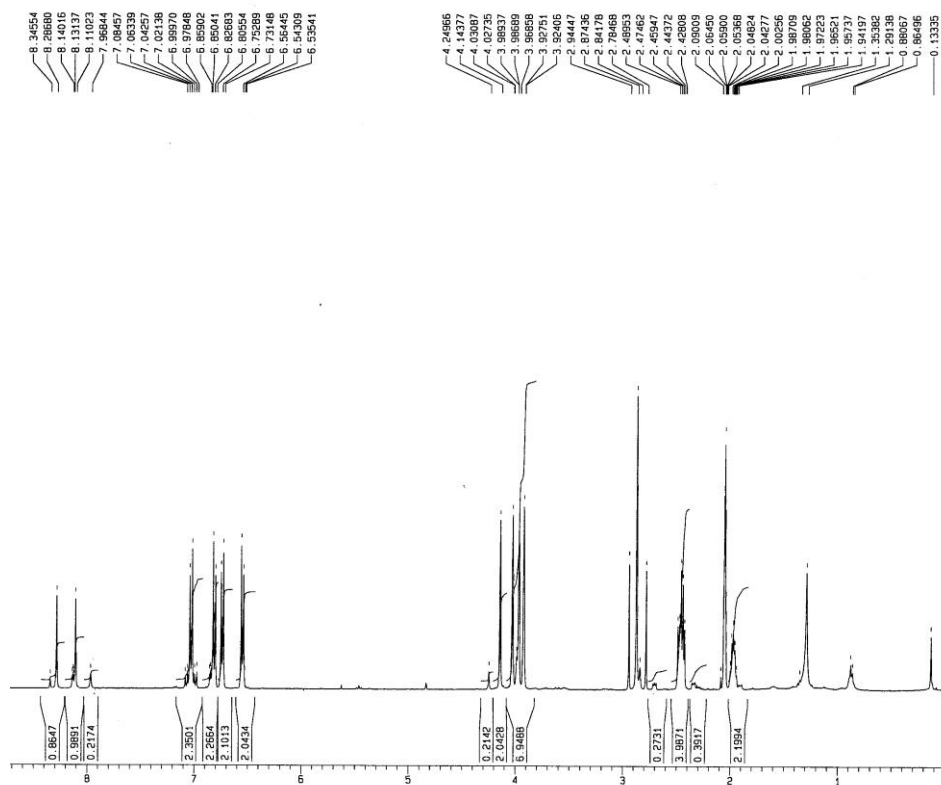


Supporting Information

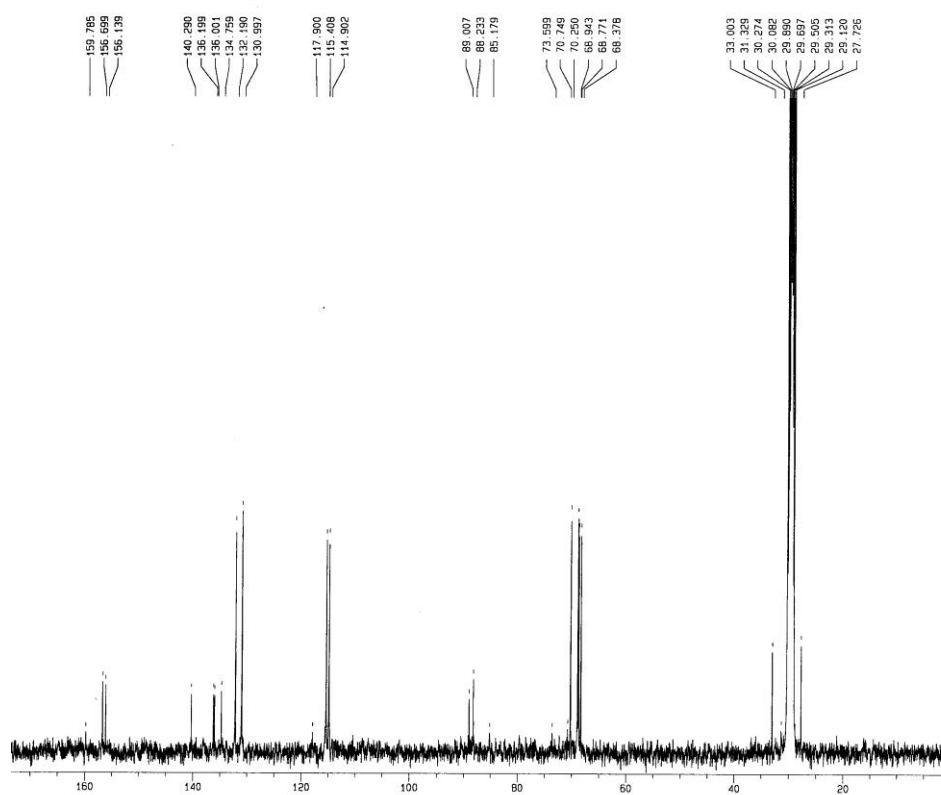
The length of the bridging chain in ansa-metallocenes influences their antiproliferative activity against triple negative breast cancer cells (TNBC).

Matthieu Beauperin, Siden Top, Marie-Aude Richard, Damian Plazuk, Pascal Pigeon, Stefan Toma, Viera Poláčková, and Gérard Jaouen

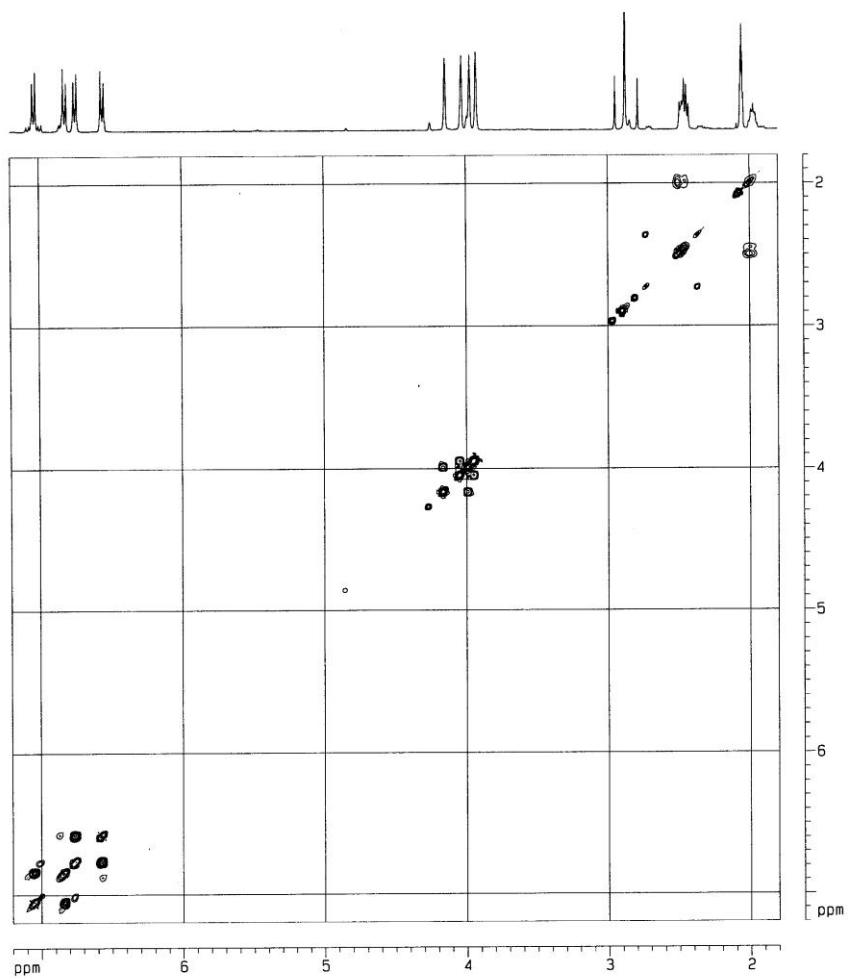
- SI 1.** ^1H nmr spectrum of **8**.
- SI 2.** ^{13}C nmr spectrum of **8**.
- SI 3.** COSY nmr spectrum of **8**.
- SI 4.** ^1H nmr spectrum of **9**.
- SI 5.** ^{13}C nmr spectrum of **9**
- SI 6.** ^1H nmr spectrum of **10**.
- SI 7.** ^{13}C nmr spectrum of **10**.
- SI 8.** ^1H nmr spectrum of **11**.
- SI 9.** ^{13}C nmr spectrum of **11**.
- SI 10.** COSY nmr spectrum of **11**.
- SI 11.** ^1H nmr spectrum of **13**.
- SI 12.** ^{13}C nmr spectrum of **13**.
- SI 13.** ^1H nmr spectrum of **14**.
- SI 14.** ^{13}C nmr spectrum of **14**
- SI 15.** ^1H nmr spectrum of **15**.
- SI 16.** ^{13}C nmr spectrum of **15**
- SI 17.** ^1H nmr spectrum of **23**
- SI 18.** ^{13}C nmr spectrum of **23**.
- SI 19.** COSY nmr spectrum of **23**.
- SI 20.** ^1H nmr spectrum of **24**.
- SI 21.** ^{13}C nmr spectrum of **24**.



