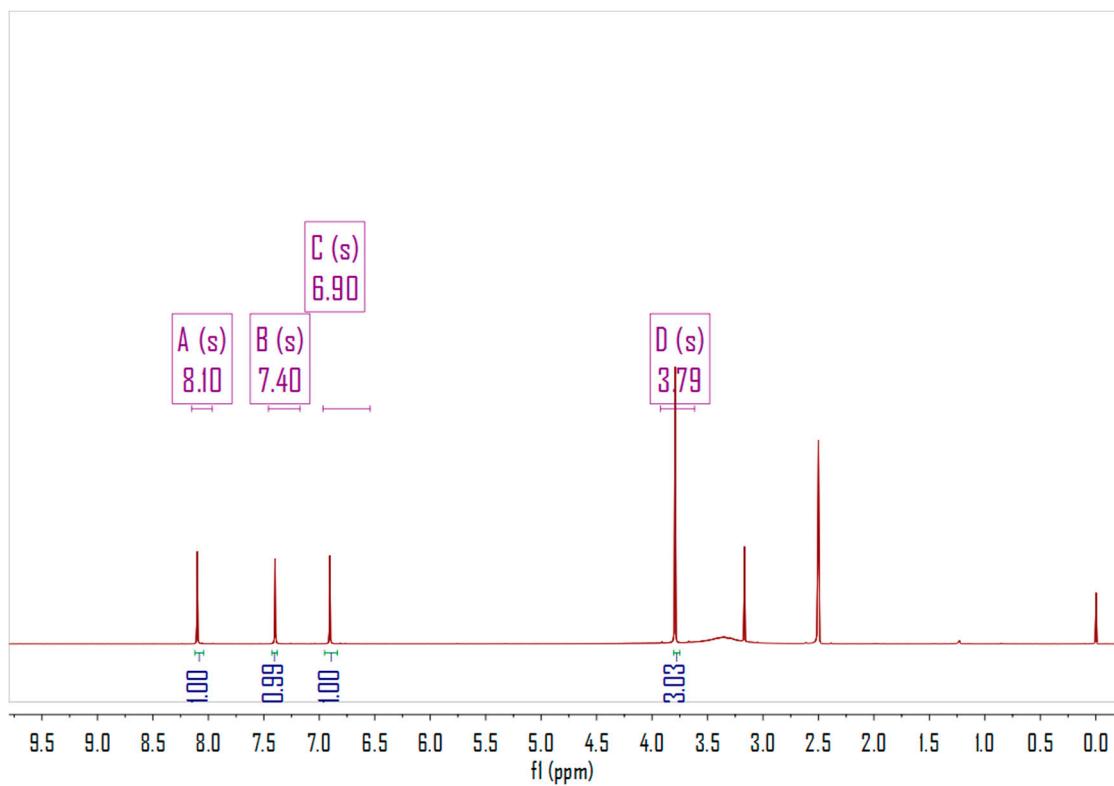


Fig.S1. ¹H- NMR spectrum (DMSO-*d*₆, 600MHz) of compound (1)

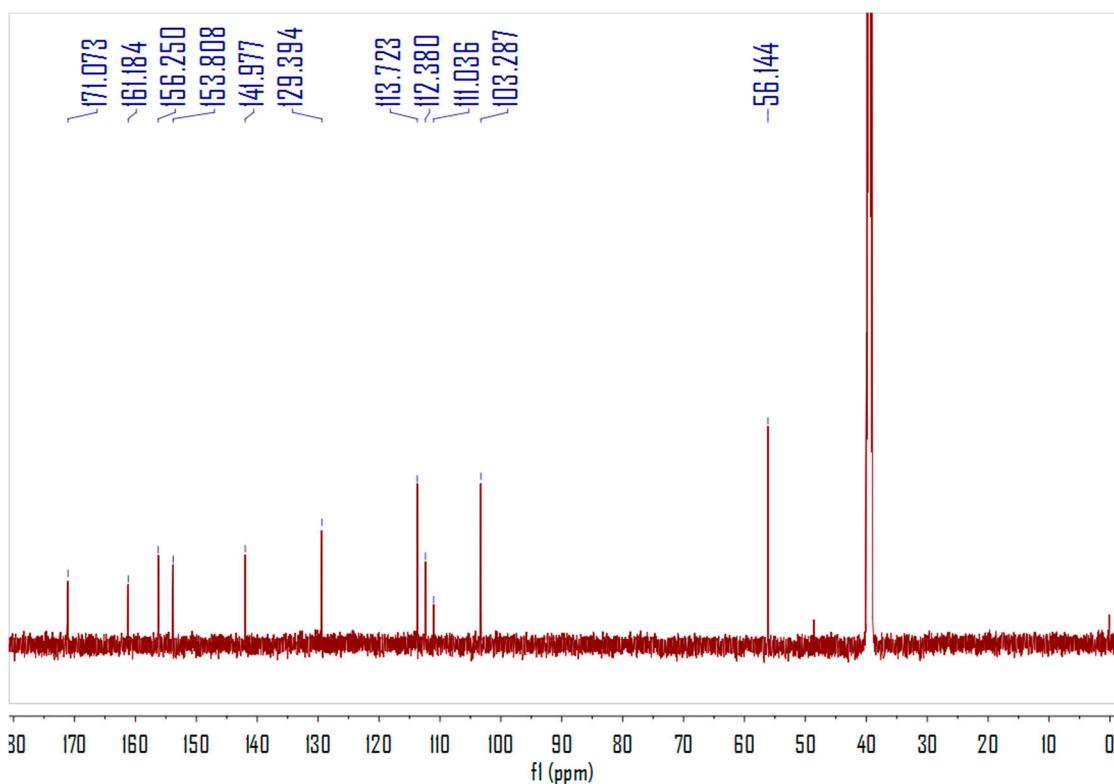


Fig.S2. ¹³C- NMR spectrum (DMSO-*d*₆, 150MHz) of compound (1)

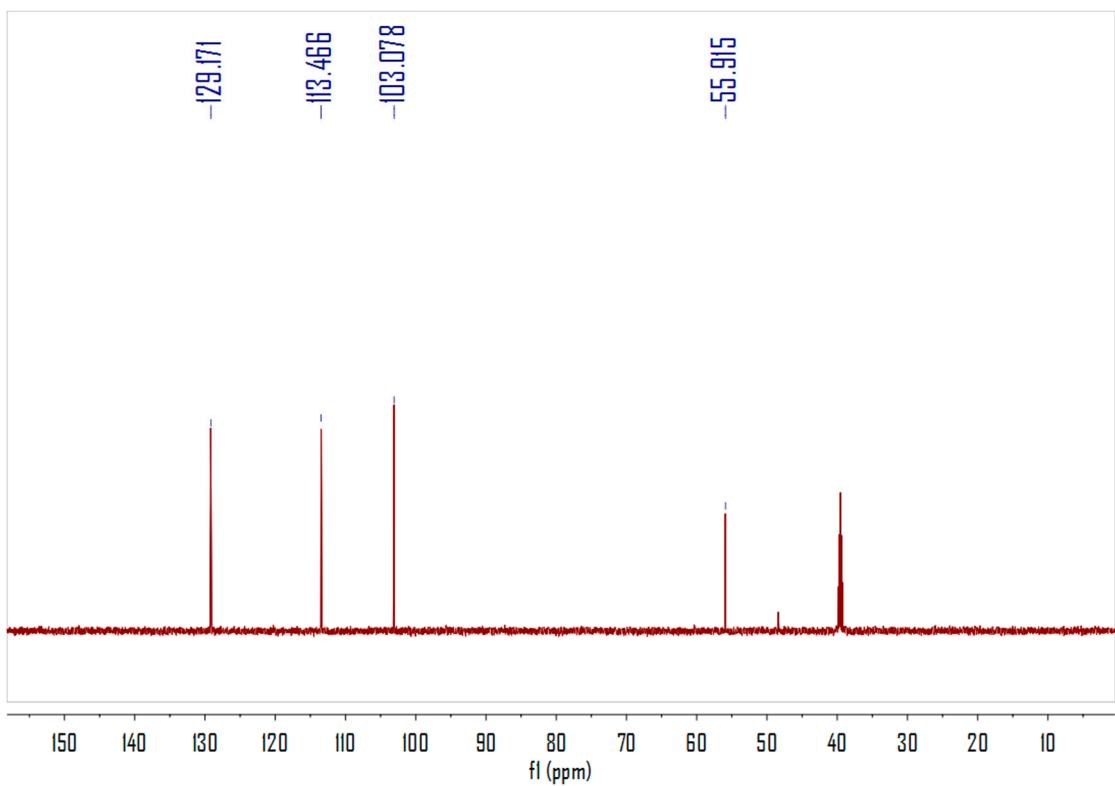


Fig.S3. DEPT 135 spectrum (DMSO-*d*₆, 150MHz) of compound (1)

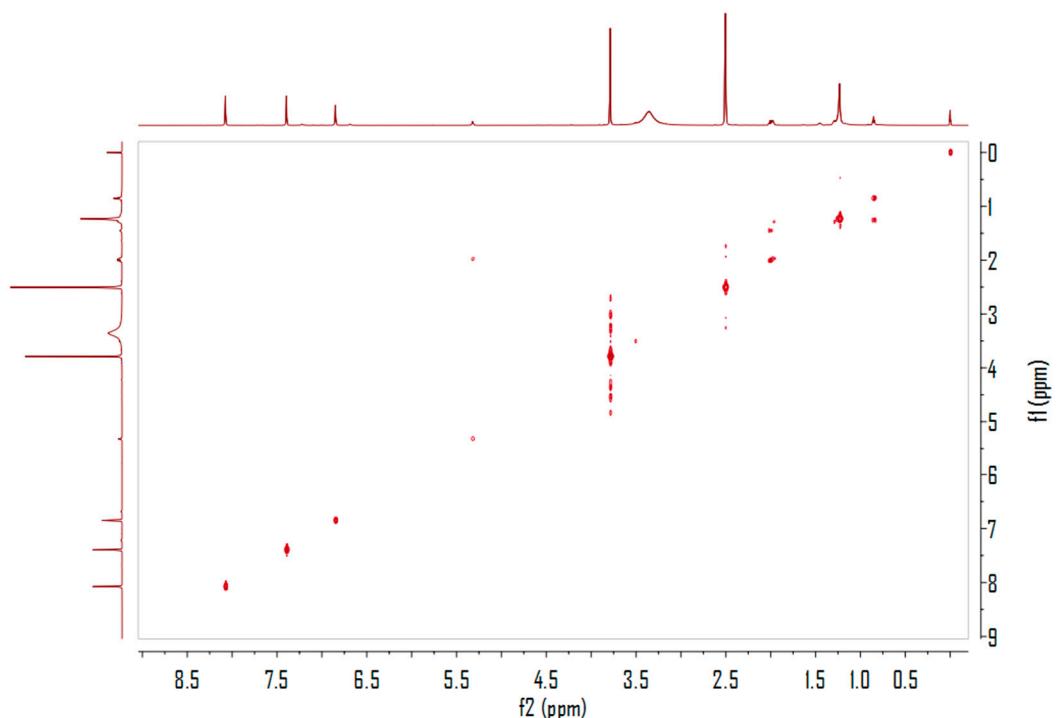


Fig.S4. ¹H-¹H COSY spectrum (DMSO-*d*₆, 600MHz) of compound (1)

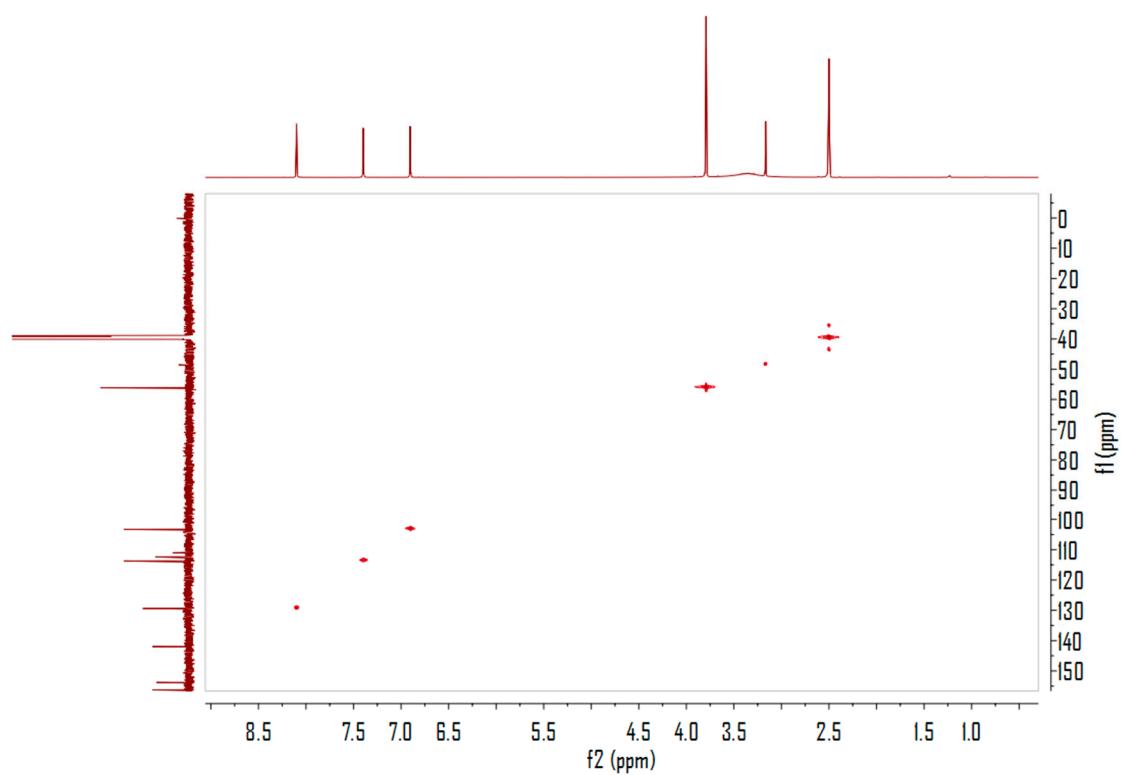


Fig.S5. HSQC spectrum (DMSO-*d*₆, 600MHz) of compound (**1**)

