Supporting Information

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

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CONCENT

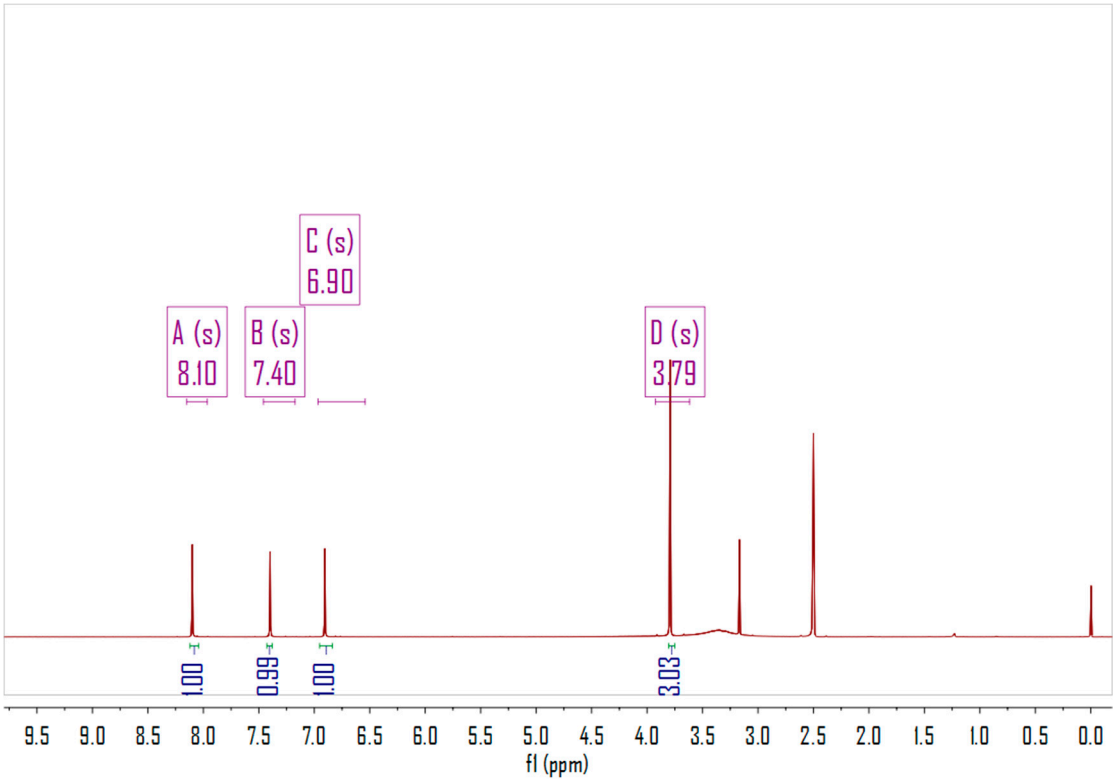

Fig.S1. ^{1}H- NMR spectrum (DMSO-d_6, 600MHz) of compound (**1**)

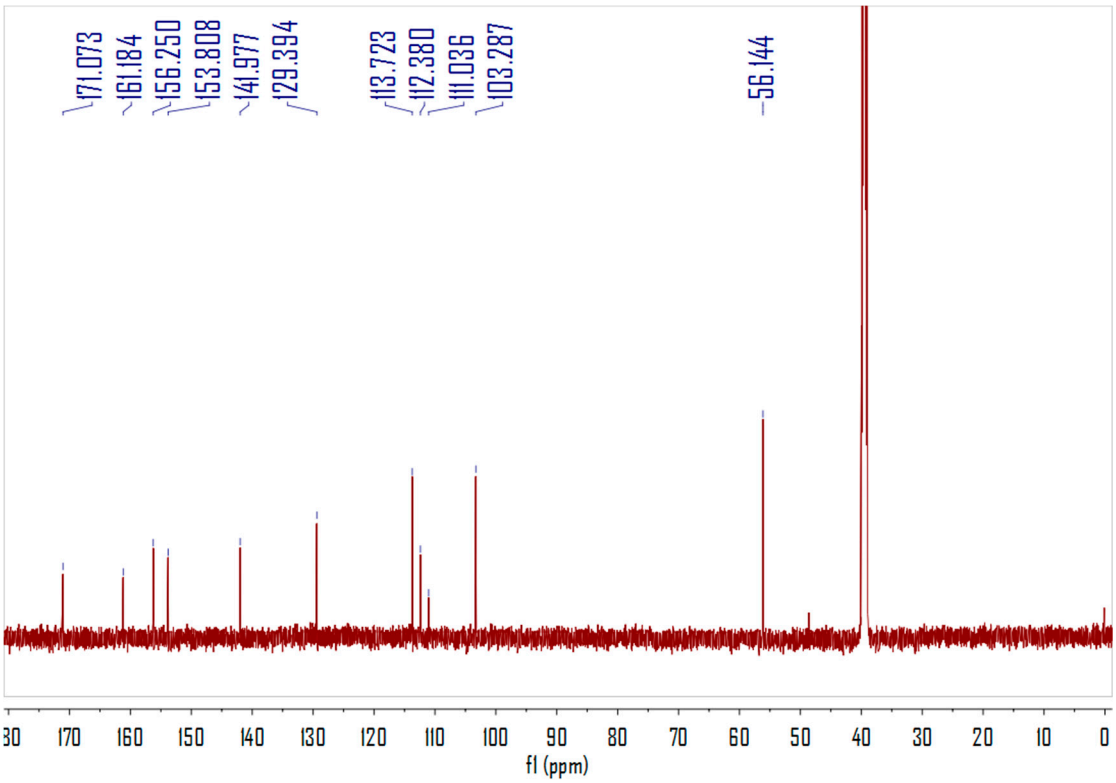

Fig.S2. ^{13}C- NMR spectrum (DMSO-d_6, 150MHz) of compound (**1**)

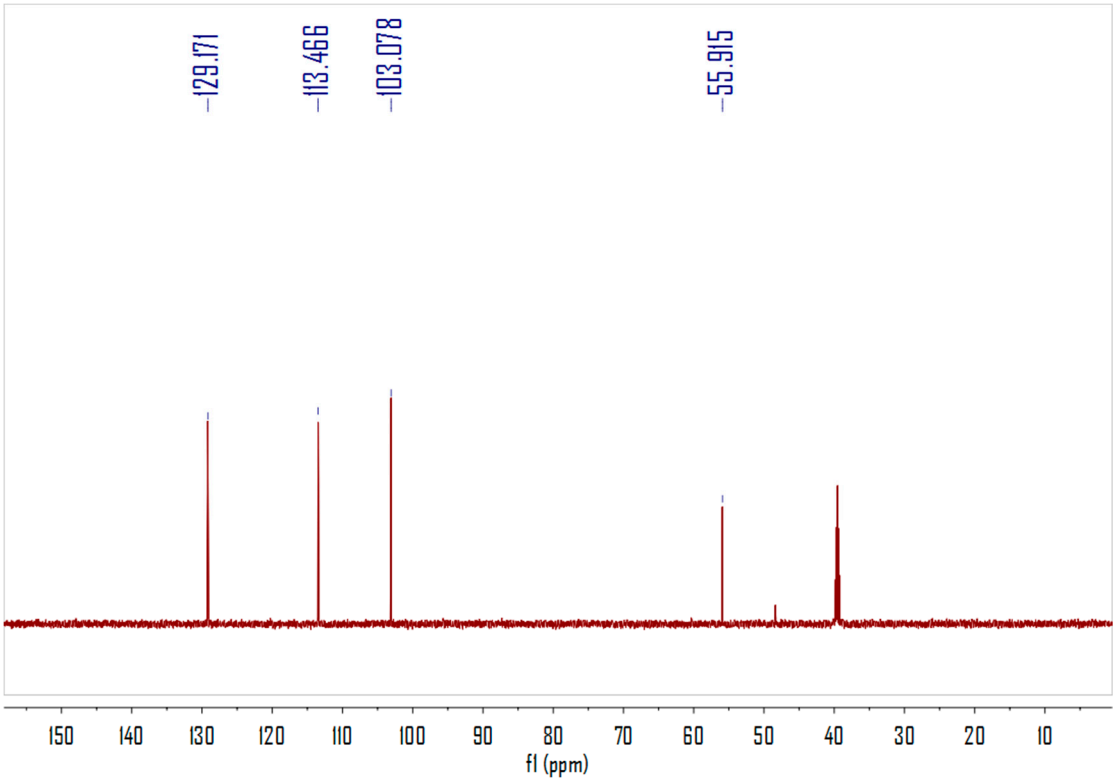

Fig.S3. DEPT 135 spectrum (DMSO-d_6, 150MHz) of compound (**1**)

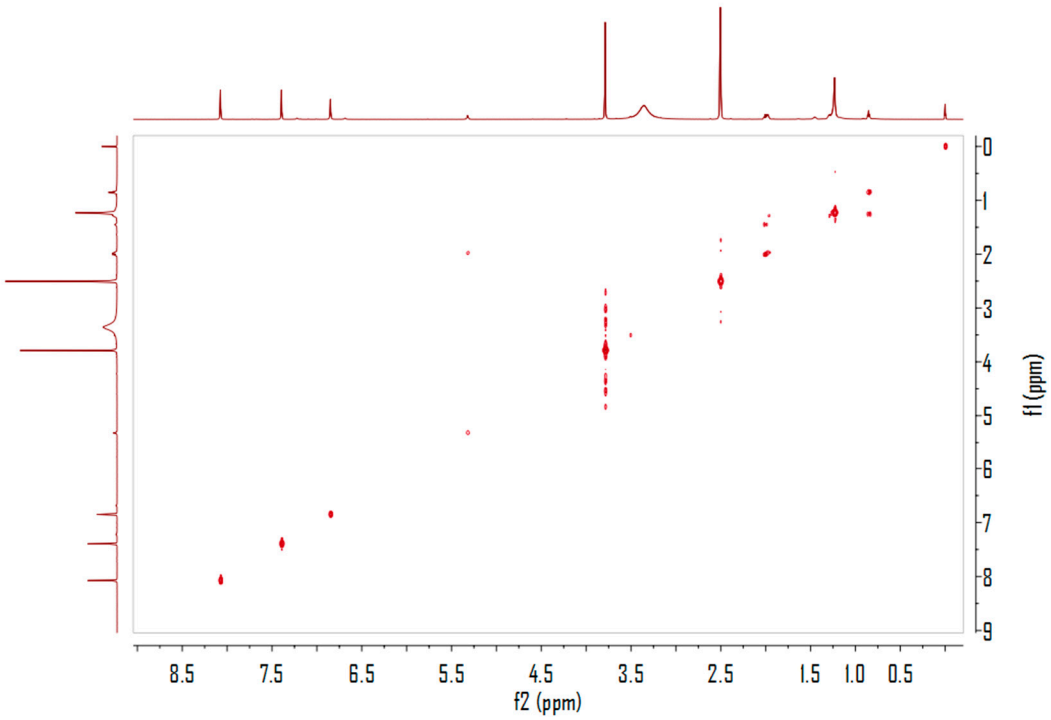

Fig.S4. ^{1}H-^{1}H COSY spectrum (DMSO-d_6, 600MHz) of compound (**1**)

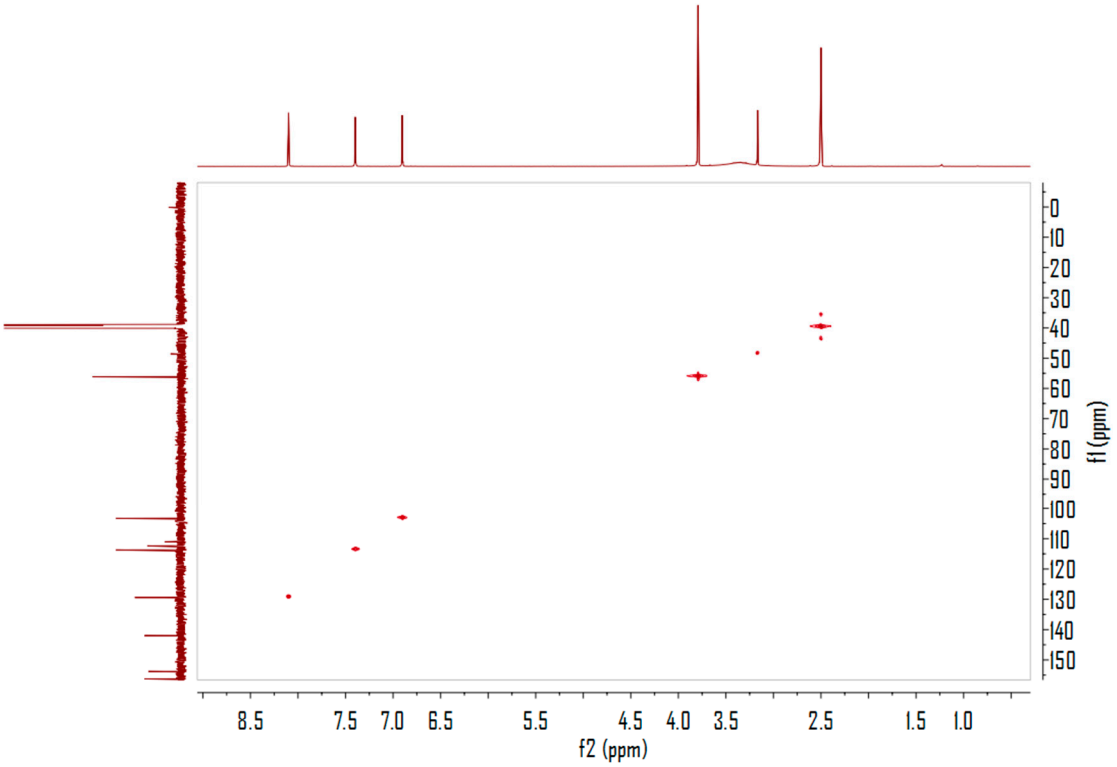

Fig.S5. HSQC spectrum (DMSO-d_6, 600MHz) of compound (**1**)