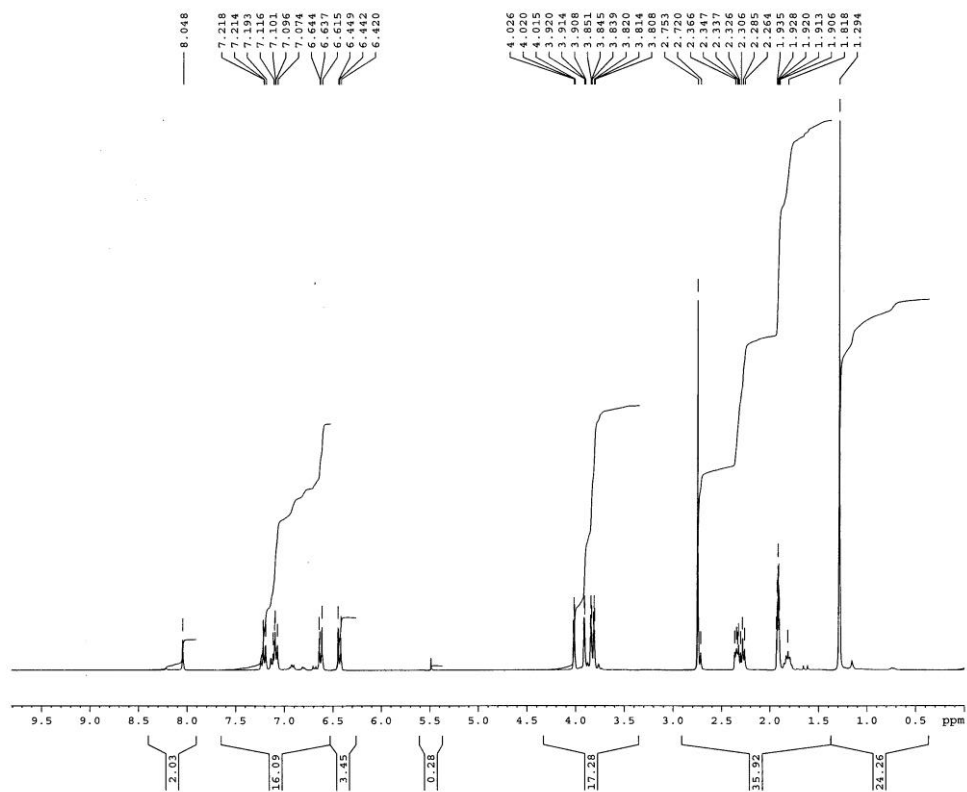
SI 1. ¹H nmr spectrum of 8.



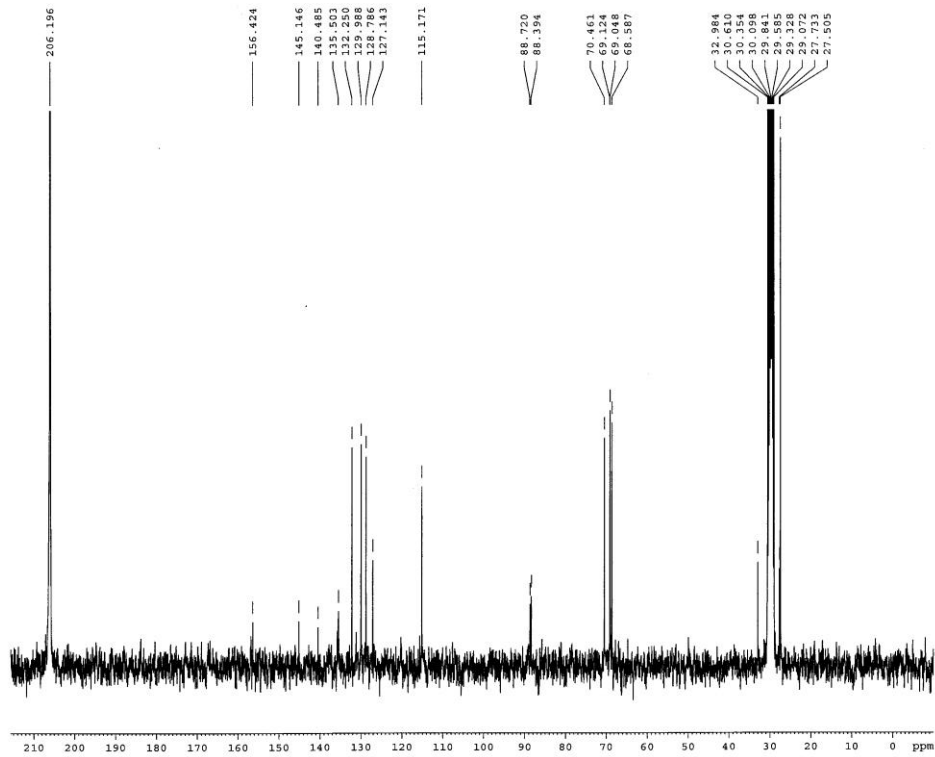
SI 2. ¹³C nmr spectrum of 8.



