

**Identification of Xanthonenes from Mangosteen Pericarp that Inhibit the Growth of
*Ralstonia solanacearum***

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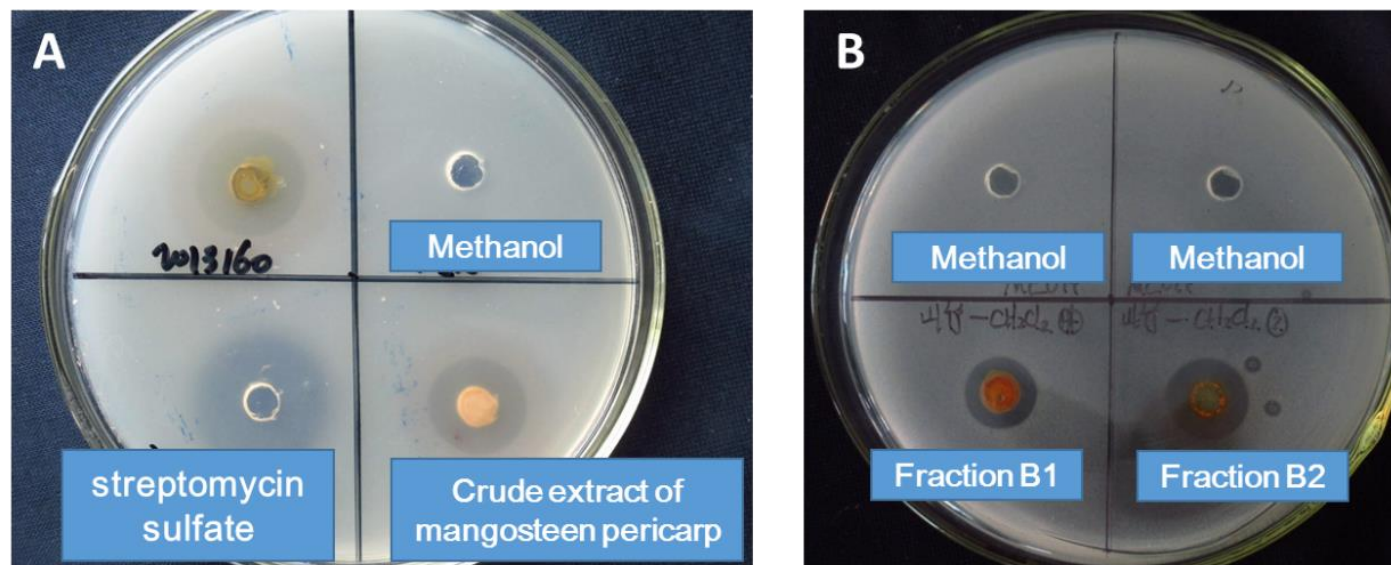


Figure S1. The anti-bacterial activity of crude extract of mangosteen pericarp on agar medium against *R. solanacearum*(A). The anti-bacterial activity of dichloromethane fractions (Fractions B1 and B2) isolated from crude extract of mangosteen pericarp (B). Streptomycin sulfate as positive control and methanol as negative control.

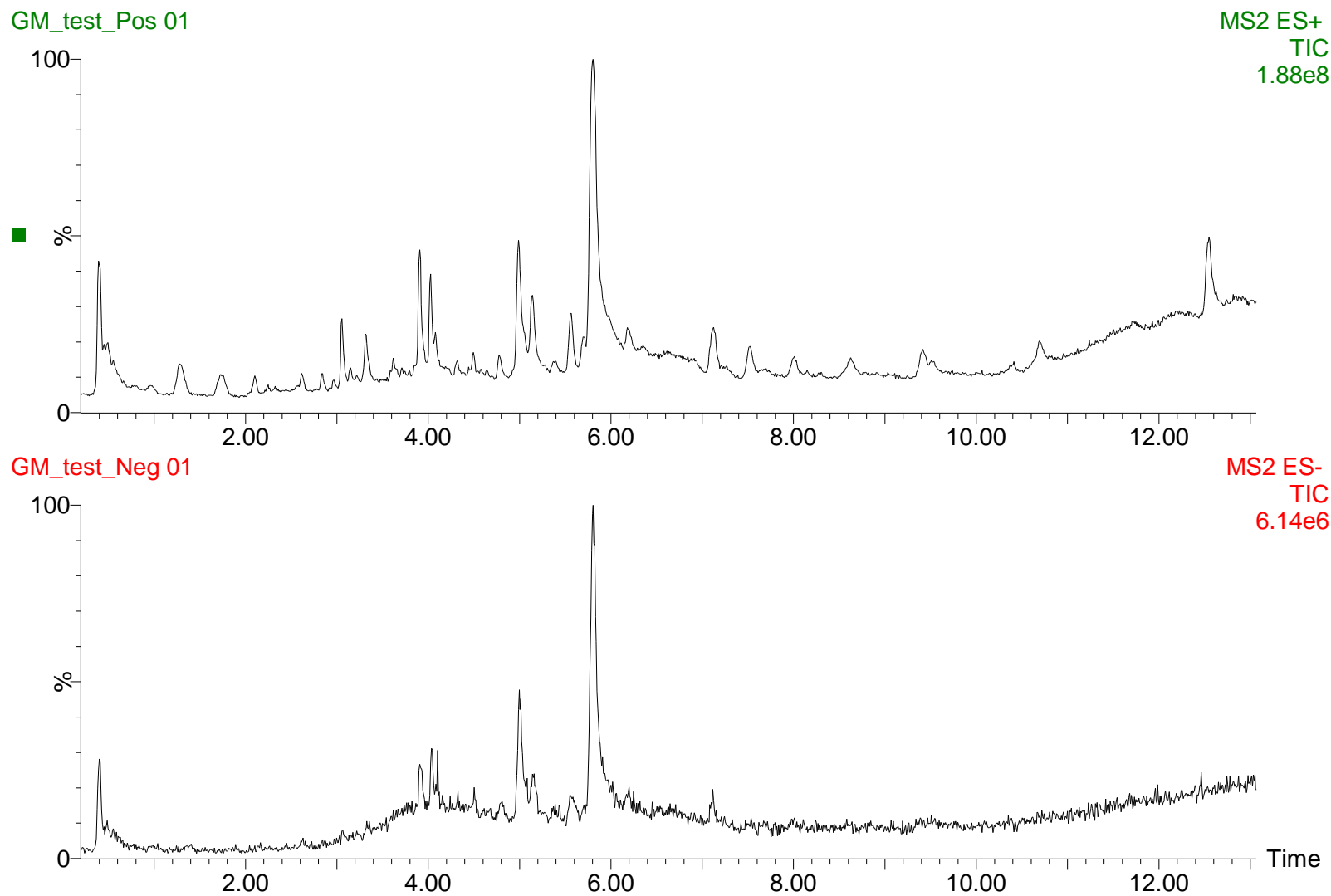
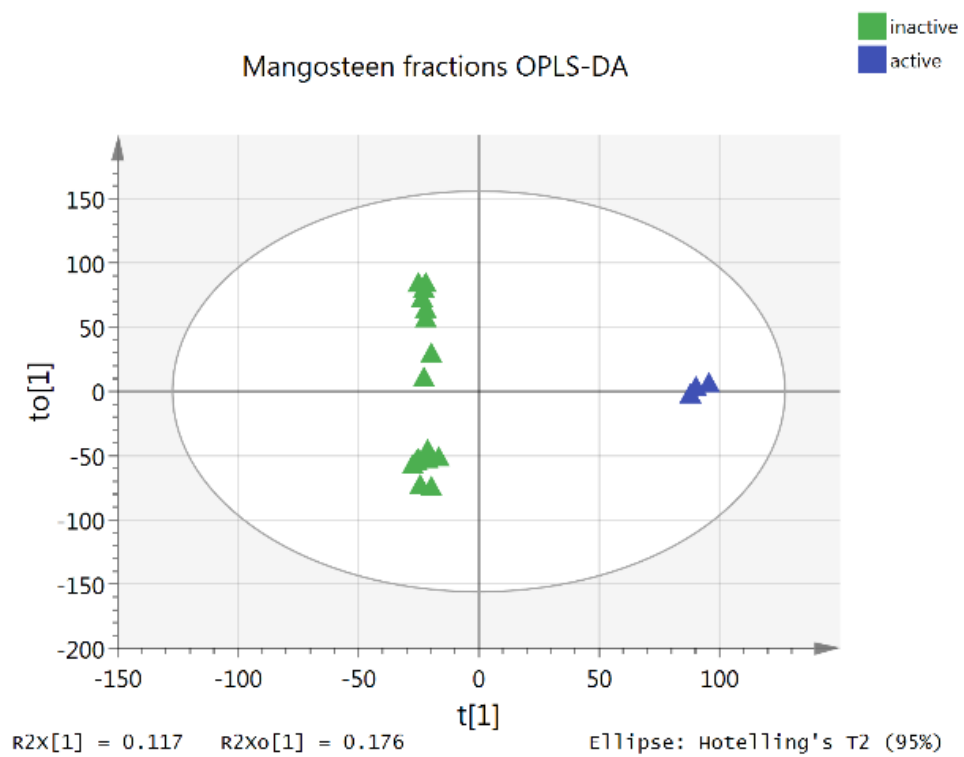