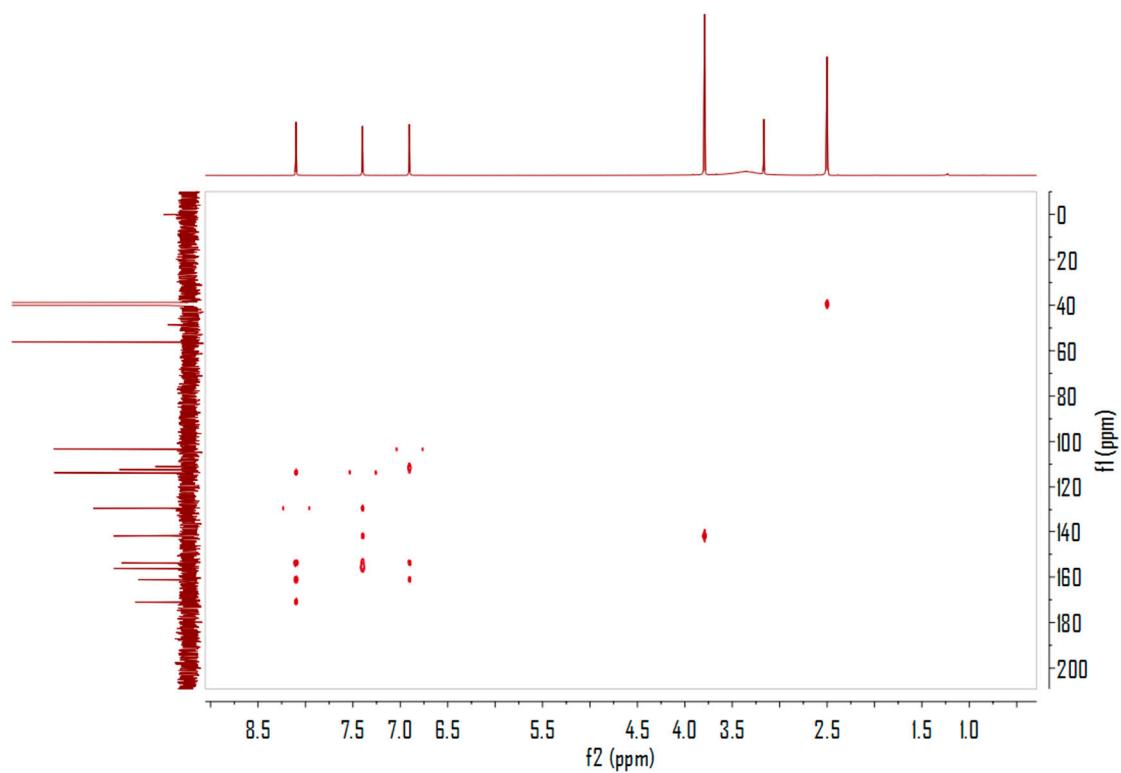


Fig.S6. HMBC spectrum (DMSO-*d*₆, 600MHz) of compound (**1**)

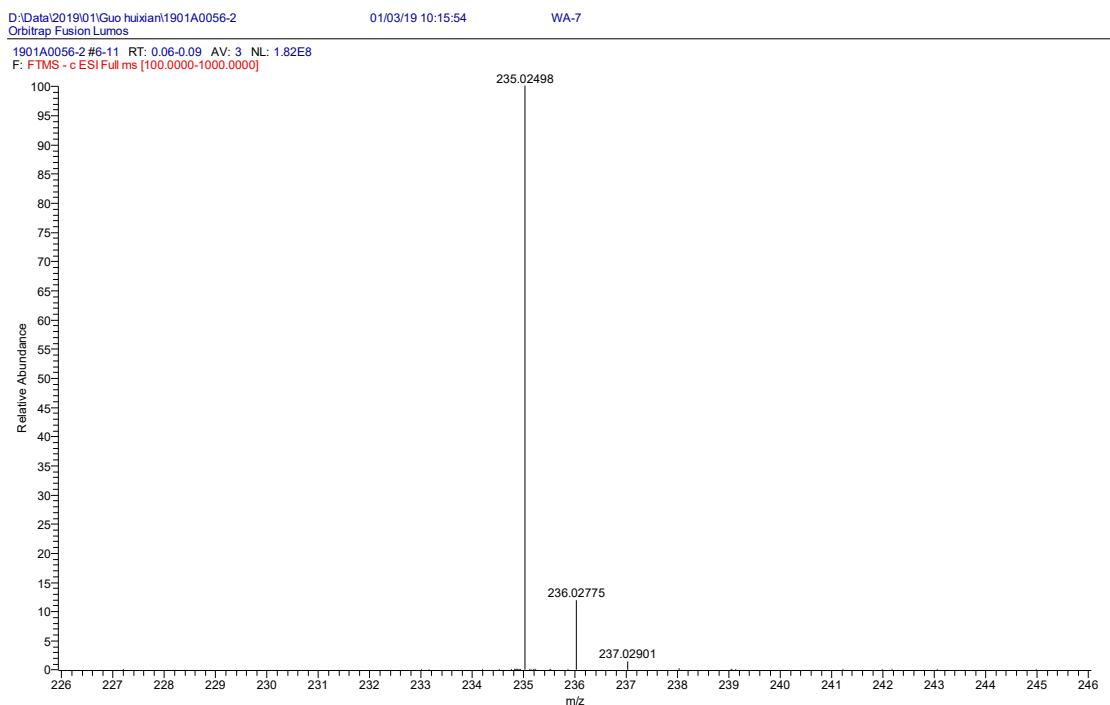


Fig.S7. HR-ESI-MS spectrum of compound (1)

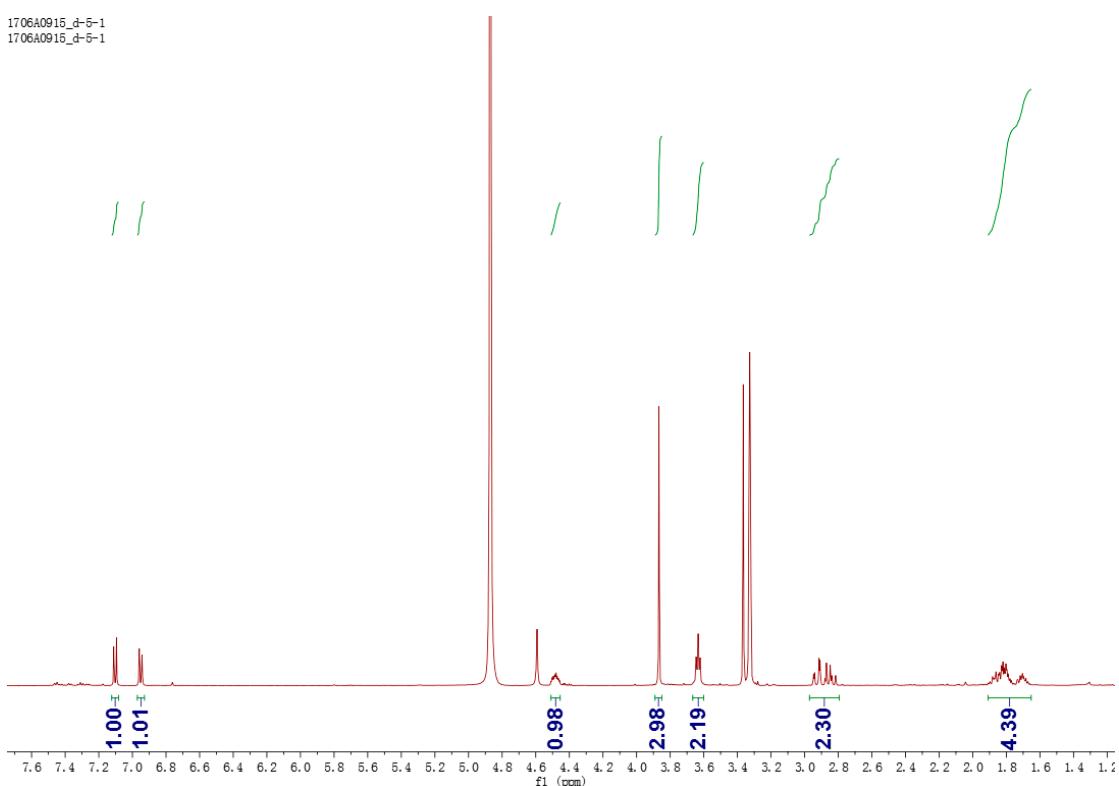


Fig.S8. ^1H - NMR spectrum (CD_3OD , 600MHz) of compound (2)

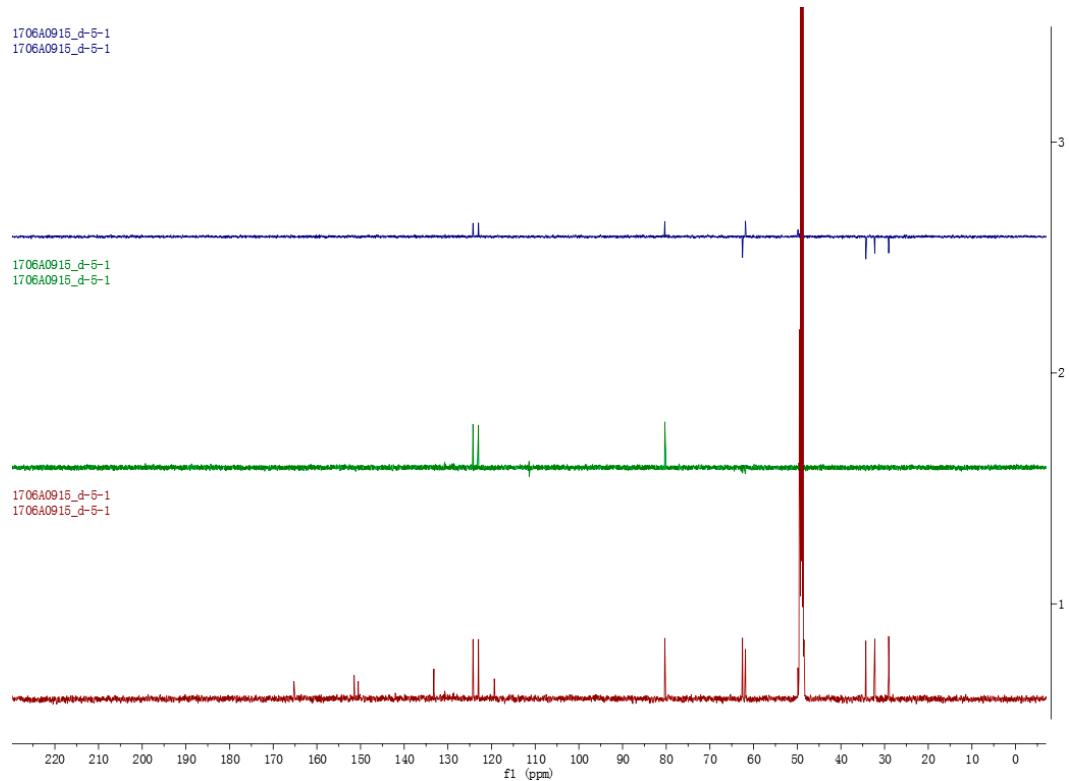


Fig.S9. DEPT 135, DEPT 90 and ^{13}C -NMR spectrum (CD_3OD , 150MHz) of compound (2)

