

Supplementary Materials: Five New Biphenanthrenes from *Cremastra appendiculata*

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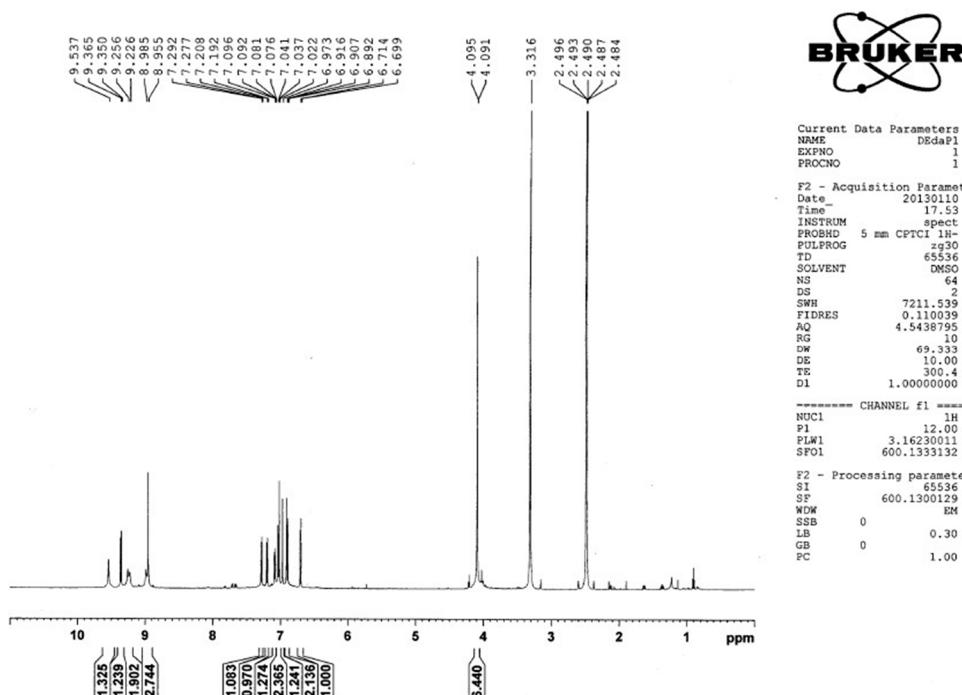


Figure S1. ^1H -NMR spectrum of compound 1.

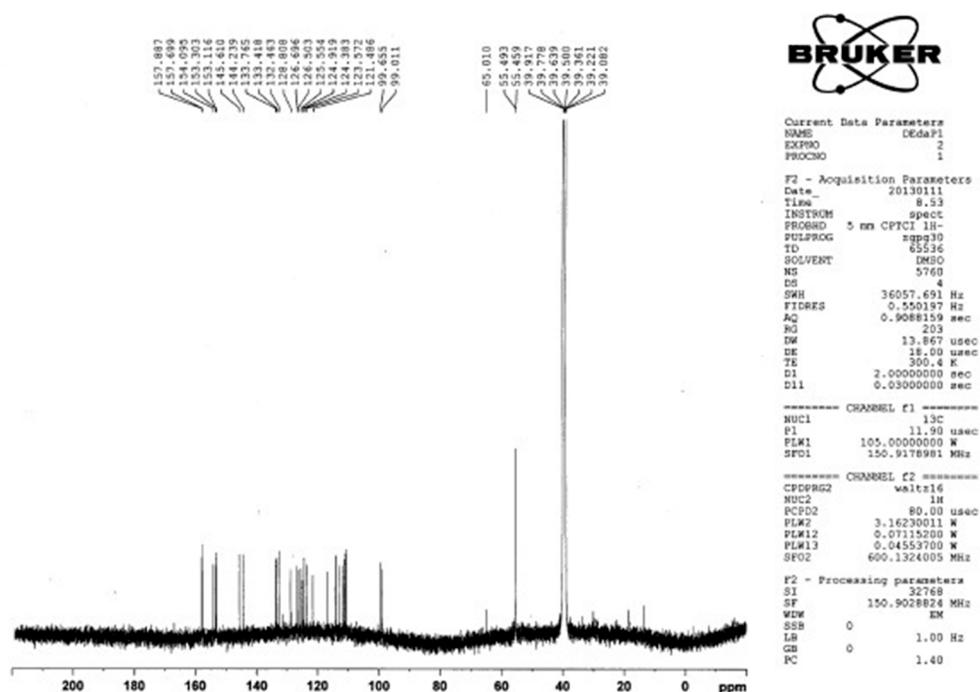


Figure S2. ^{13}C -NMR spectrum of compound 1.

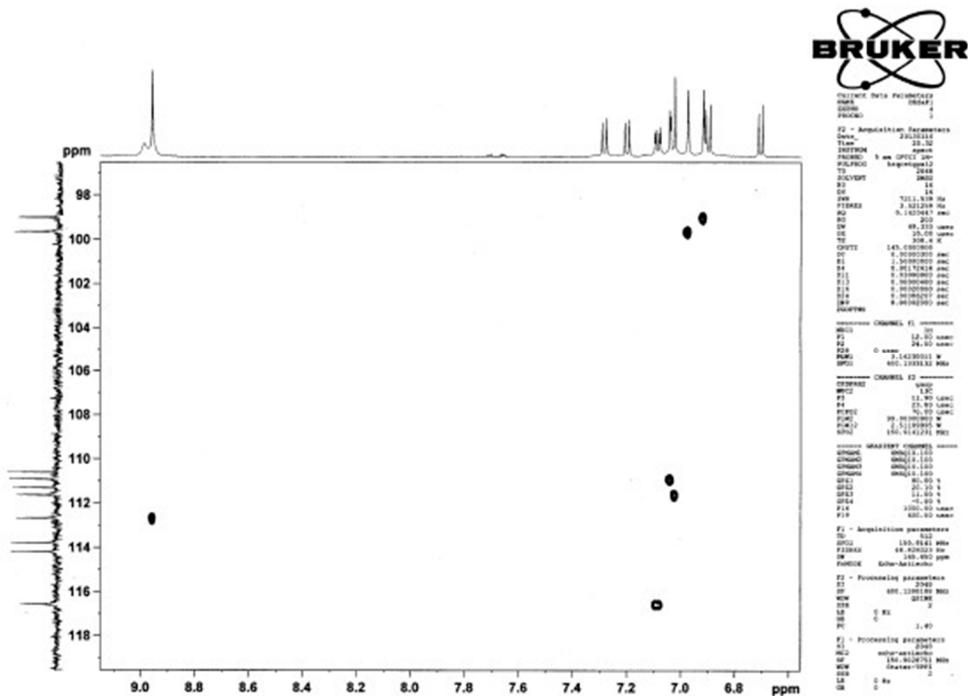
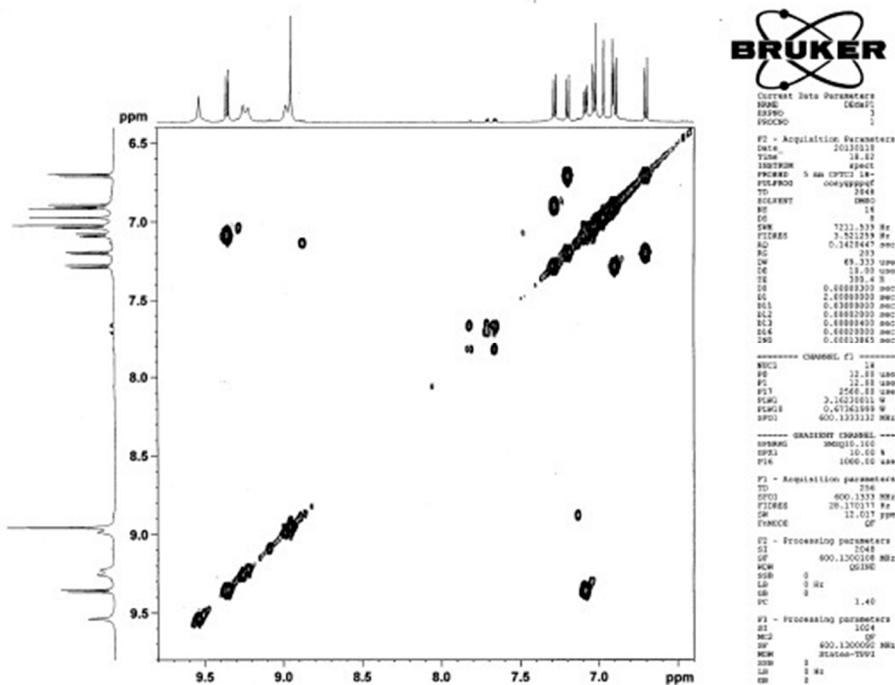


Figure S3. HSQC spectrum of compound 1.

Figure S4. ^1H - ^1H COSY spectrum of compound 1.

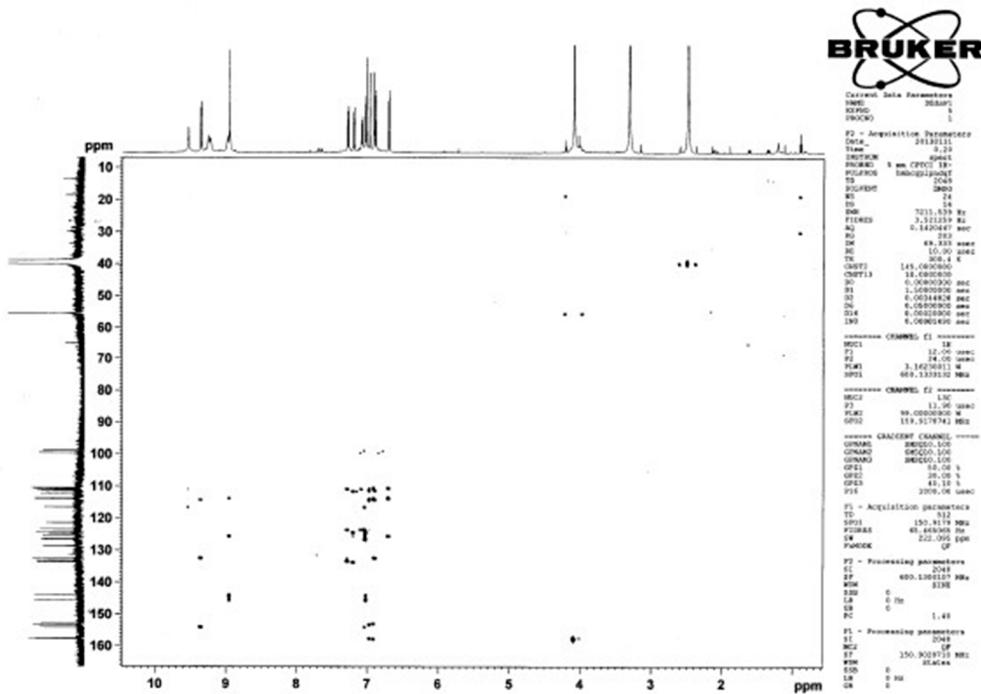


Figure S5. HMBC spectrum of compound 1.

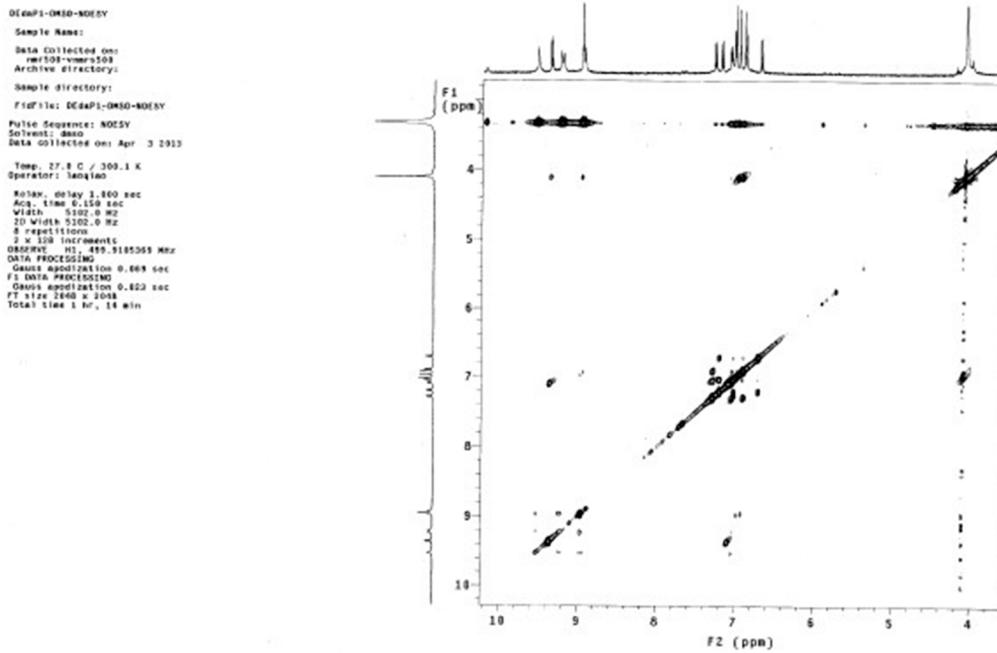


Figure S6. NOESY spectrum of compound 1.