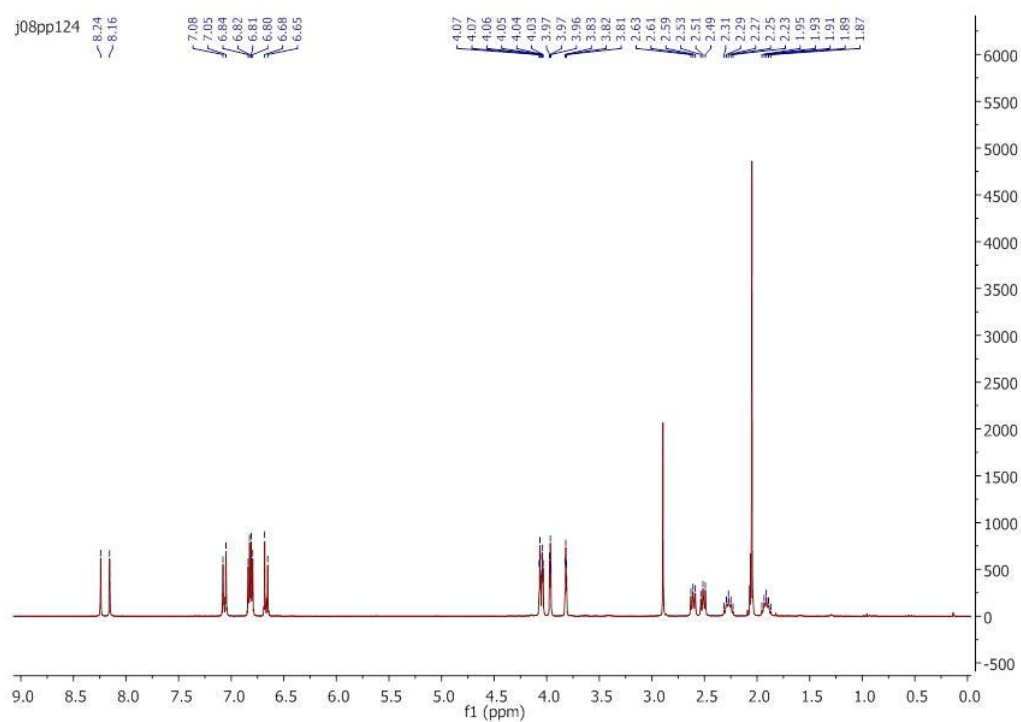
SI 3. COSY nmr spectrum of **8**.



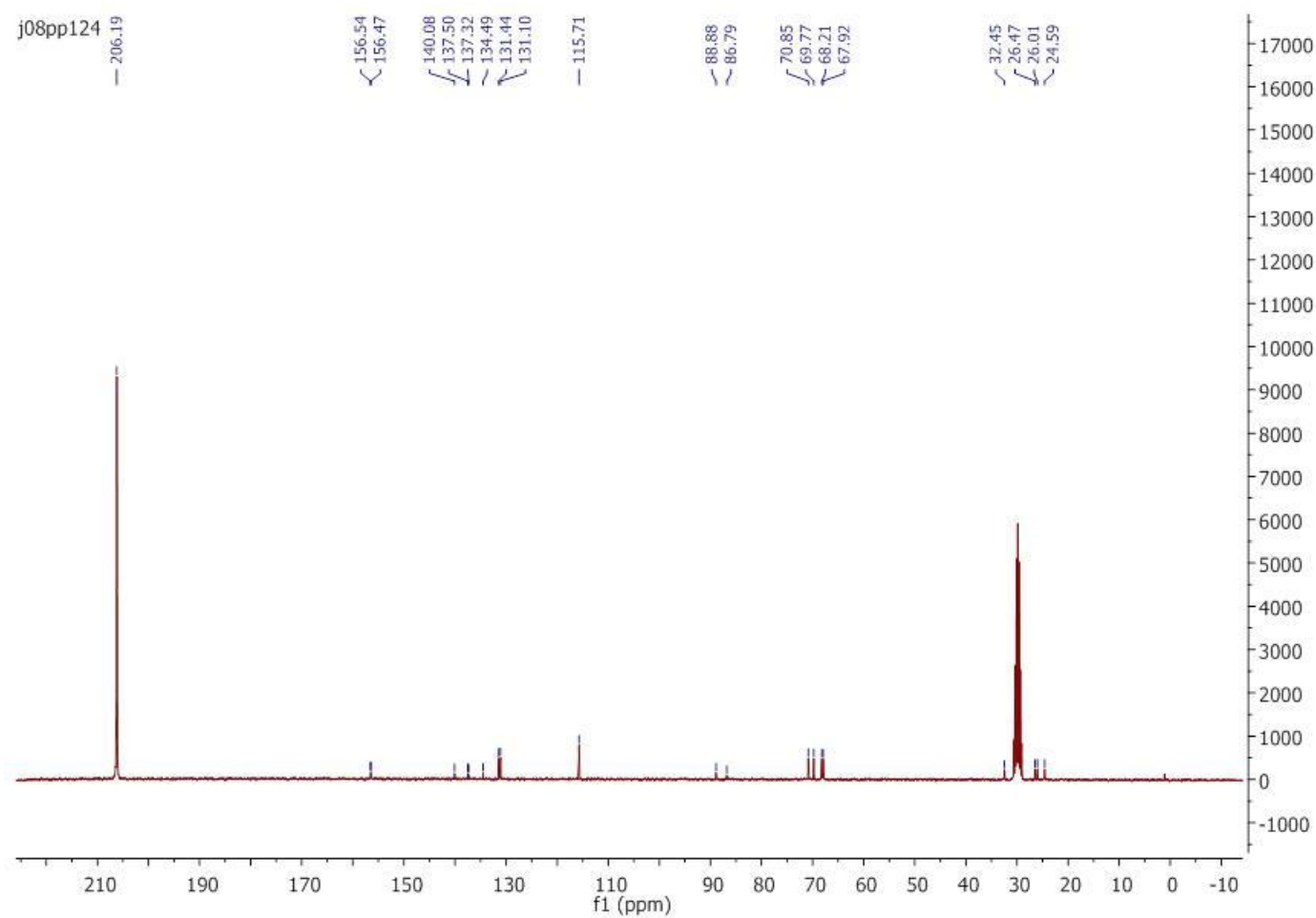
SI 4. ¹H nmr spectrum of 9.



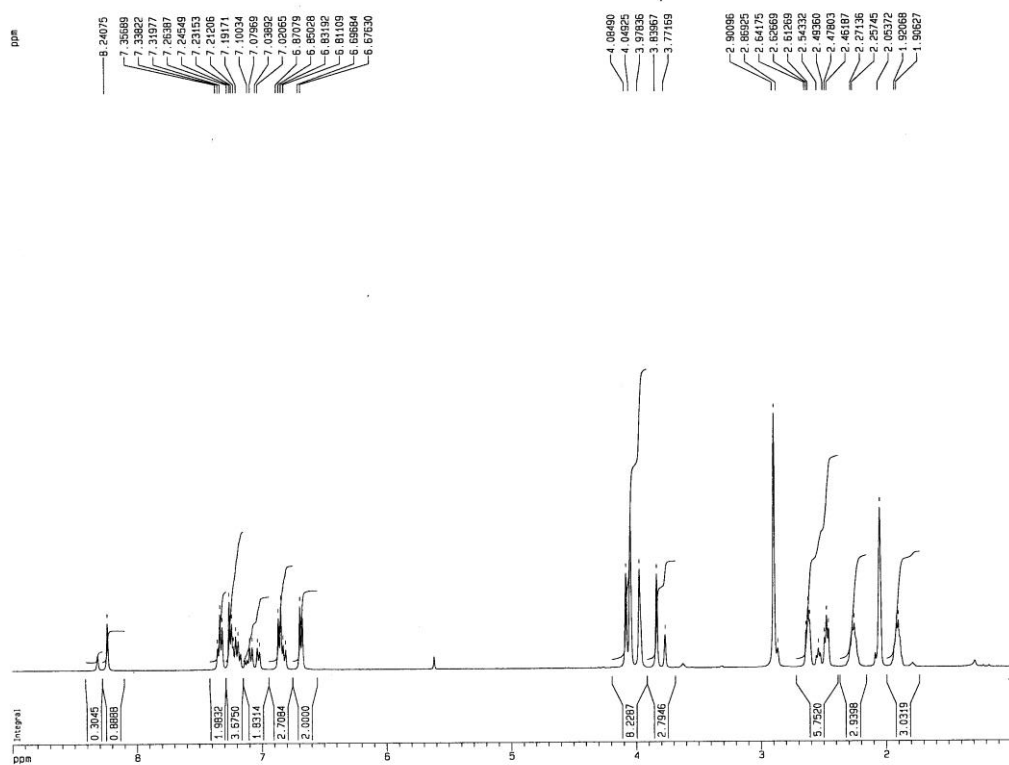
SI 5. ¹³C nmr spectrum of 9.