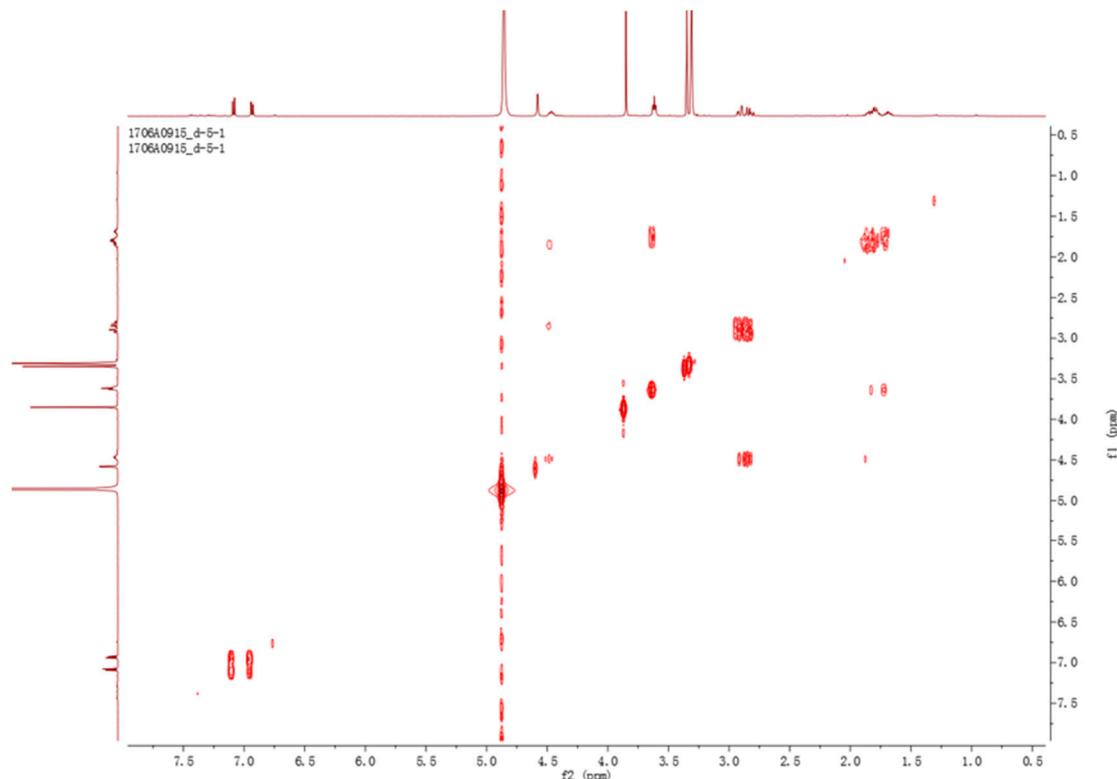


Fig.S10. ^1H - ^1H COSY spectrum (CD_3OD , 600MHz) of compound (2)

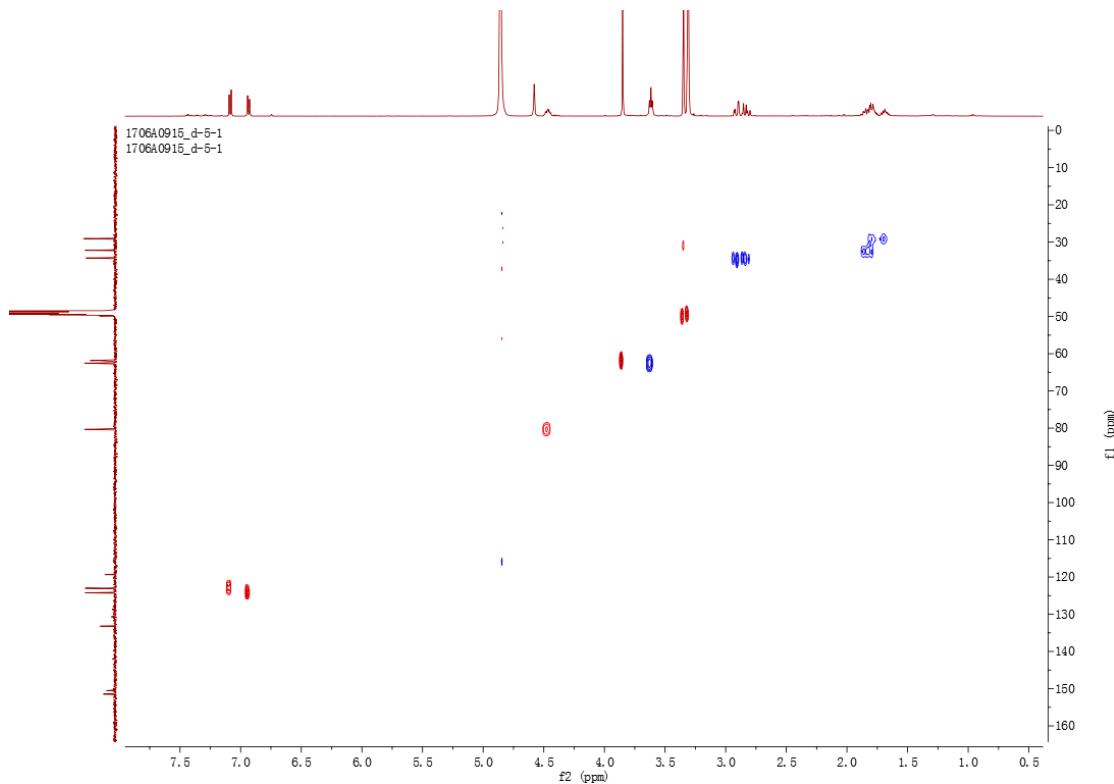


Fig.S11. HSQC spectrum (CD₃OD, 600MHz) of compound (2)

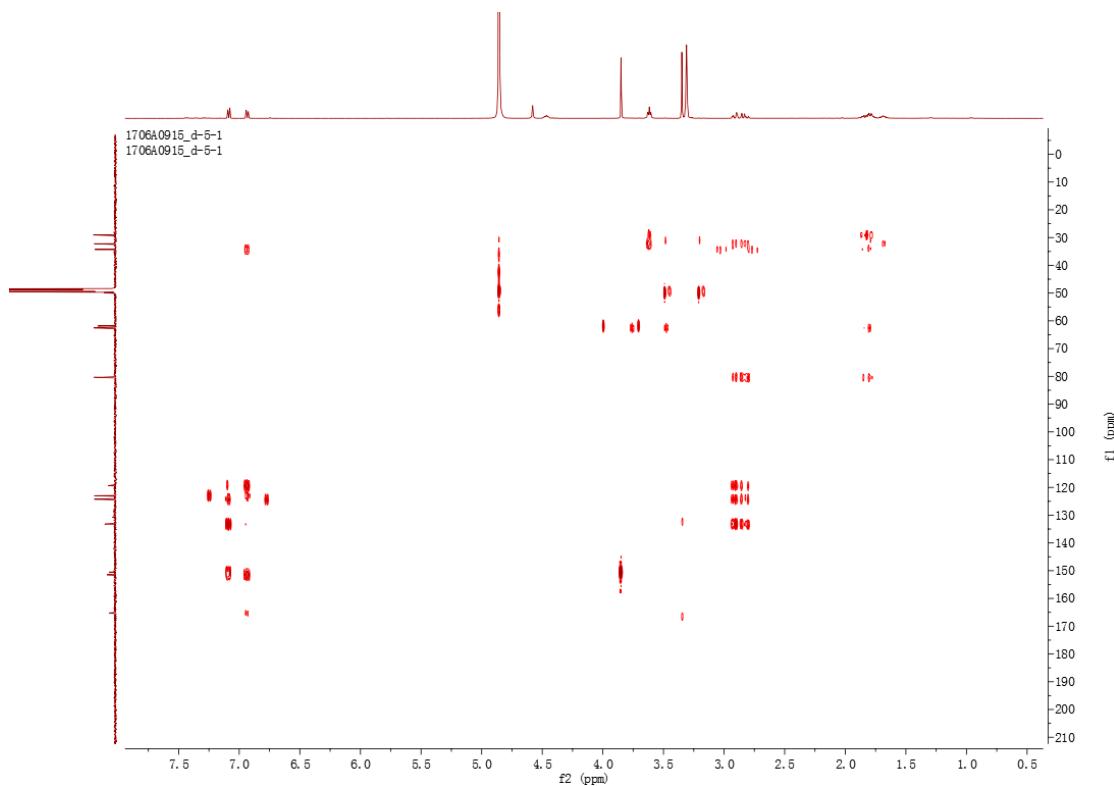


Fig.S12. HMBC spectrum (CD₃OD, 600MHz) of compound (2)

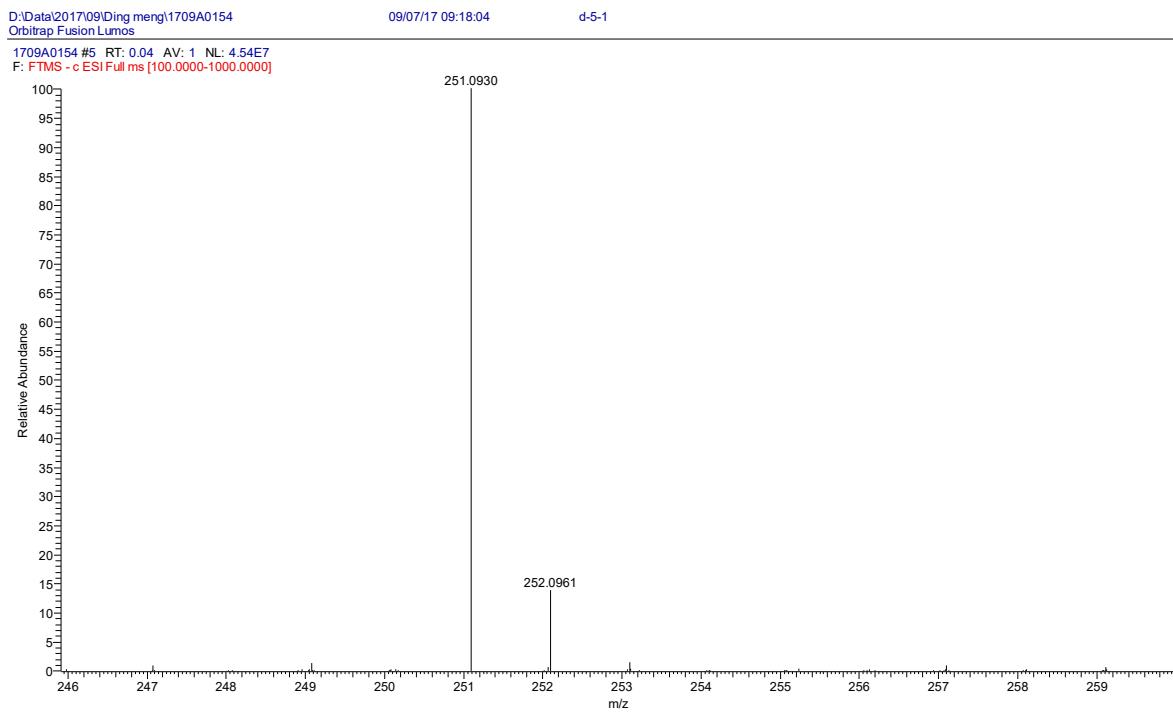


Fig.S13. HR-ESI-MS spectrum of compound (2)

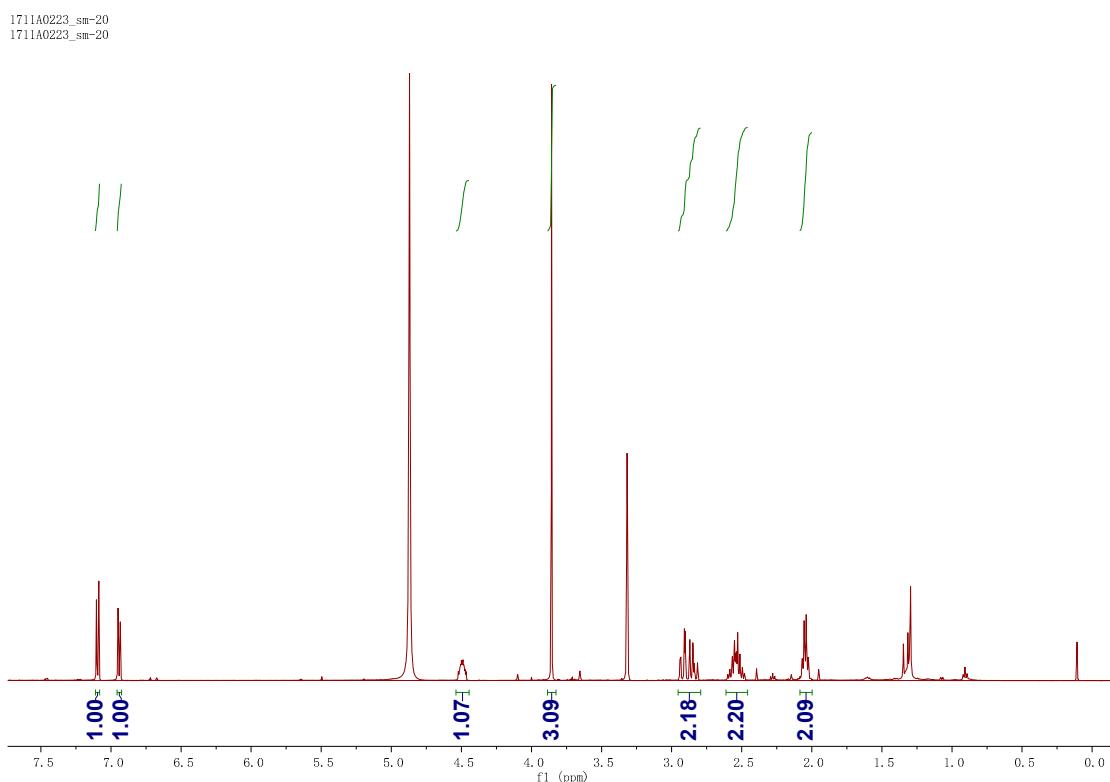


Fig.S14. ^1H - NMR spectrum (CD_3OD , 600MHz) of compound (3)