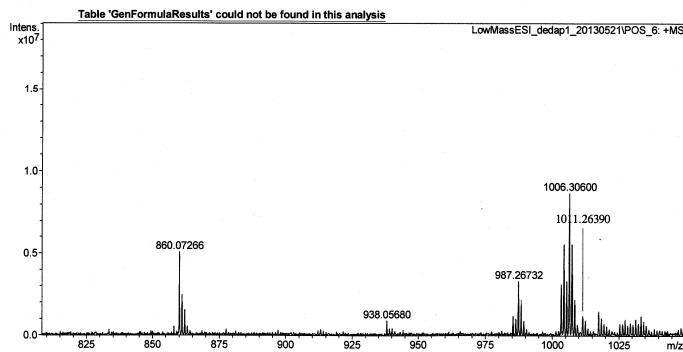
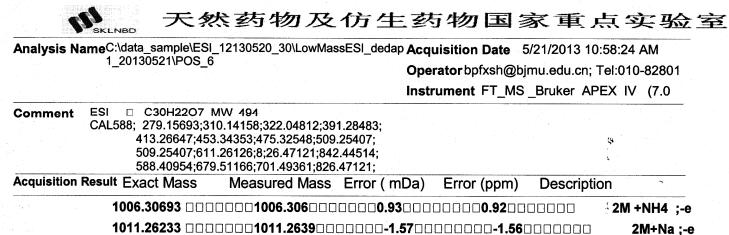
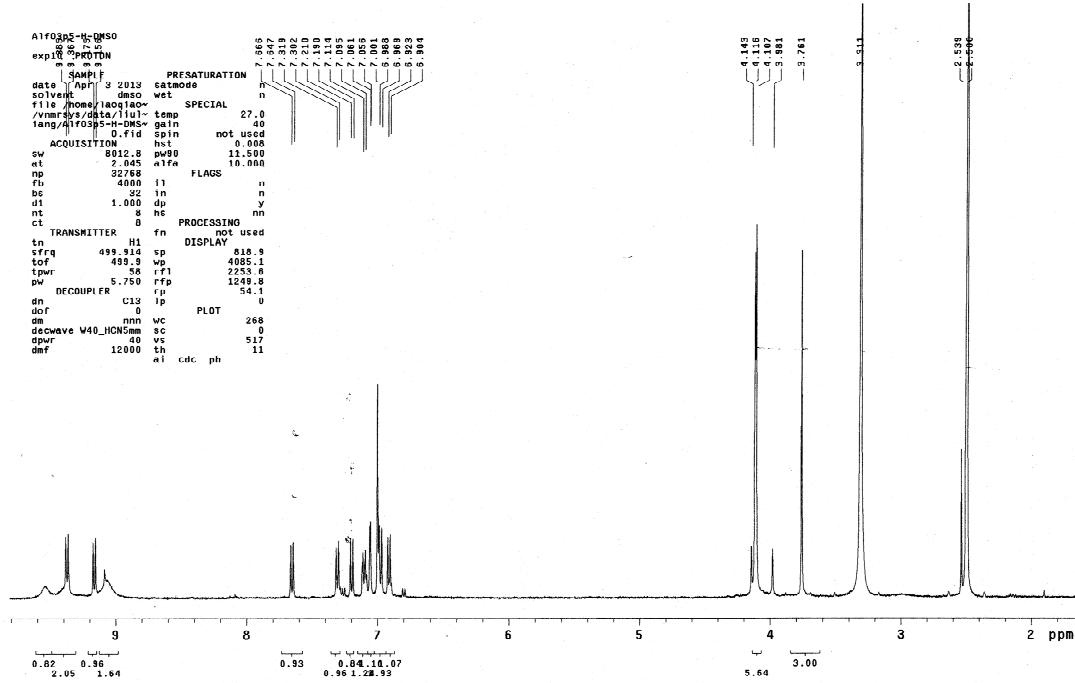


Figure S7. HR-ESI-MS spectrum of compound 1.

Figure S8. ¹H-NMR spectrum of compound 2.

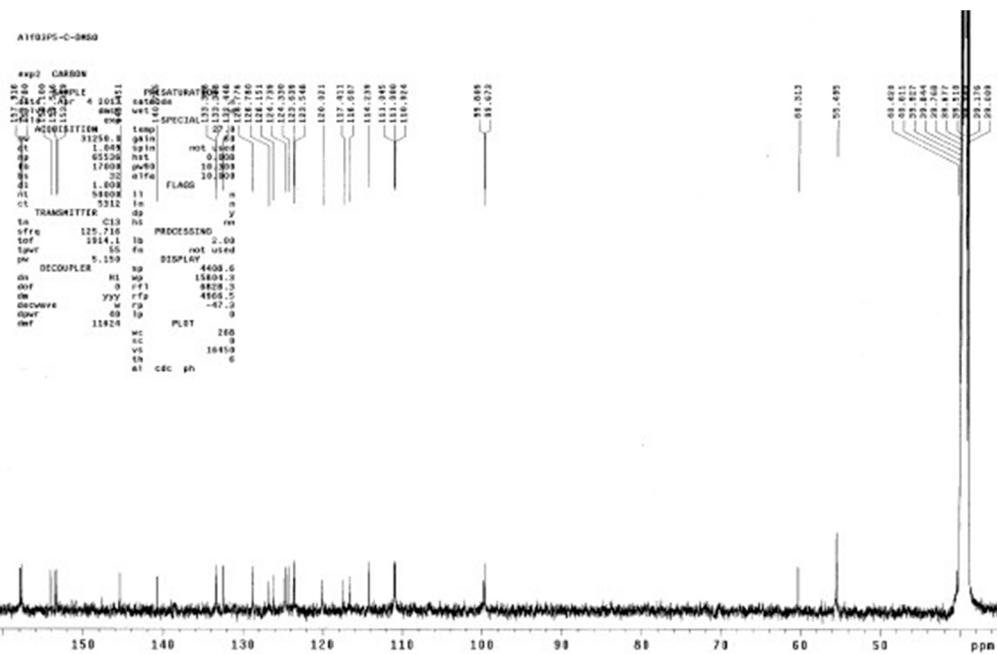


Figure S9. ^{13}C -NMR spectrum of compound 2

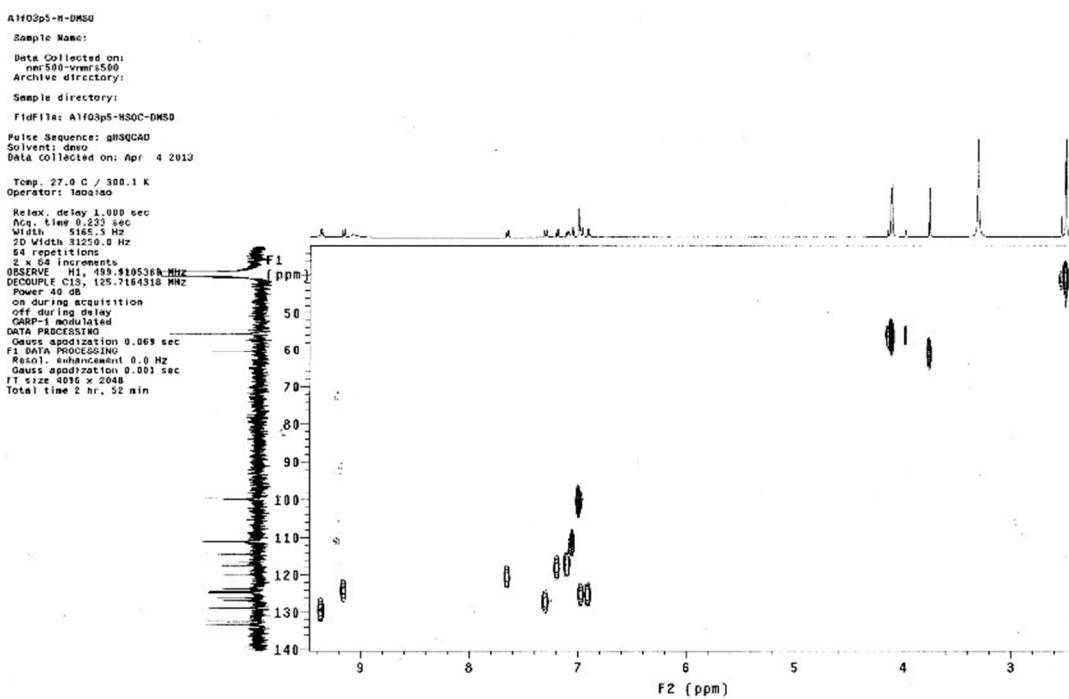


Figure S10. HSQC spectrum of compound 2.

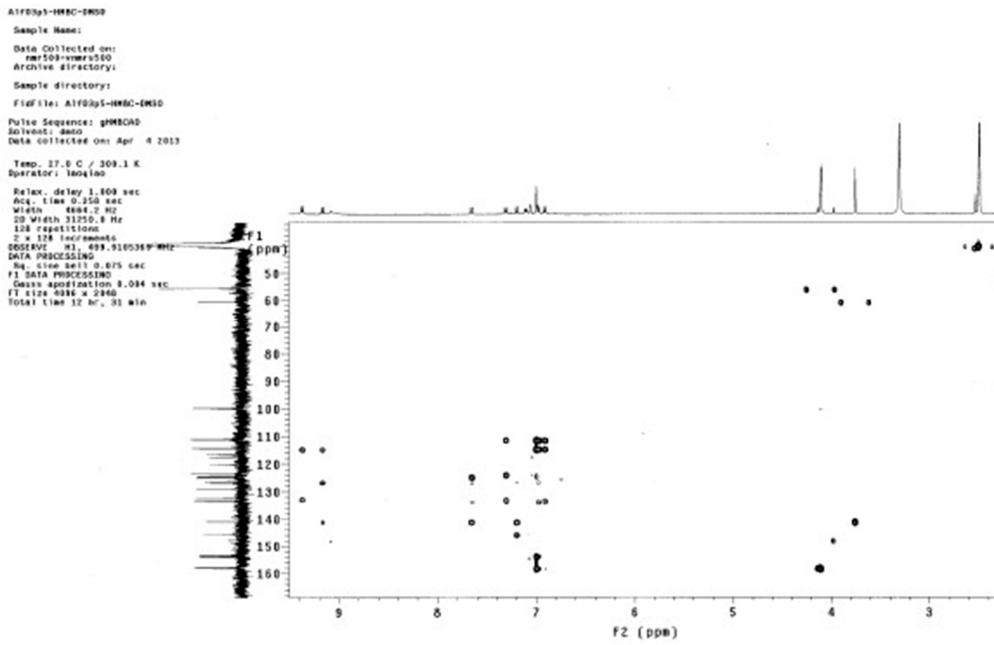


Figure S11. HMBC spectrum of compound 2.