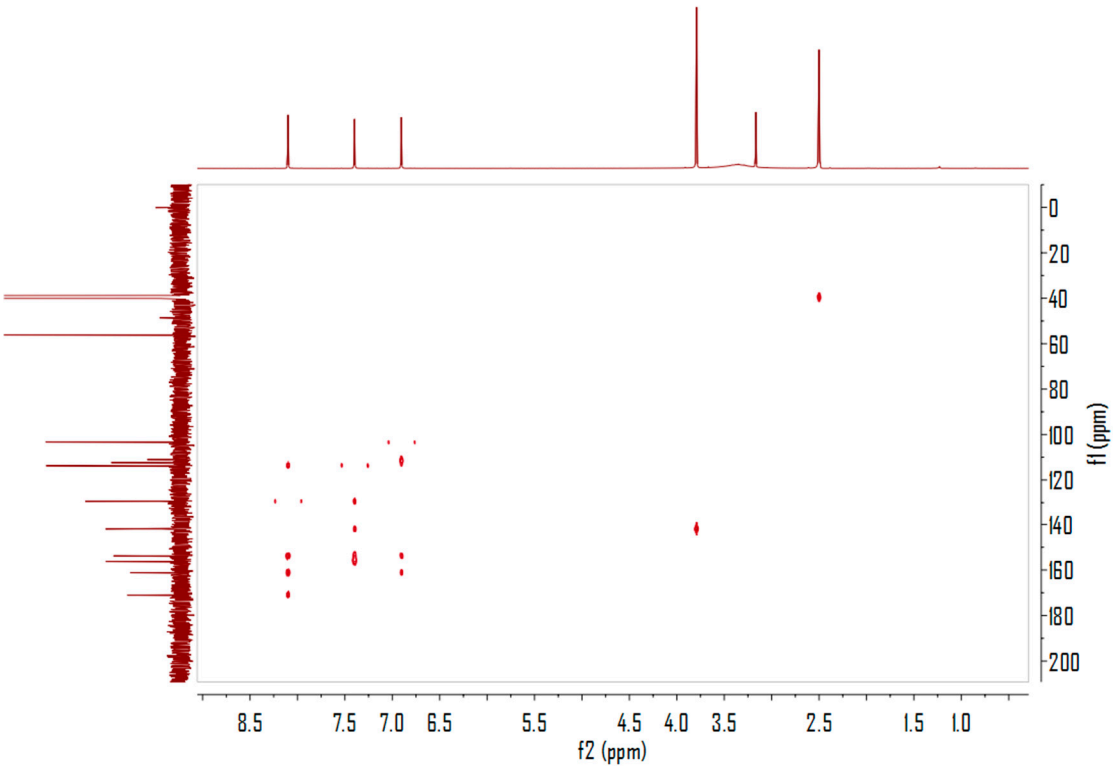

Fig.S6. HMBC spectrum (DMSO-d_6, 600MHz) of compound (**1**)

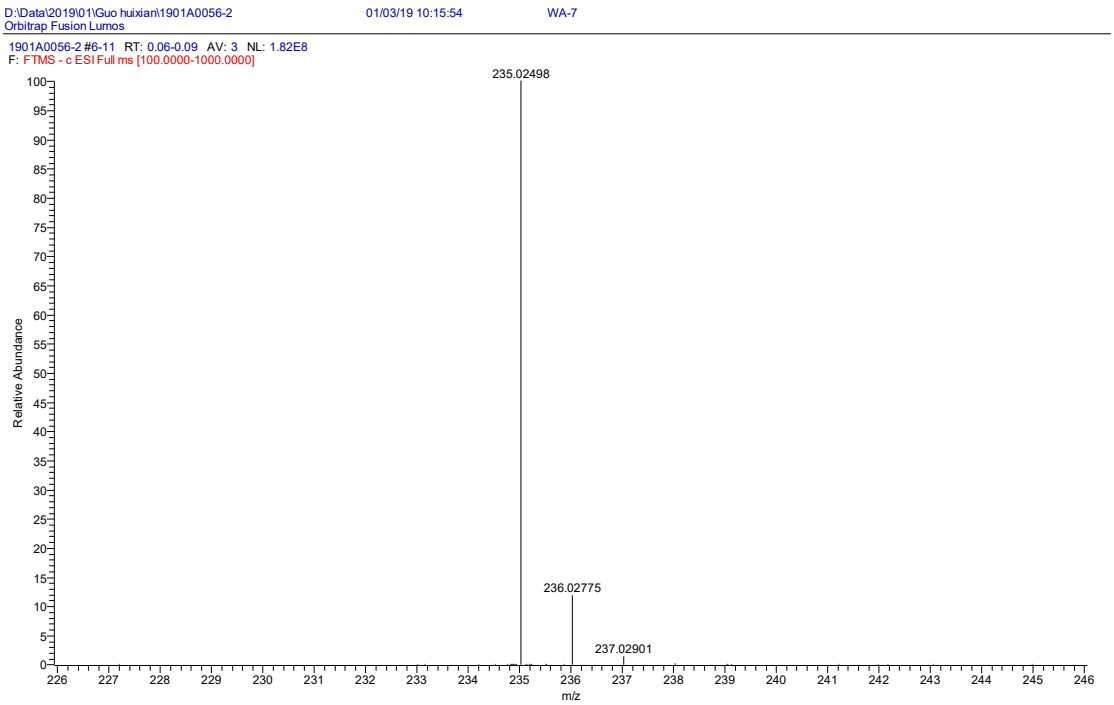

Fig.S7. HR-ESI-MS spectrum of compound (**1**)

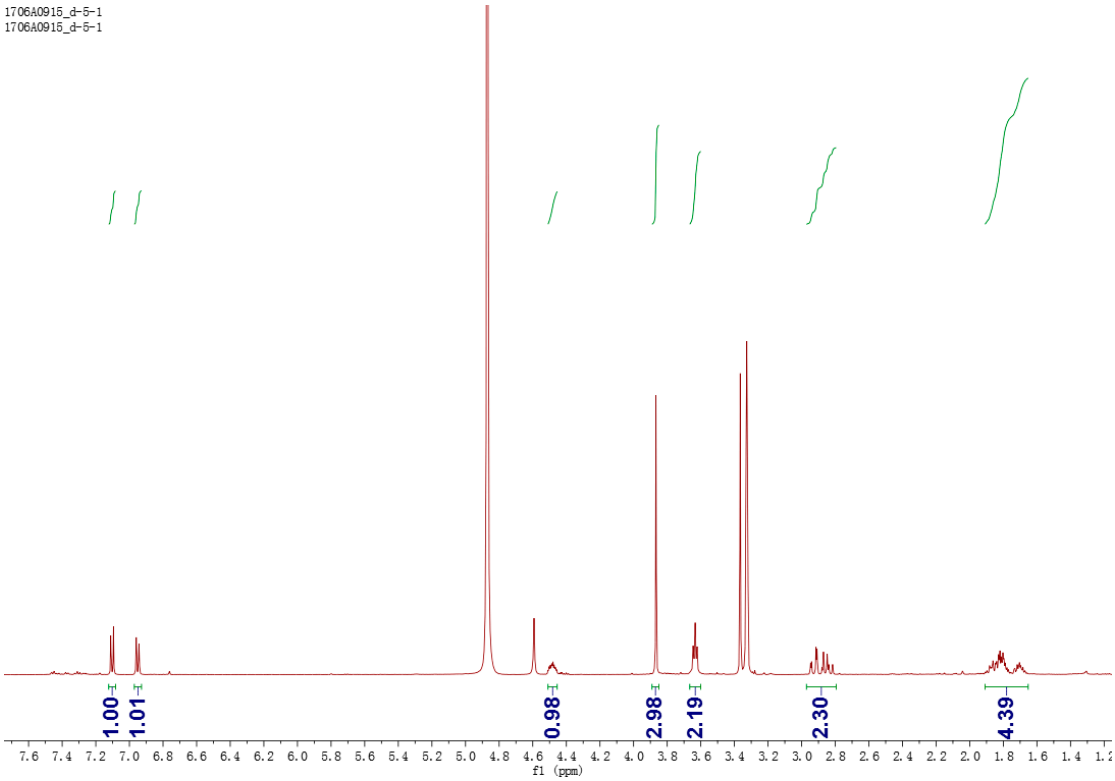

Fig.S8. ^{1}H- NMR spectrum (CD_3OD, 600MHz) of compound (**2**)

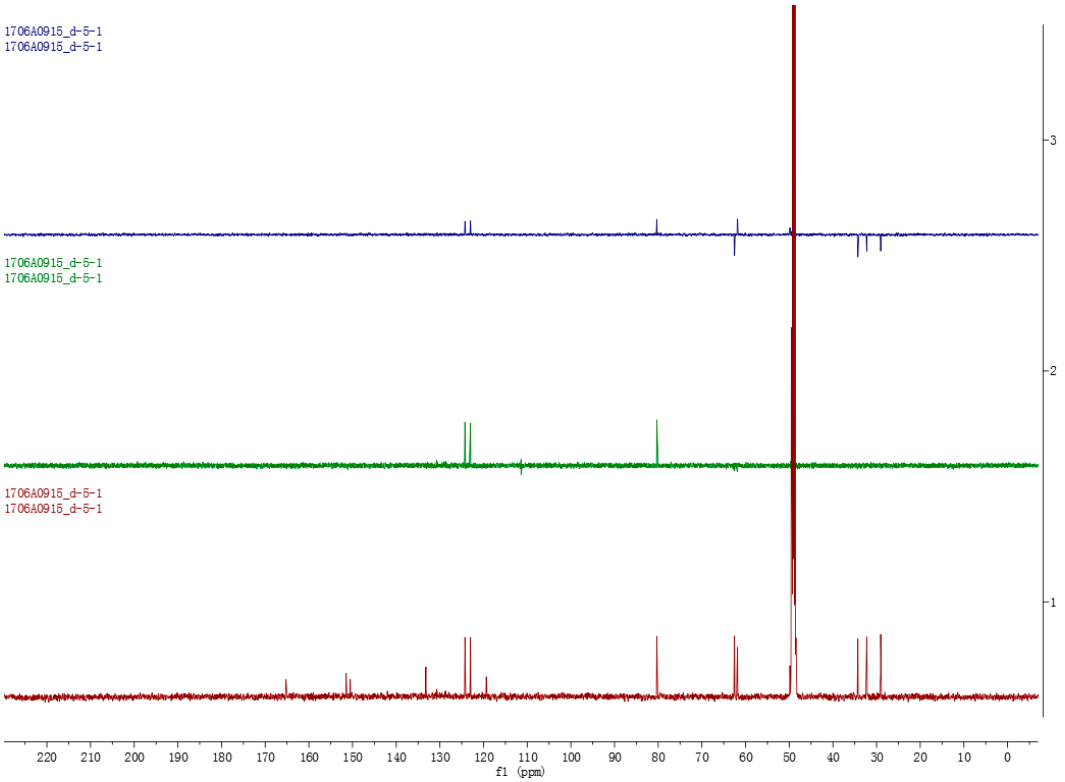

Fig.S9. DEPT 135, DEPT 90 and ^{13}C-NMR spectrum (CD_3OD, 150MHz) of compound (**2**)

