

Supplementary Materials: Secondary Metabolites of the Endophytic Fungus *Lachnum abnorme* from *Ardisia cornudentata*

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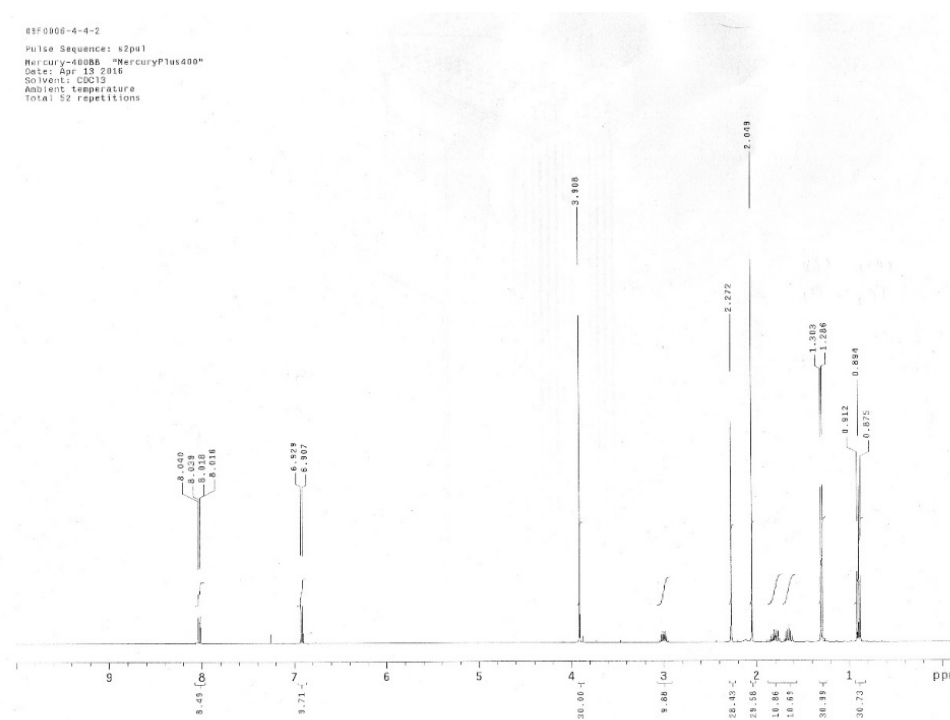


Figure S1. ^1H NMR spectrum of lachnochromonin C (**1**) in CDCl_3 at 400 MHz.

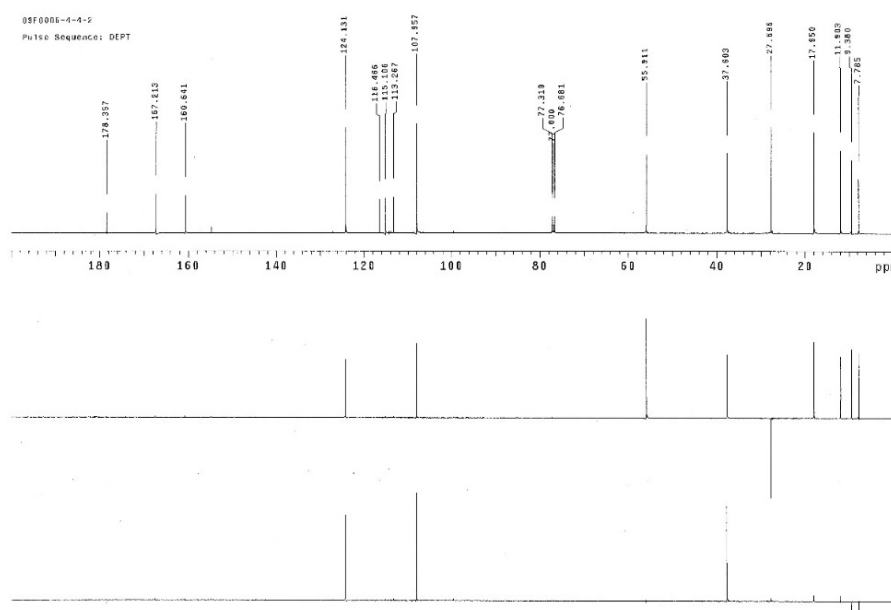


Figure S2. DEPT spectrum of lachnochromonin C (**1**) in CDCl_3 at 100 MHz.