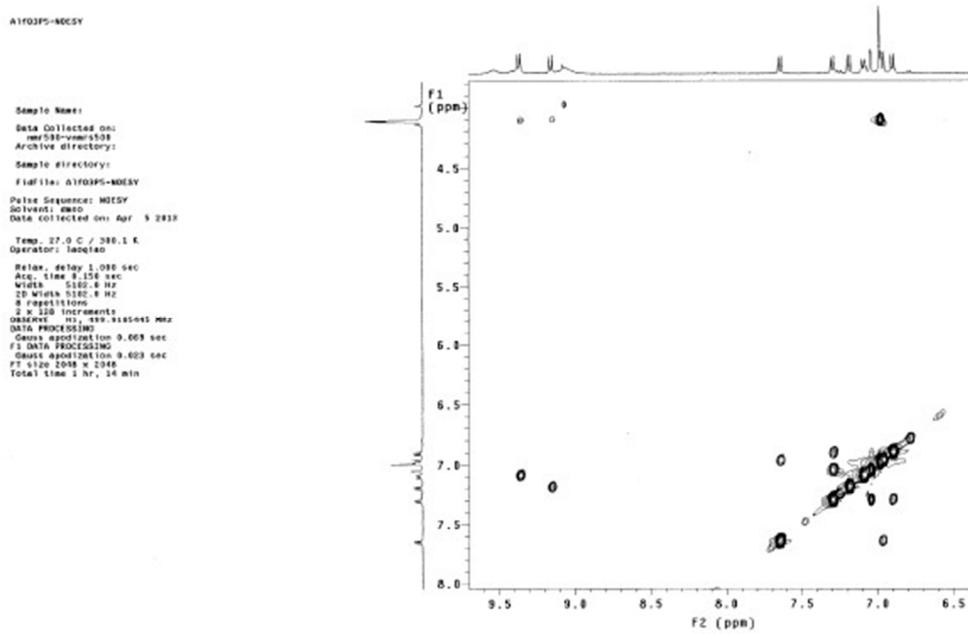


Figure S12. NOESY spectrum of compound 2.

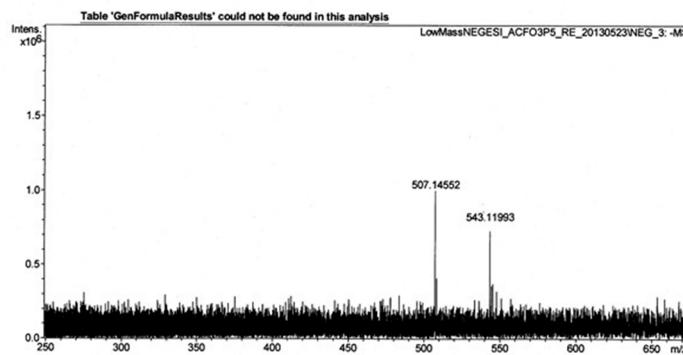


Figure S13. HR-ESI-MS spectrum of compound 2.

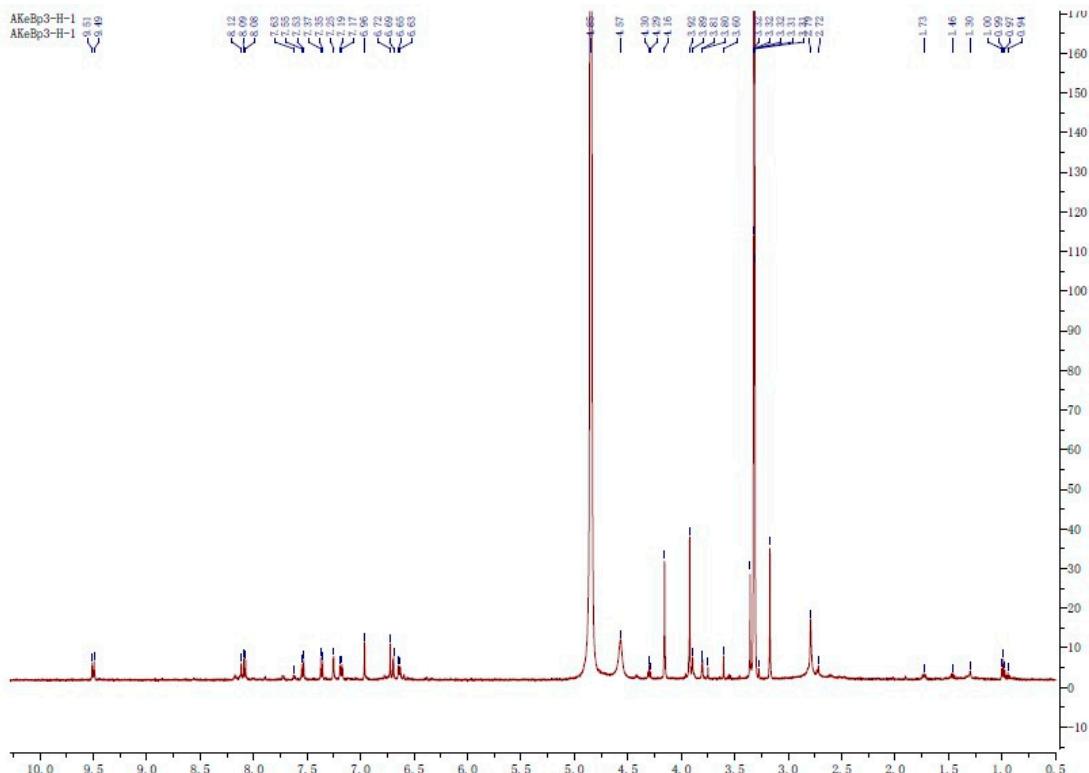


Figure S14. ¹H-NMR spectrum of compound 3.

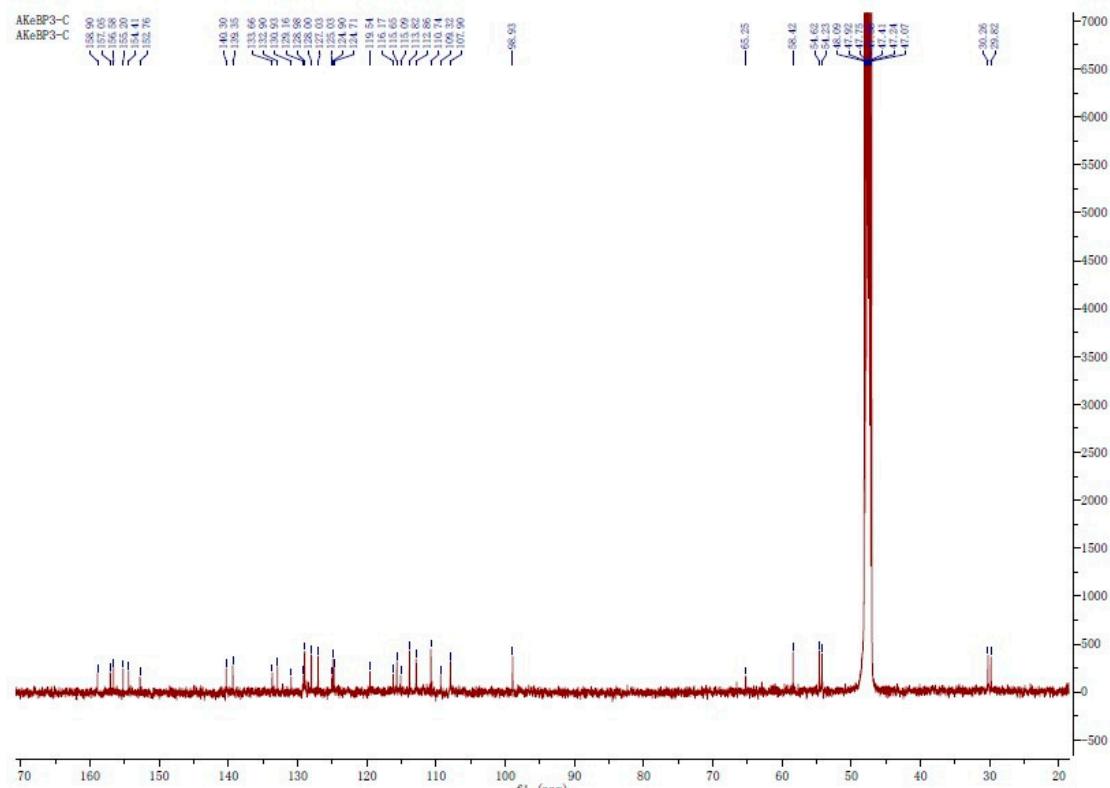


Figure S15. ^{13}C -NMR spectrum of compound 3.

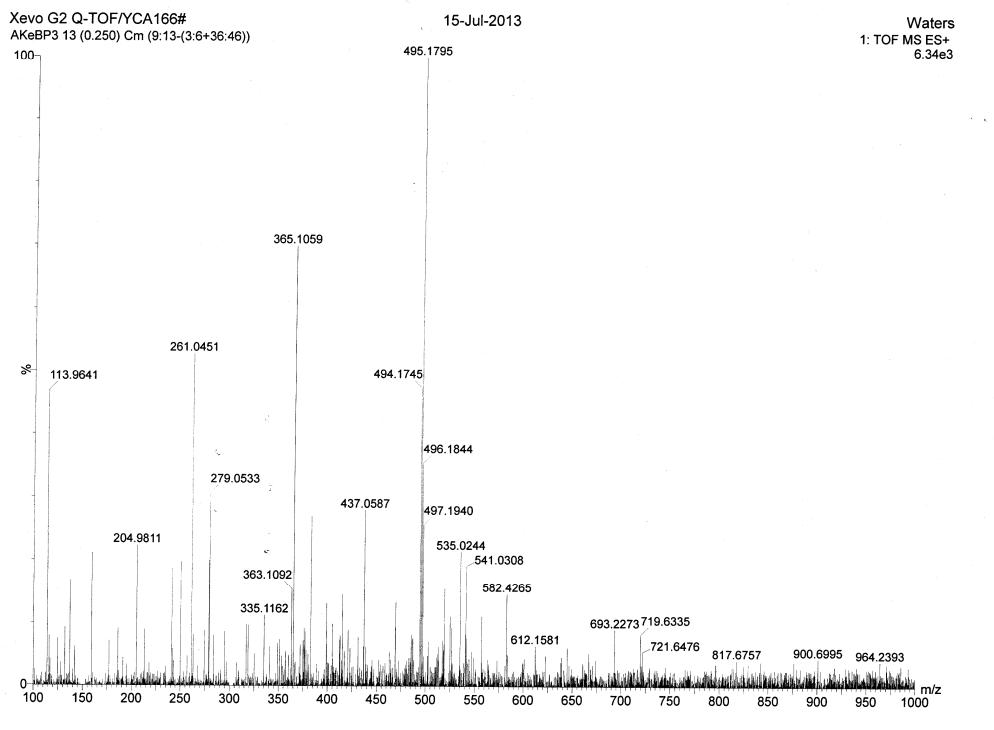


Figure S16. HR-ESI-MS spectrum of compound 3.

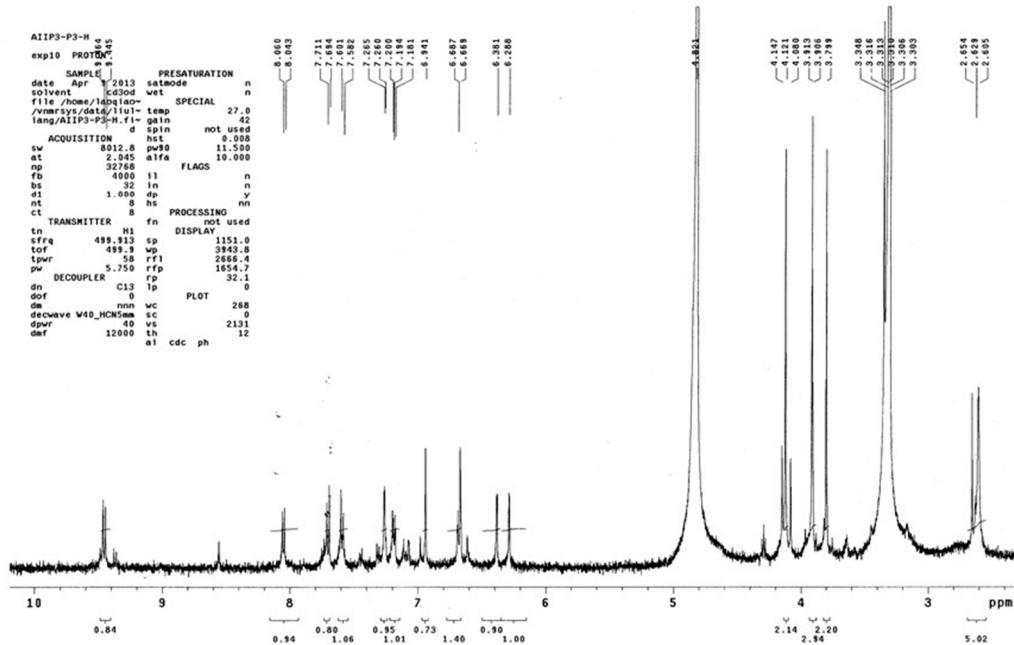


Figure S17. ^1H -NMR spectrum of compound 4.