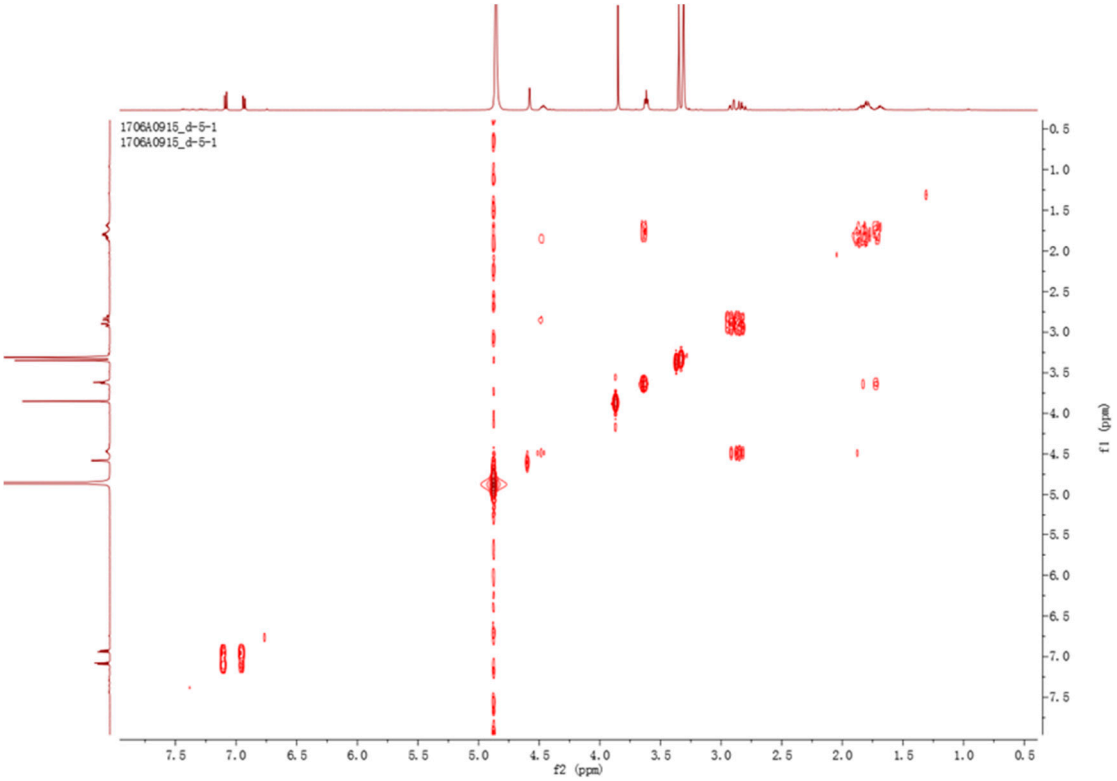

Fig.S10. ^{1}H-^{1}H COSY spectrum (CD_3OD, 600MHz) of compound (2)

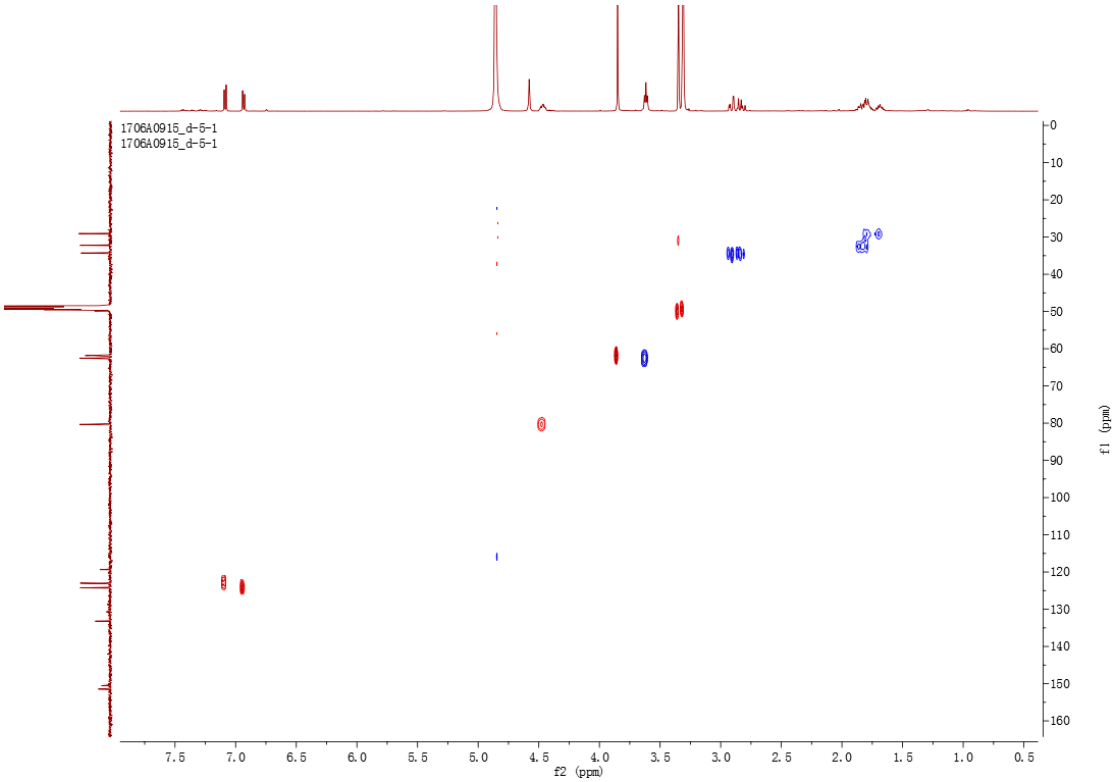

Fig.S11. HSQC spectrum (CD_3OD, 600MHz) of compound (**2**)

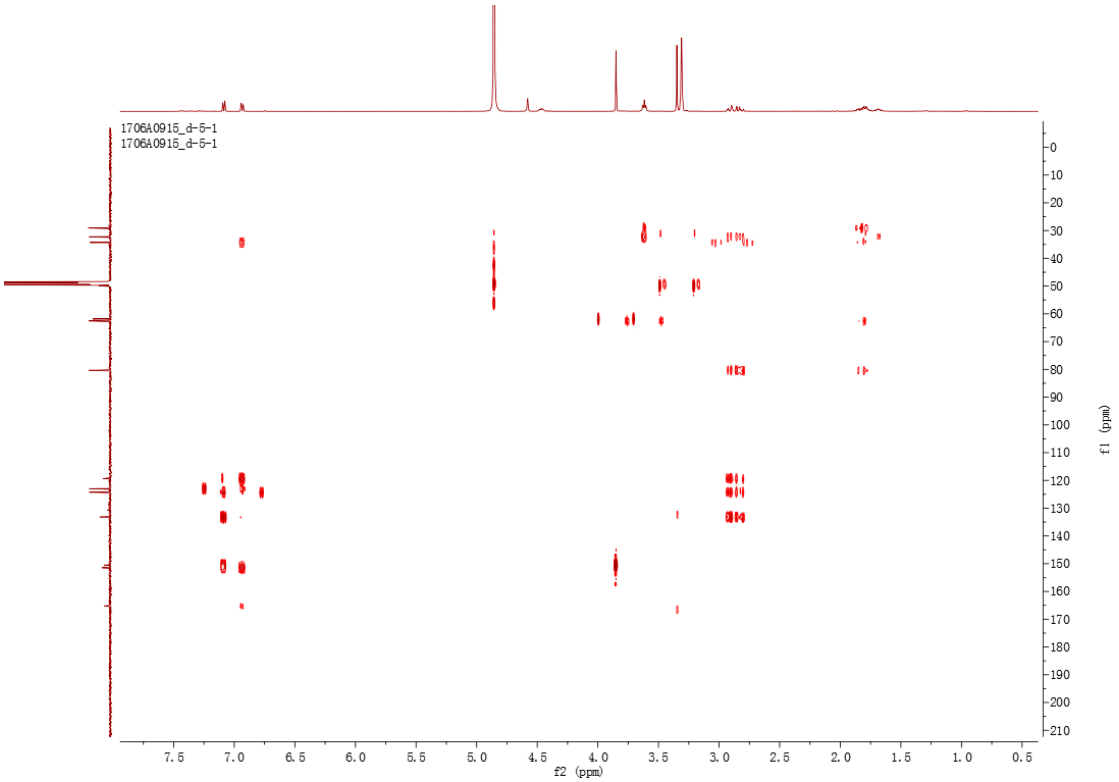

Fig.S12. HMBC spectrum (CD_3OD, 600MHz) of compound (**2**)

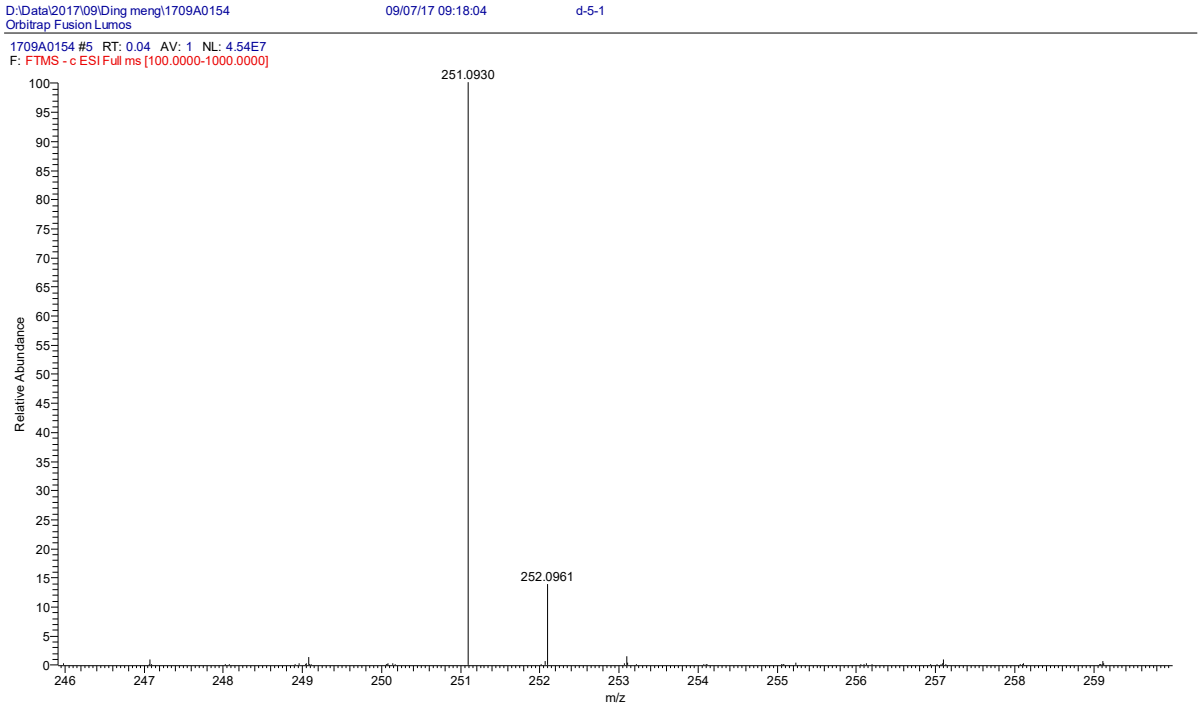

Fig.S13. HR-ESI-MS spectrum of compound (**2**)

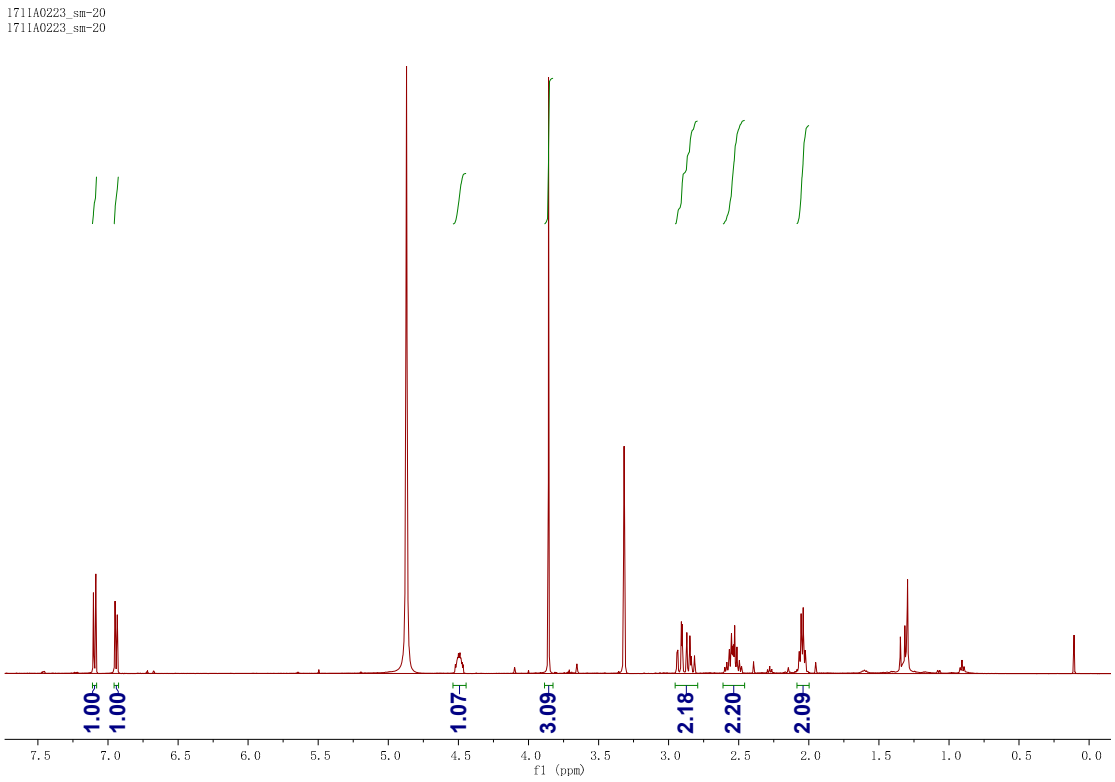

Fig.S14. ^{1}H- NMR spectrum (CD_3OD, 600MHz) of compound (**3**)