Figure S2. Total ion chromatograph (TIC) of crude extract of mangosteen pericarp at both positive and negative mode.

A



B

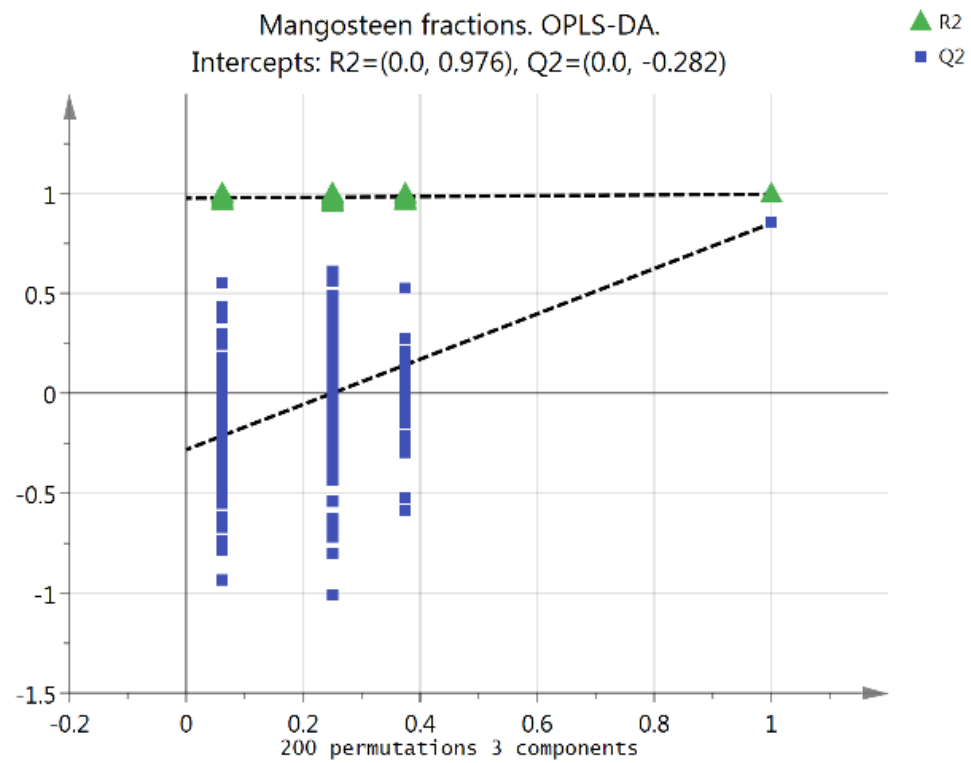


Figure S3. OPLS-DA scores plots of inactive and active fractions (A) and permutation test for the OPLS-DA models (B).

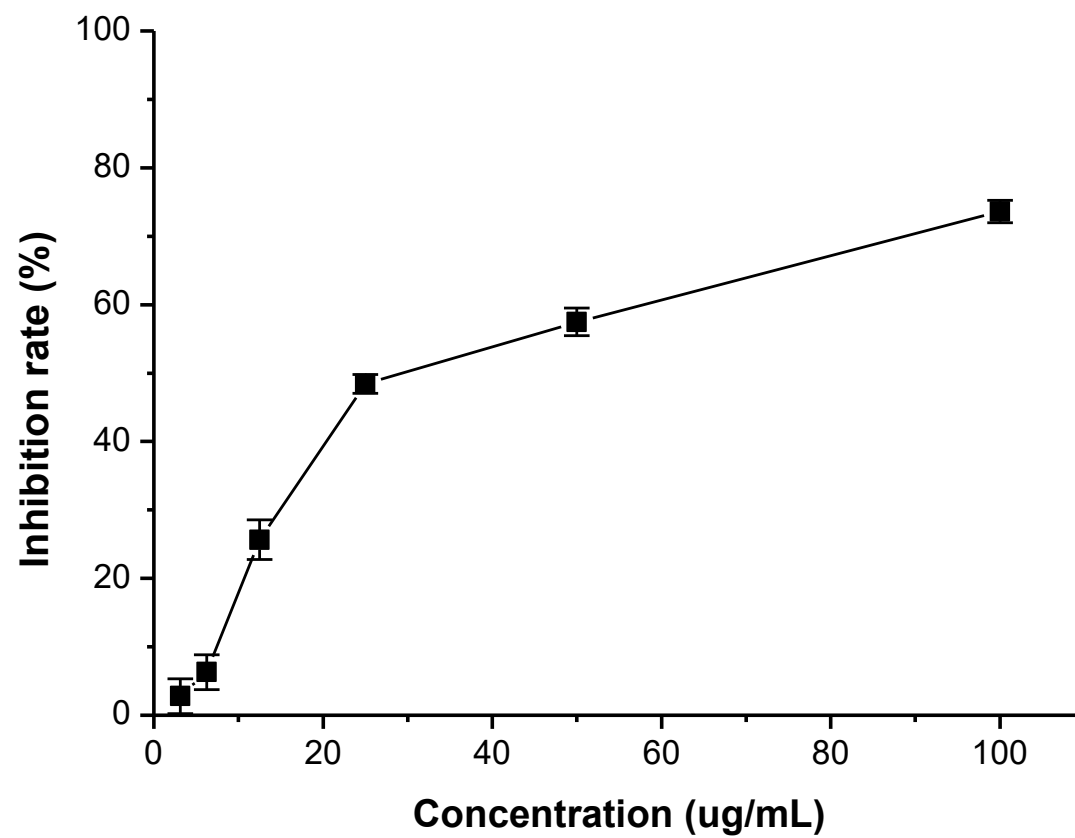


Figure S4. Inhibition Effect of γ -mangostin against *R. solanacearum*.