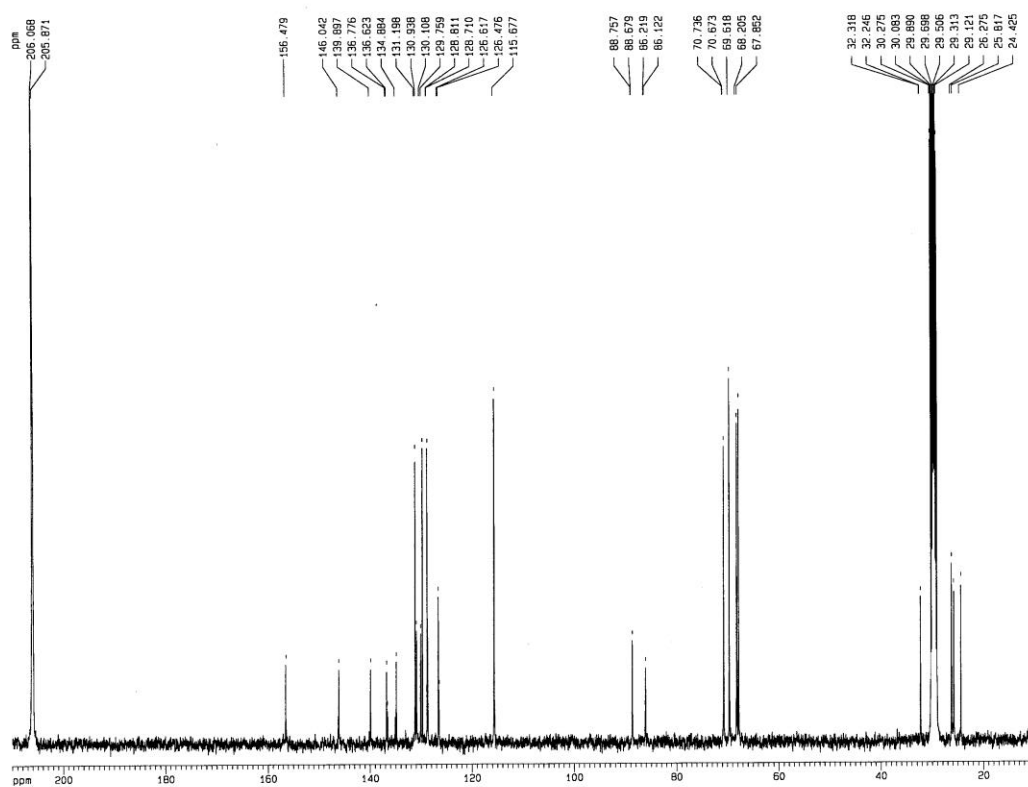
SI 6. ^1H nmr spectrum of **10**.



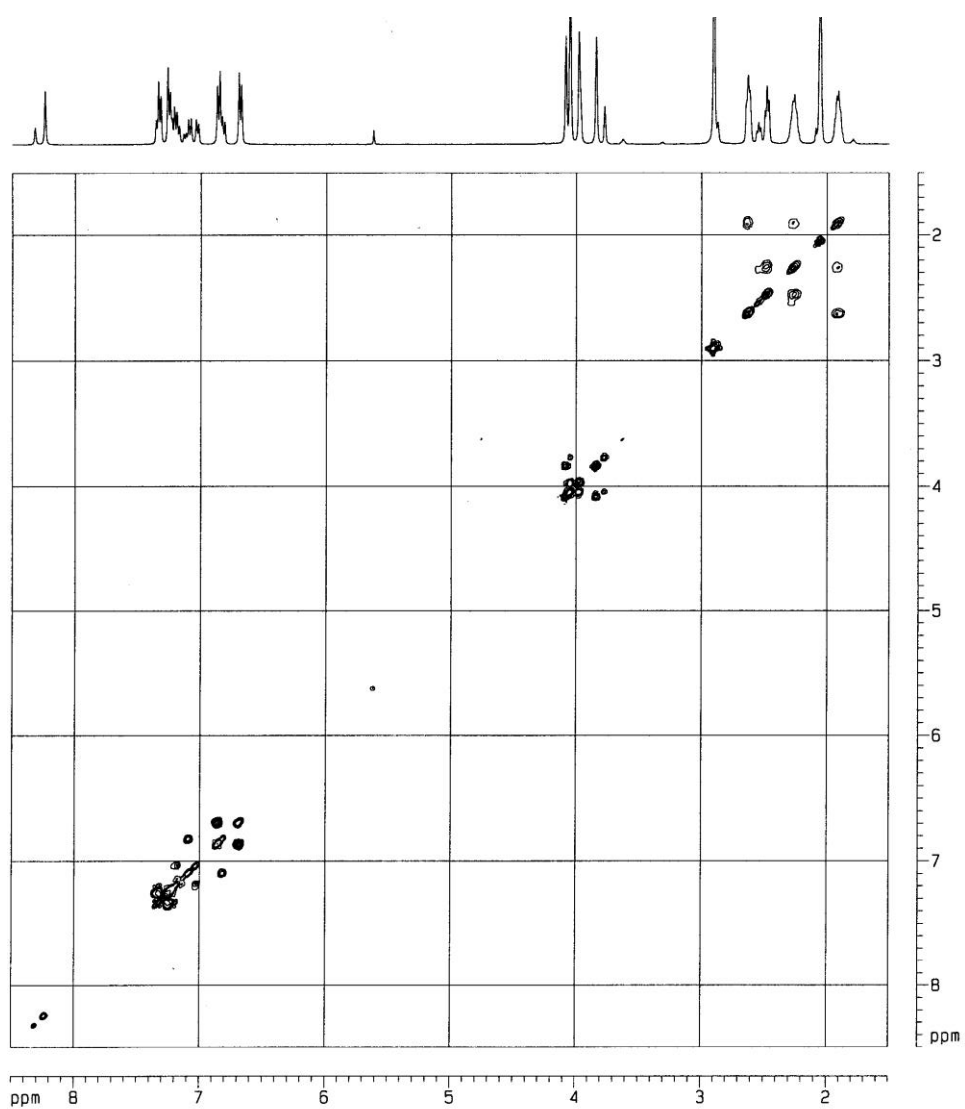
SI 7. ^{13}C nmr spectrum of **10**.