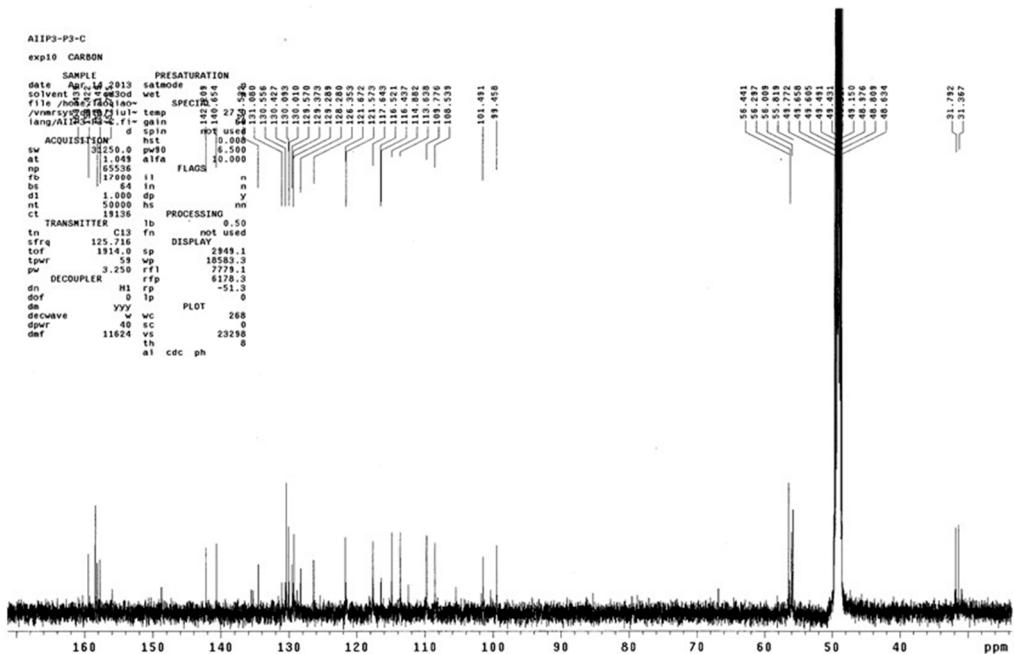


Figure S18. ^{13}C -NMR spectrum of compound 4.

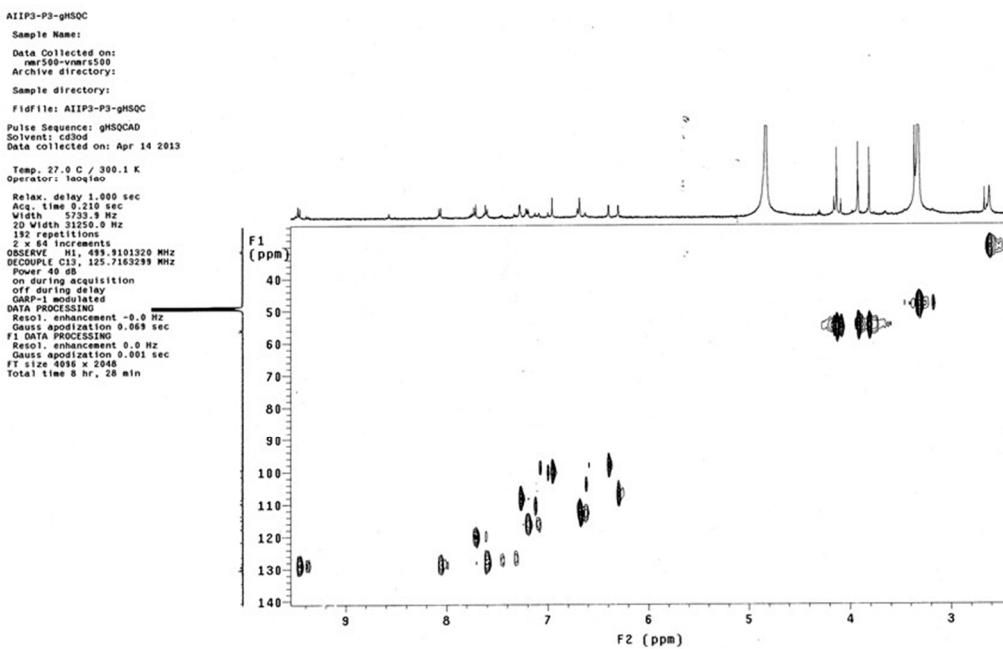


Figure S19. HSQC spectrum of compound 4.

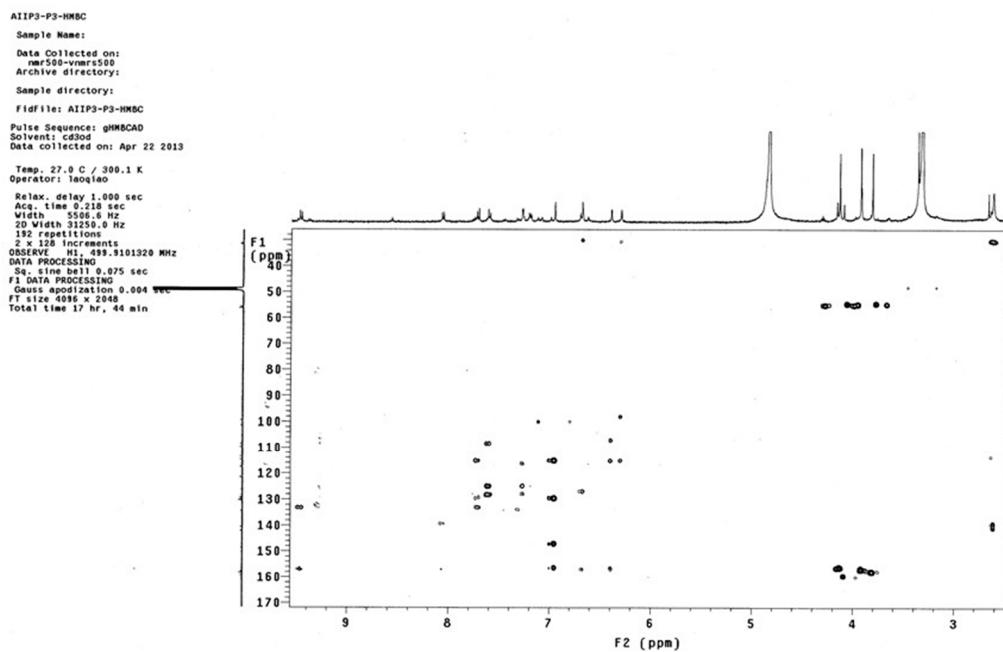


Figure S20. HMBC spectrum of compound 4.

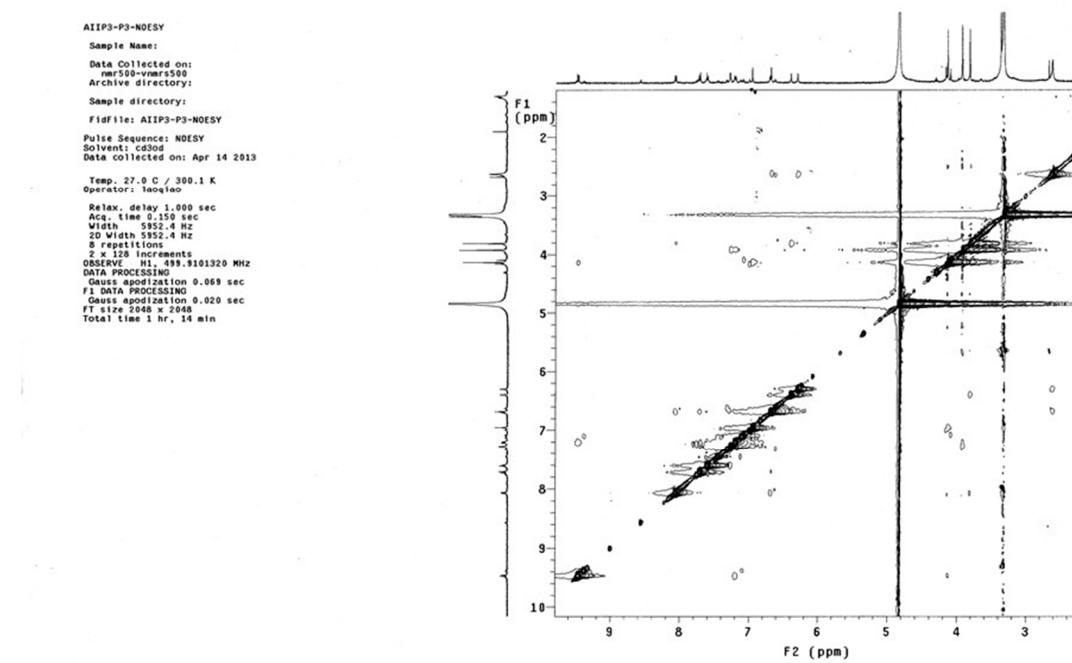


Figure S21. NOESY spectrum of compound 4.

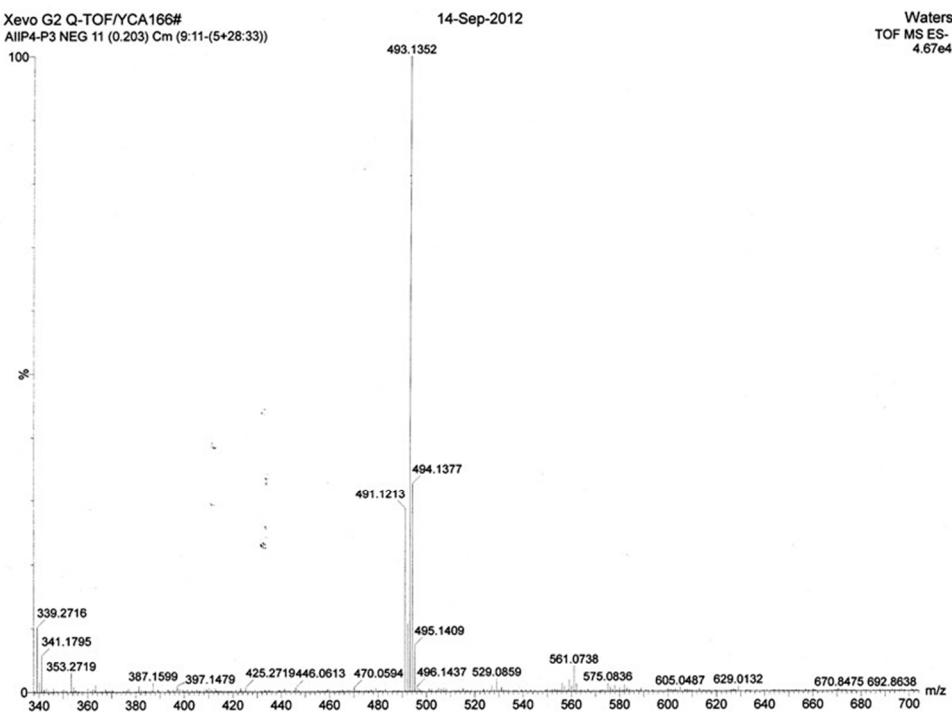


Figure S22. ESI-MS spectrum of compound 4.