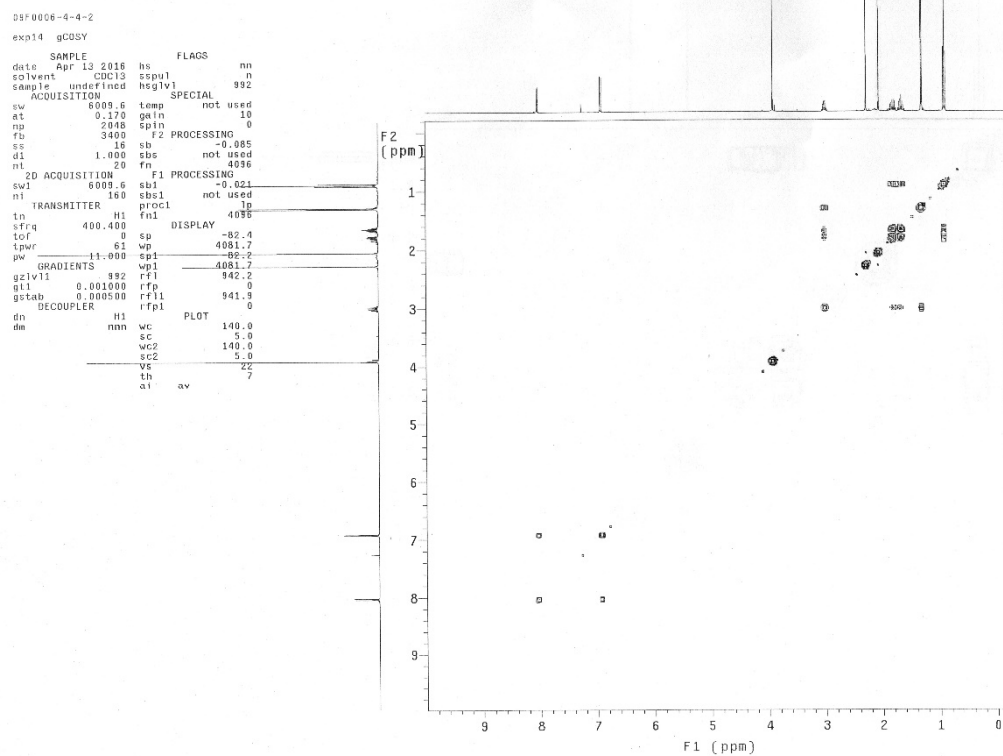


Figure S3. COSY spectrum of lachnochromonin C (1).