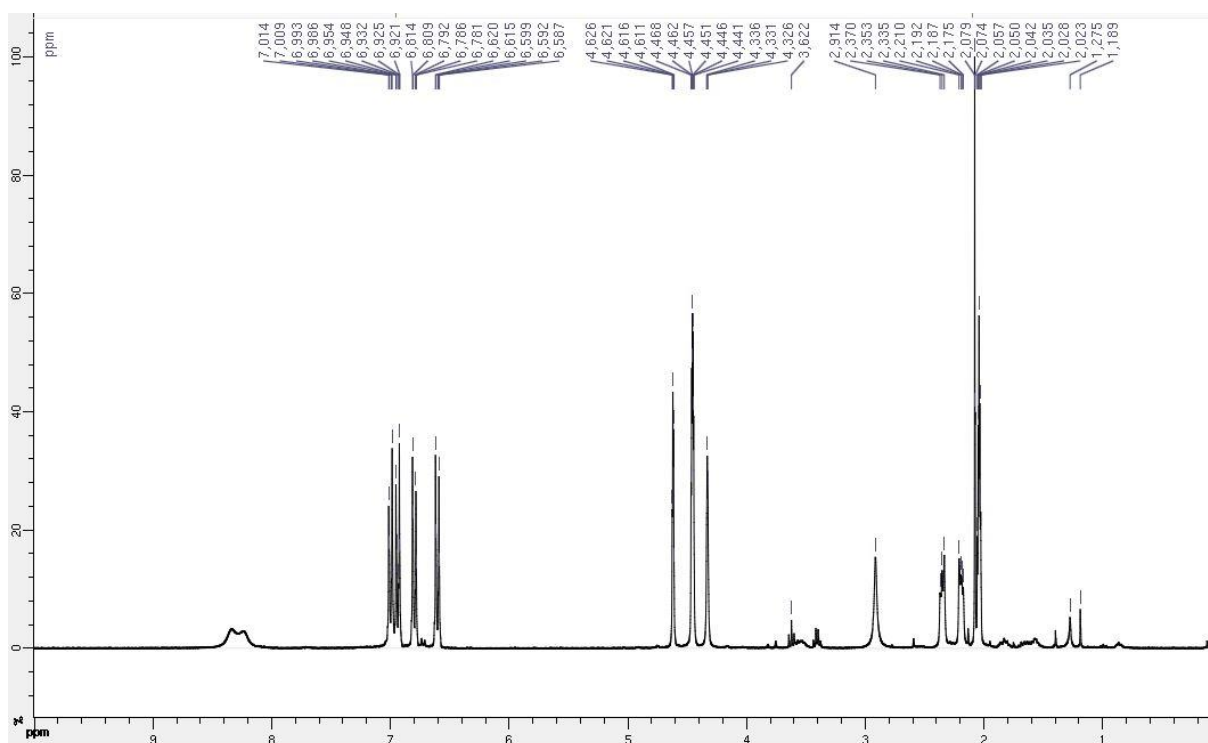
SI 8. ¹H nmr spectrum of 11.



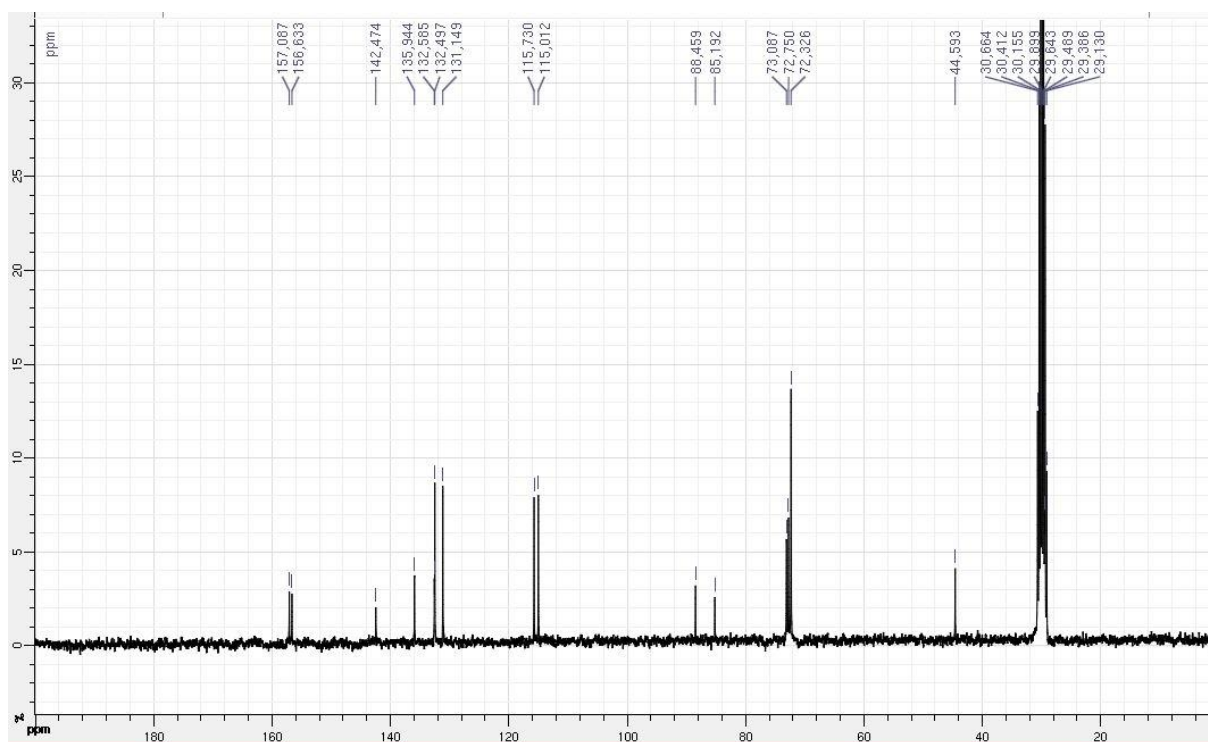
SI 9. ¹³C nmr spectrum of 11.



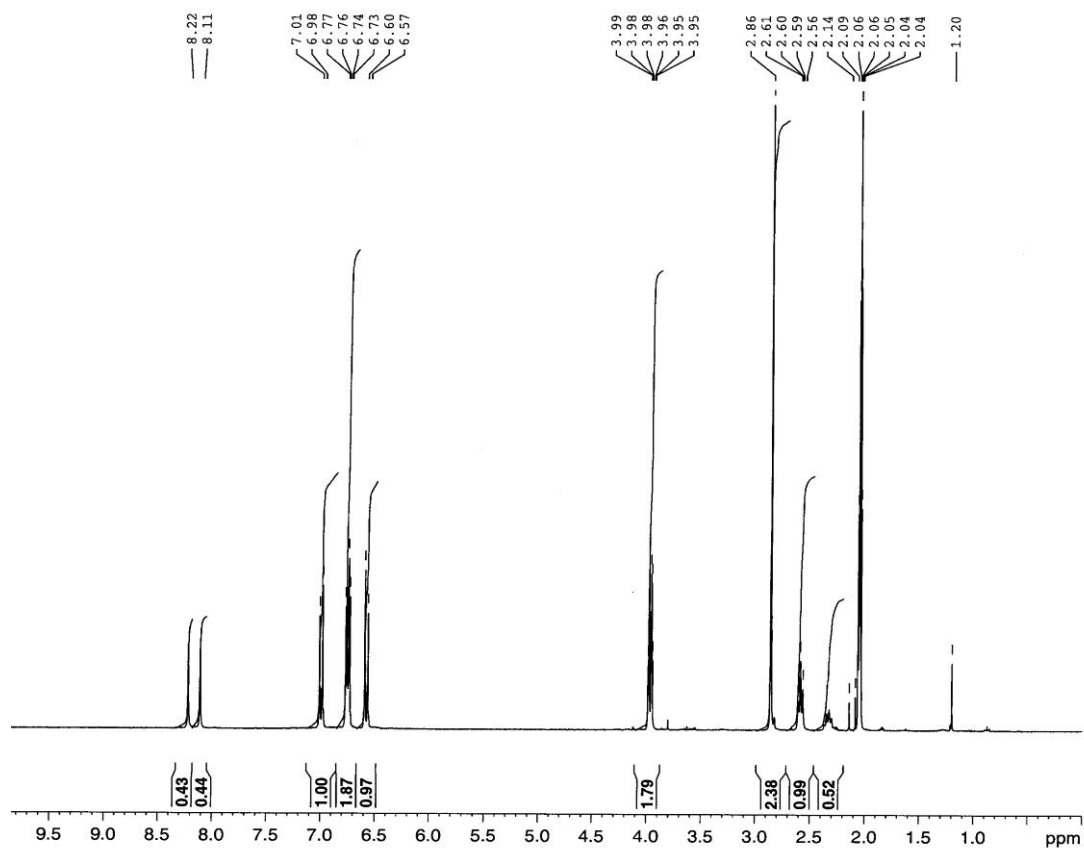
SI 10. COSY nmr spectrum of **11**.