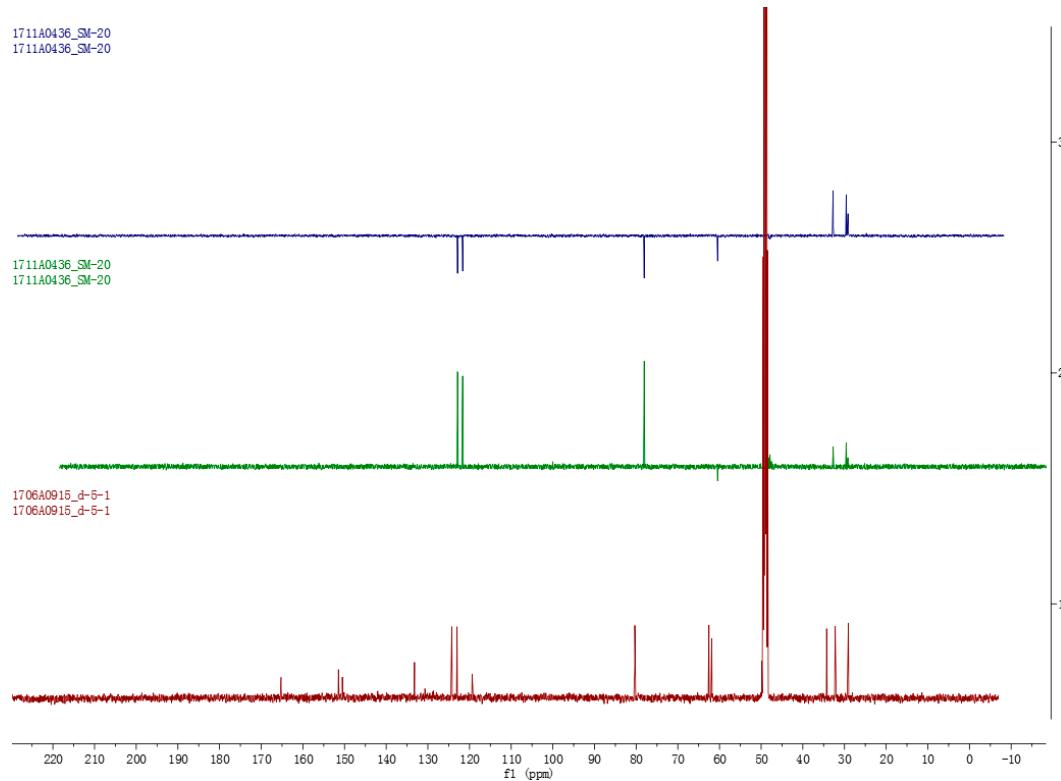


Fig.S15. DEPT 135, DEPT 90 and ^{13}C -NMR spectrum (CD_3OD , 150MHz) of compound (3)

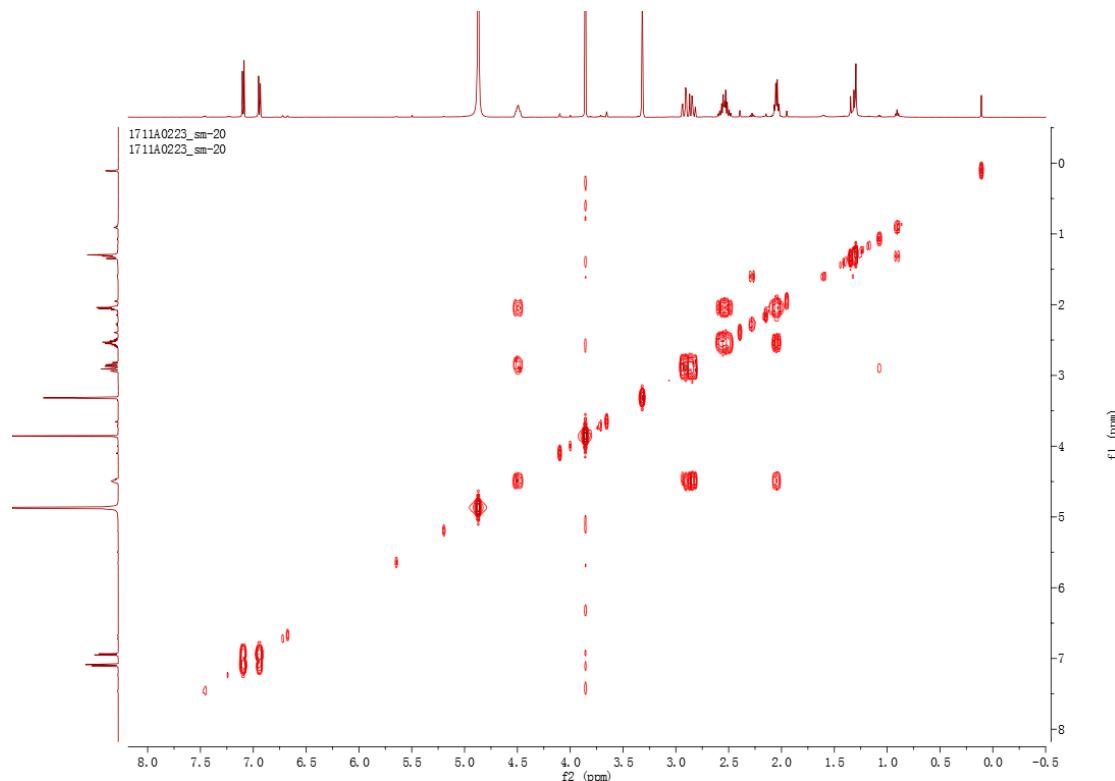


Fig.S16. ^1H - ^1H COSY spectrum (CD_3OD , 600MHz) of compound (3)

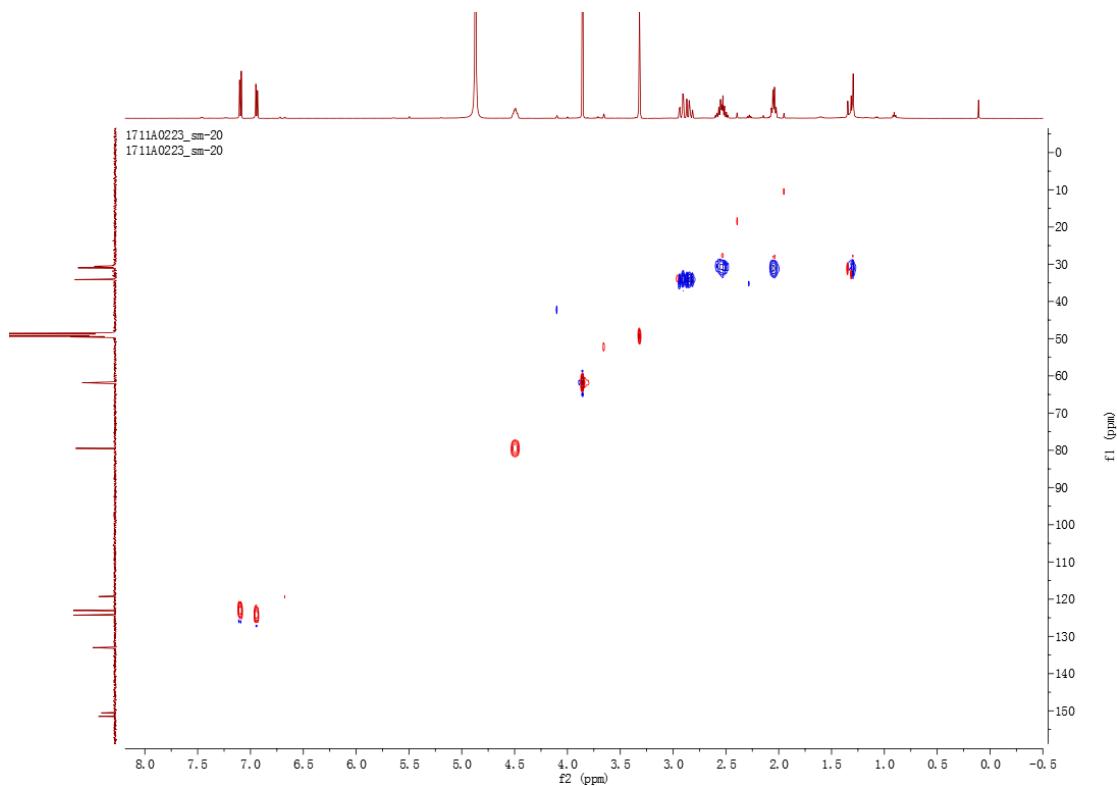


Fig.S17. HSQC spectrum (CD₃OD, 600MHz) of compound (3)

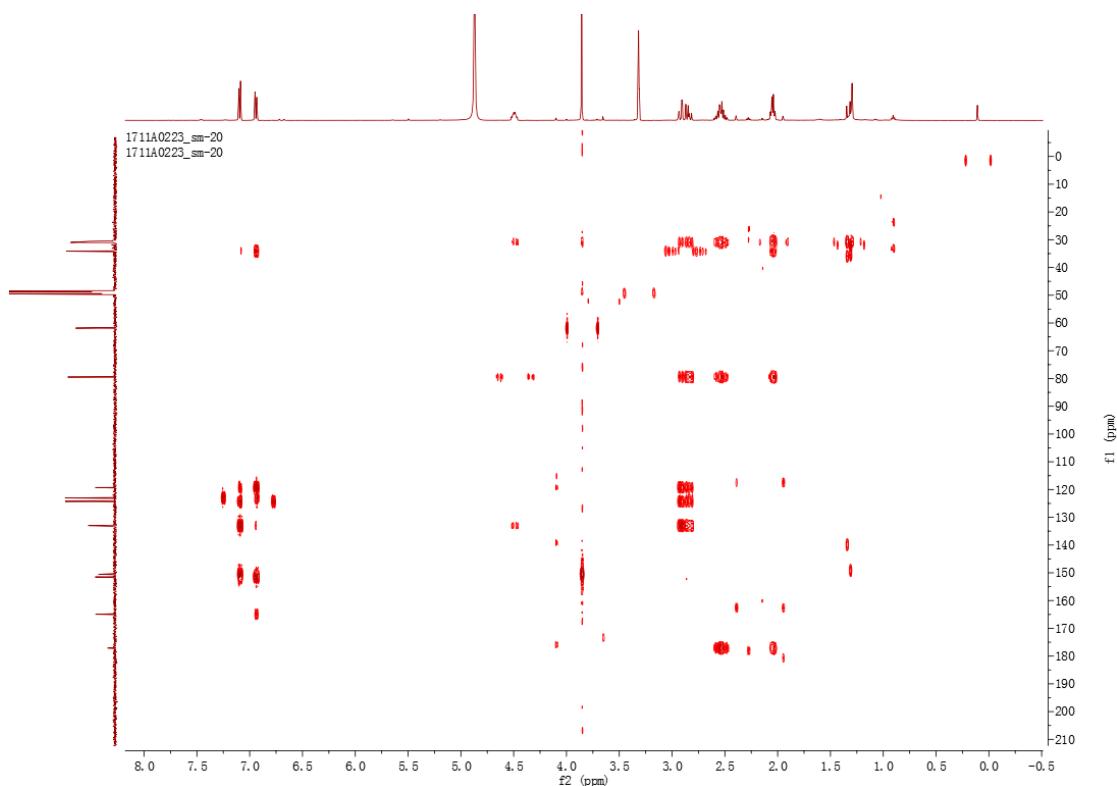


Fig.S18. HMBC spectrum (CD₃OD, 600MHz) of compound (3)