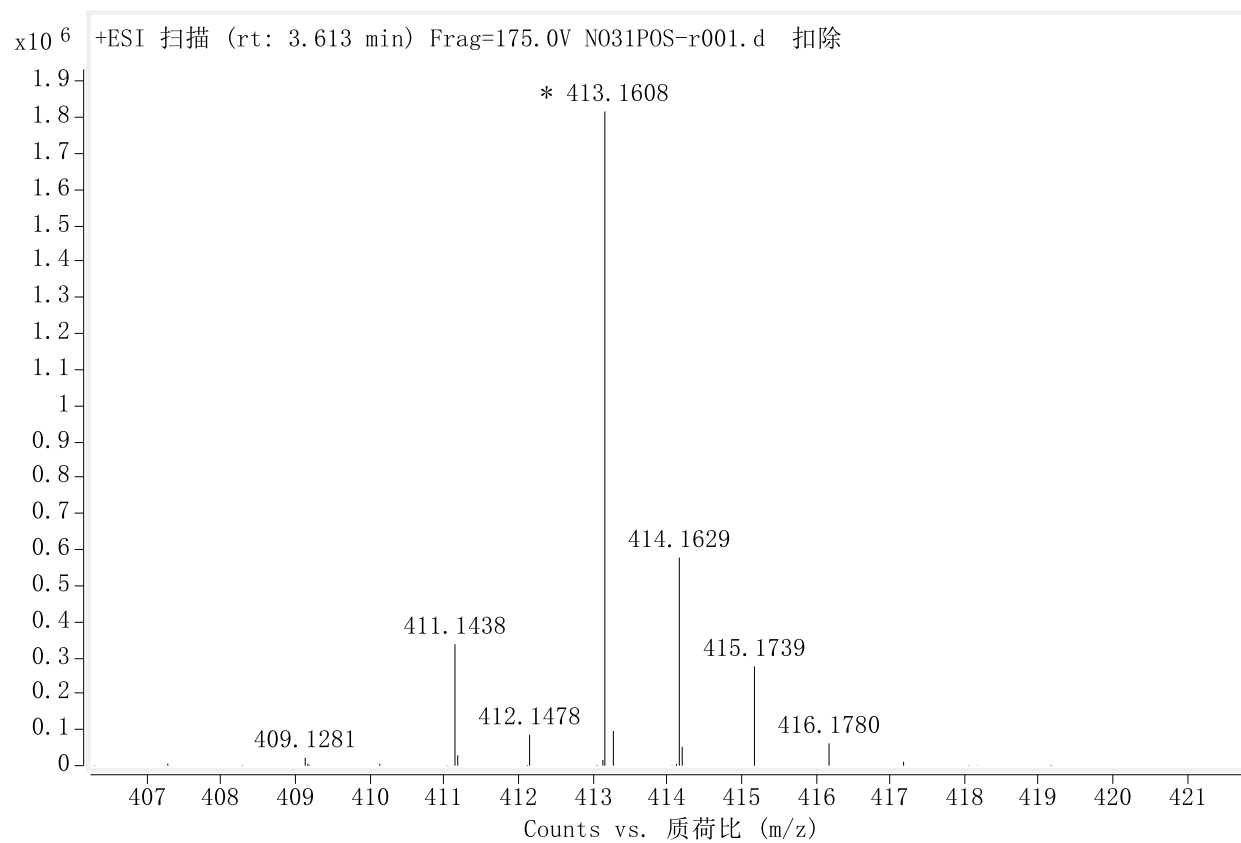


Figure S5. HR-MS of compound **5**

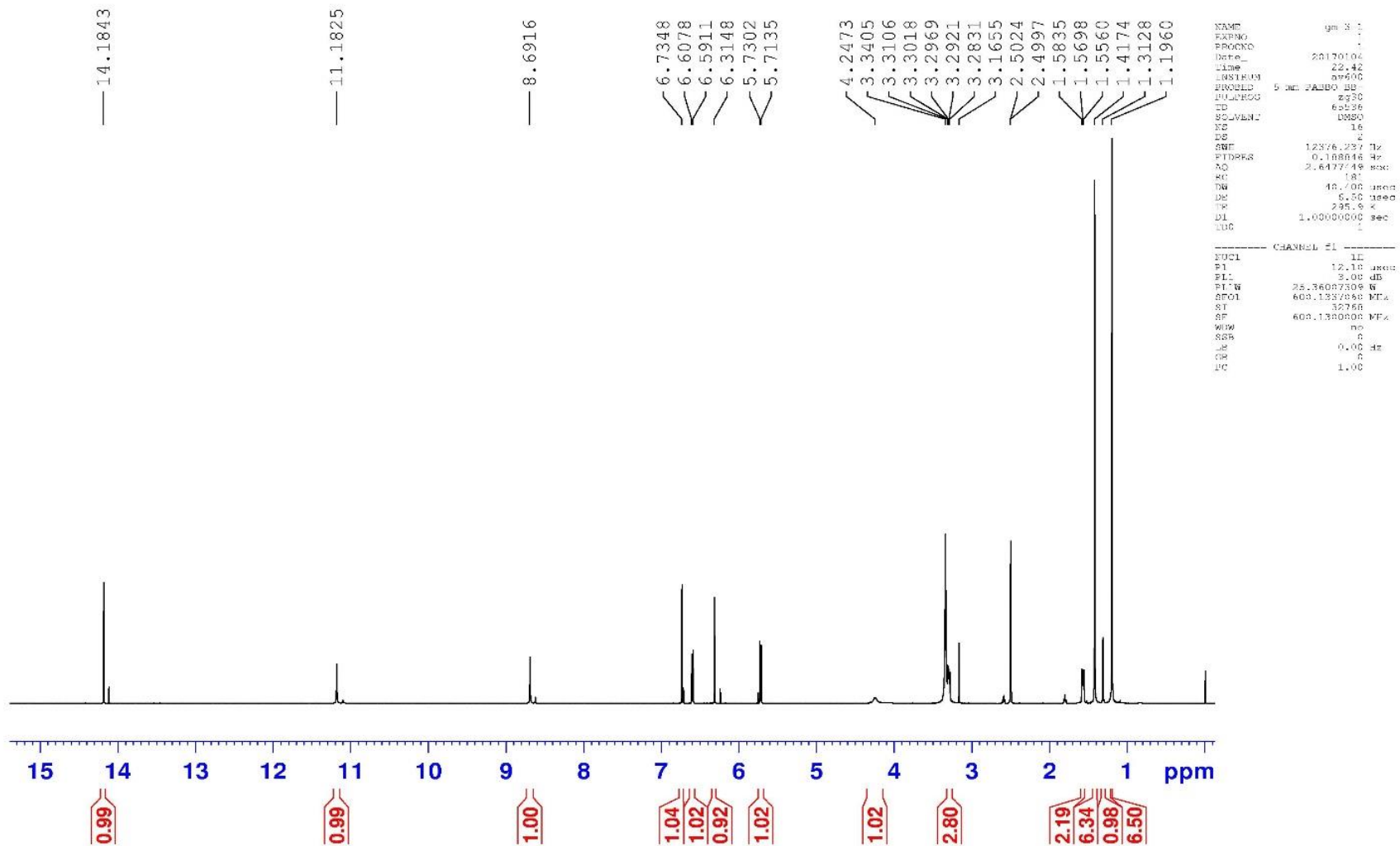


Figure S6. ¹H NMR of compound **5**.