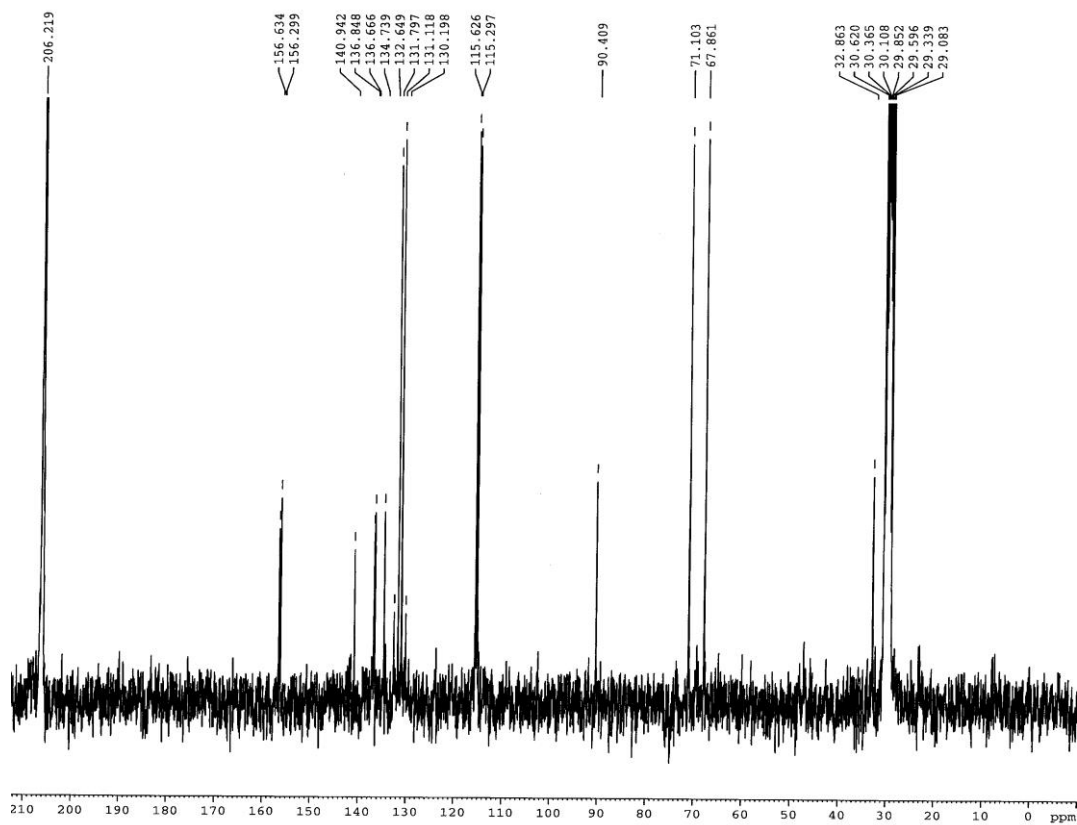
SI 11. ¹H nmr spectrum of 13.



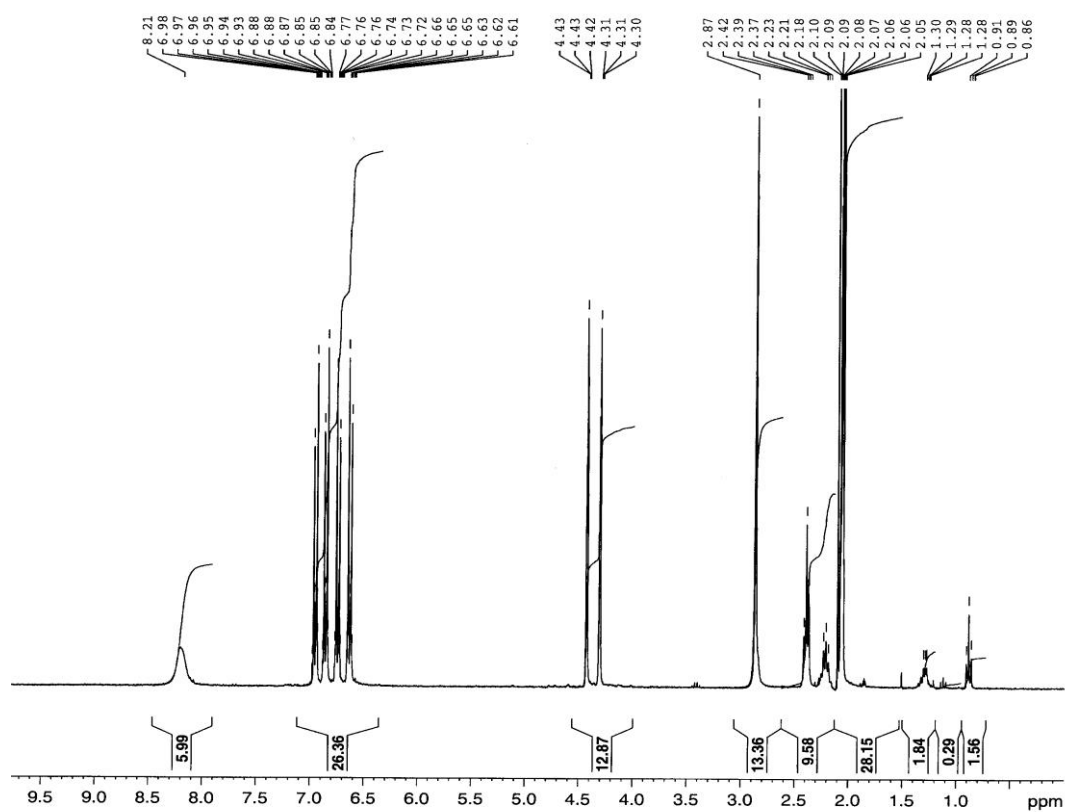
SI 12. ¹³C nmr spectrum of 13.



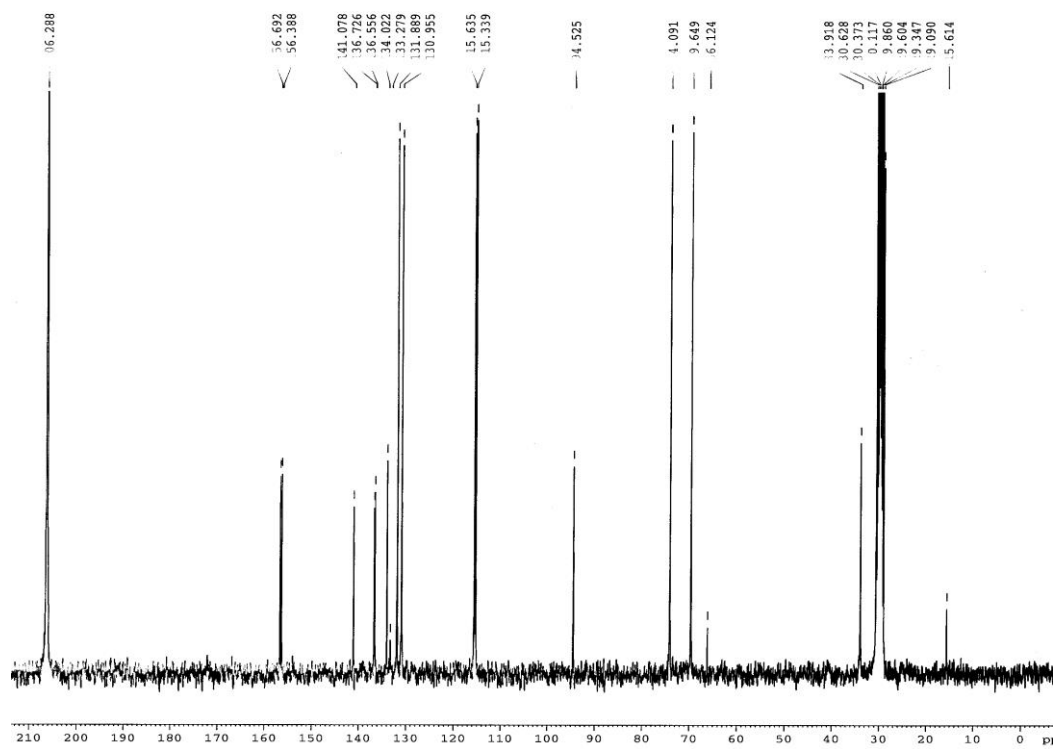
SI 13. ¹H nmr spectrum of **14**.