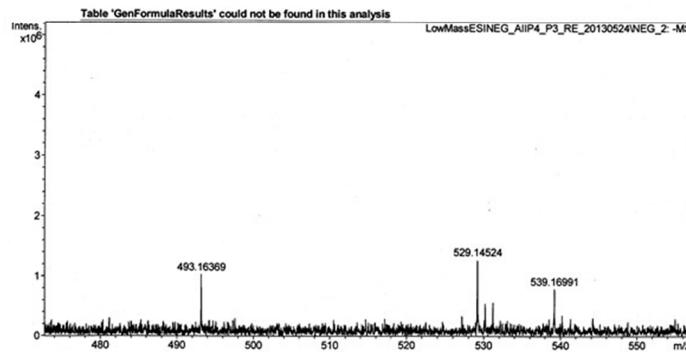
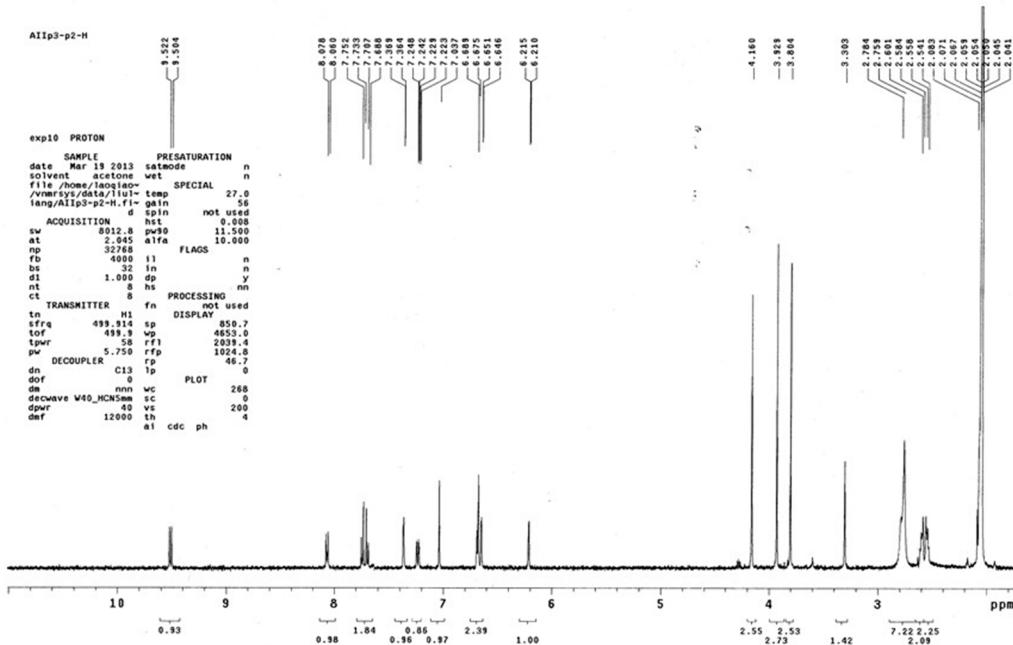


Figure S23. HR-ESI-MS spectrum of compound 4.

Figure S24. ¹H-NMR spectrum of compound 5.

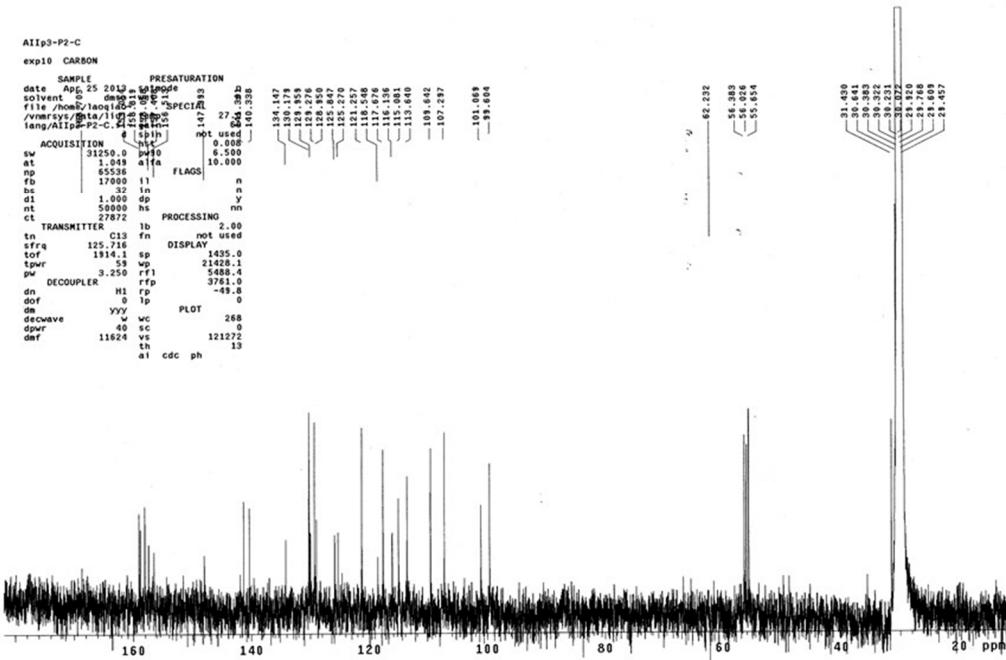


Figure S25. ^{13}C -NMR spectrum of compound 5.

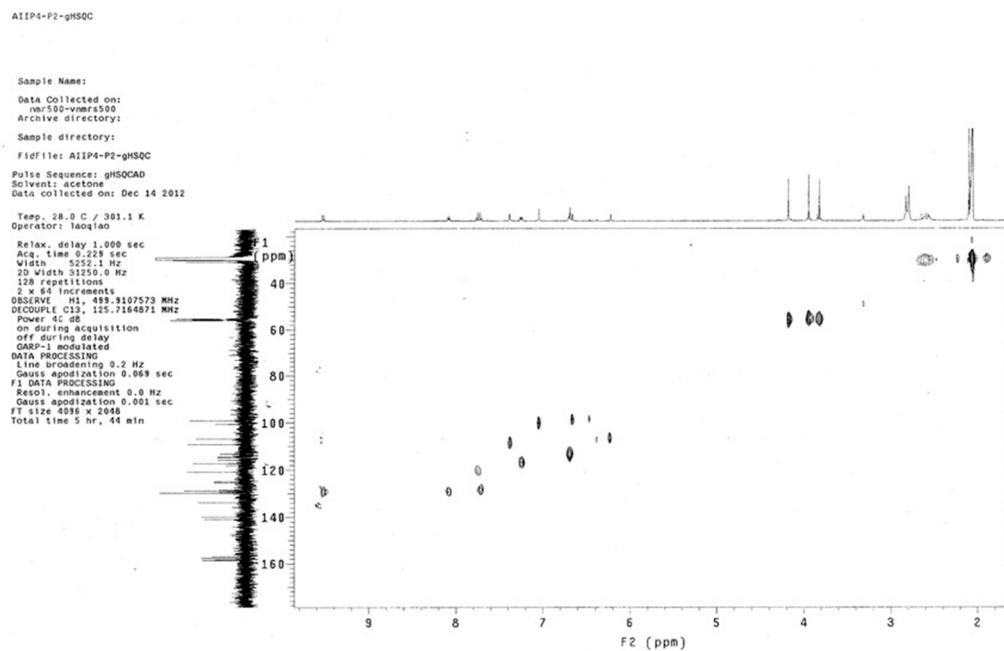


Figure S26. HSQC spectrum of compound 5.

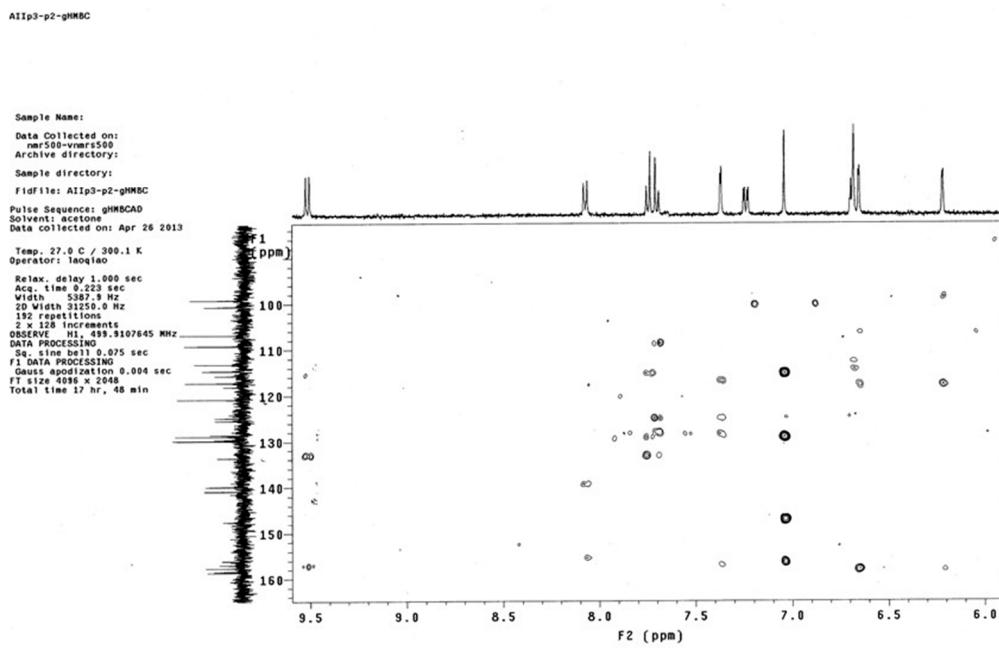


Figure S27. HMBC spectrum of compound 5.

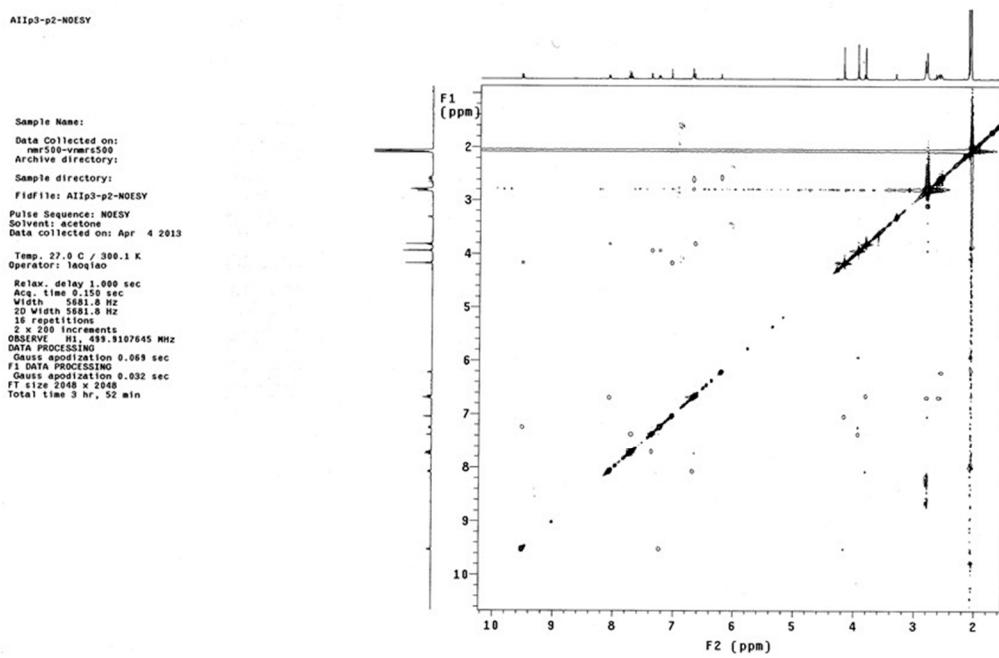


Figure S28. NOESY spectrum of compound 5.