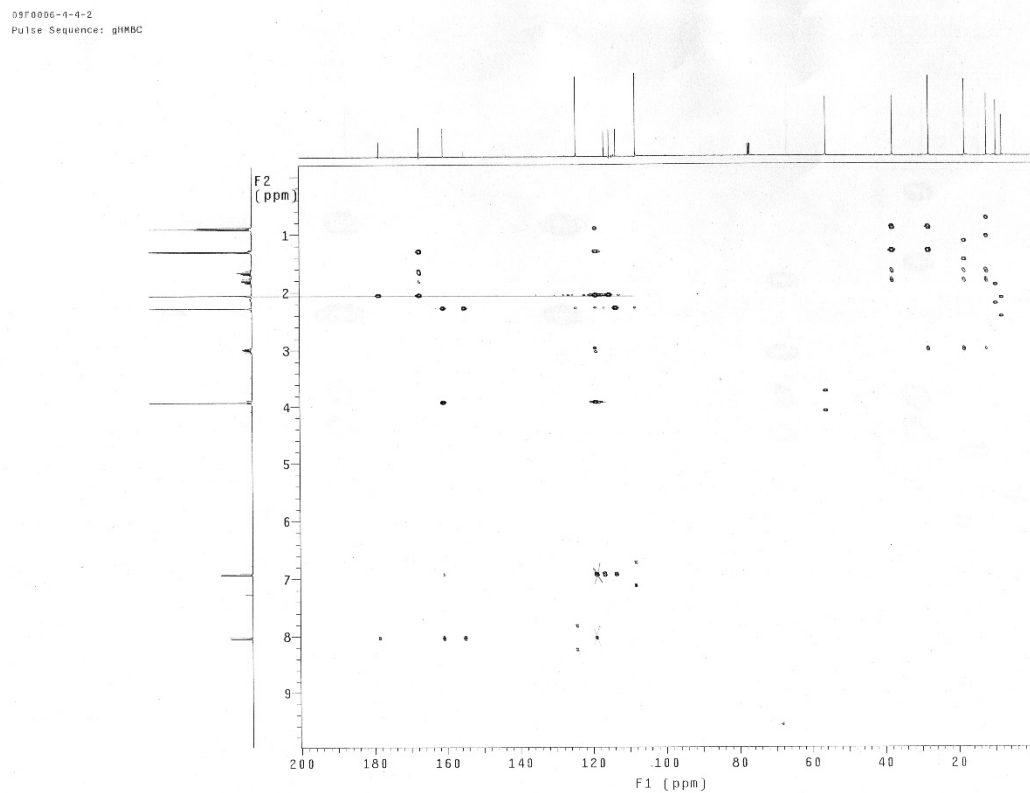


Figure S4. HMBC spectrum of lachnochromonin C (1).