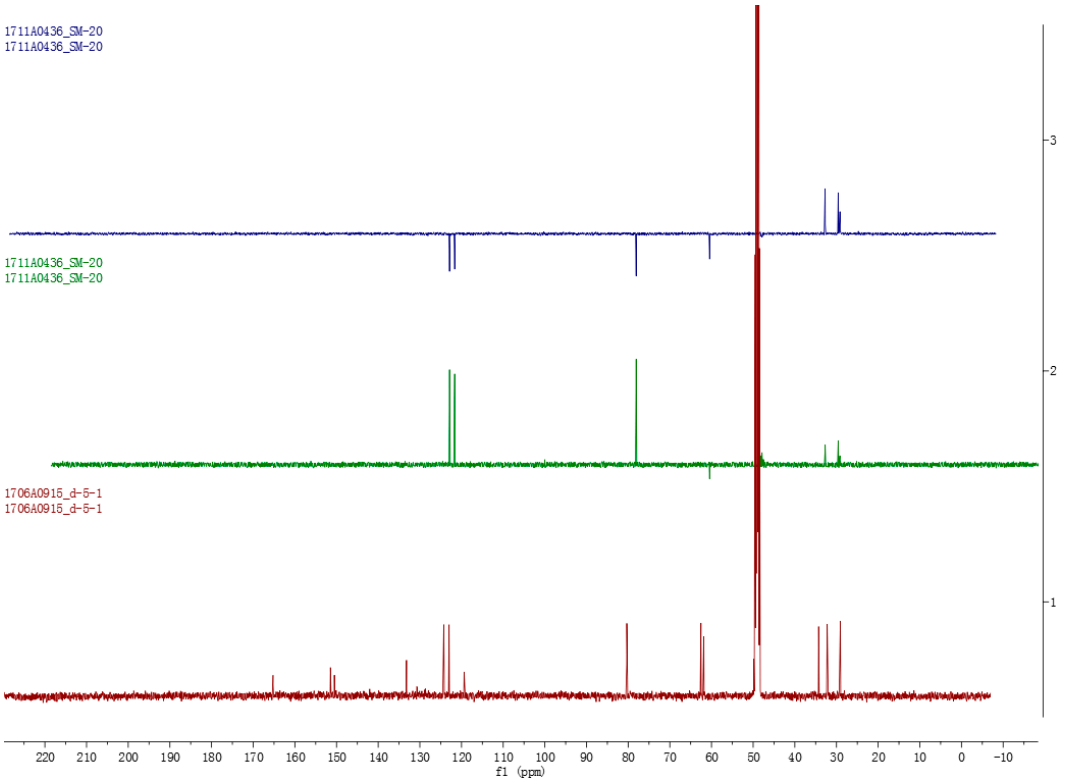

Fig.S15. DEPT 135, DEPT 90 and ^{13}C-NMR spectrum (CD_3OD, 150MHz) of compound (**3**)

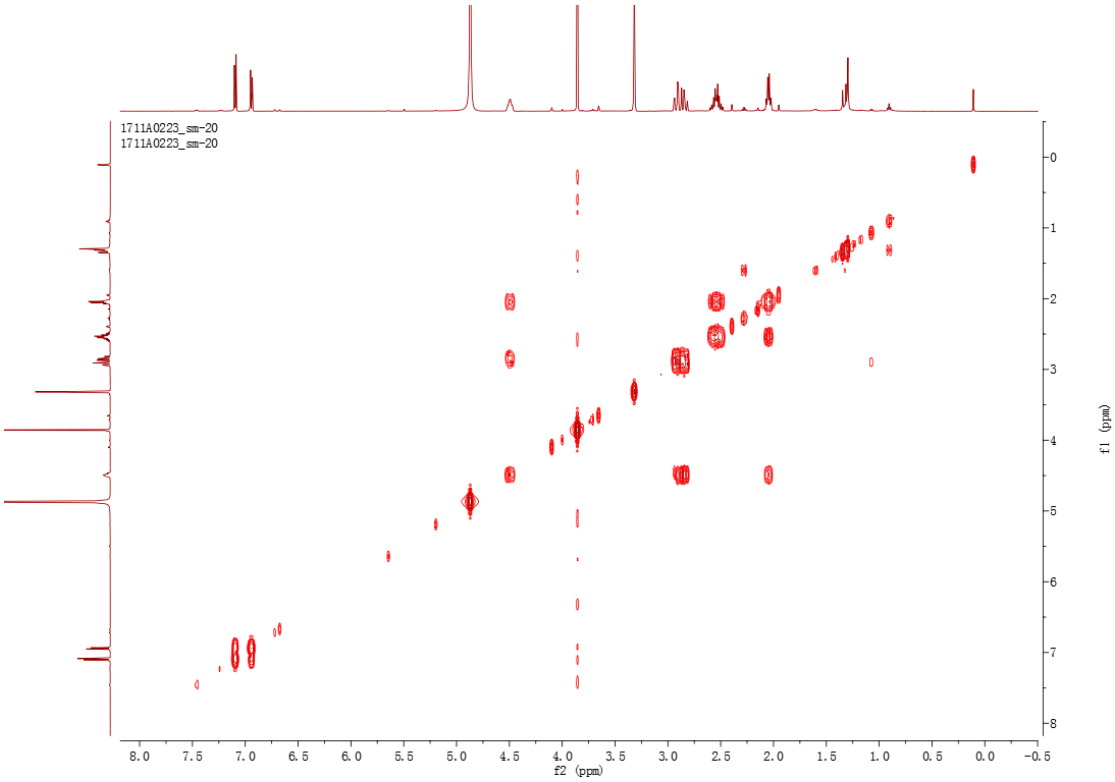

Fig.S16. ^{1}H-^{1}H COSY spectrum (CD_3OD, 600MHz) of compound (**3**)

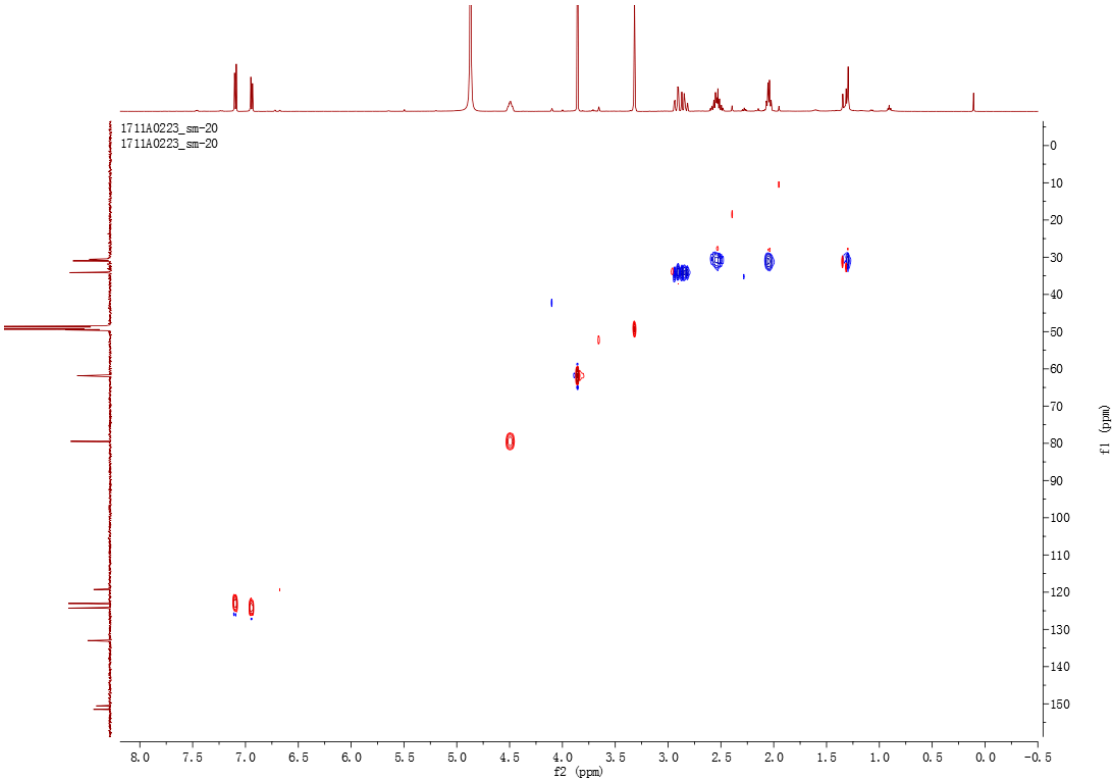

Fig.S17. HSQC spectrum (CD_3OD, 600MHz) of compound (**3**)

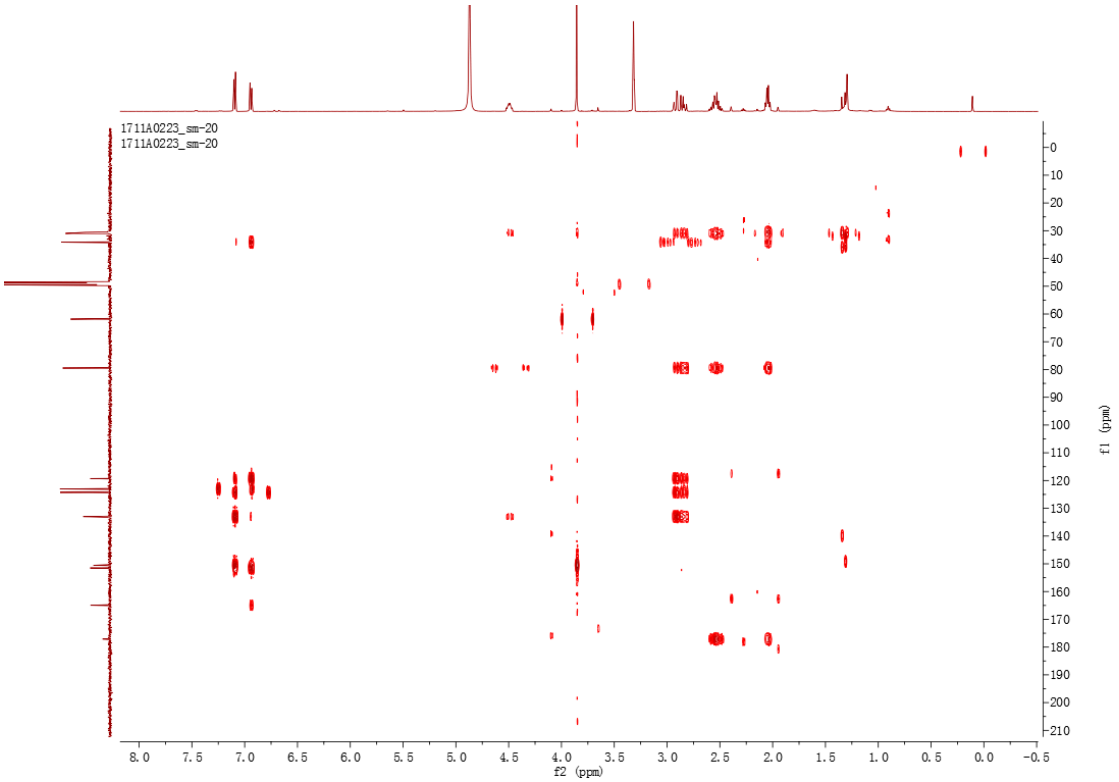

Fig.S18. HMBC spectrum (CD_3OD, 600MHz) of compound (**3**)

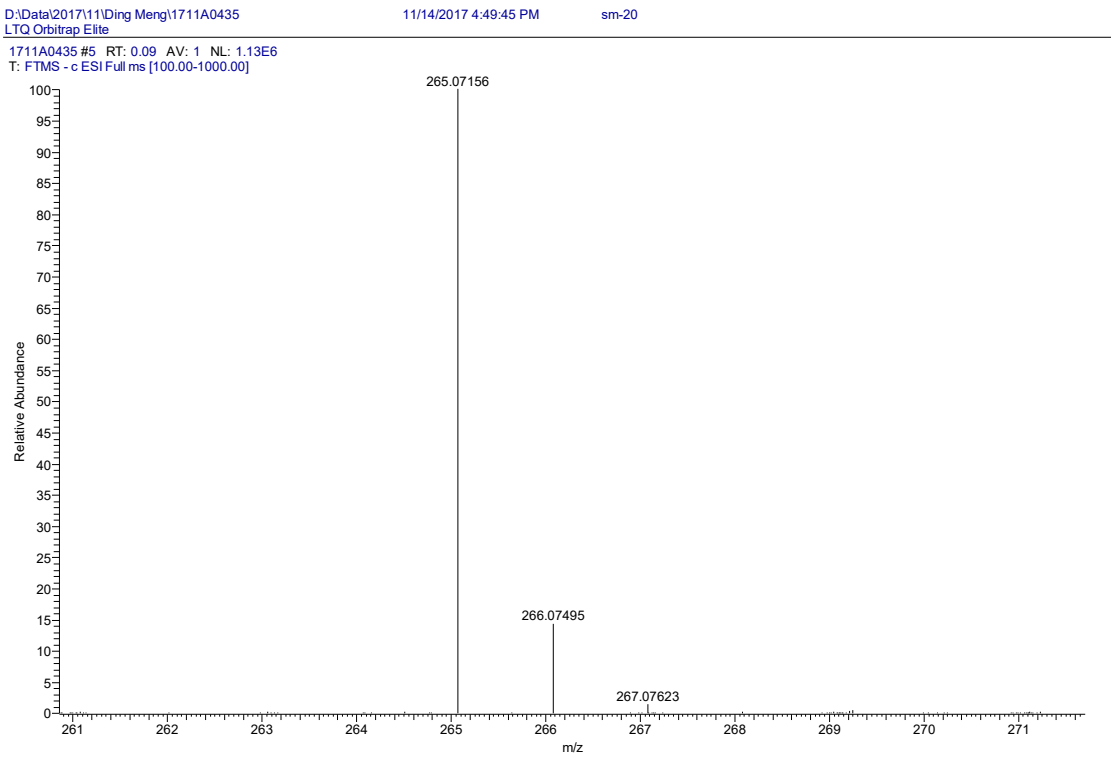

Fig.S19. HR-ESI-MS spectrum of compound (**3**)