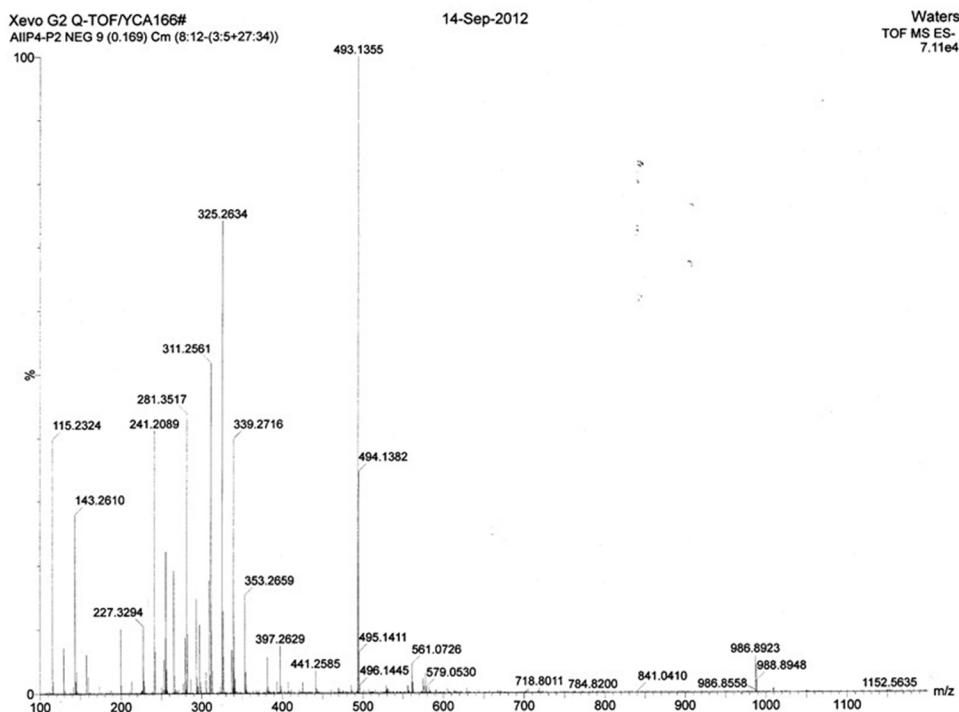


Figure S29. ESI-MS spectrum of compound 5.

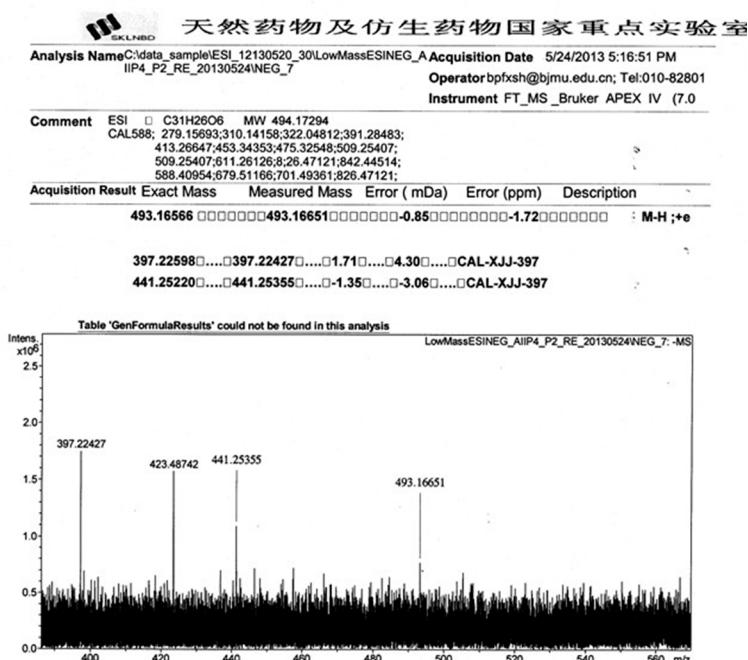


Figure S30. HR-ESI-MS spectrum of compound 5.

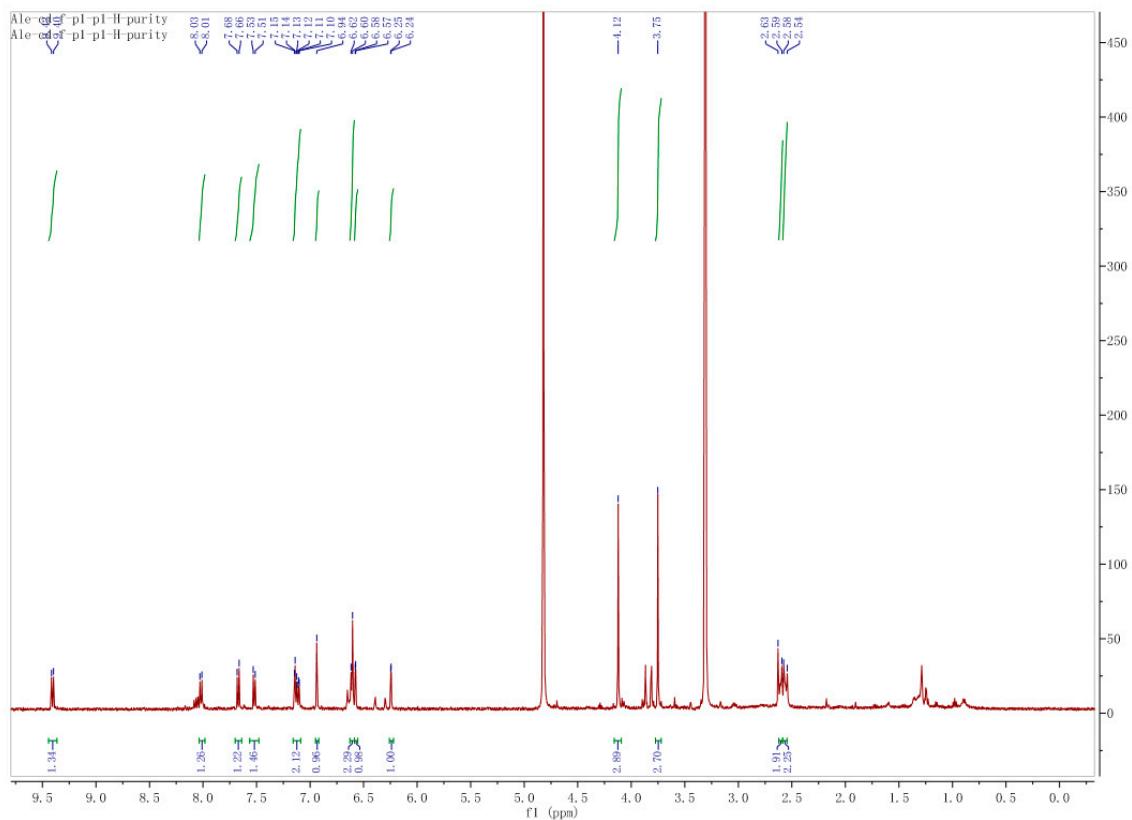


Figure S31. ^1H -NMR spectrum of compound 6.

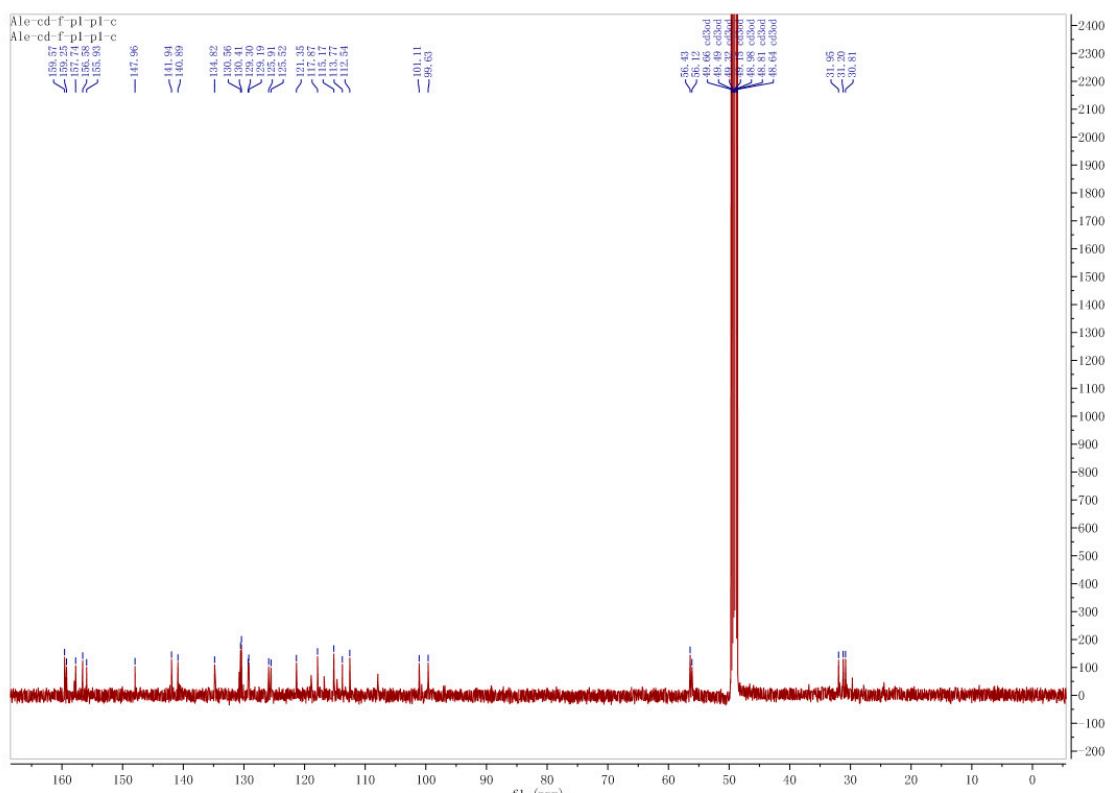


Figure S32. ^{13}C -NMR spectrum of compound 6.

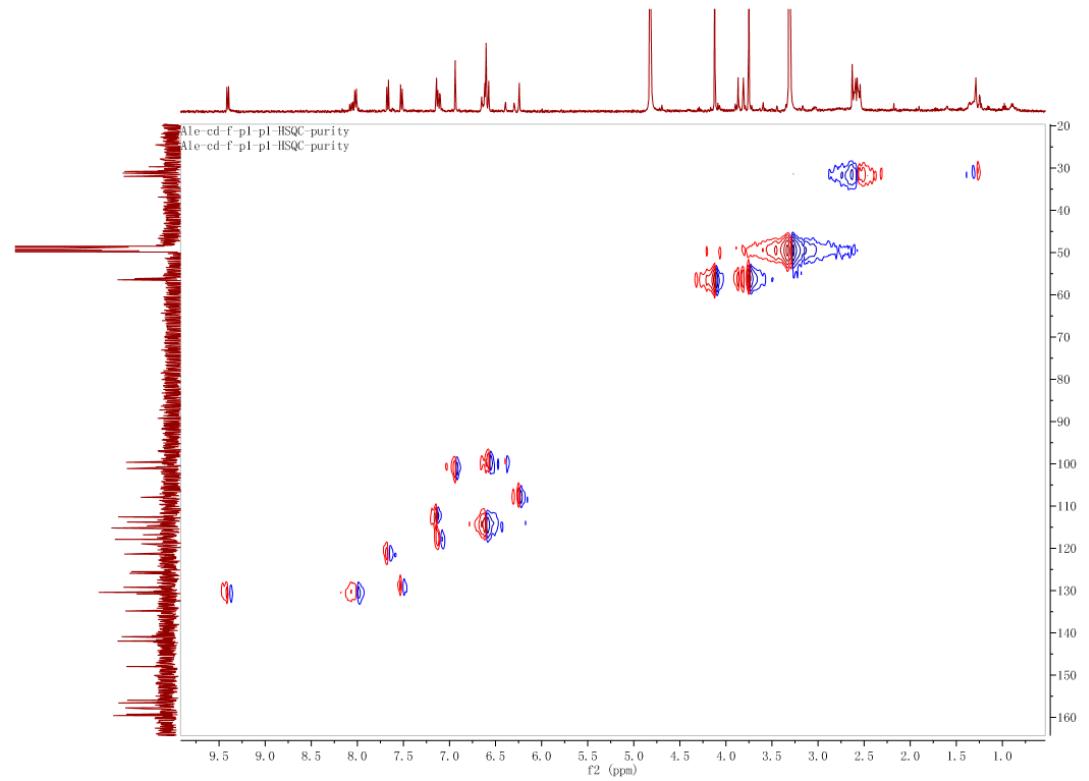


Figure S33. HSQC spectrum of compound 6.