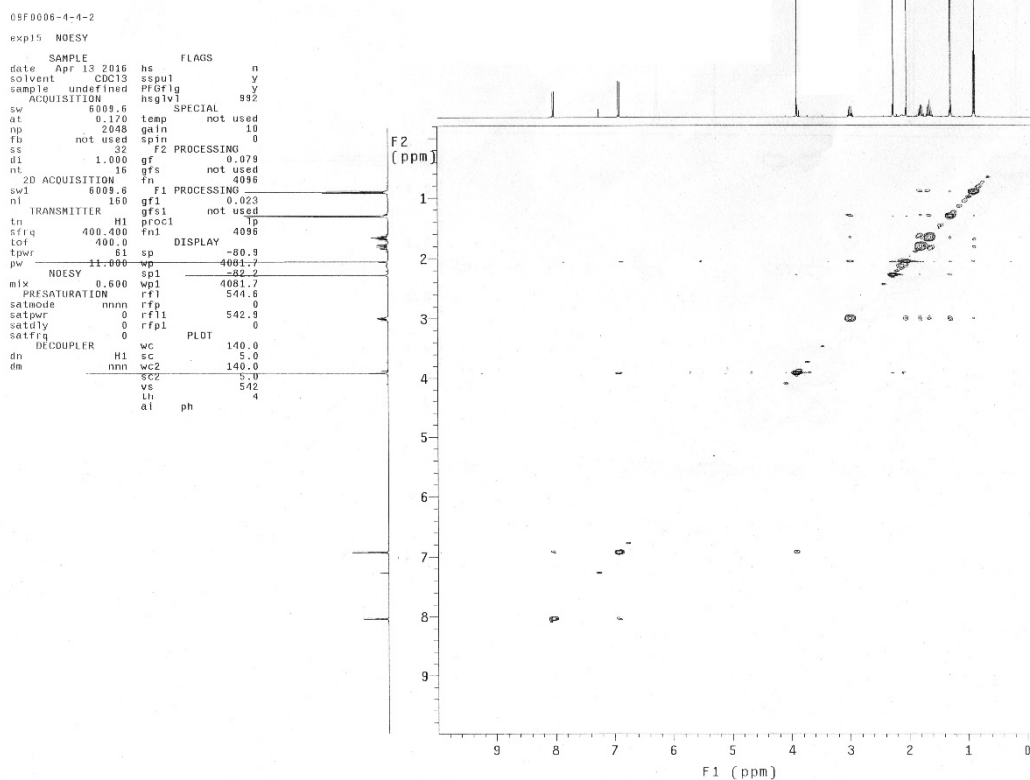
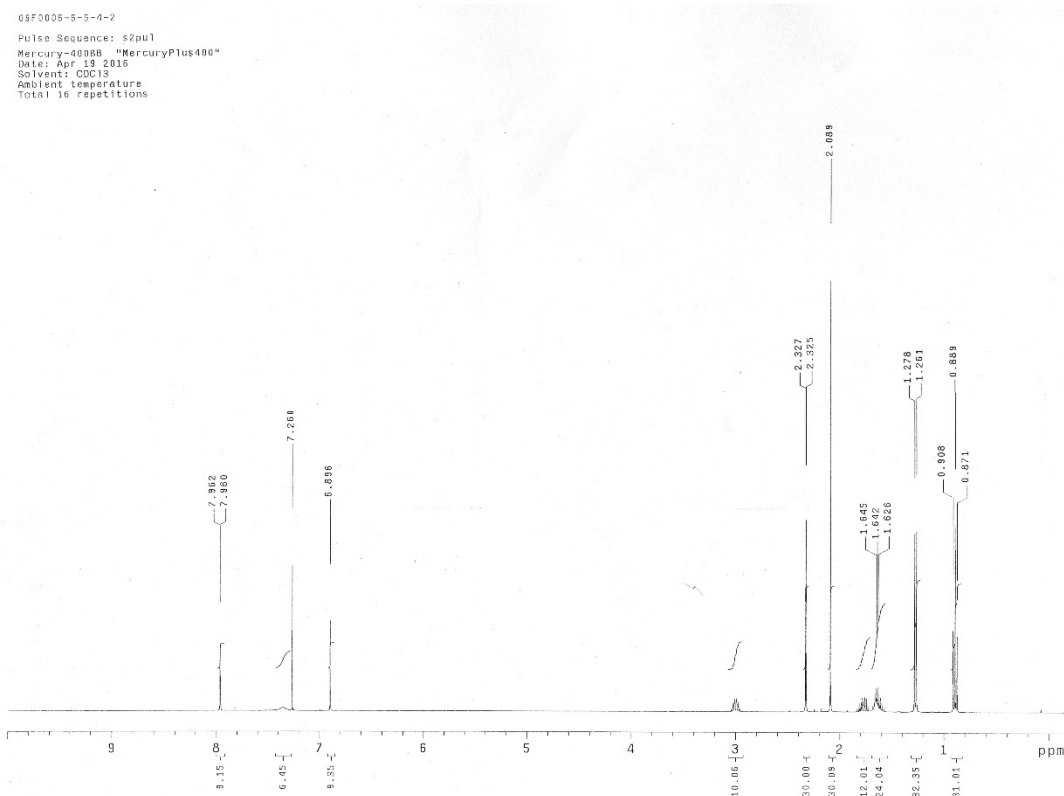


Figure S5. NOESY spectrum of lachnochromonin C (1).

Figure S6. ^1H NMR spectrum of lachnochromonin D (2) in CDCl_3 at 400 MHz.