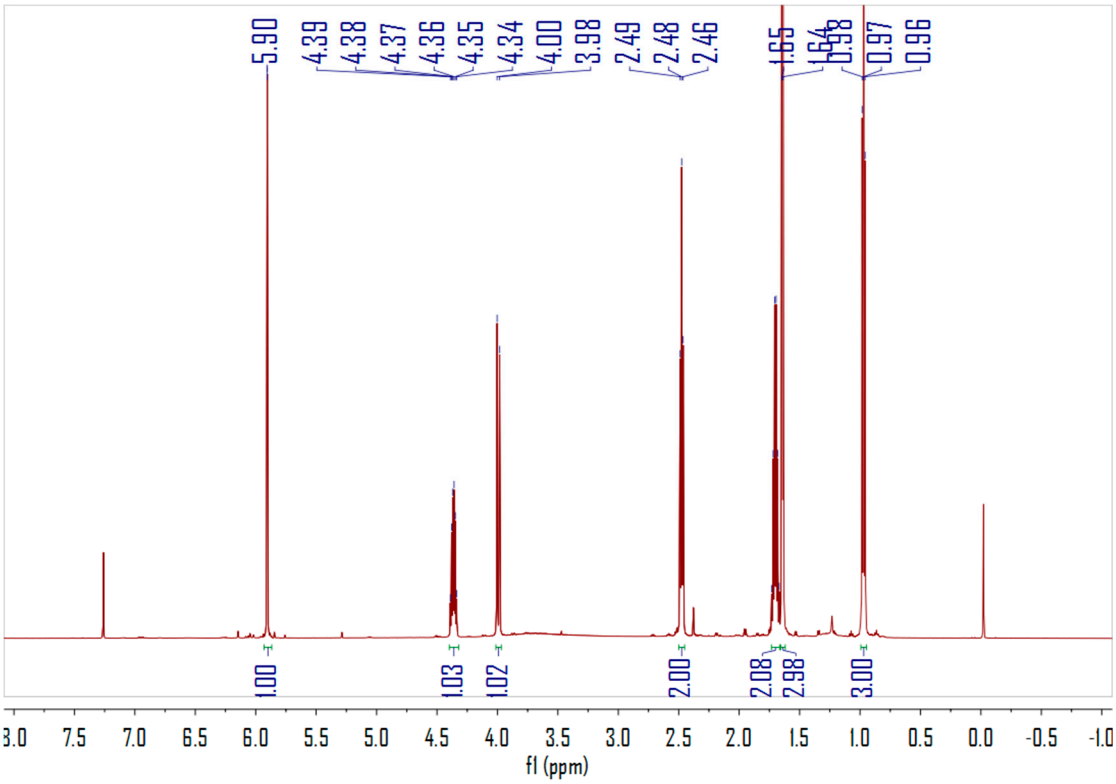

Fig.S20. ^{1}H- NMR spectrum ($CDCl_3$, 600MHz) of compound (**4**)

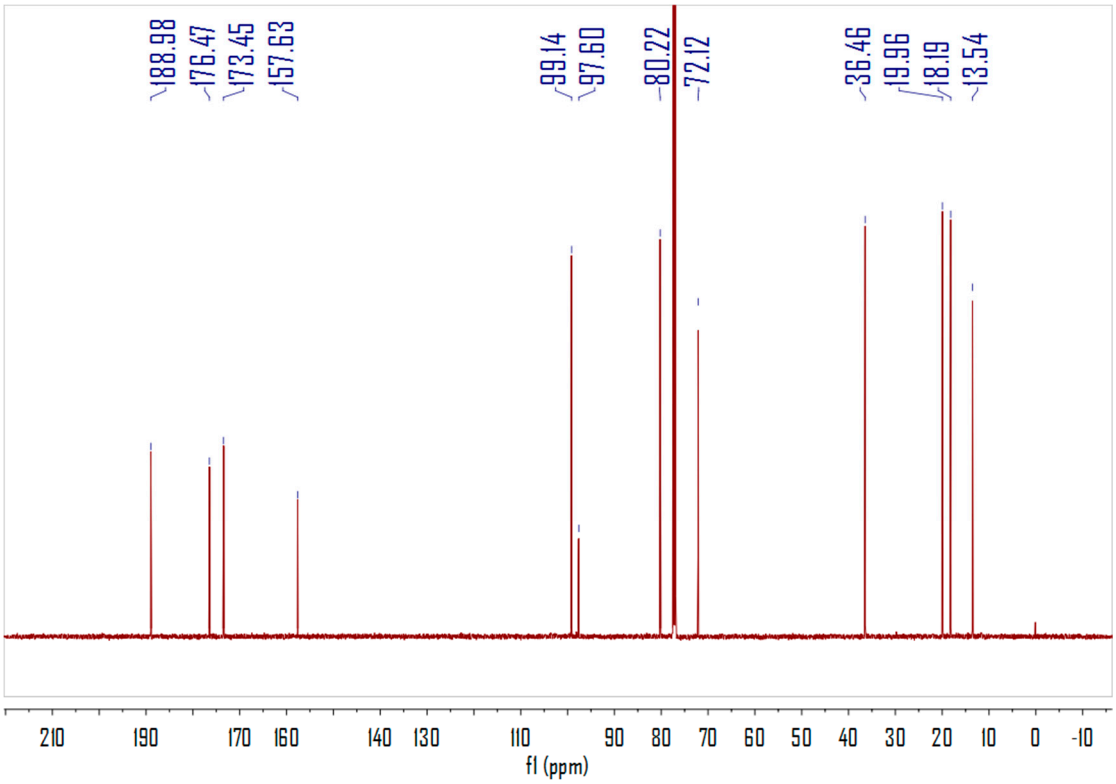

Fig.S21. ^{13}C- NMR spectrum ($CDCl_3$, 150MHz) of compound (**4**)

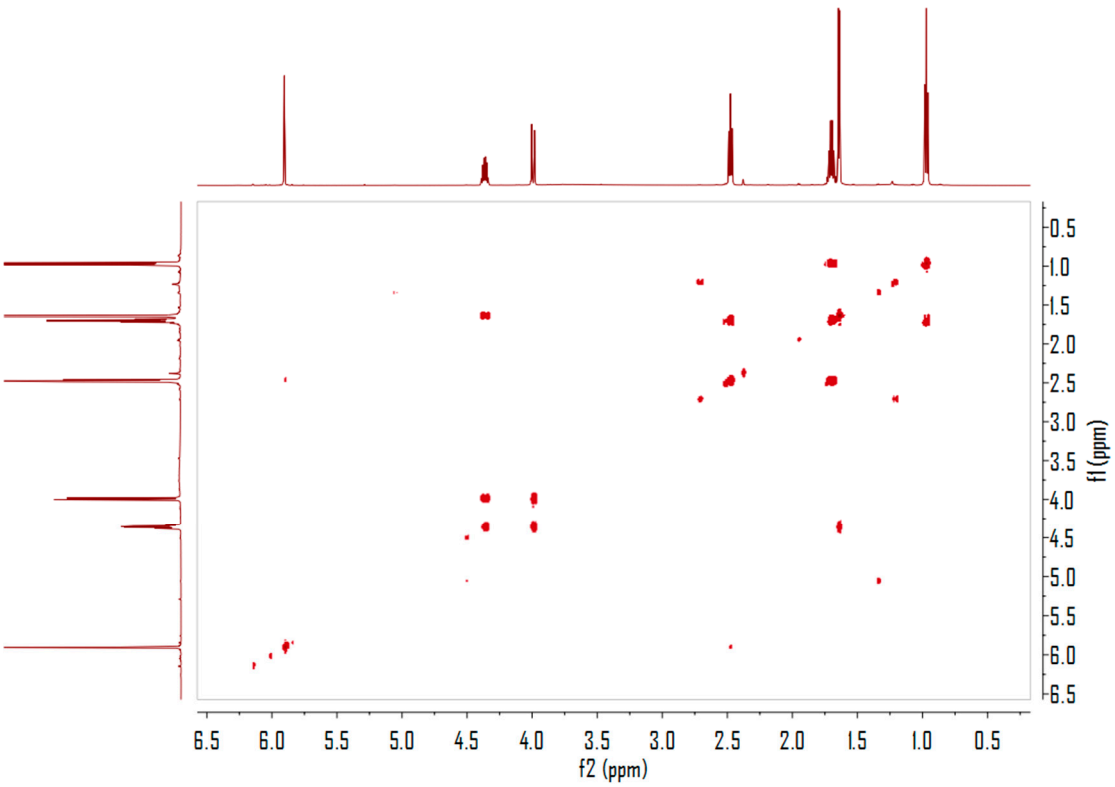

Fig.S22. ^{1}H-^{1}H COSY spectrum ($CDCl_3$, 600MHz) of compound (**4**)

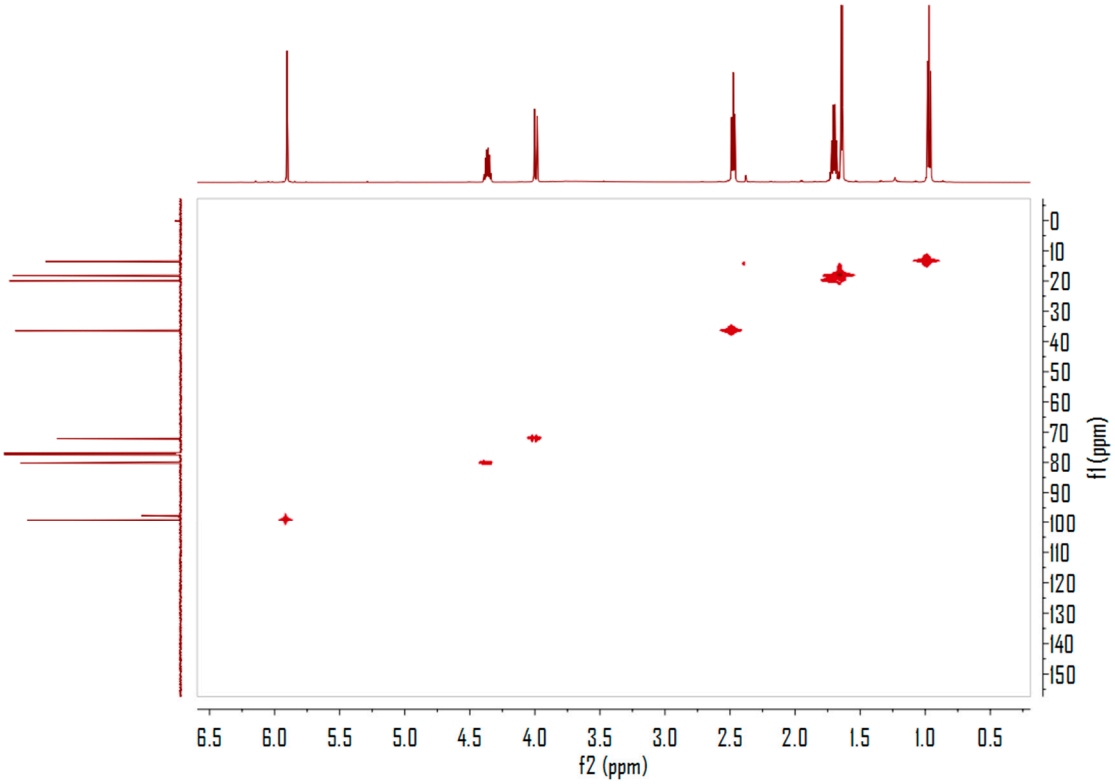

Fig.S23. HSQC spectrum ($CDCl_3$, 600MHz) of compound (**4**)