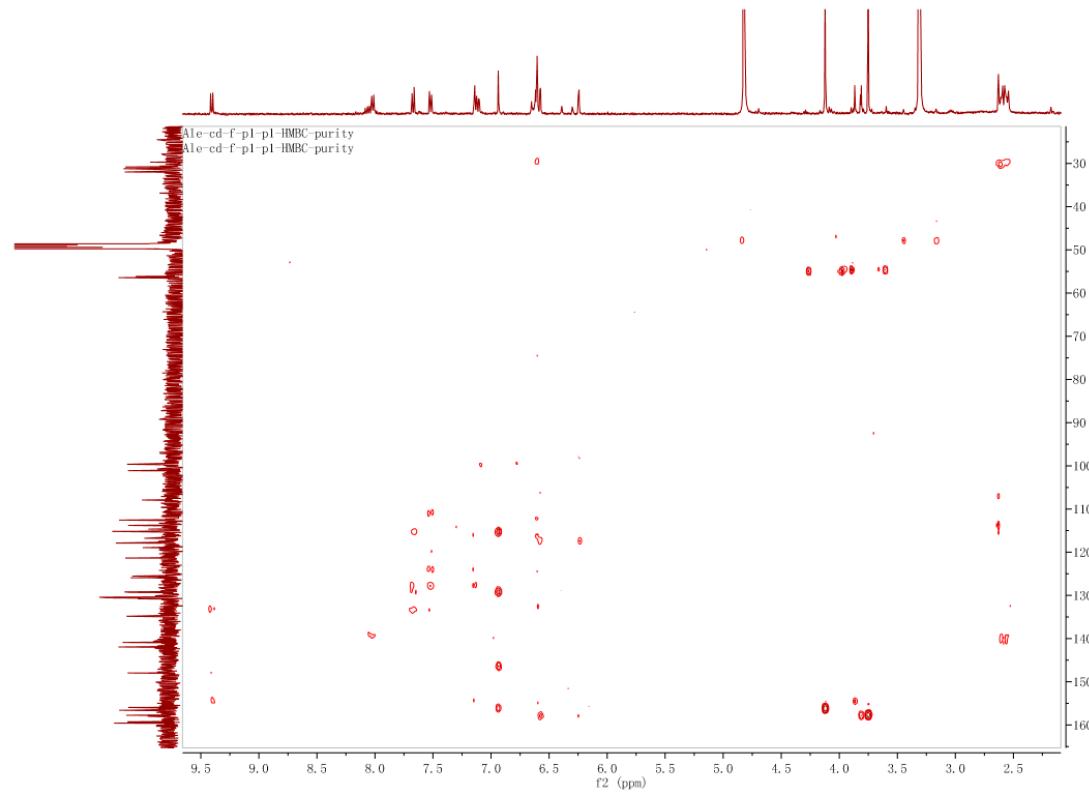


Figure S34. HMBC spectrum of compound 6.

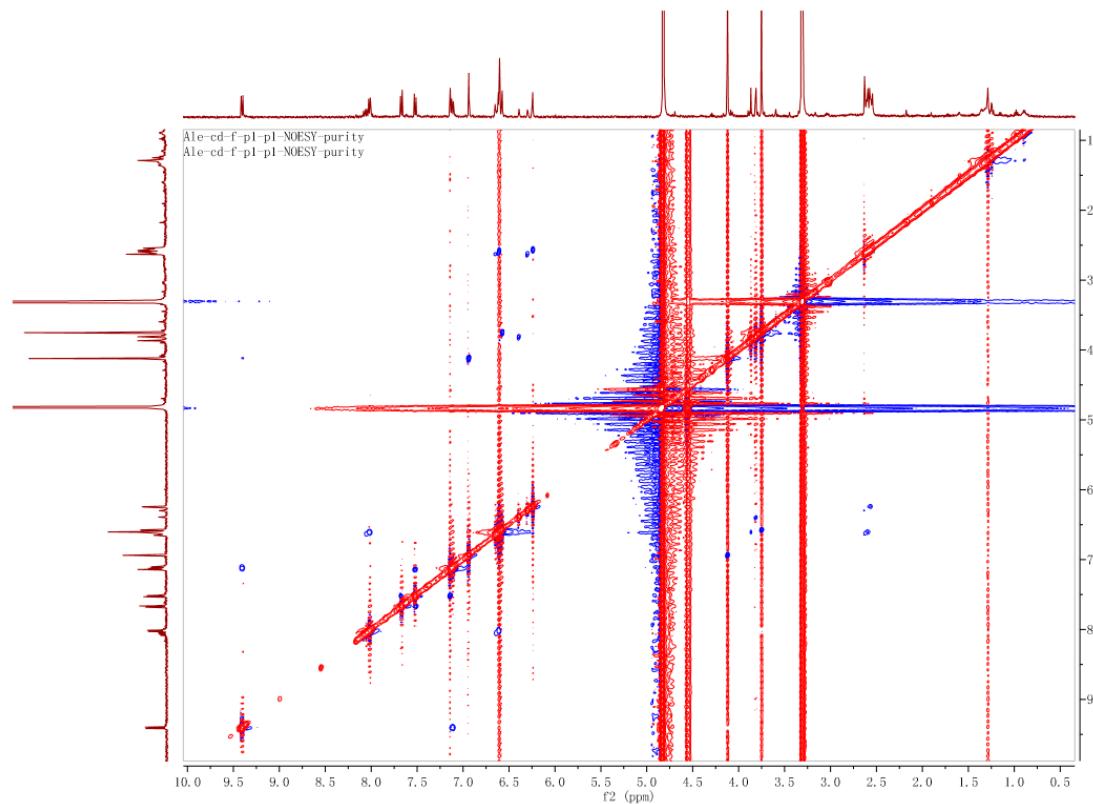


Figure S35. NOESY spectrum of compound 6.

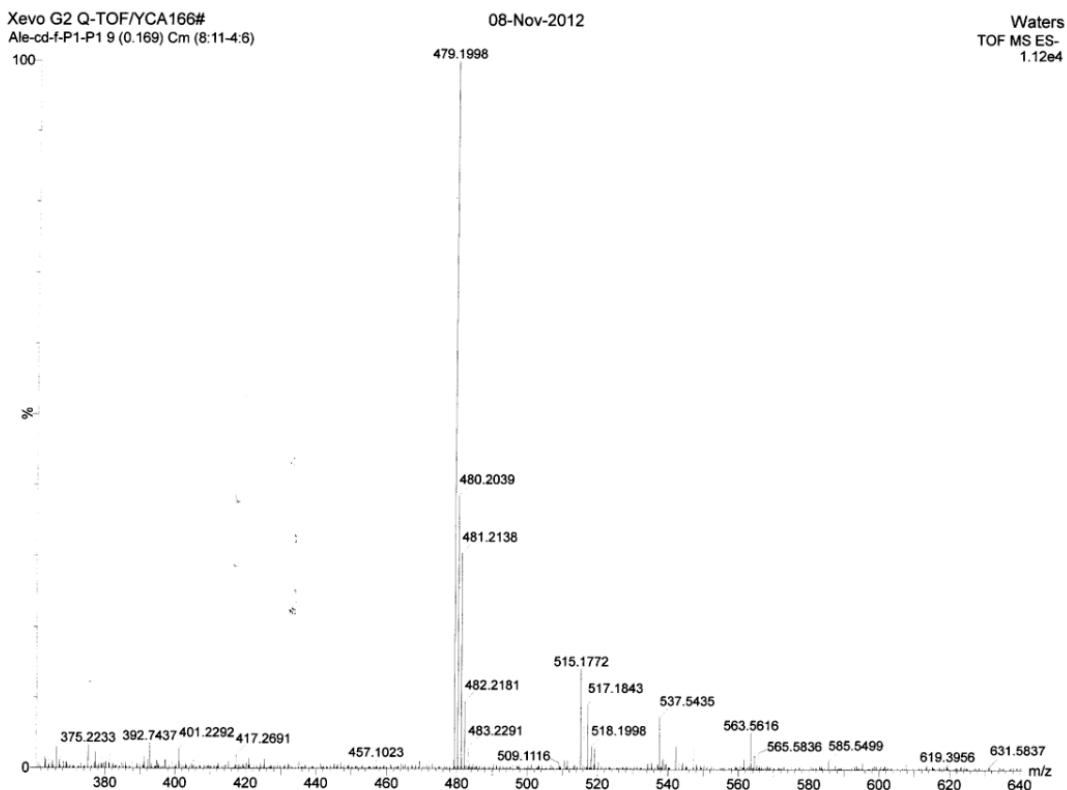


Figure S36. ESI-MS spectrum of compound 6.

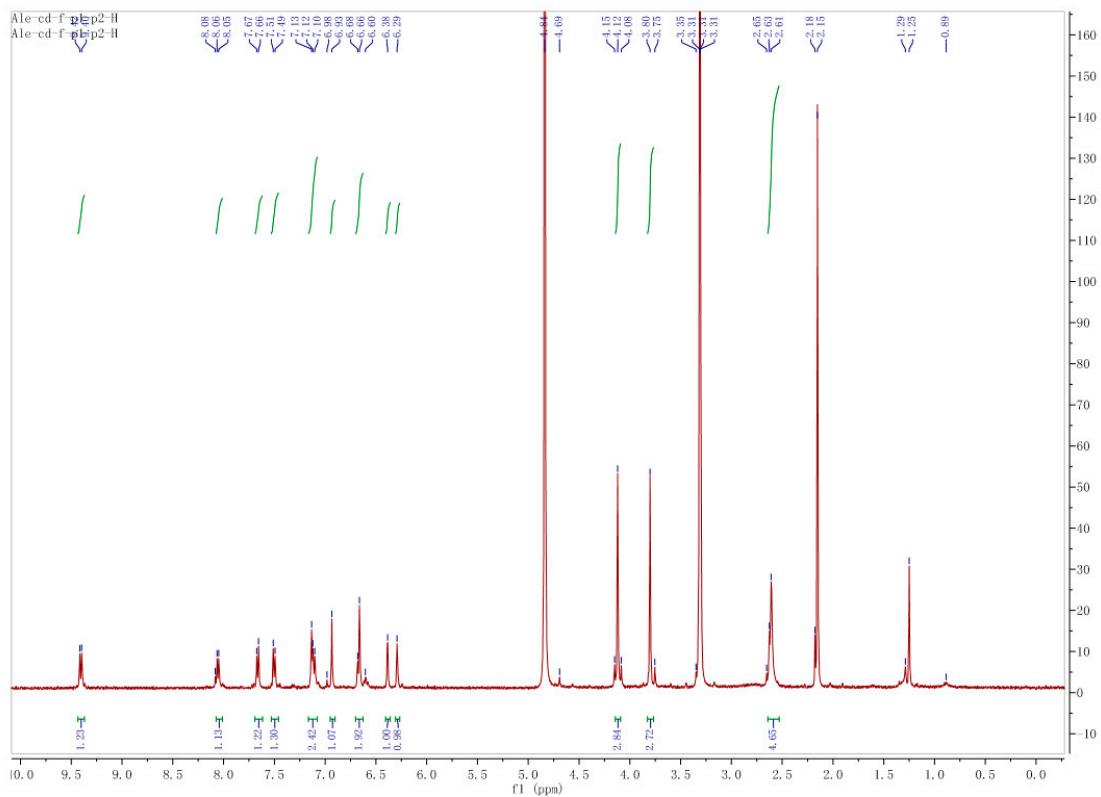


Figure S37. ^1H -NMR spectrum of compound 7.