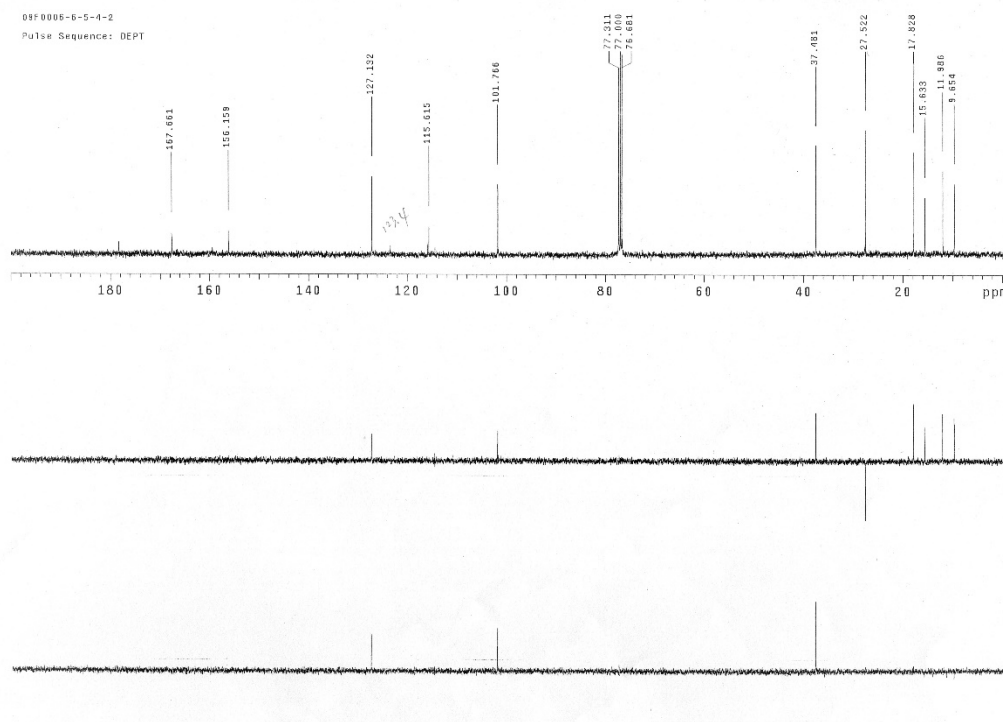


Figure S7. DEPT spectrum of lachnochromonin D (2) in CDCl₃ at 100 MHz.

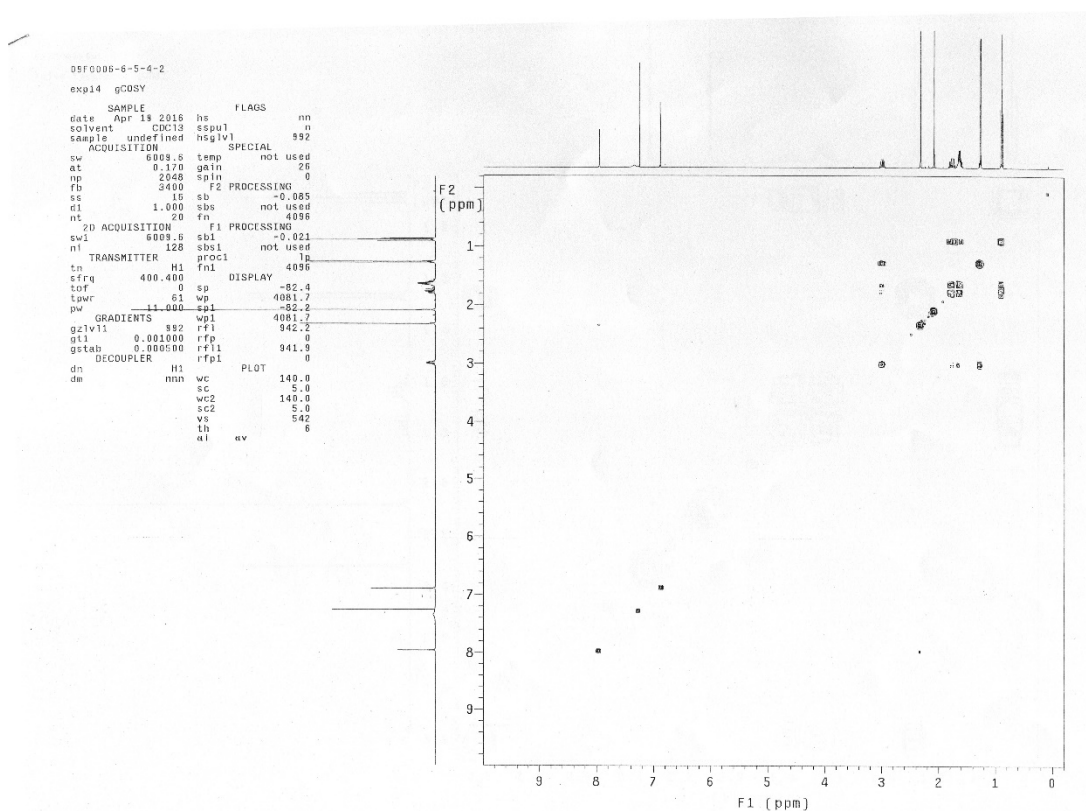


Figure S8. COSY spectrum of lachnochromonin D (2).