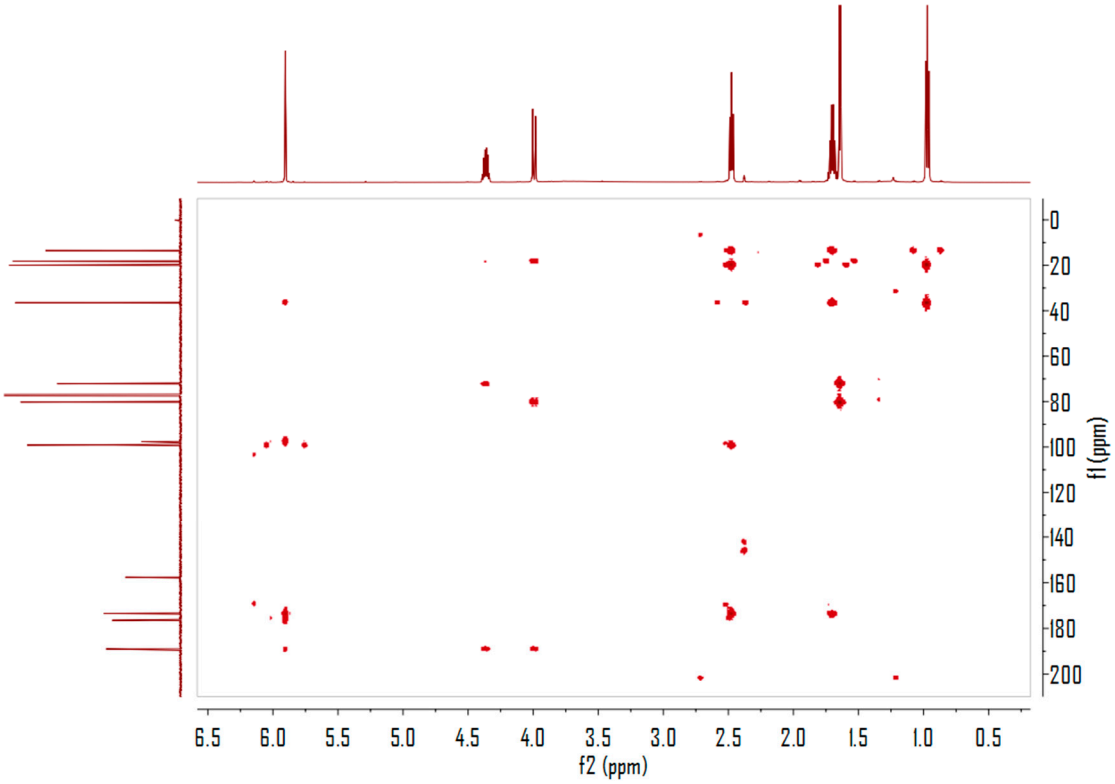

Fig.S24. HMBC spectrum ($CDCl_3$, 600MHz) of compound (**4**)

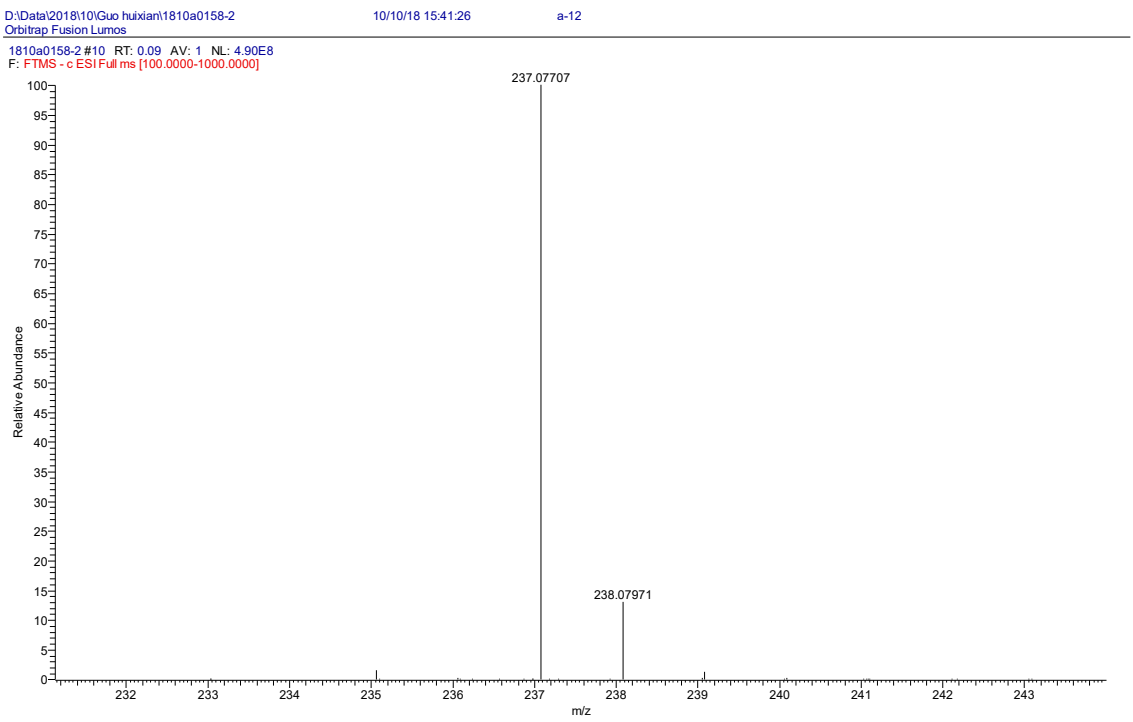

Fig.S25. HR-ESI-MS spectrum of compound (**4**)

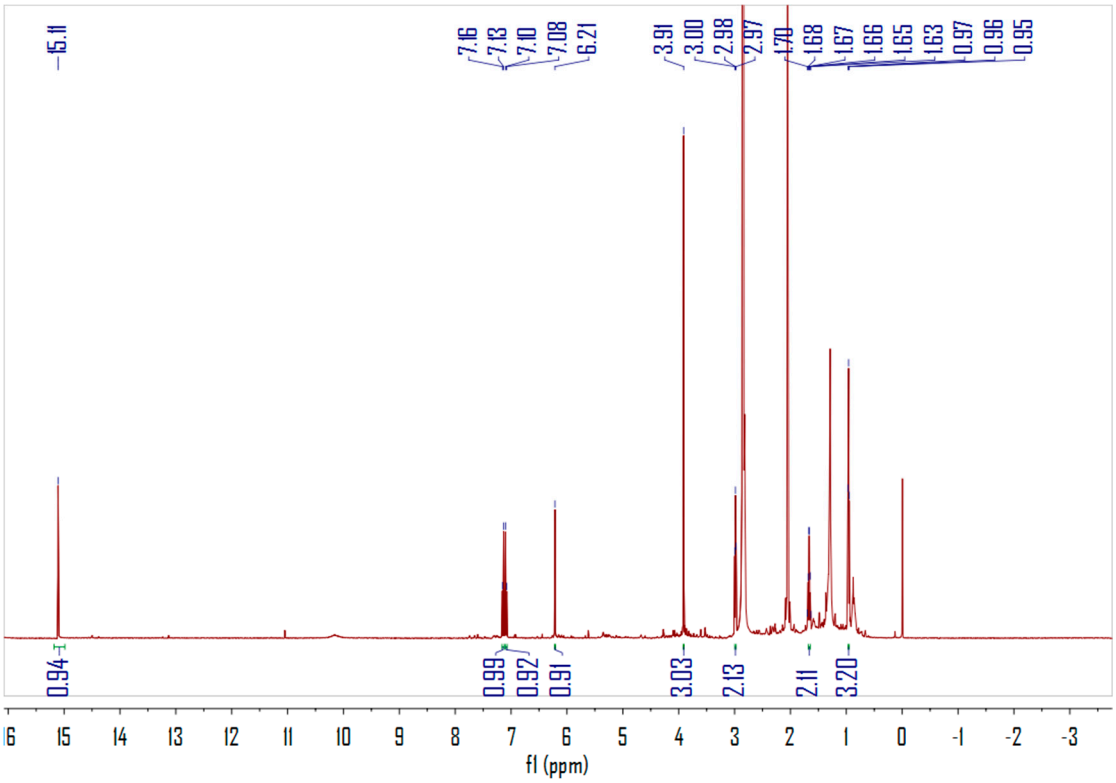

Fig.S26. ^{1}H- NMR spectrum (acetone-d_6, 600MHz) of compound (**7**)

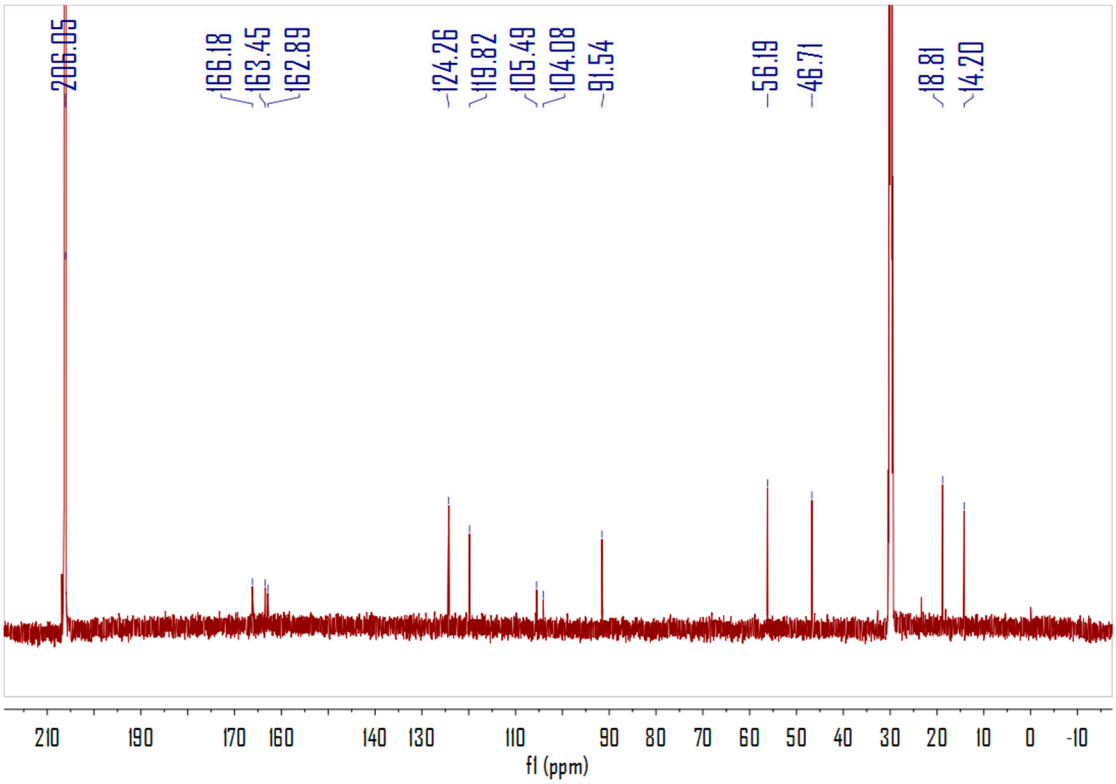

Fig.S27. ^{13}C- NMR spectrum (acetone-d_6, 150MHz) of compound (**7**)

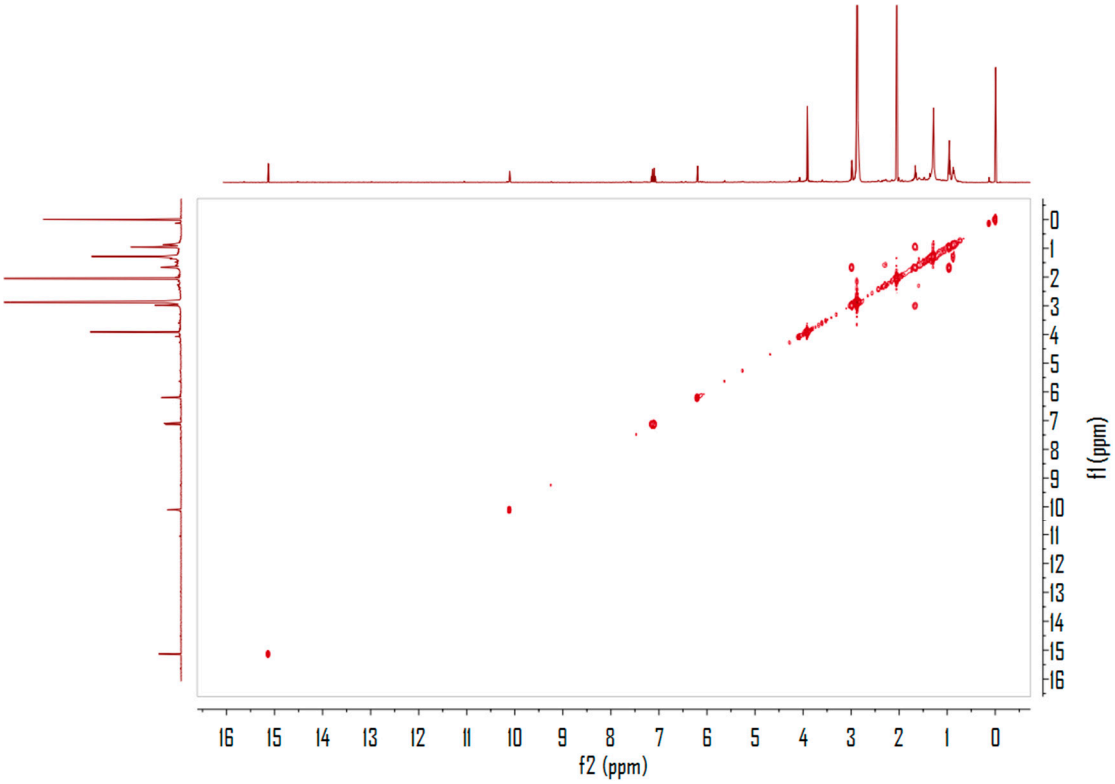

Fig.S28. ^{1}H-^{1}H COSY spectrum (acetone-d_6, 600MHz) of compound (**7**)