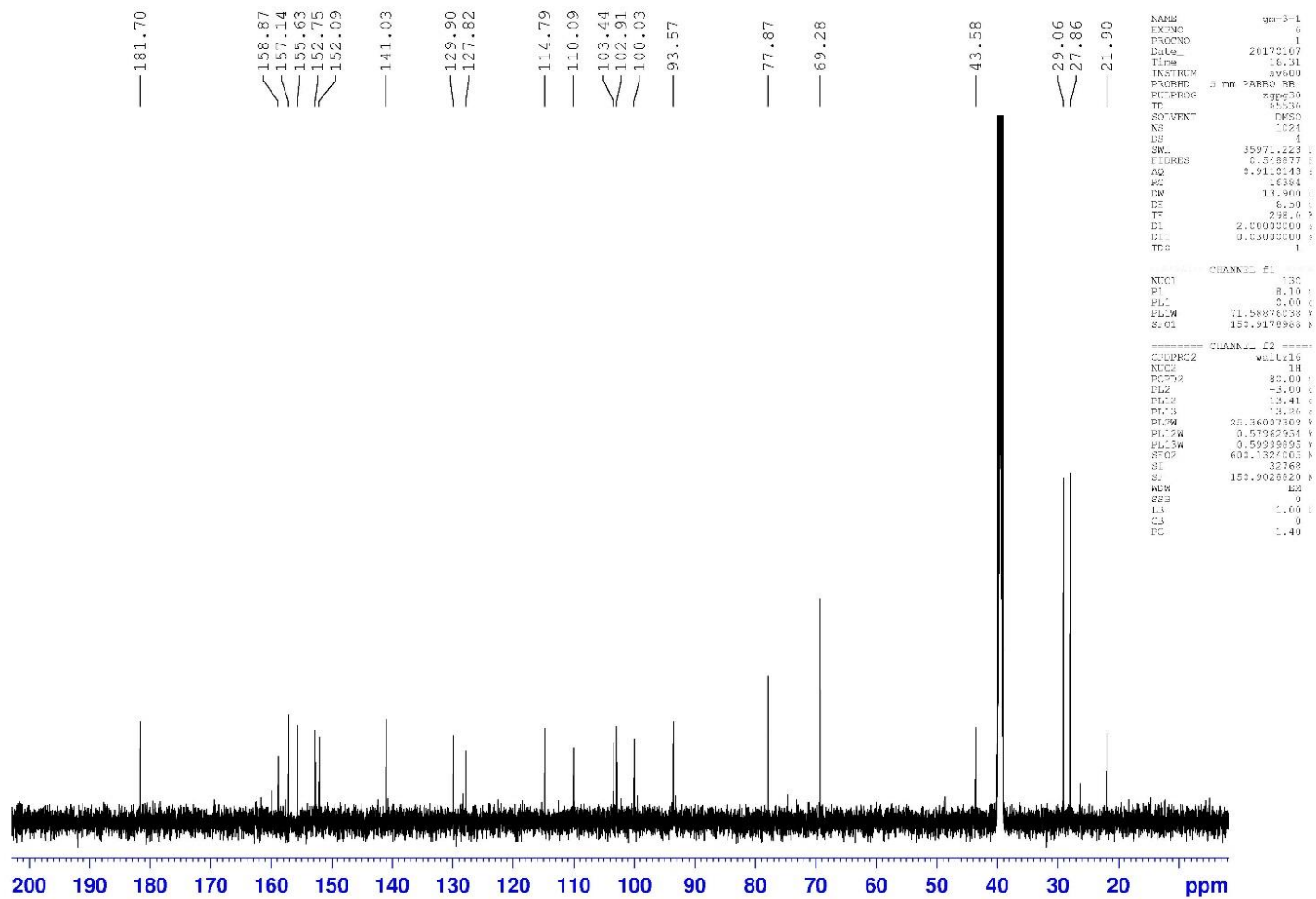


Figure S7. ^{13}C NMR of compound 5.

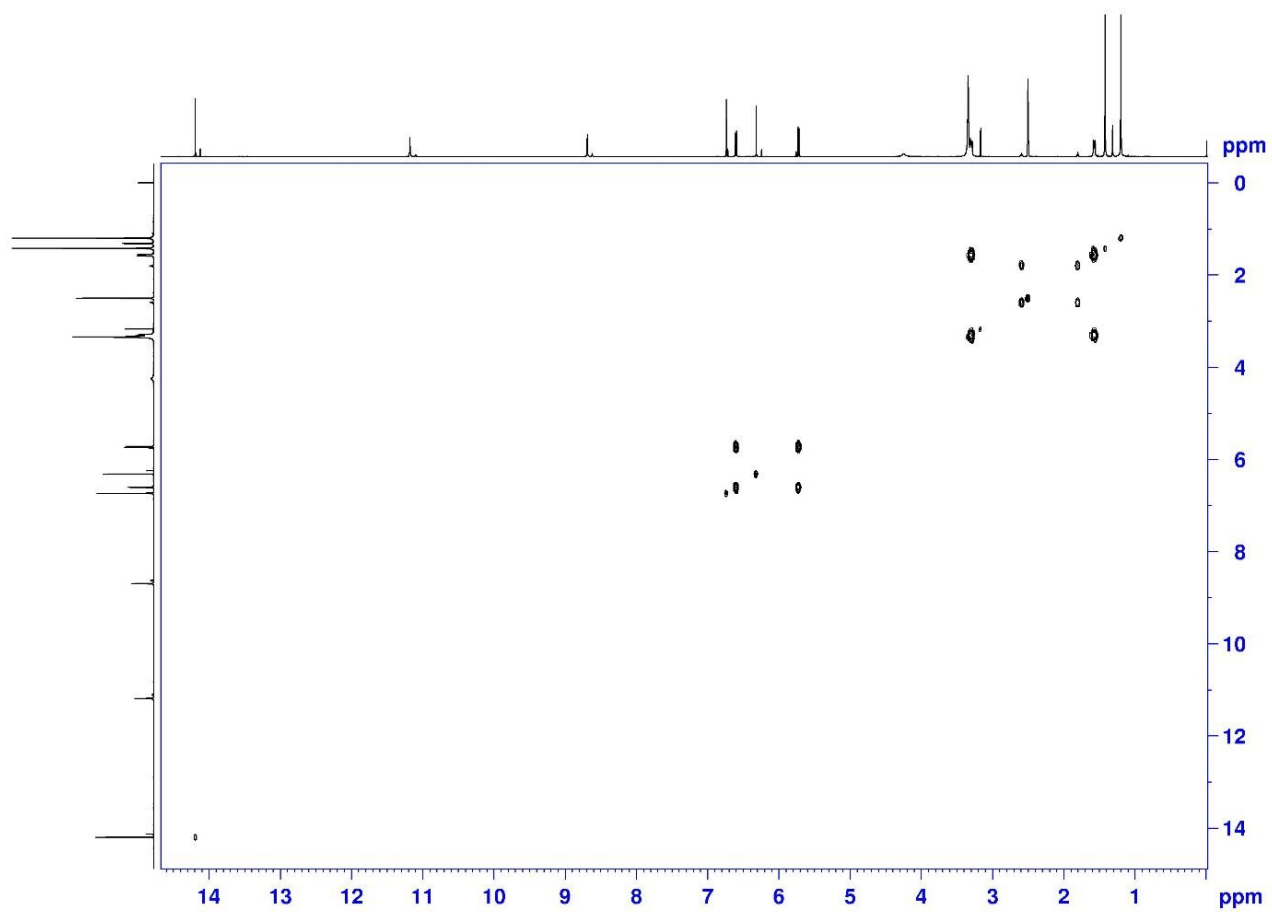


Figure S8. ^1H - ^1H COSY of compound 5.