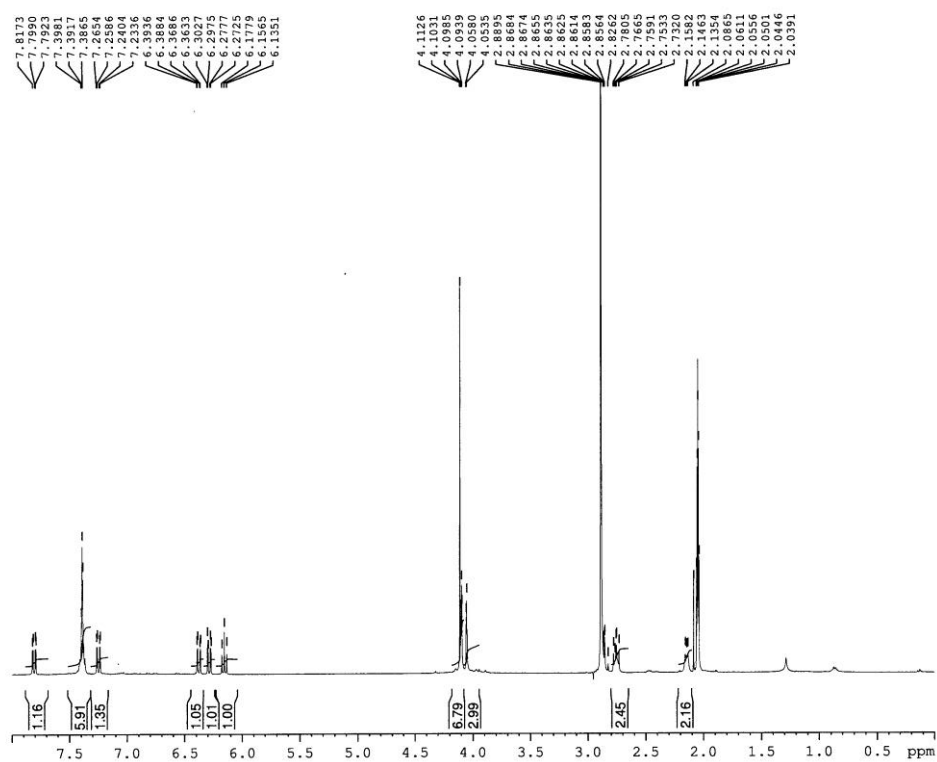
SI 14. ¹³C nmr spectrum of **14**



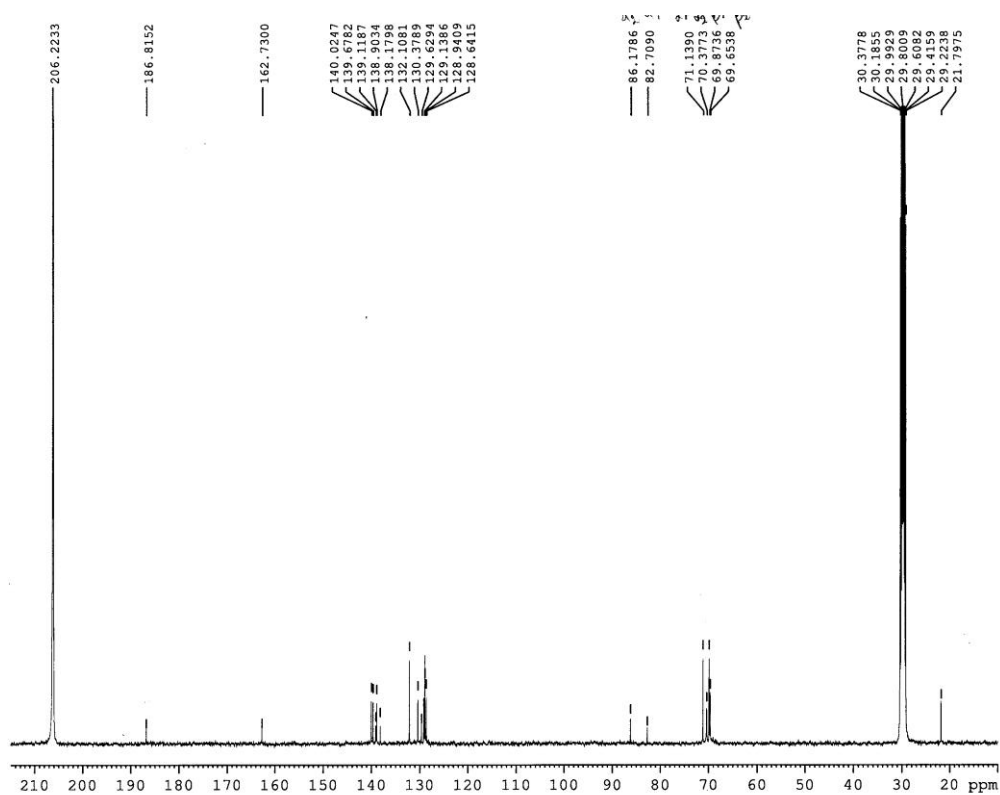
SI 15. ¹H nmr spectrum of 15.



SI 16. ¹³C nmr spectrum of 15.