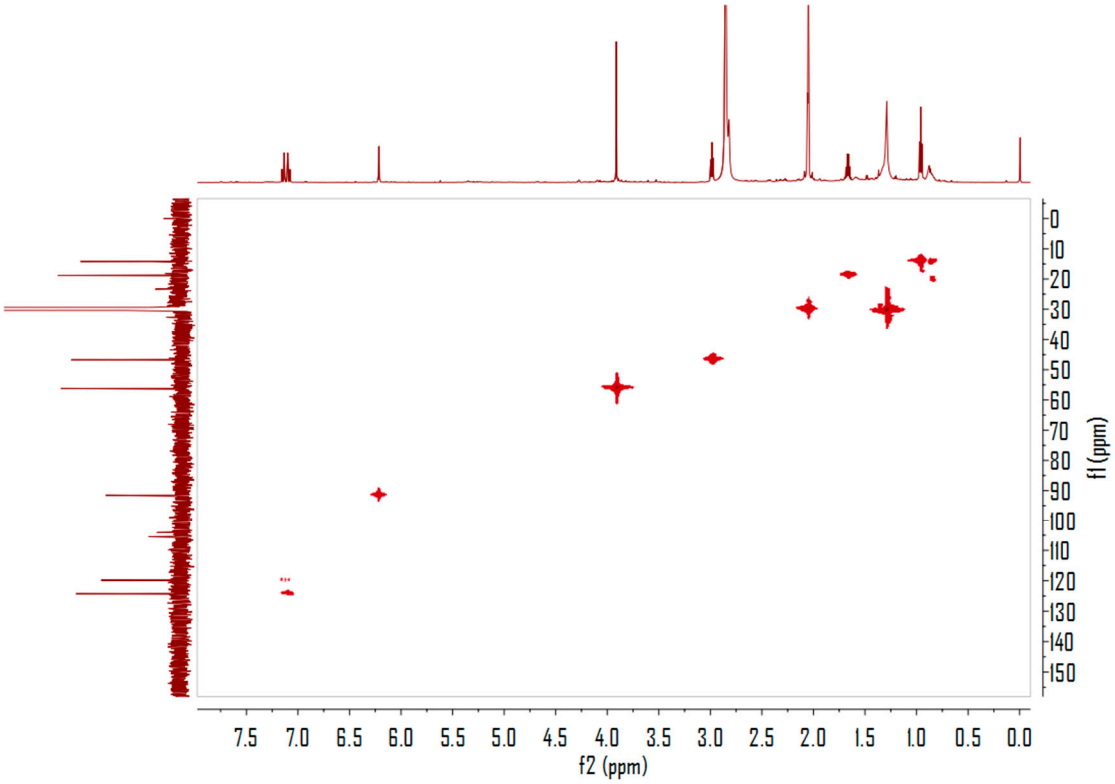

Fig.S29. HSQC spectrum (acetone-d_6, 600MHz) of compound (**7**)

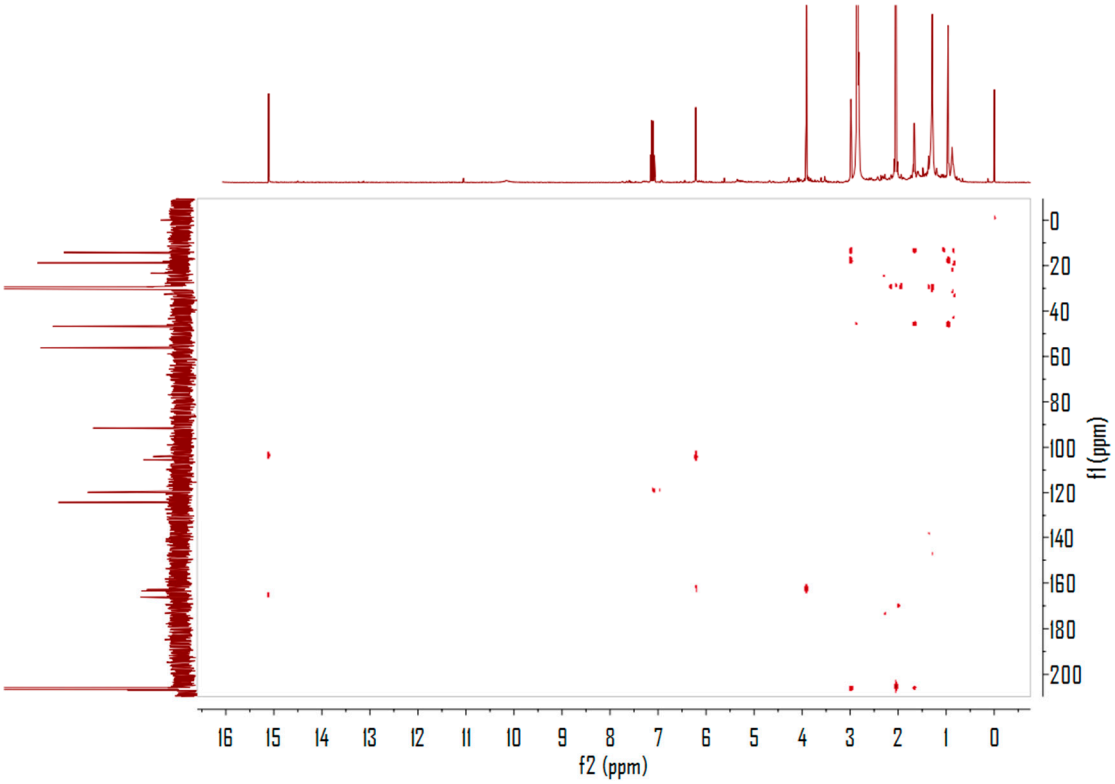

Fig.S30. HMBC spectrum (acetone-d_6, 600MHz) of compound (**7**)

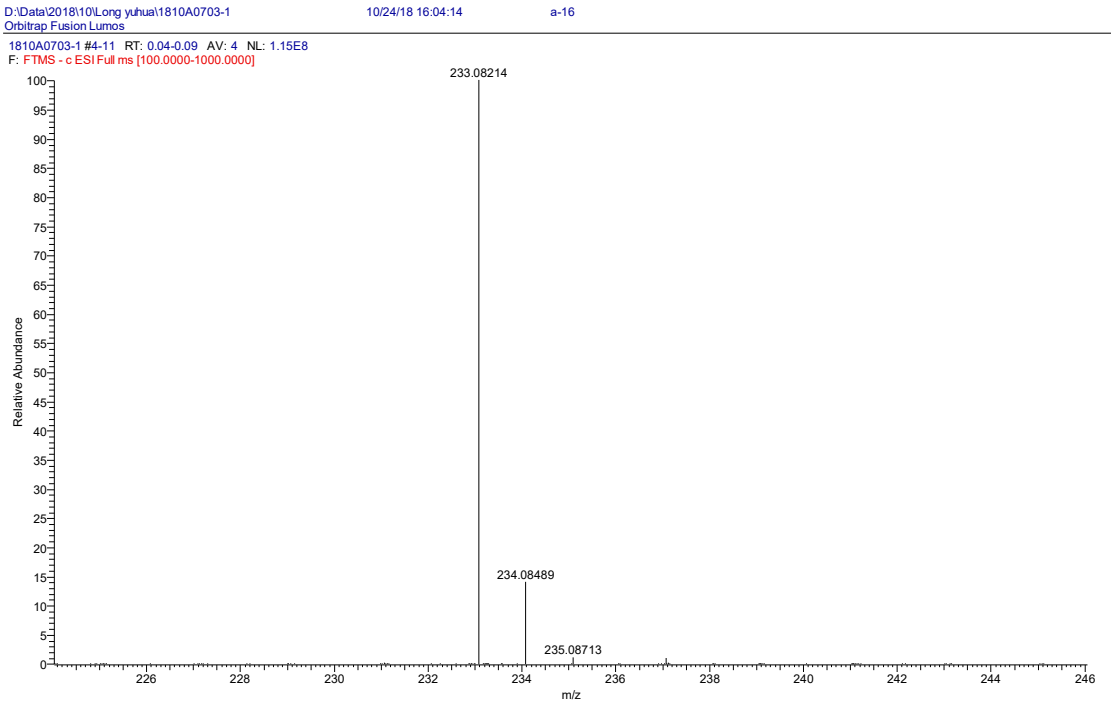

Fig.S31. HR-ESI-MS spectrum of compound (**7**)

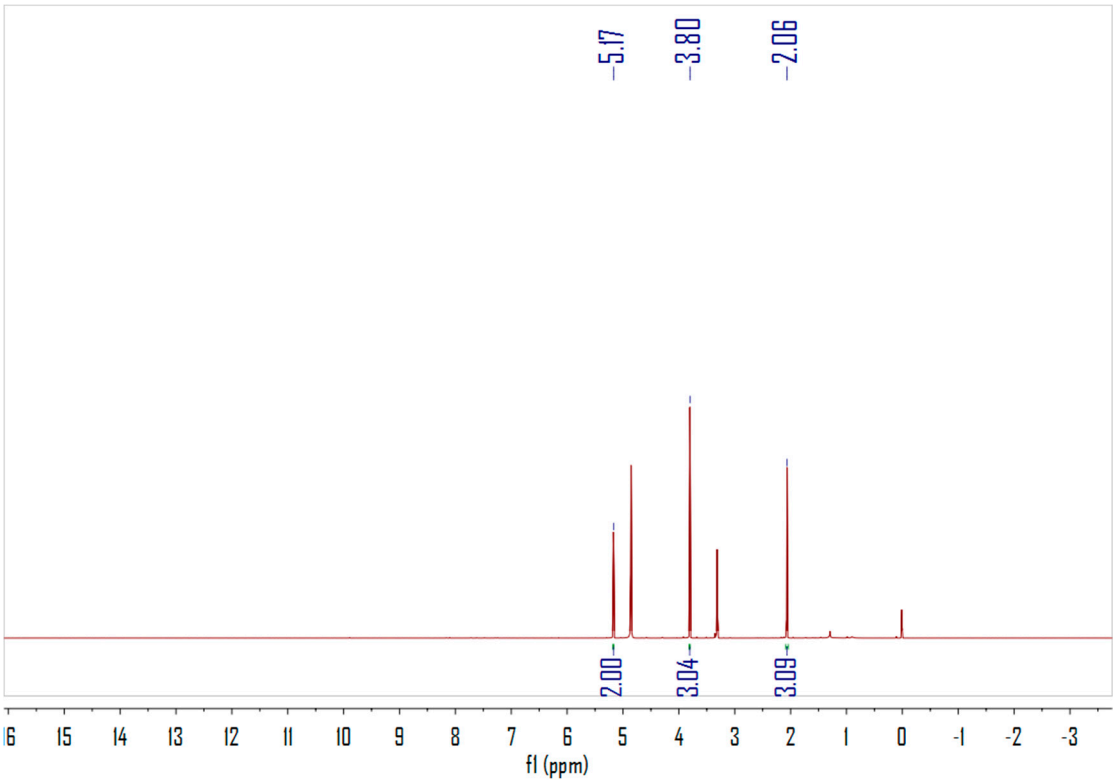

Fig.S32. ^{1}H- NMR spectrum (CD_3OD, 600MHz) of compound (**8**)