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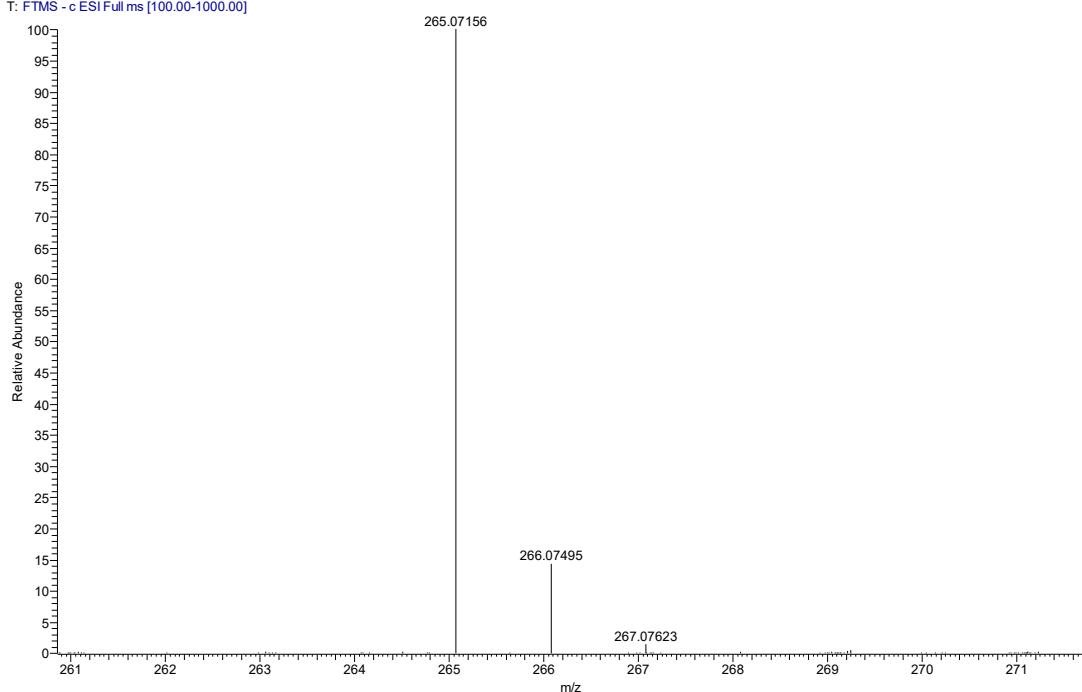


Fig.S19. HR-ESI-MS spectrum of compound (3)

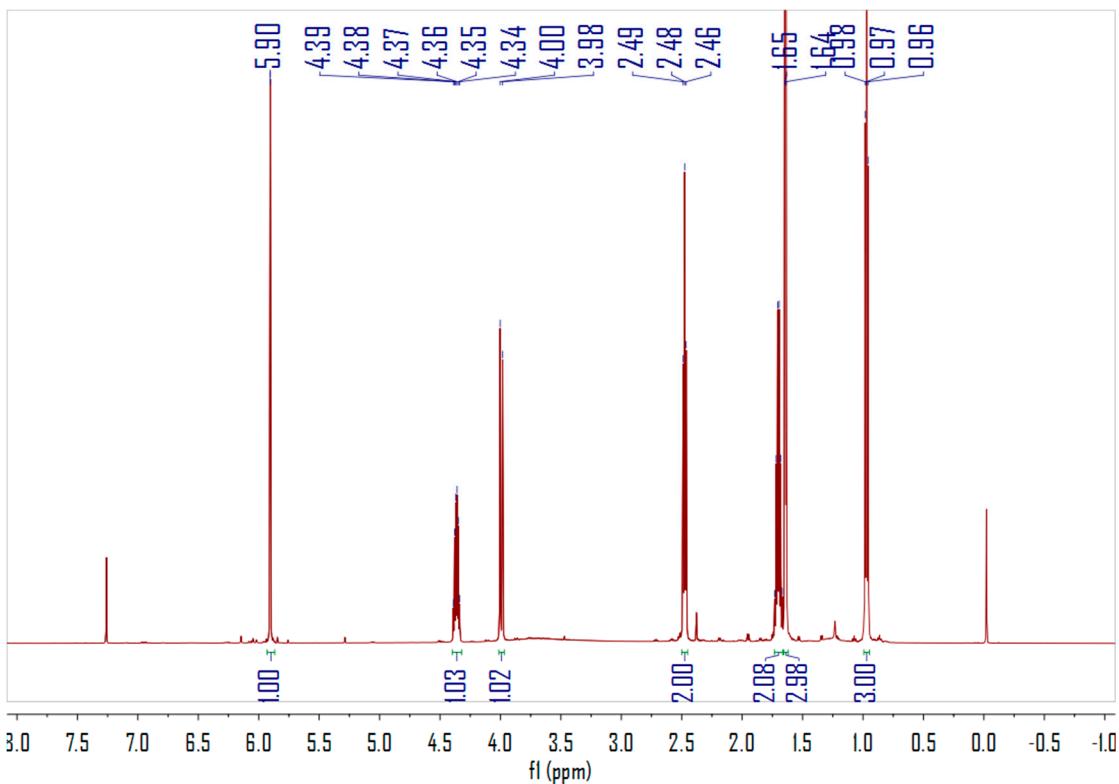


Fig.S20. ^1H - NMR spectrum (CDCl_3 , 600MHz) of compound (4)

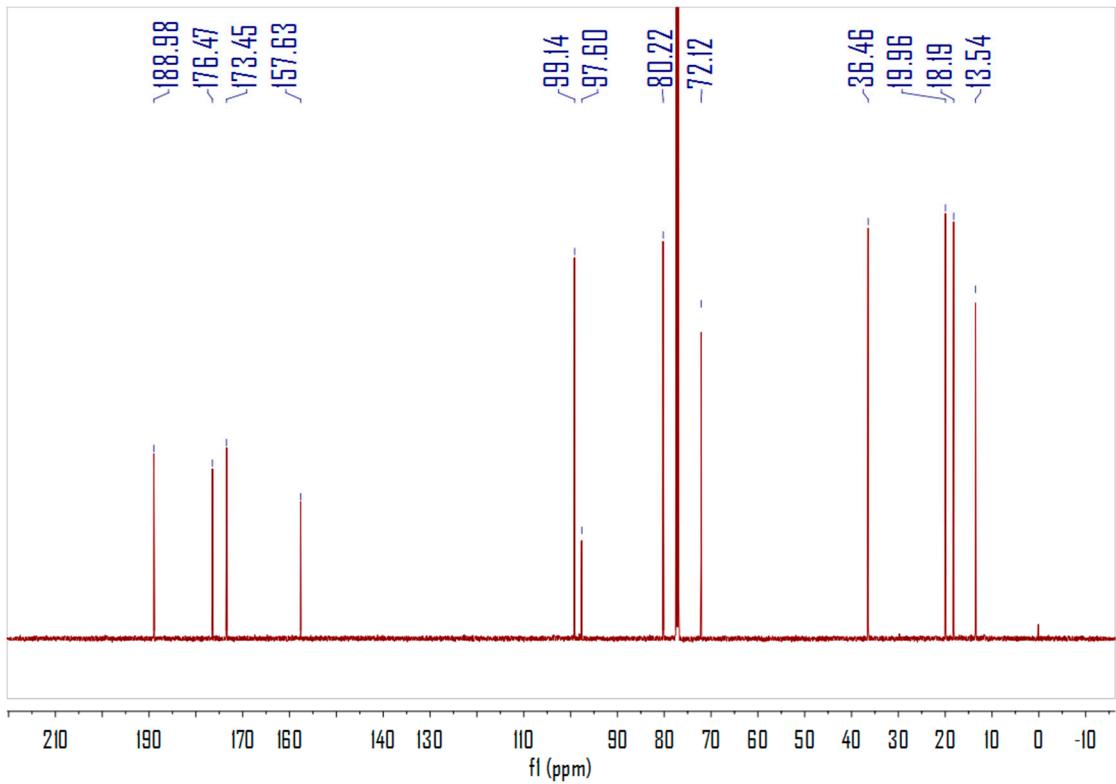


Fig.S21. ^{13}C - NMR spectrum (CDCl₃, 150MHz) of compound (4)

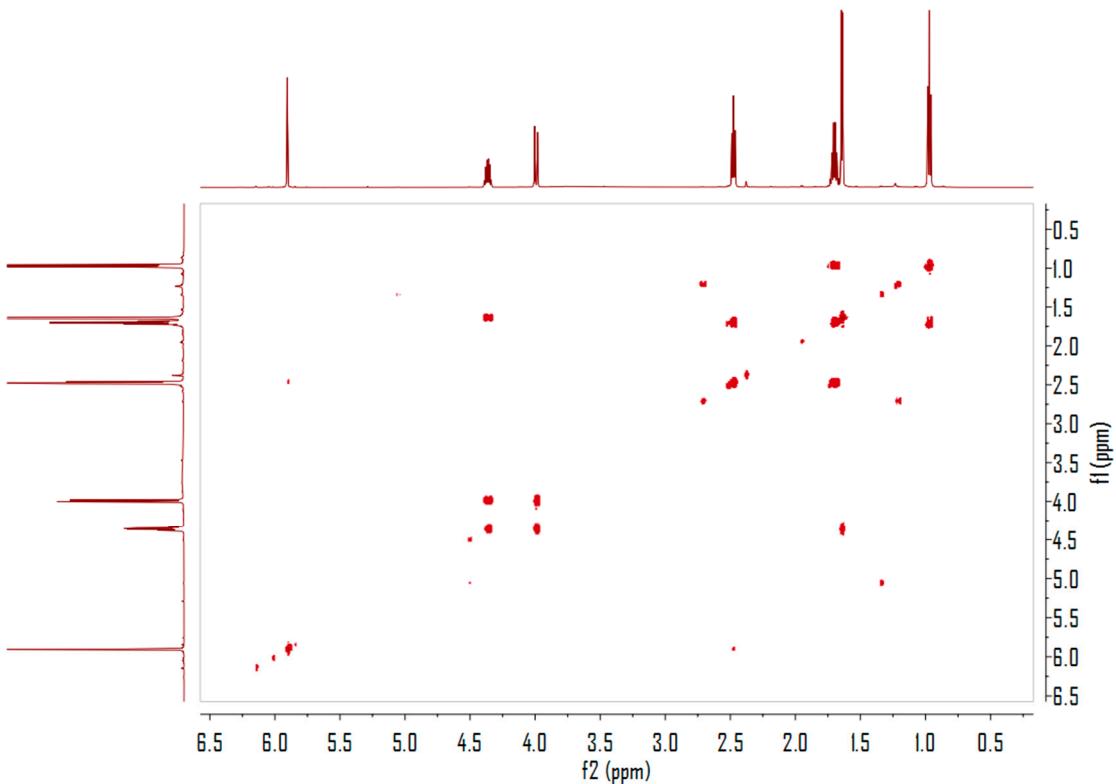


Fig.S22. ^1H - ^1H COSY spectrum (CDCl₃, 600MHz) of compound (4)

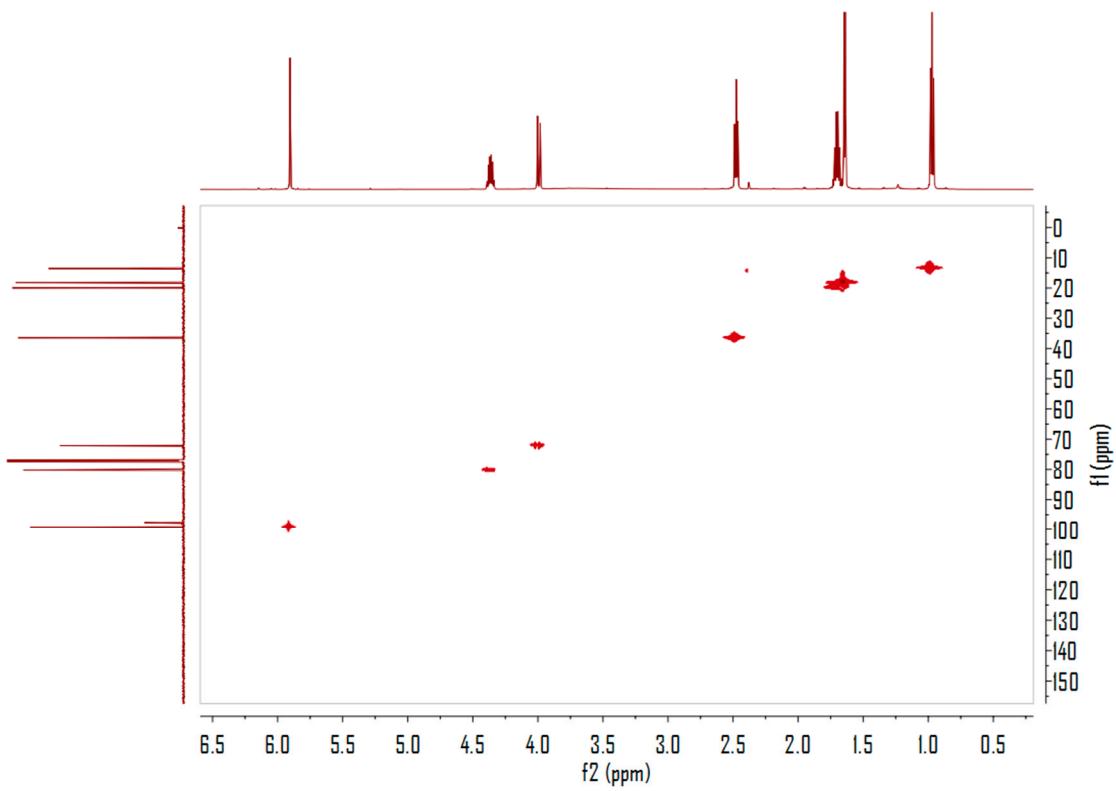


Fig.S23. HSQC spectrum (CDCl_3 , 600MHz) of compound (4)