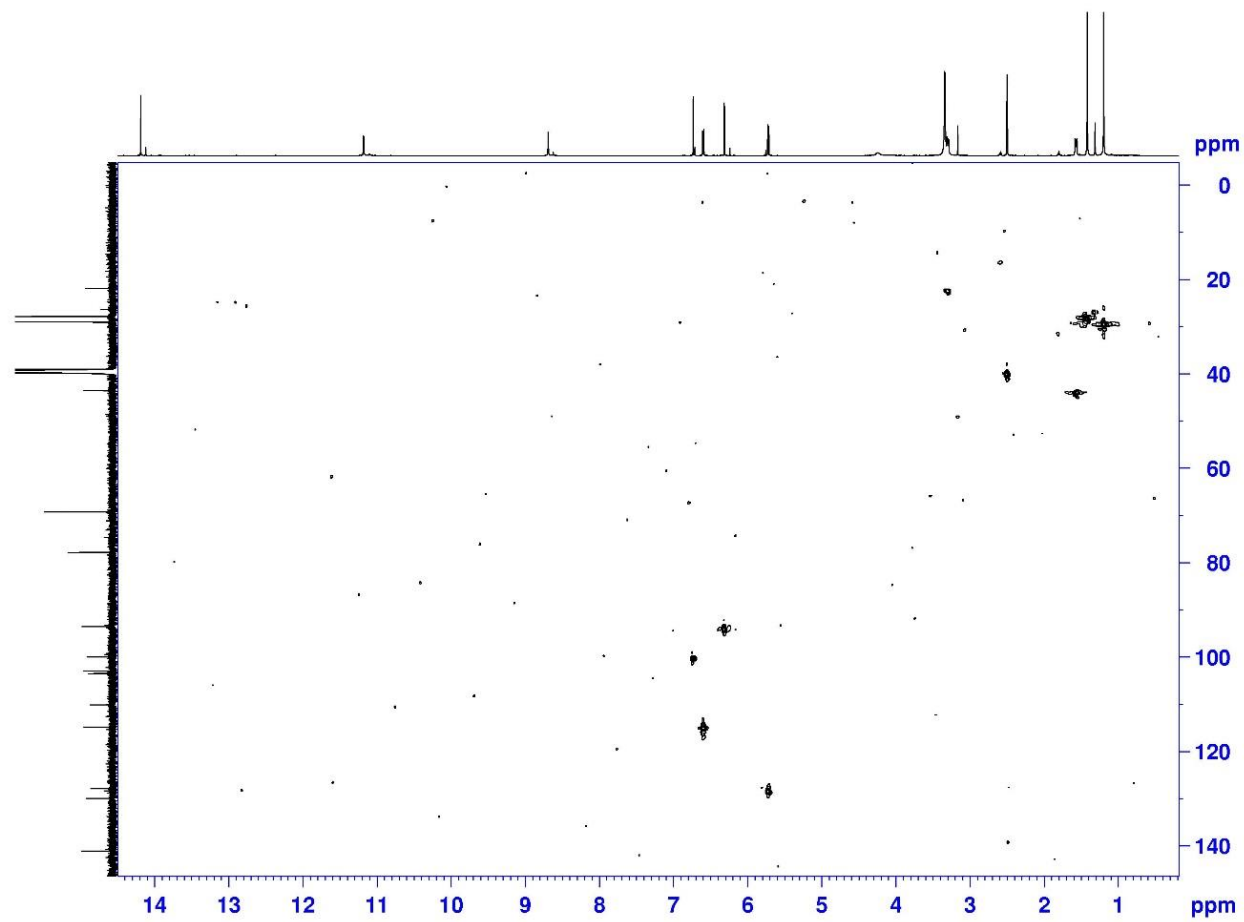


Figure S9. HSQC of compound 5.

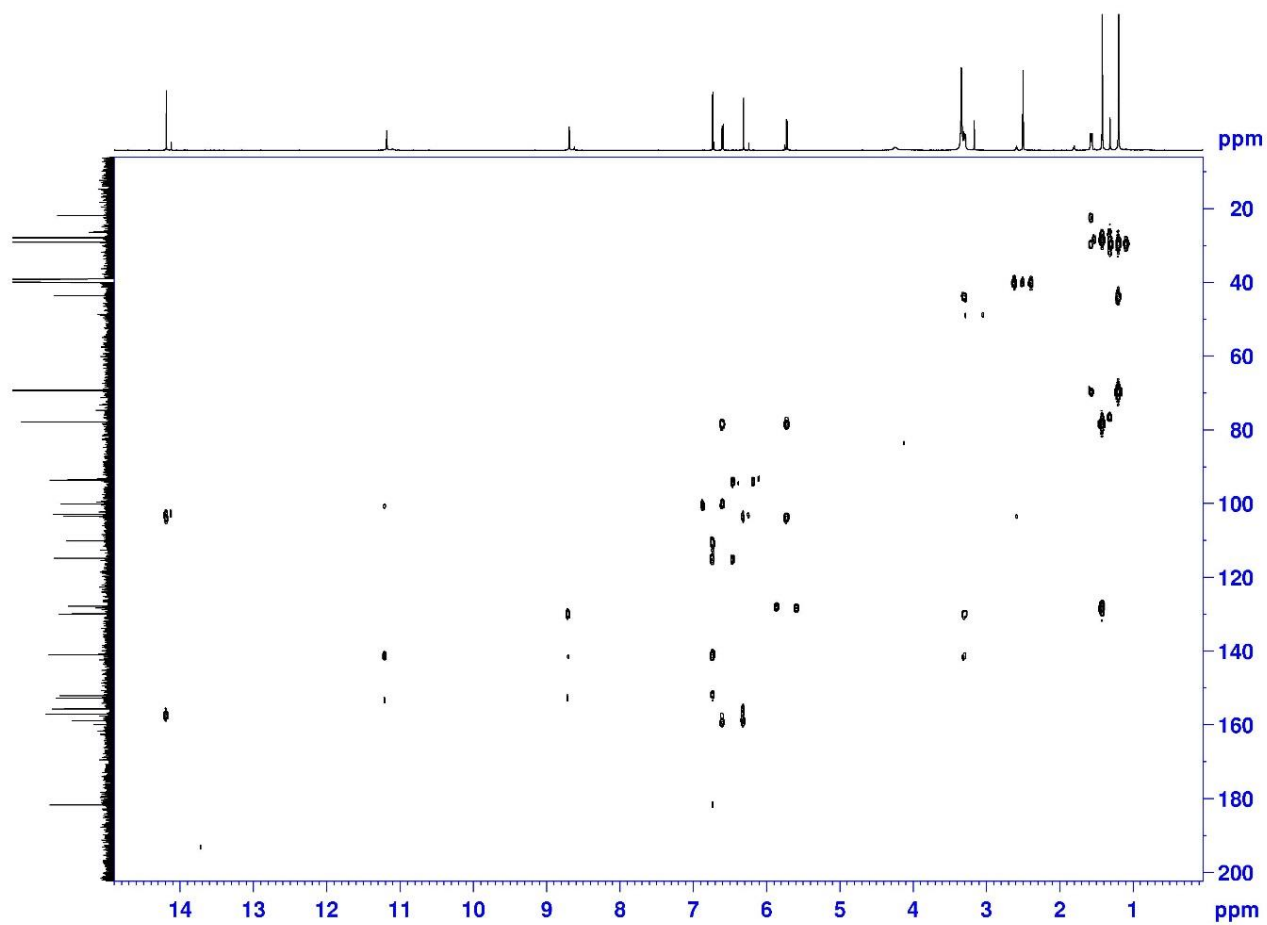


Figure S10. HMBC of compound 5.