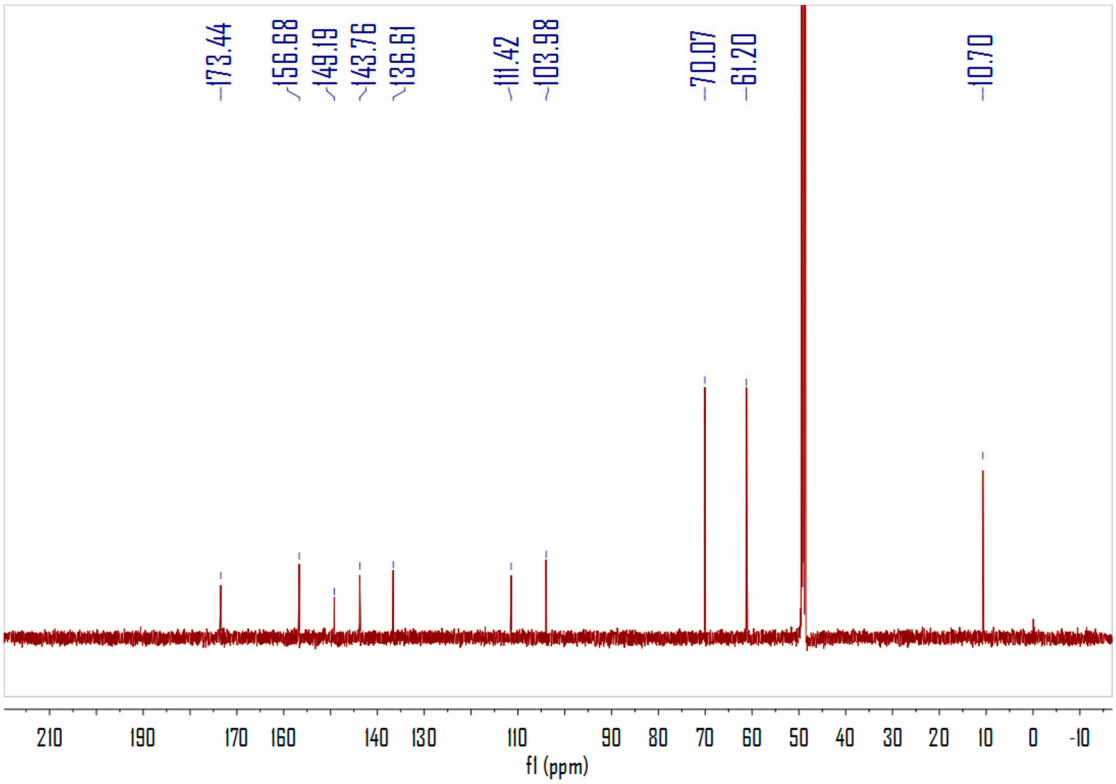

Fig.S33. ^{13}C- NMR spectrum (CD_3OD, 150MHz) of compound (**8**)

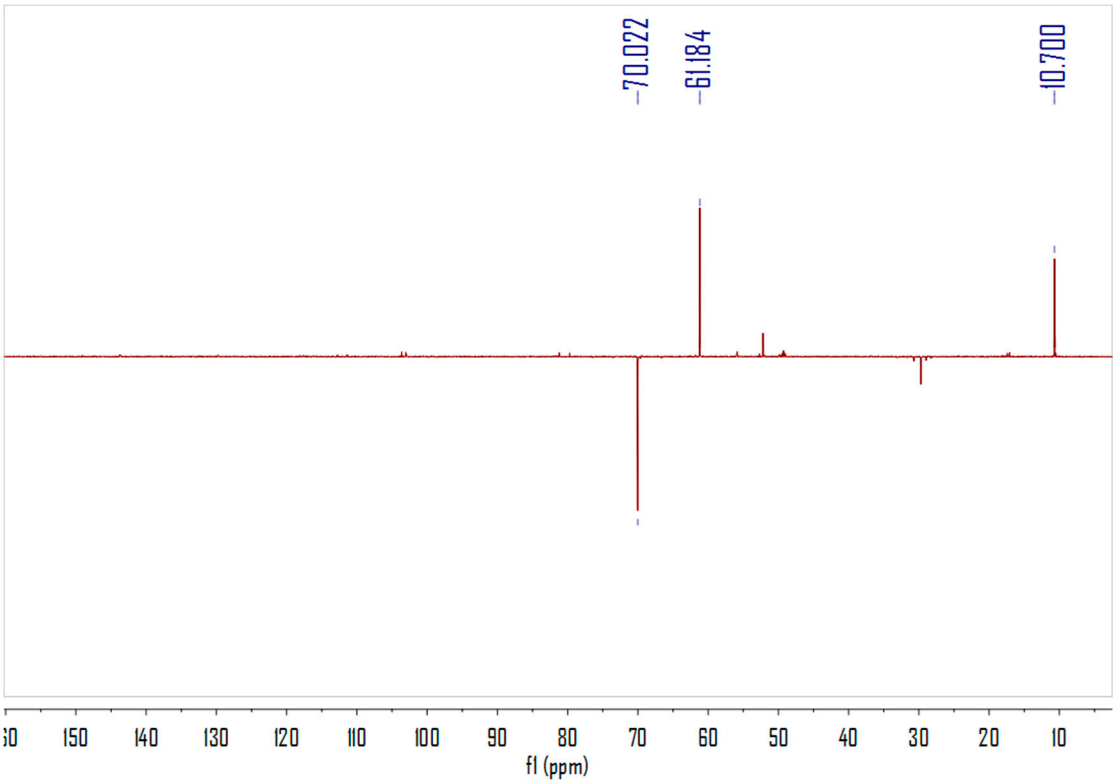

Fig.S34. DEPT 135 spectrum (CD_3OD, 150MHz) of compound (**8**)

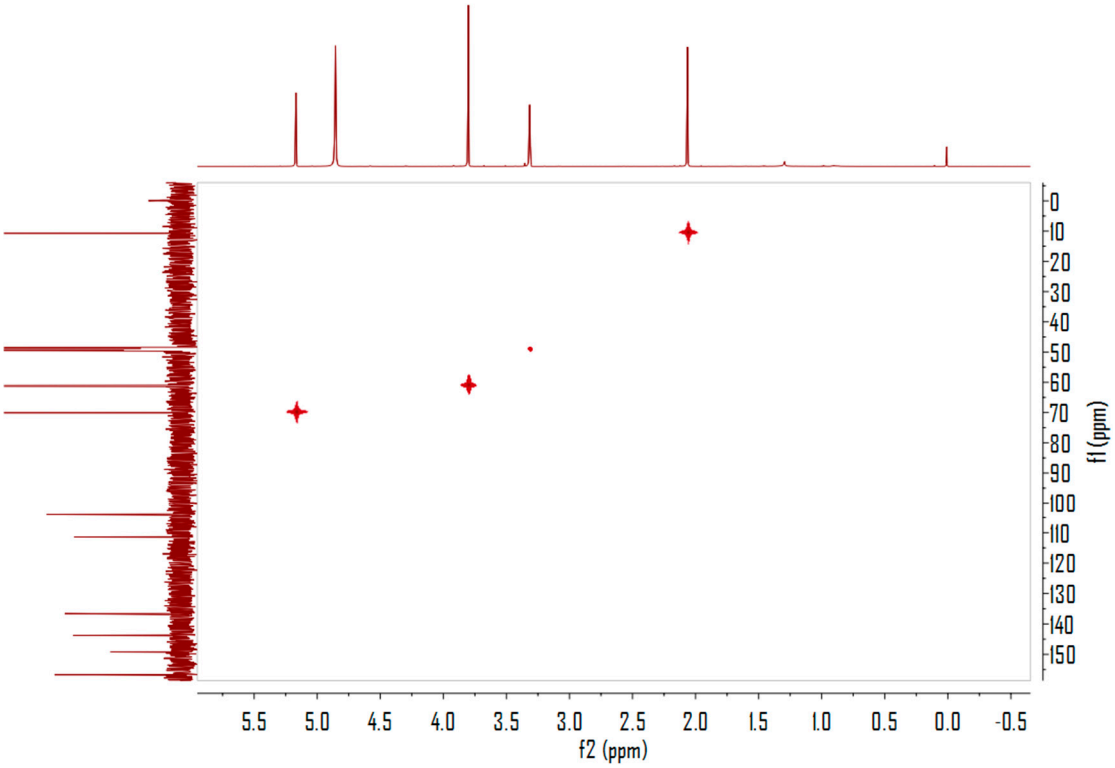

Fig.S35. HSQC spectrum (600MHz, CD_3OD) of compound (**8**)

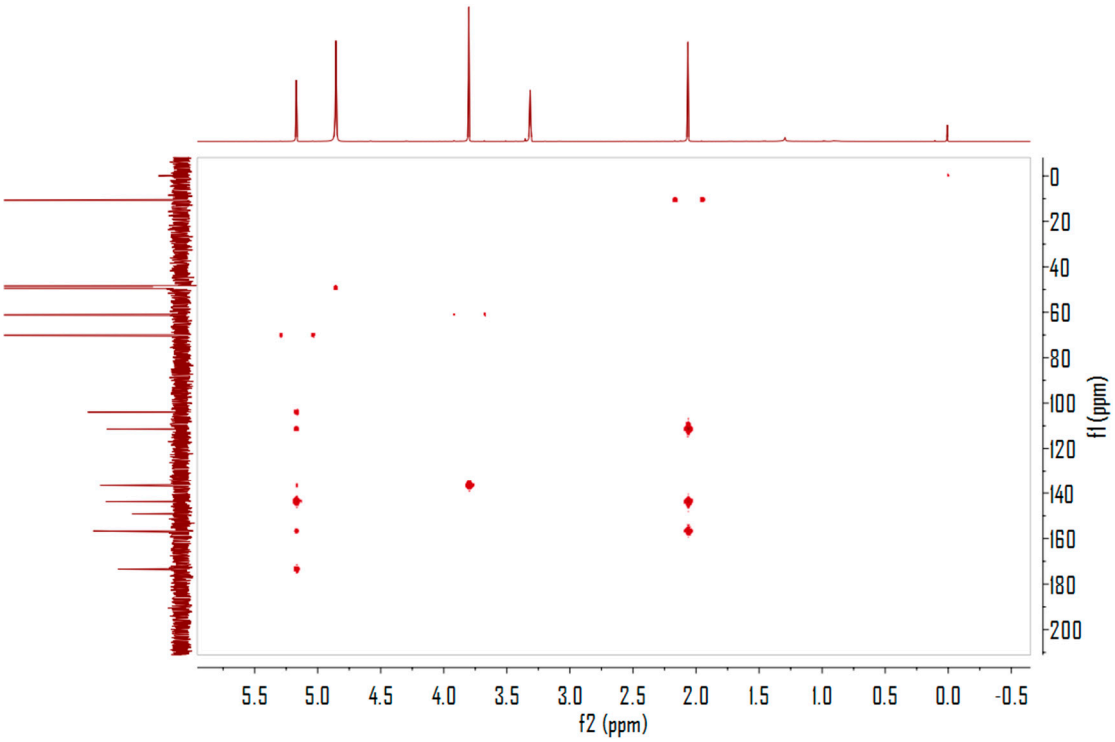

Fig.S36. HMBC spectrum (600MHz, CD_3OD) of compound (**8**)

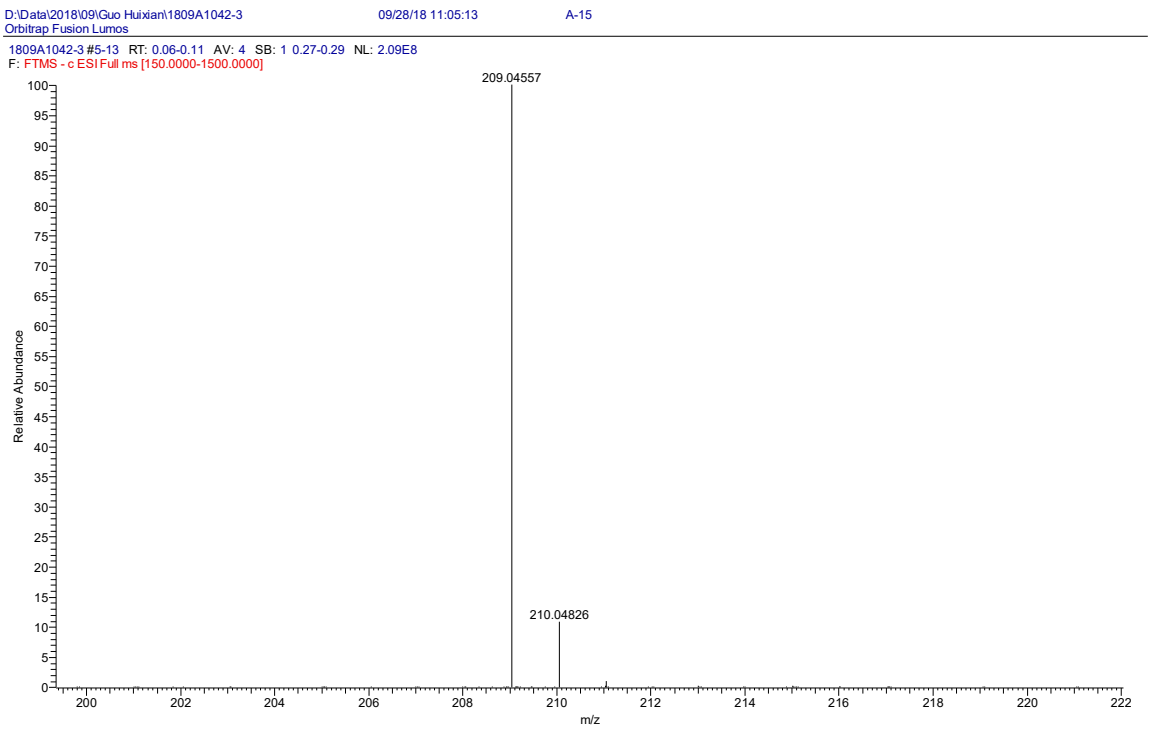

Fig.S37. HR-ESI-MS spectrum of compound (**8**)