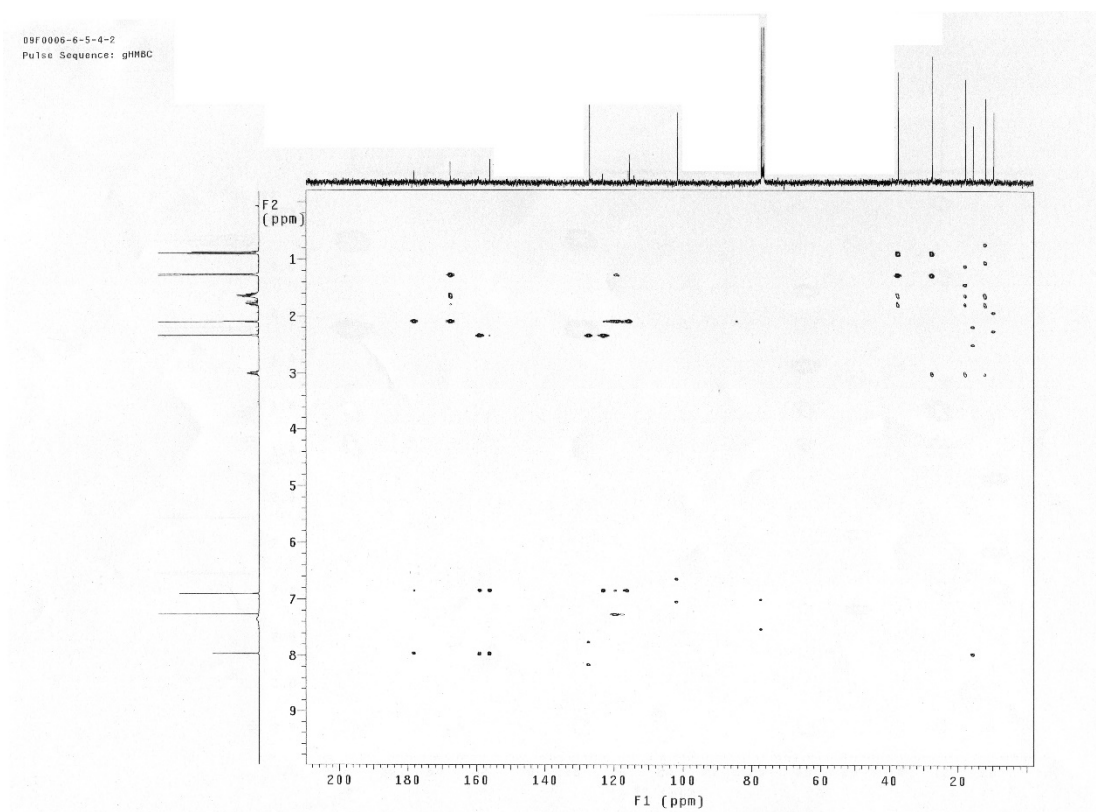


Figure S9. HMBC spectrum of lachnochromonin D (2).