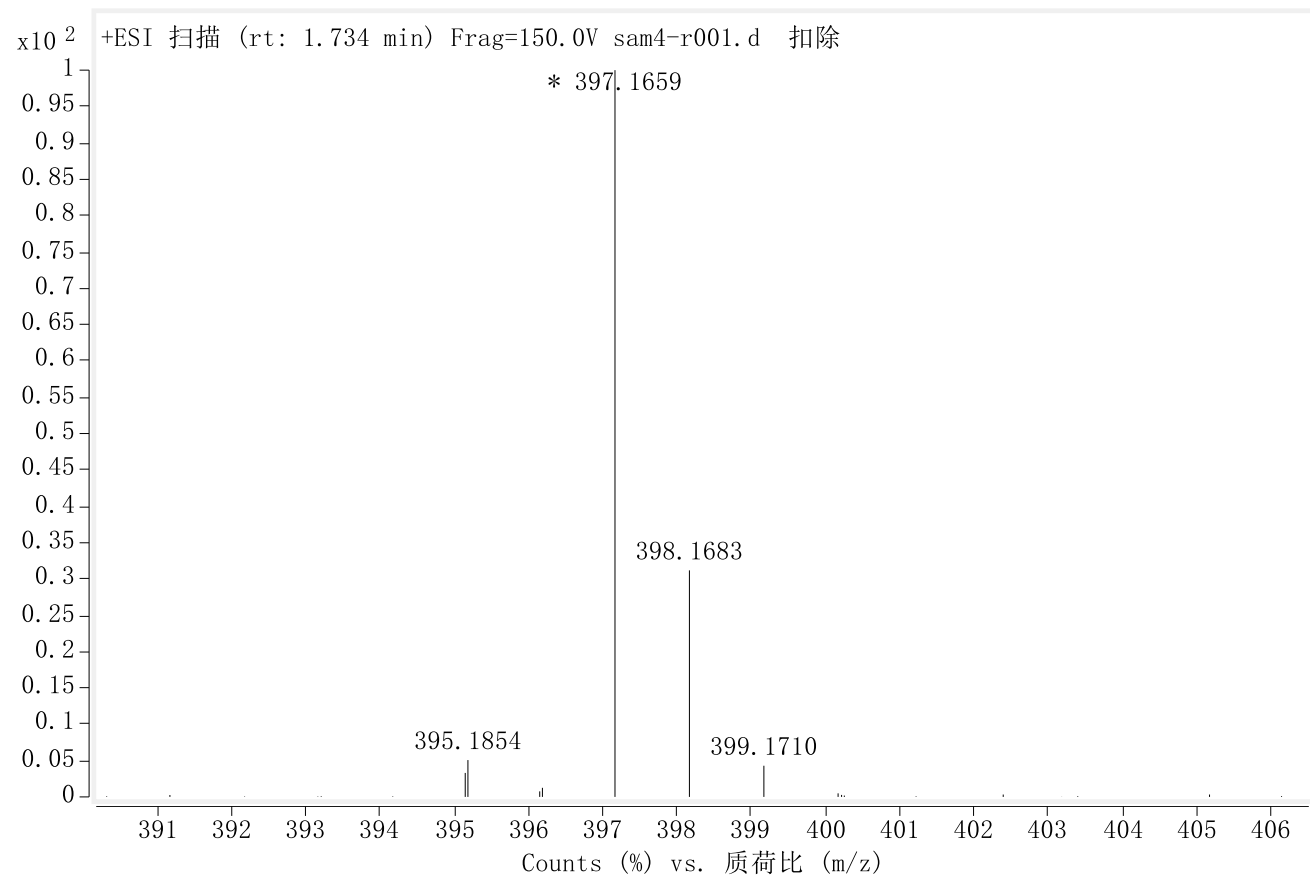


Figure S11. HR-MS of compound **6**

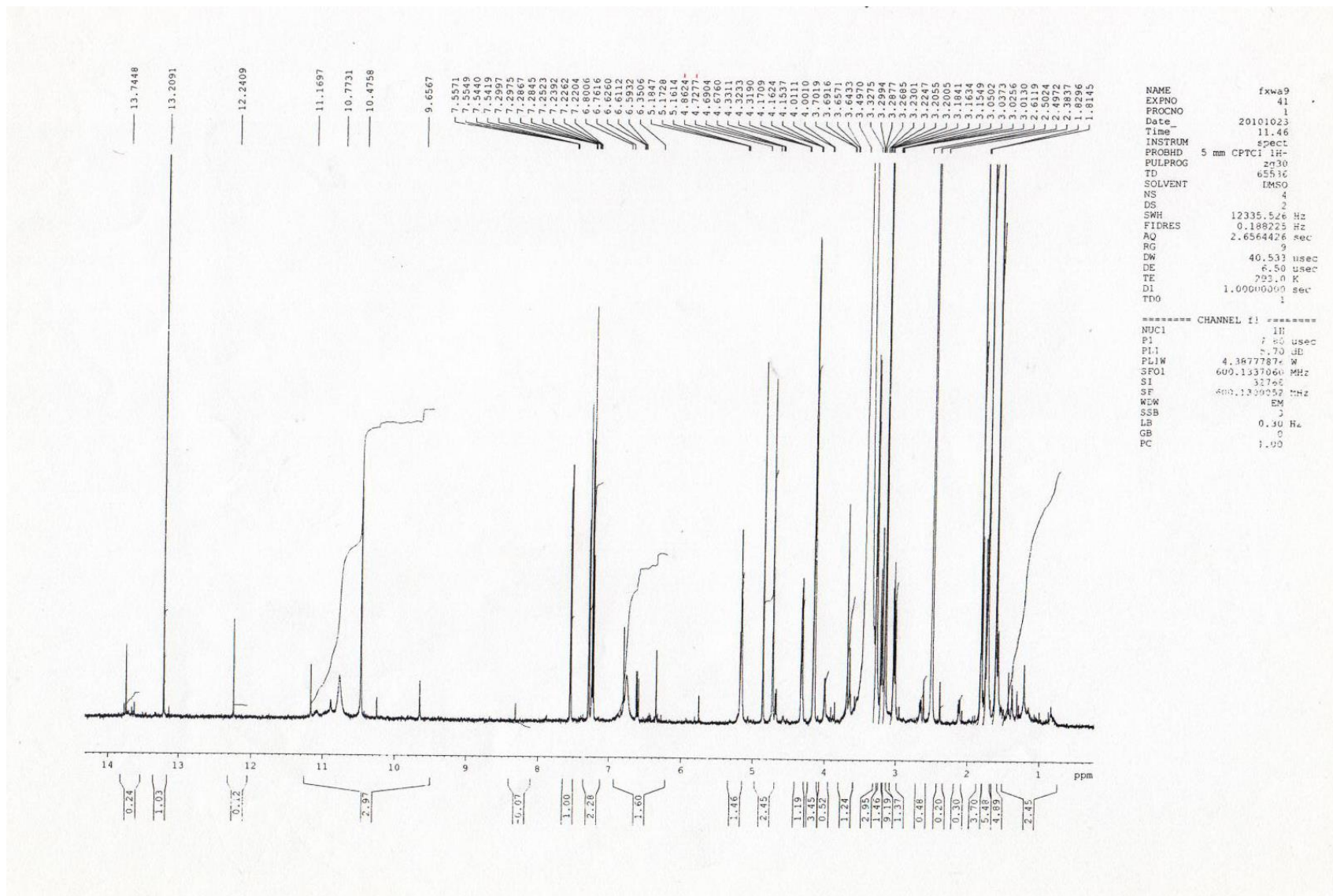


Figure S12. ¹H NMR of compound 6.