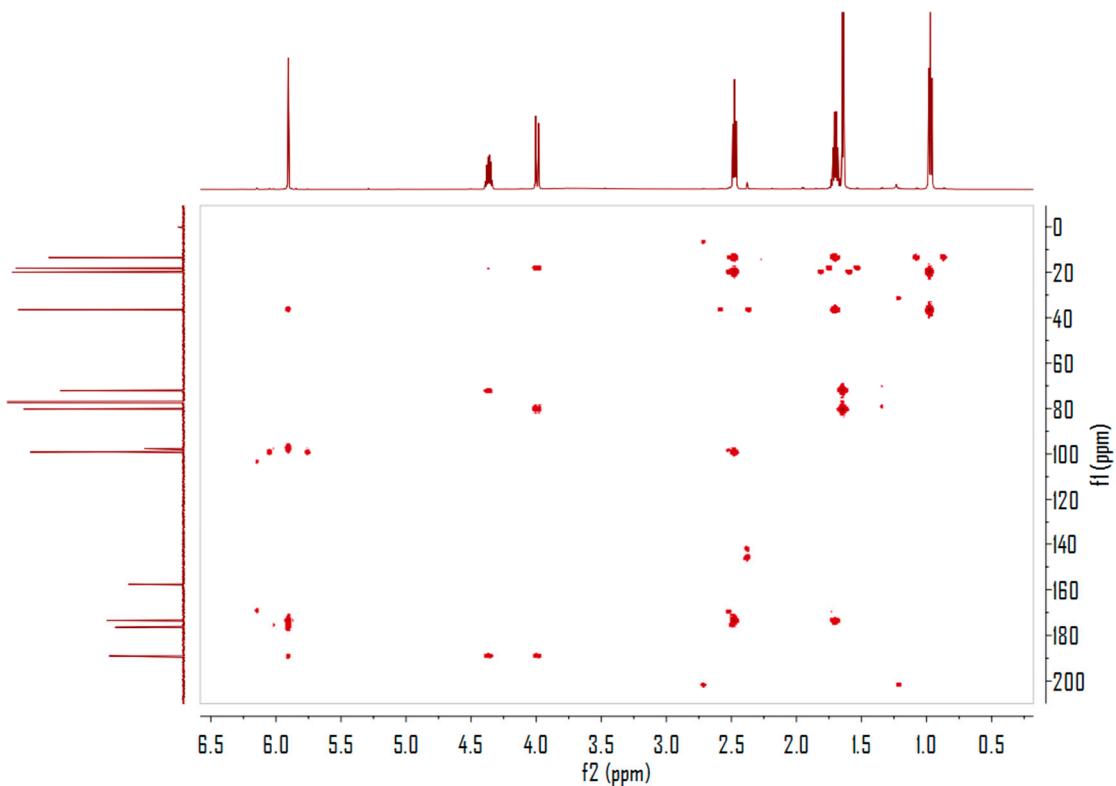


Fig.S24. HMBC spectrum (CDCl_3 , 600MHz) of compound (4)

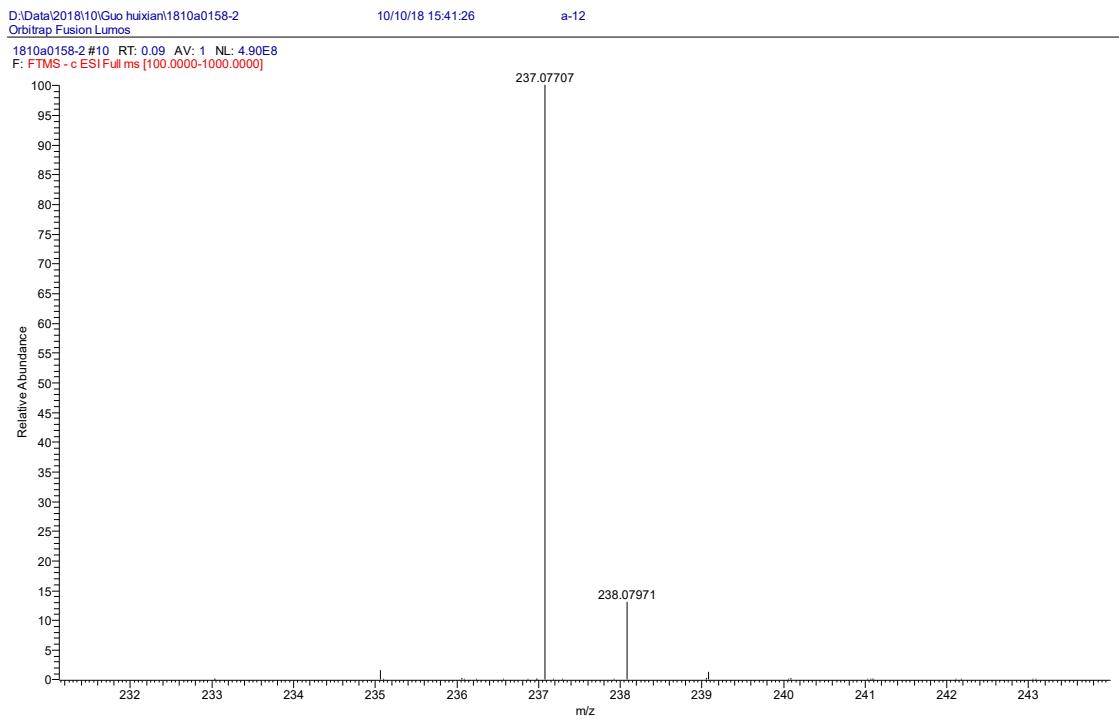


Fig.S25. HR-ESI-MS spectrum of compound (4)

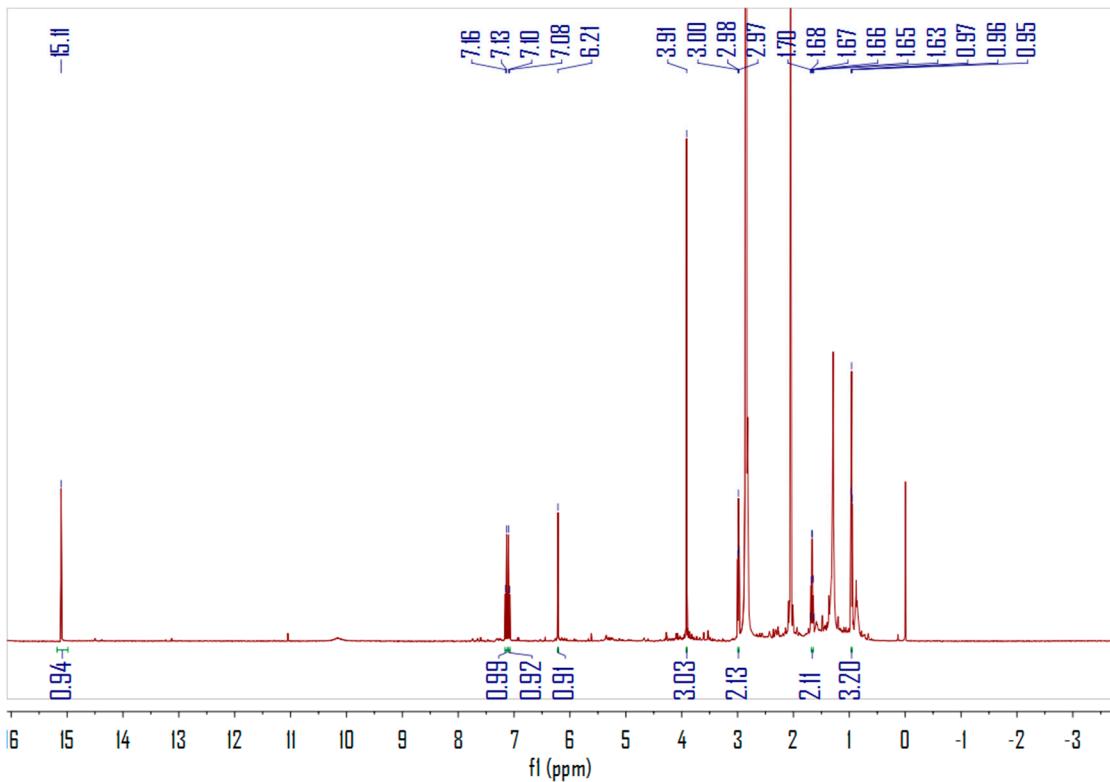


Fig.S26. ^1H - NMR spectrum (acetone- d_6 , 600MHz) of compound (7)

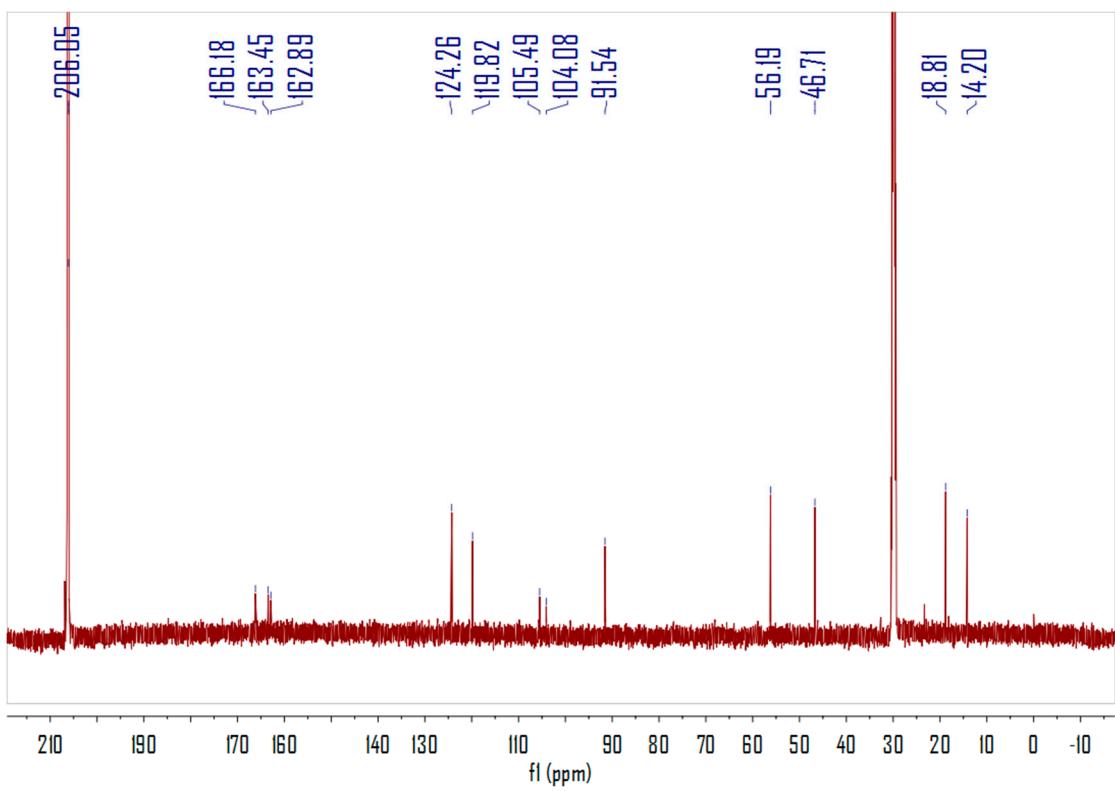


Fig.S27. ^{13}C -NMR spectrum (acetone- d_6 , 150MHz) of compound (7)

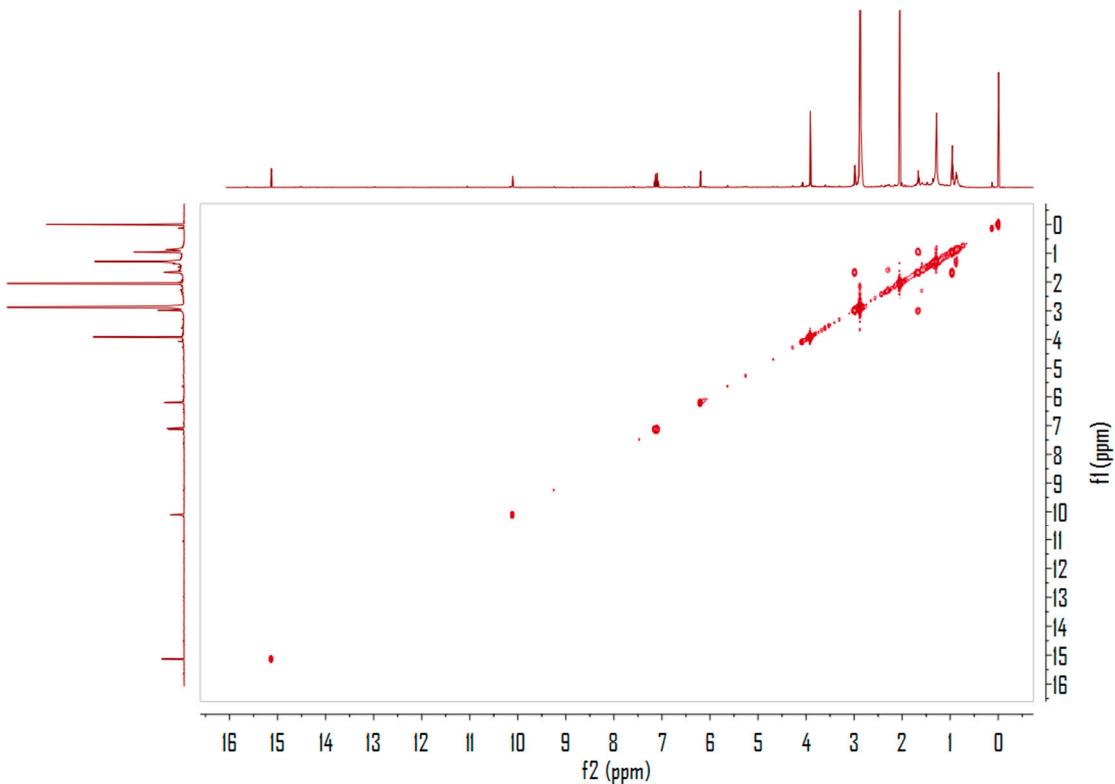


Fig.S28. ^1H - ^1H COSY spectrum (acetone- d_6 , 600MHz) of compound (7)