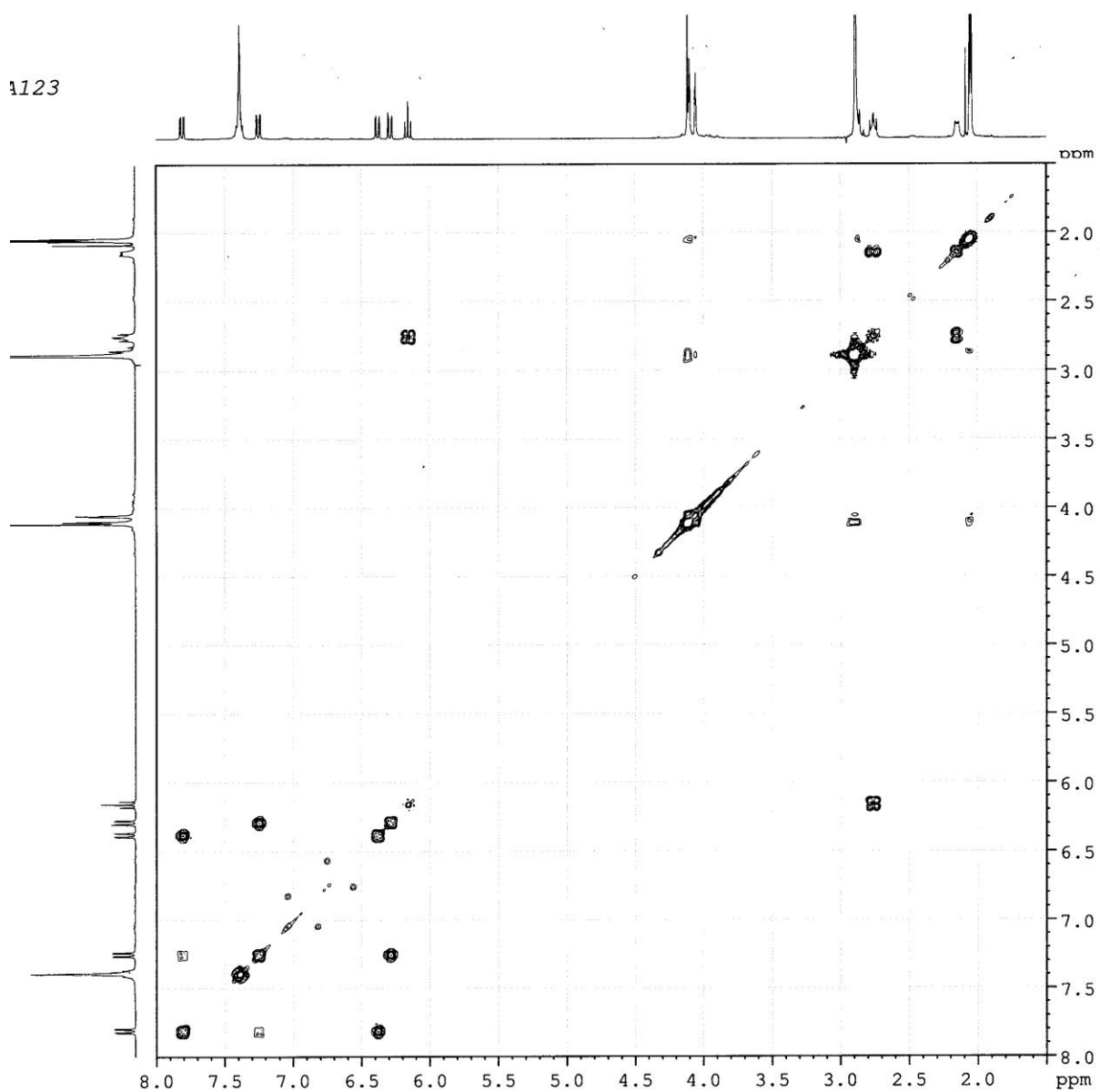


SI 17. ¹H nmr spectrum of 23.

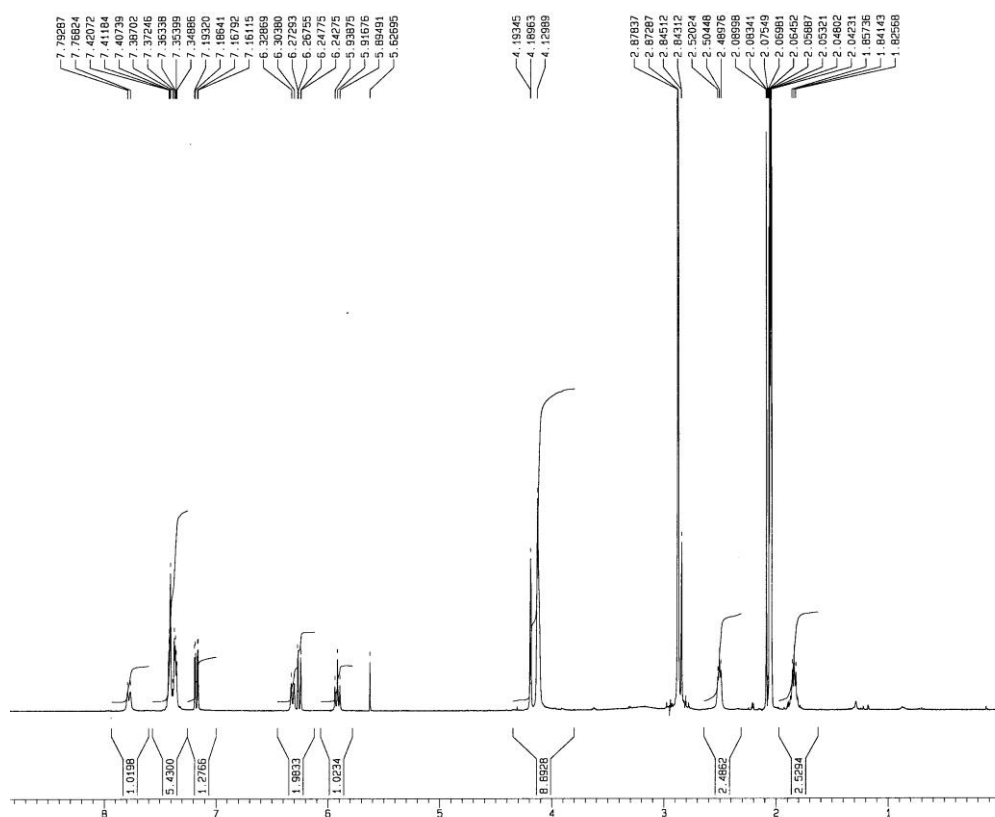


SI 18. ¹³C nmr spectrum of 23.

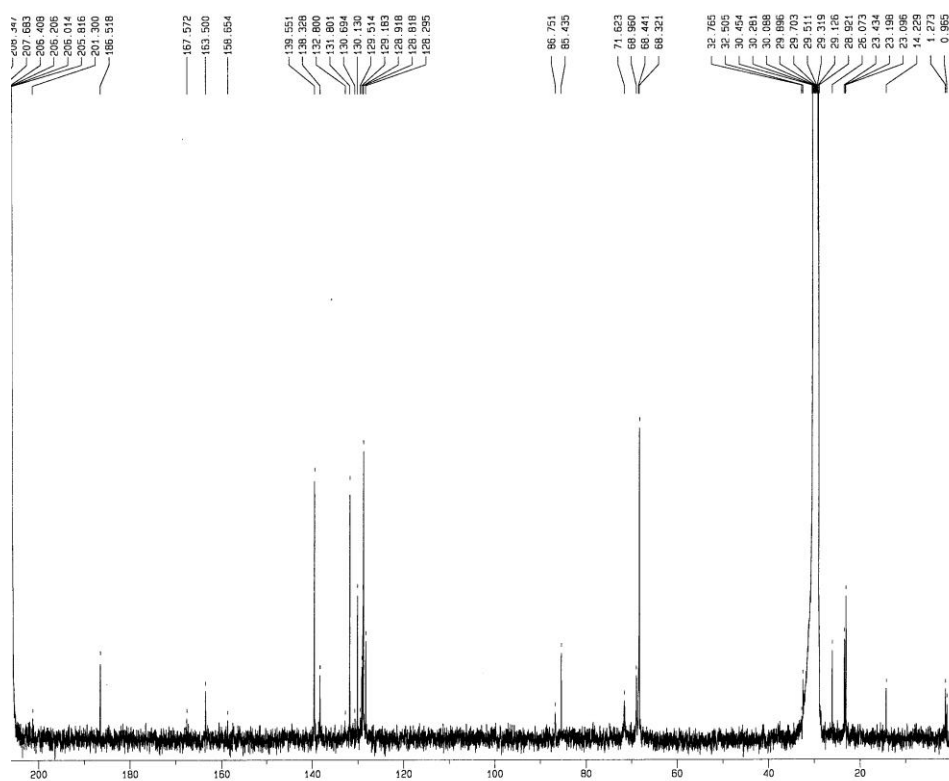
1123



SI 19. COSY nmr spectrum of 23.



SI 20. ¹H nmr spectrum of 24.



SI 21. ¹³C nmr spectrum of 24.