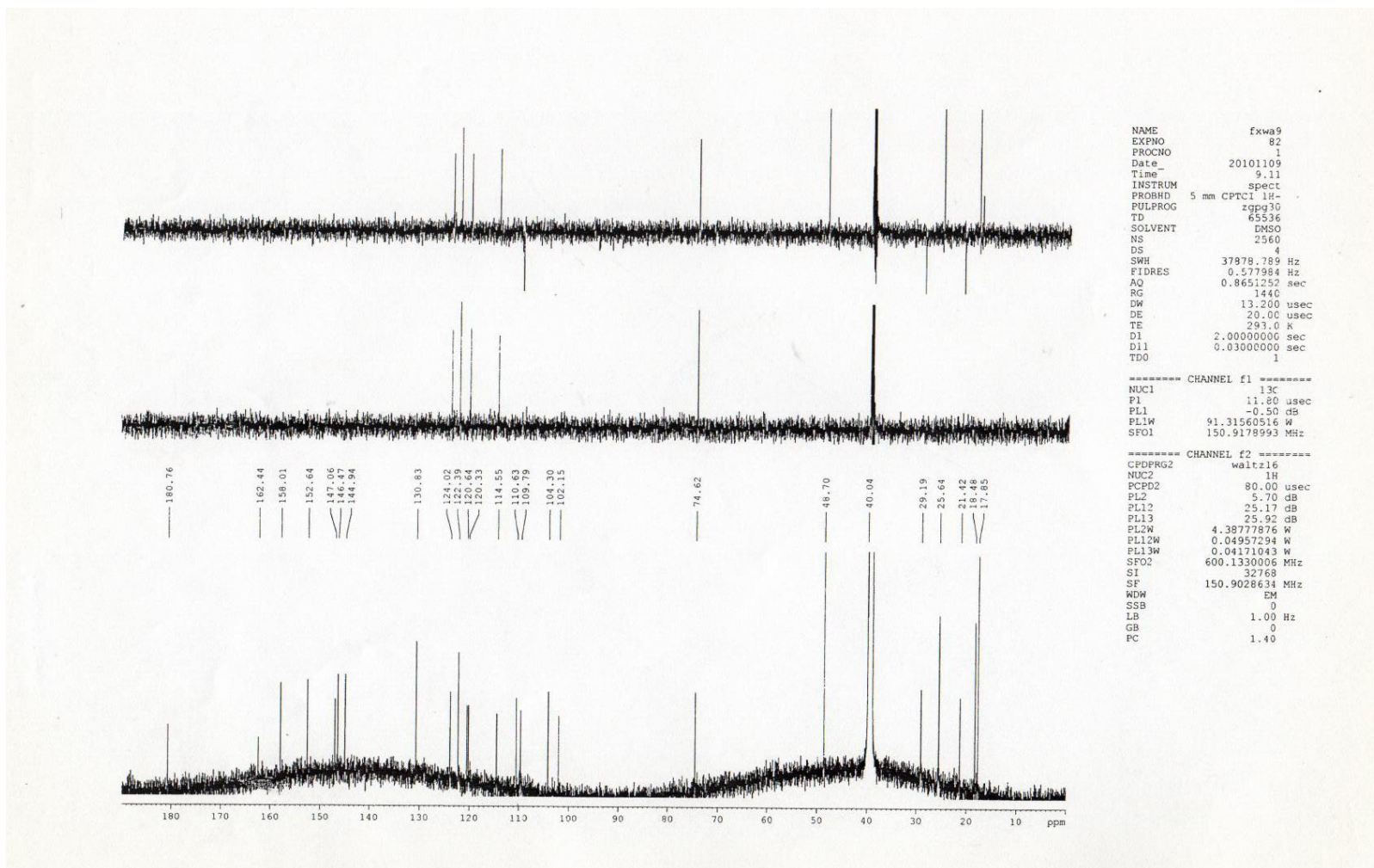


Figure S13. ¹³C NMR of compound **6**.

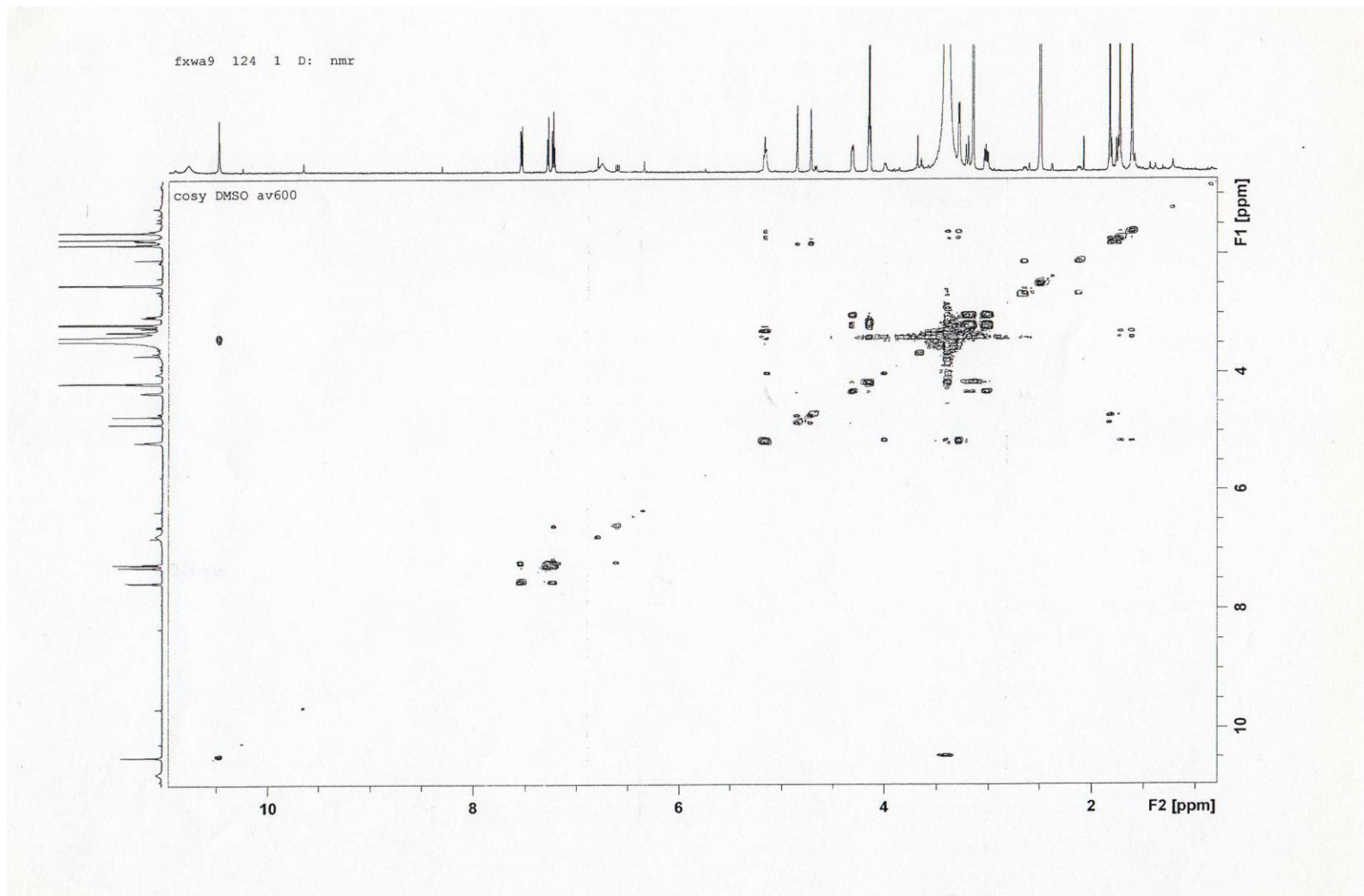


Figure S14. ^1H - ^1H COSY of compound **6**.