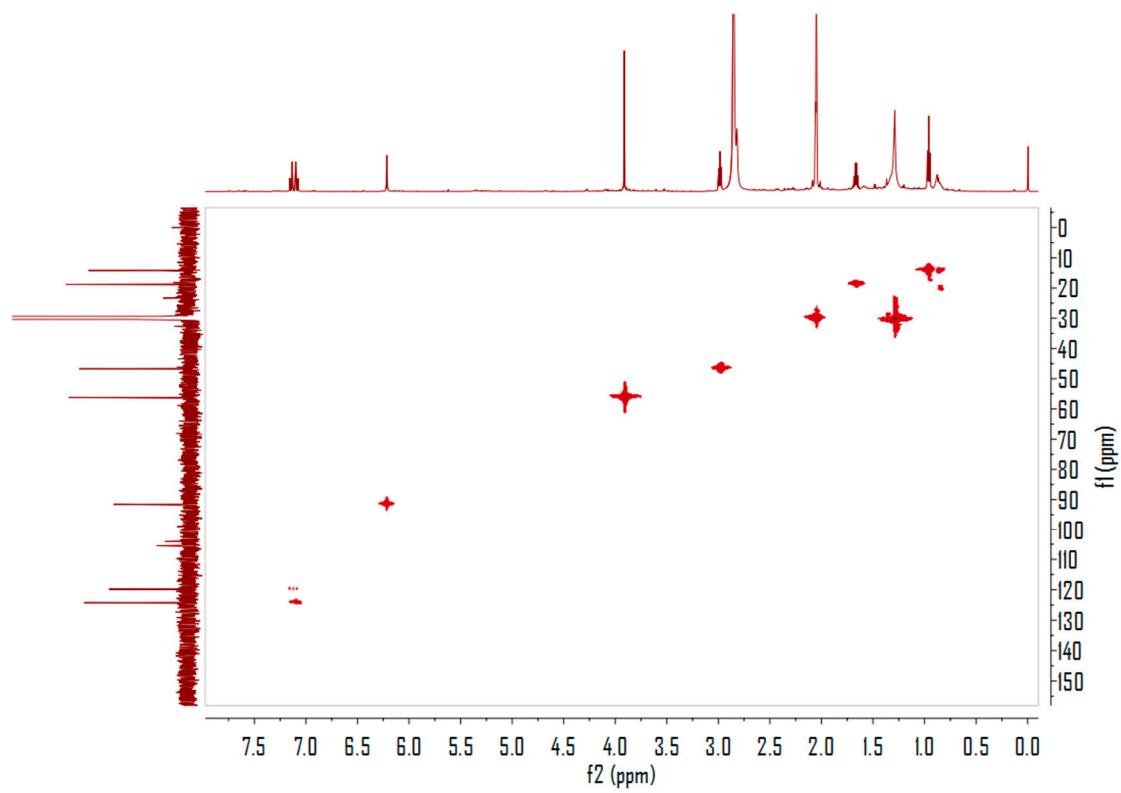


Fig.S29. HSQC spectrum (acetone- d_6 , 600MHz) of compound (7)

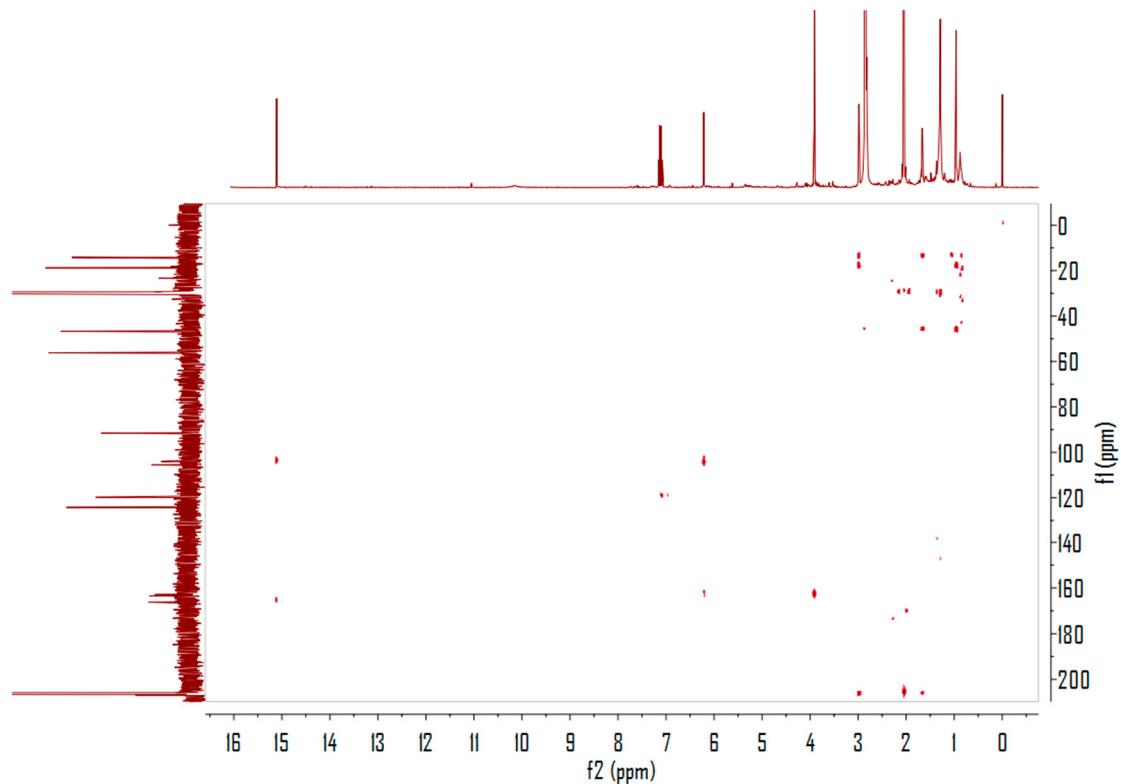


Fig.S30. HMBC spectrum (acetone- d_6 , 600MHz) of compound (7)

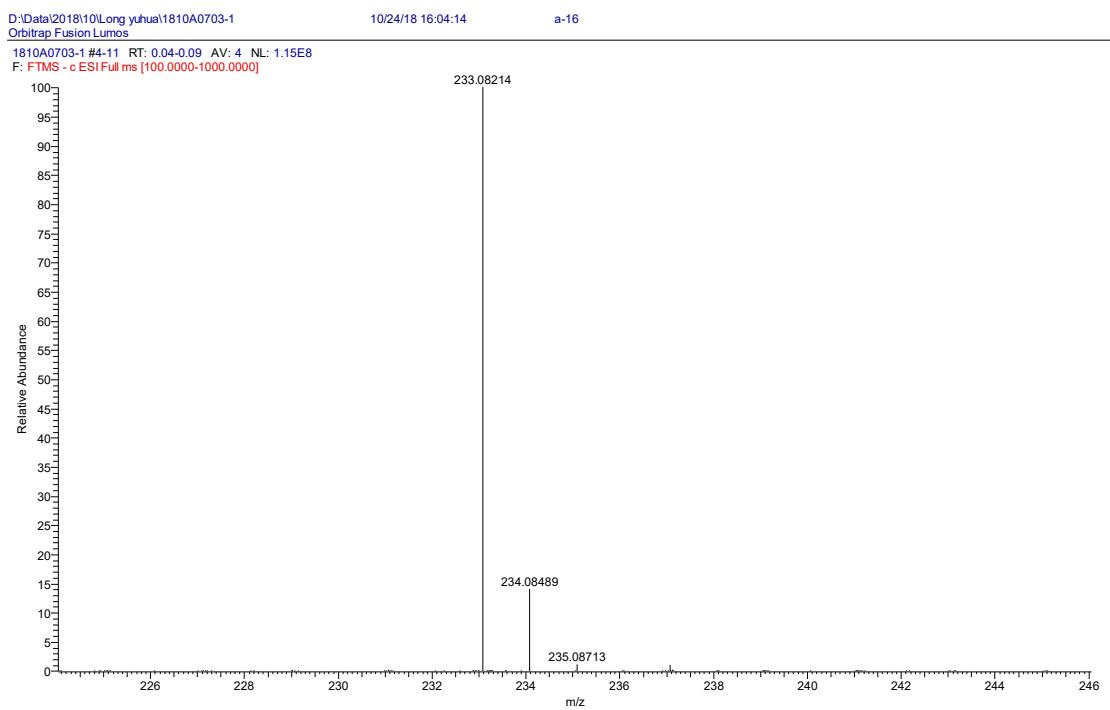


Fig.S31. HR-ESI-MS spectrum of compound (7)

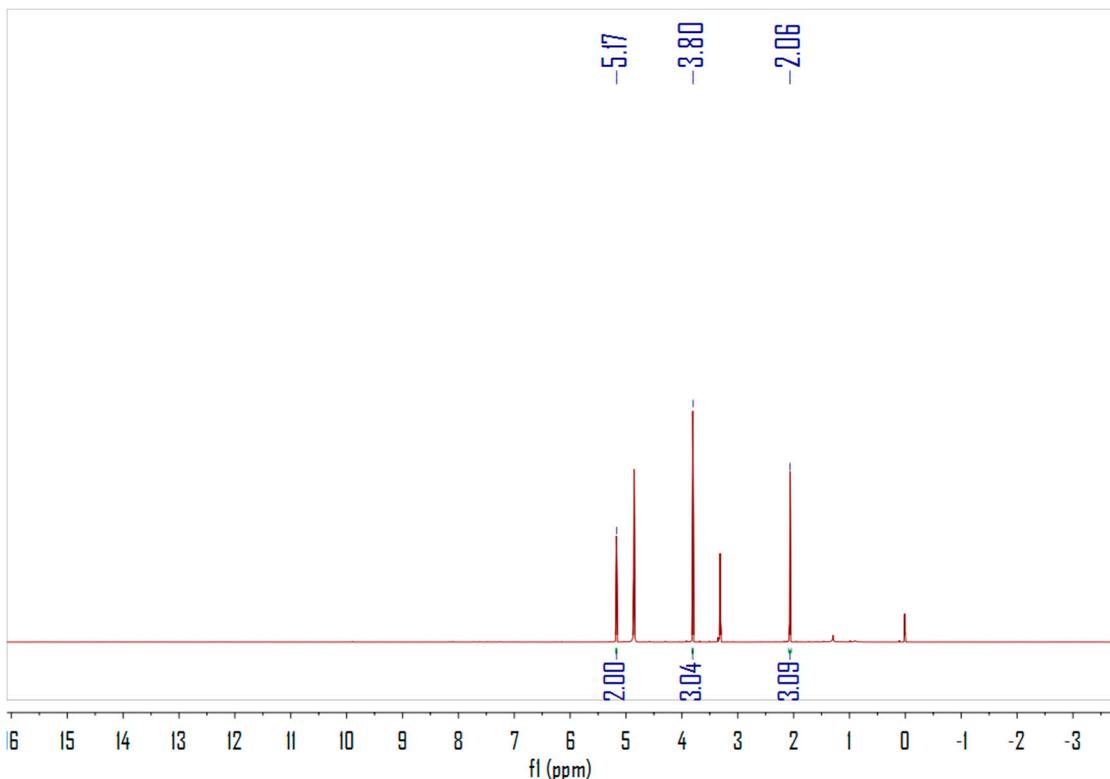


Fig.S32. ^1H - NMR spectrum (CD_3OD , 600MHz) of compound (8)