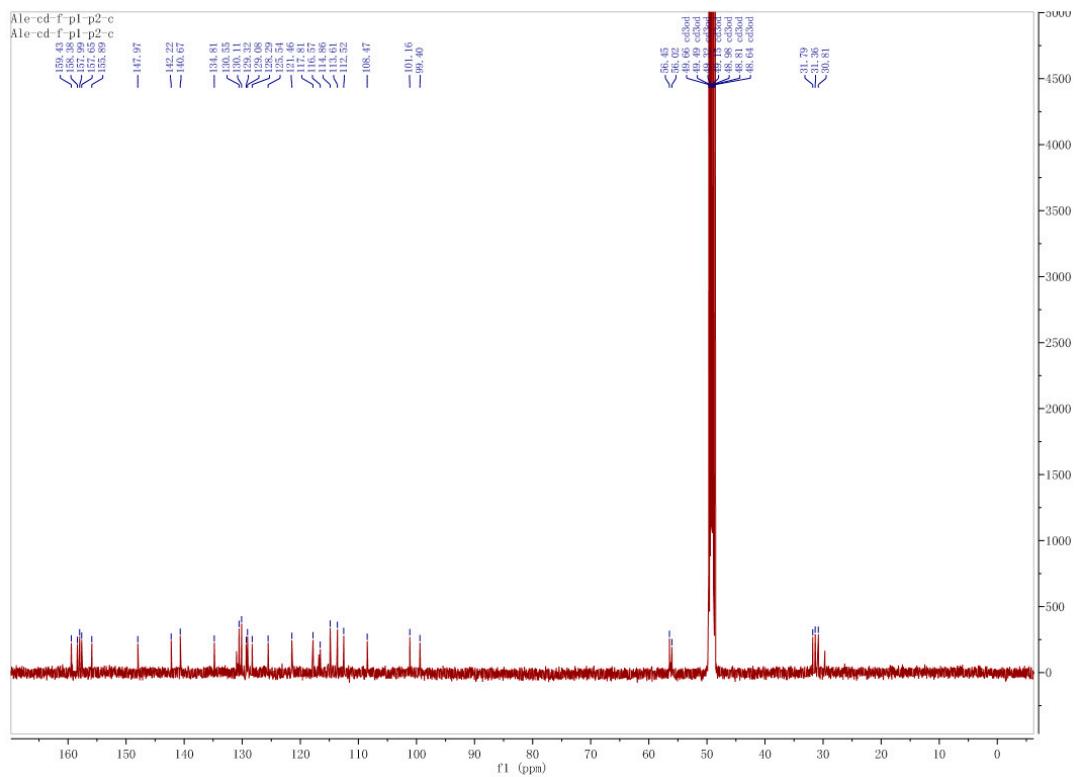


Figure S38. ^{13}C -NMR spectrum of compound 7.

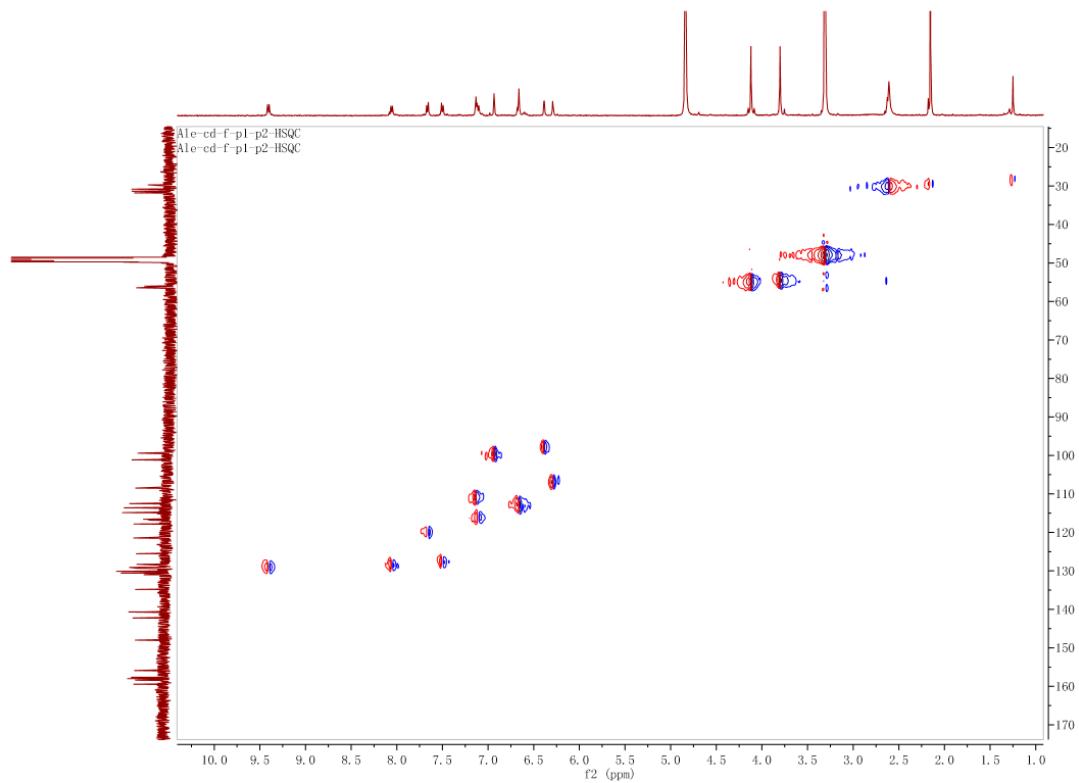


Figure S39. HSQC spectrum of compound 7.

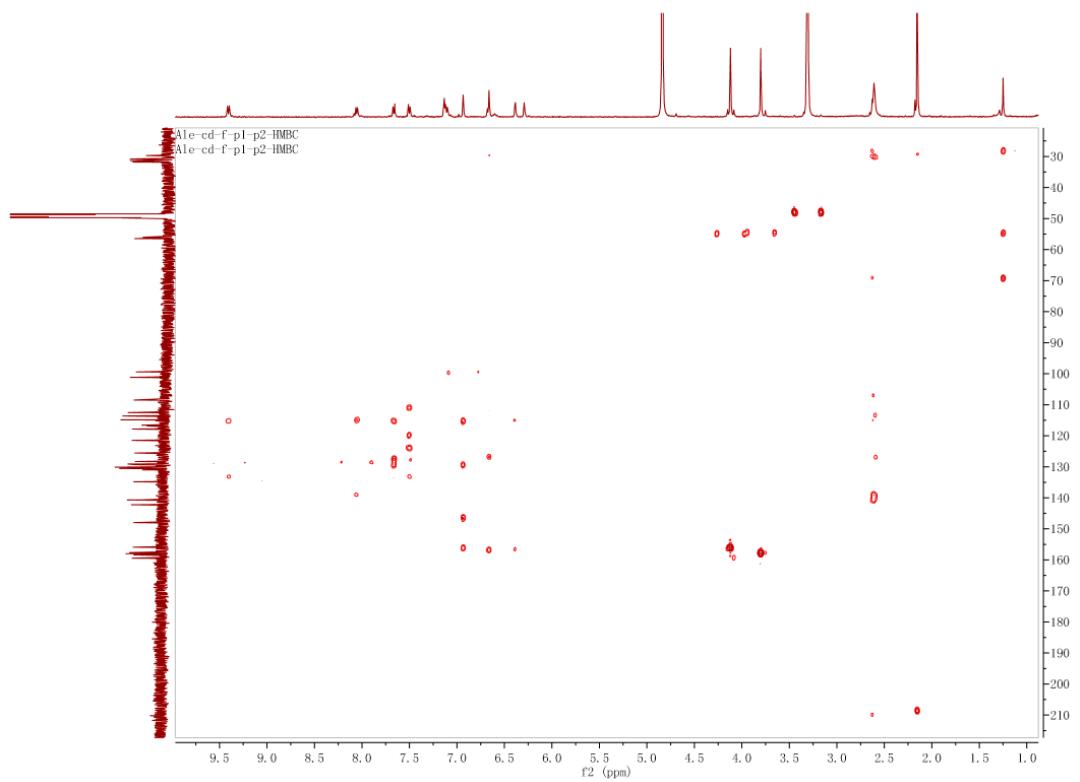


Figure S40. HMBC spectrum of compound 7.

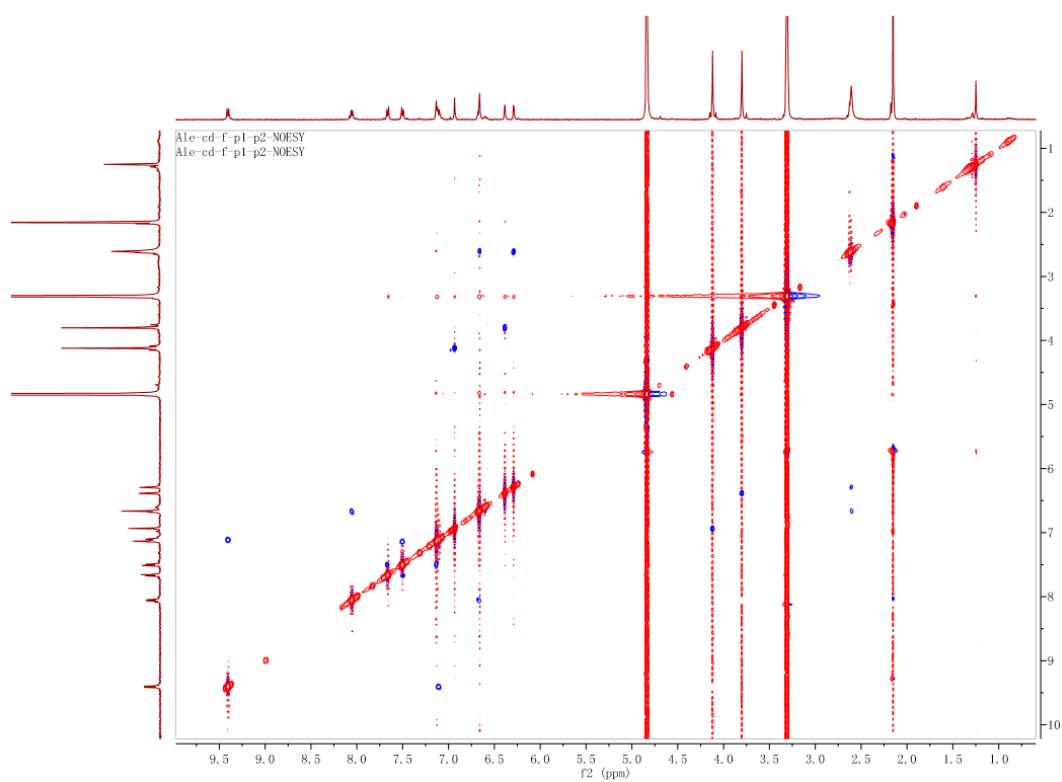


Figure S41. NOESY spectrum of compound 7.

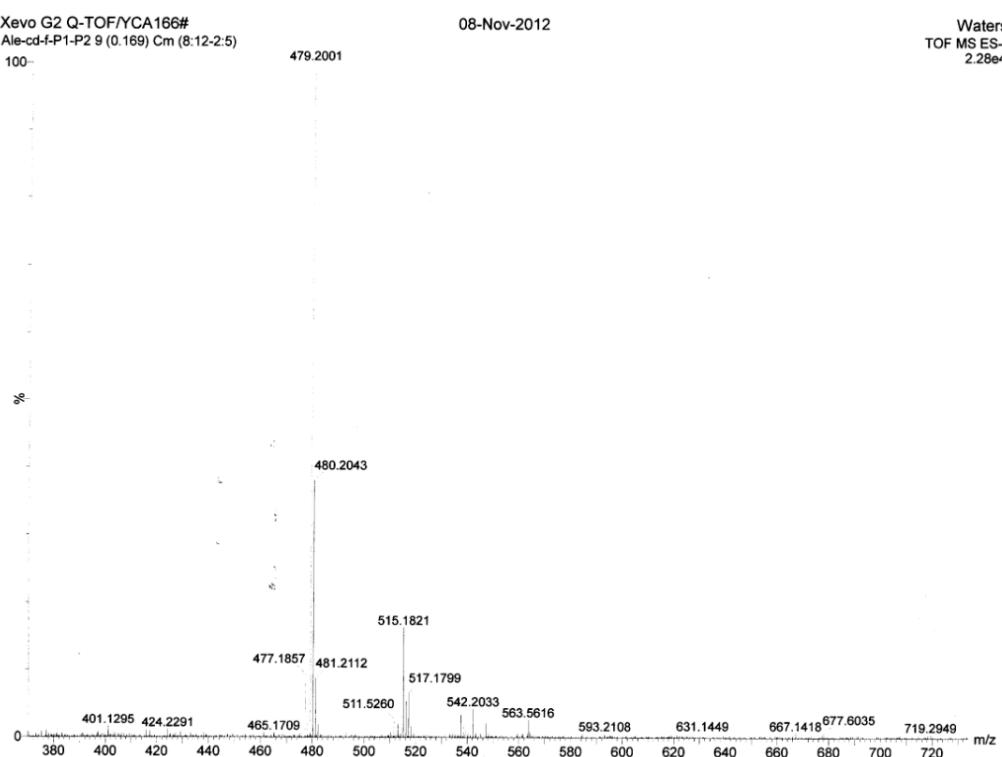


Figure S42. ESI-MS spectrum of compound 7.