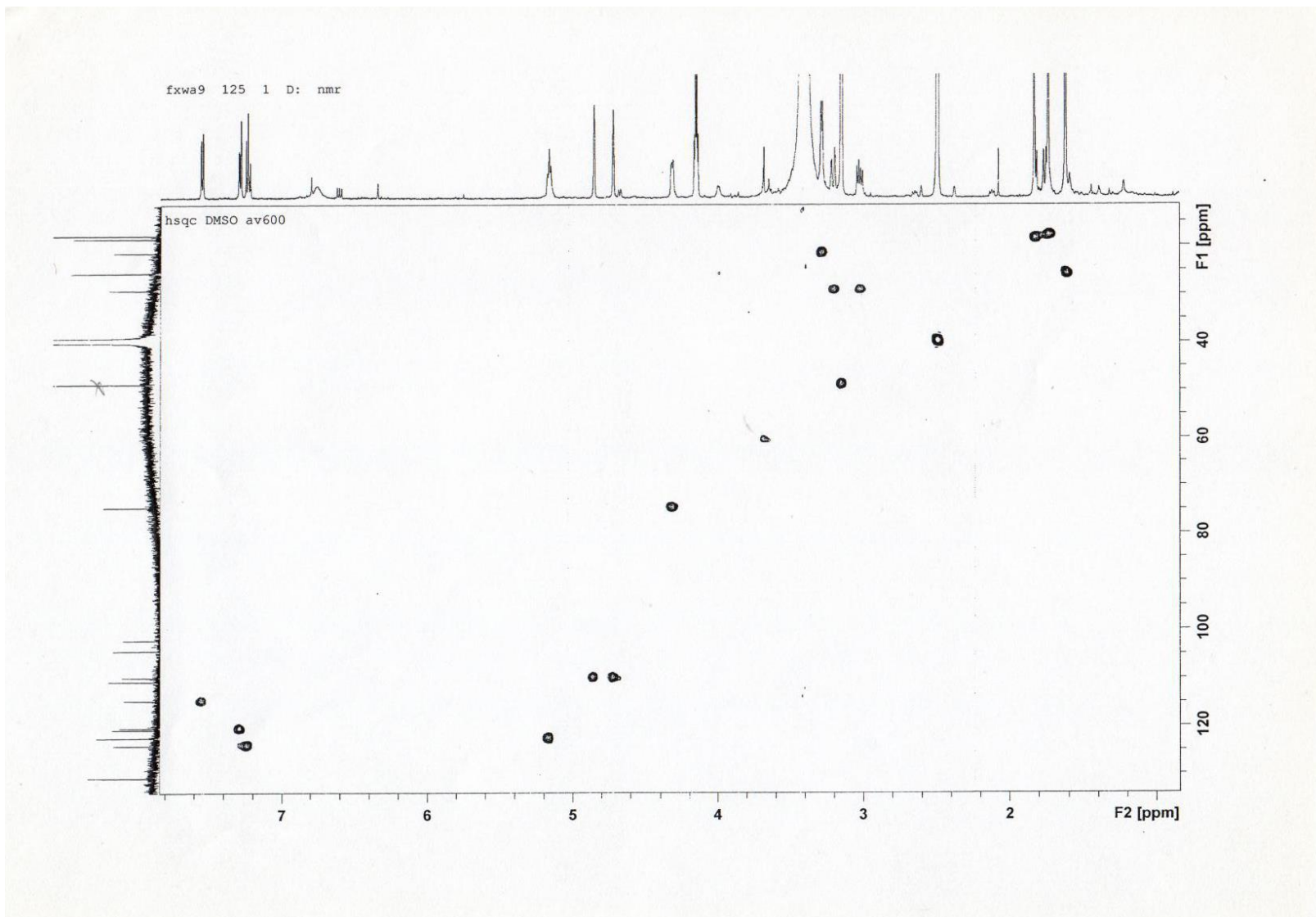


Figure S15. HSQC of compound **6**.

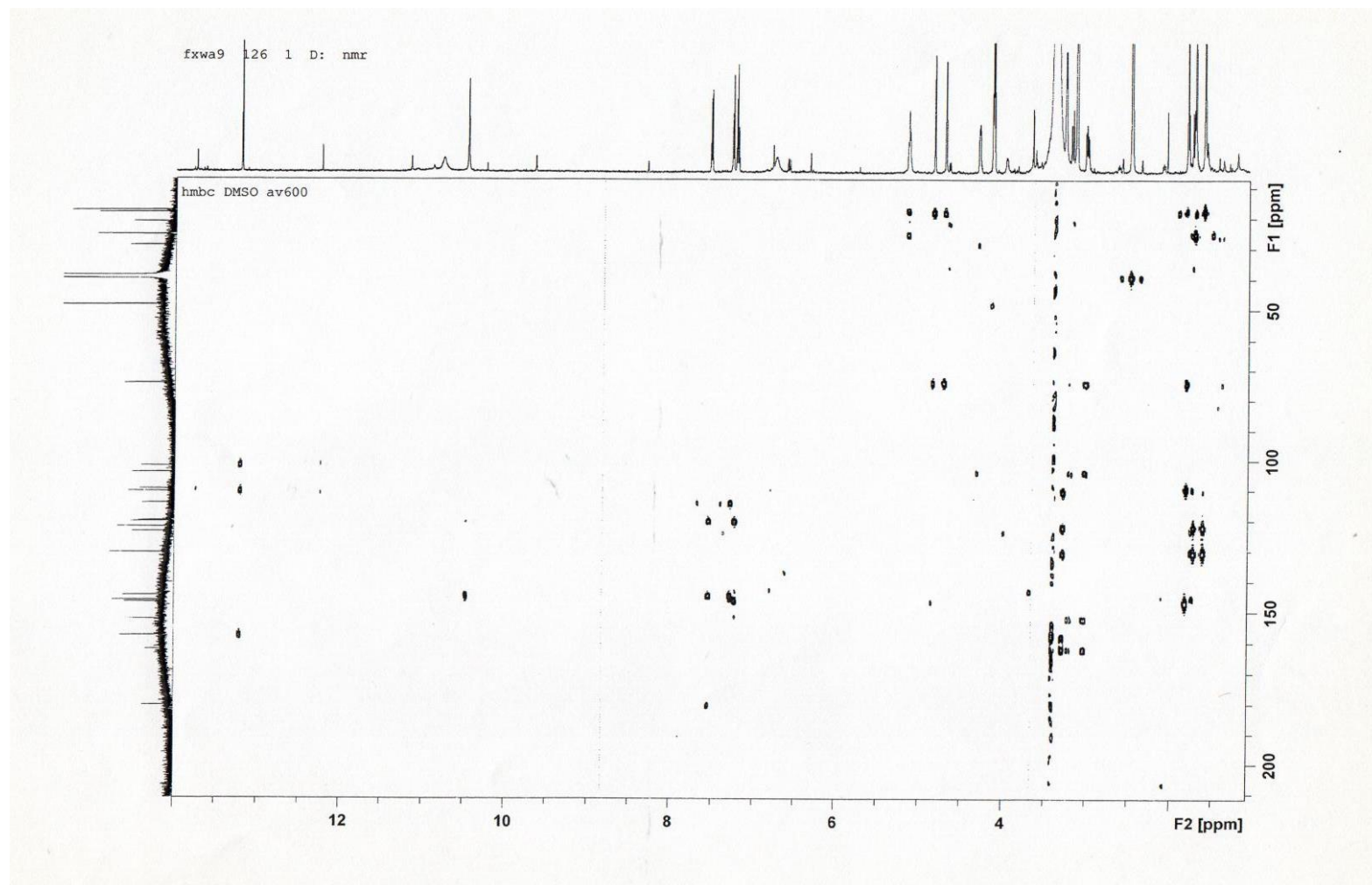


Figure S16. HMBC of compound 6.