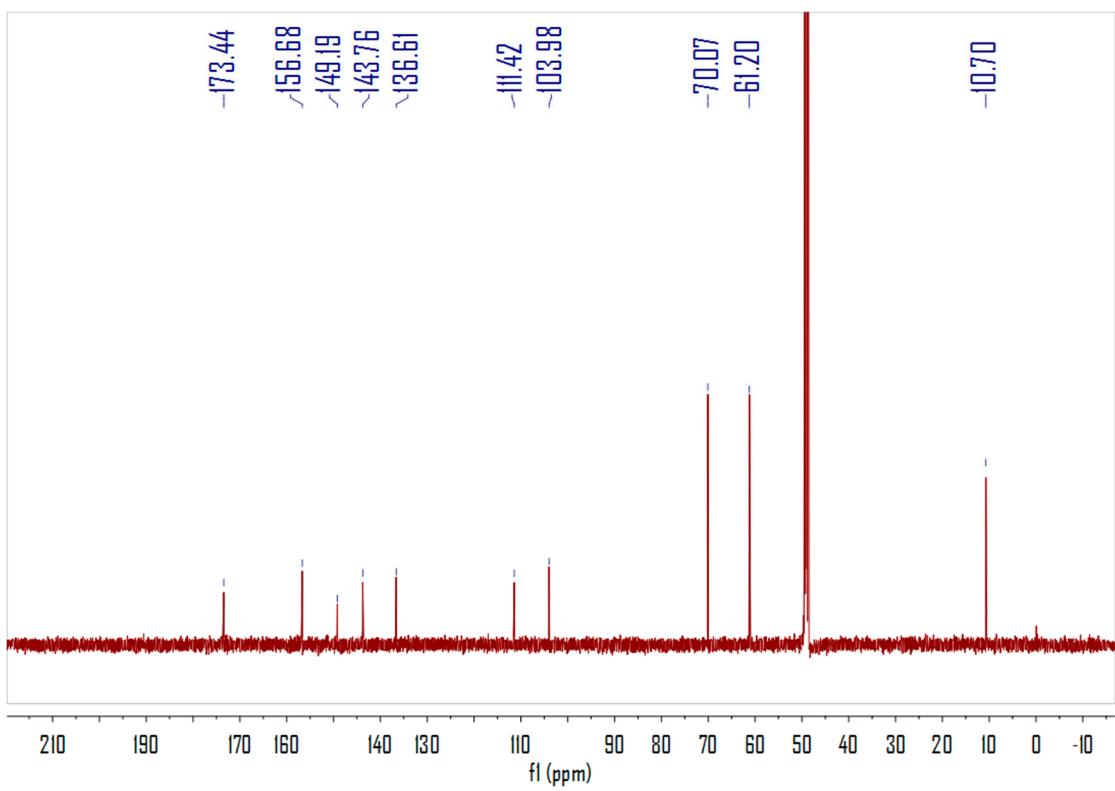


Fig.S33. ¹³C- NMR spectrum (CD₃OD, 150MHz) of compound (8)

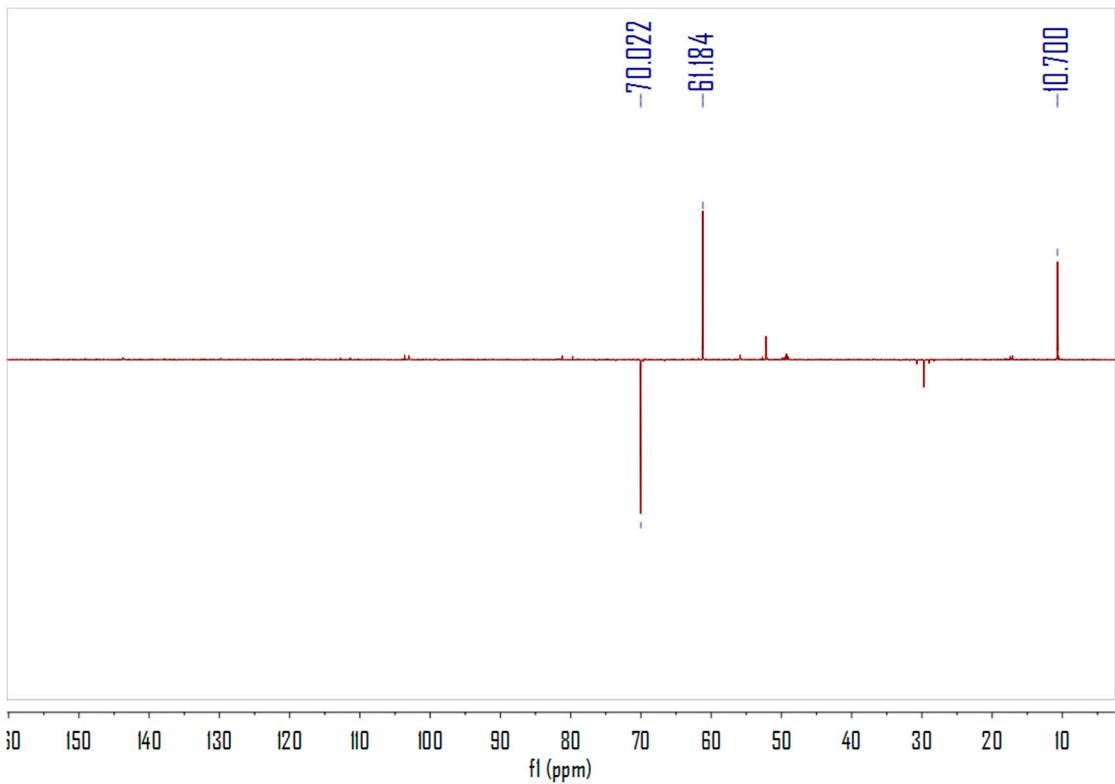


Fig.S34. DEPT 135 spectrum (CD₃OD, 150MHz) of compound (8)

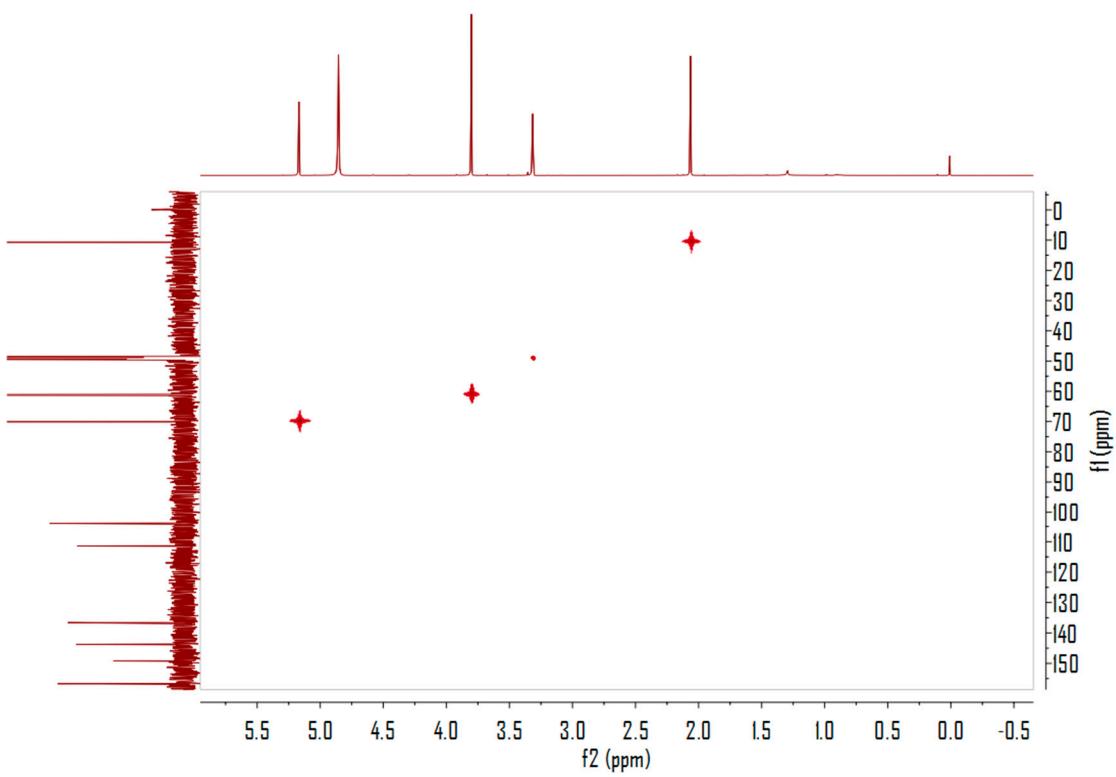


Fig.S35. HSQC spectrum (600MHz, CD₃OD) of compound (8)

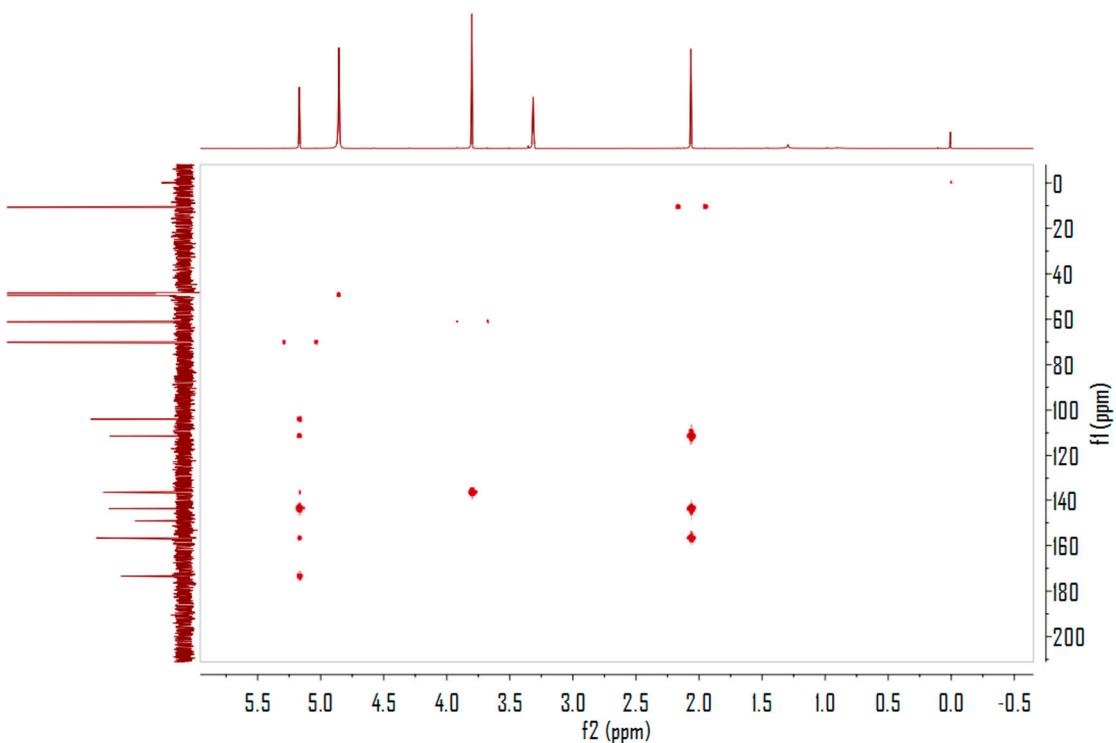


Fig.S36. HMBC spectrum (600MHz, CD₃OD) of compound (8)

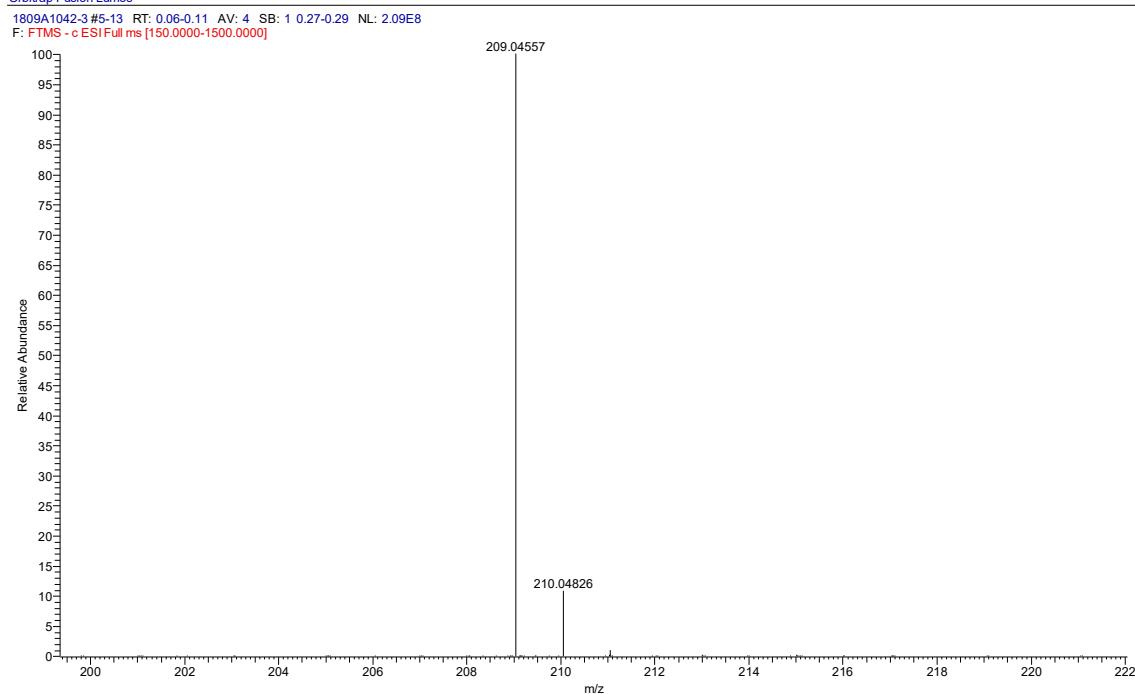


Fig.S37. HR-ESI-MS spectrum of compound (8)