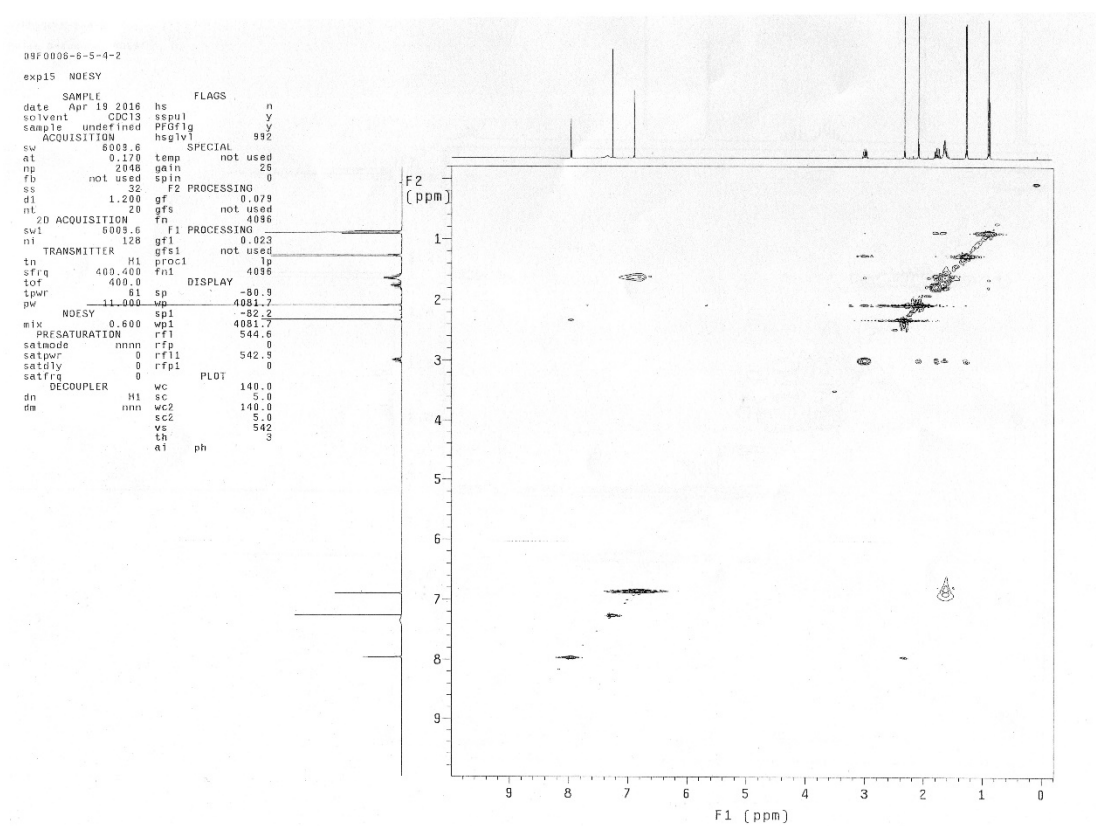
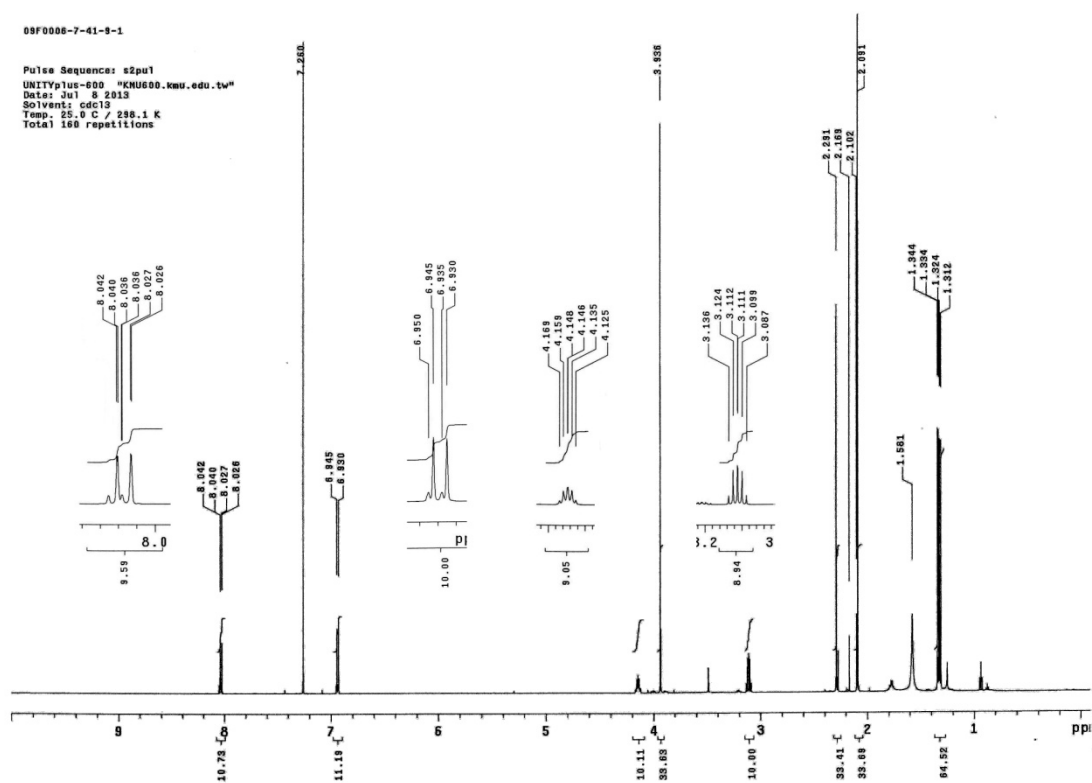
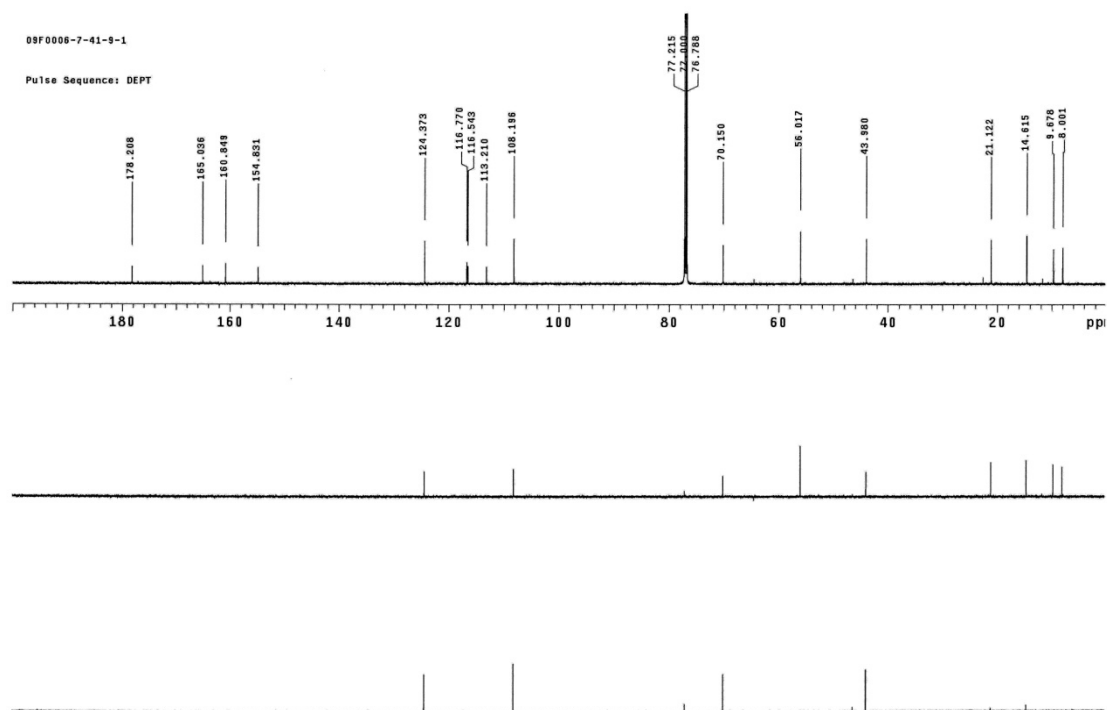


Figure S10. NOESY spectrum of lachnochromonin D (2).

Figure S11. ^1H NMR spectrum of lachnochromonin E (3) in CDCl_3 at 600 MHz.Figure S12. DEPT spectrum of lachnochromonin E (3) in CDCl_3 at 150 MHz.

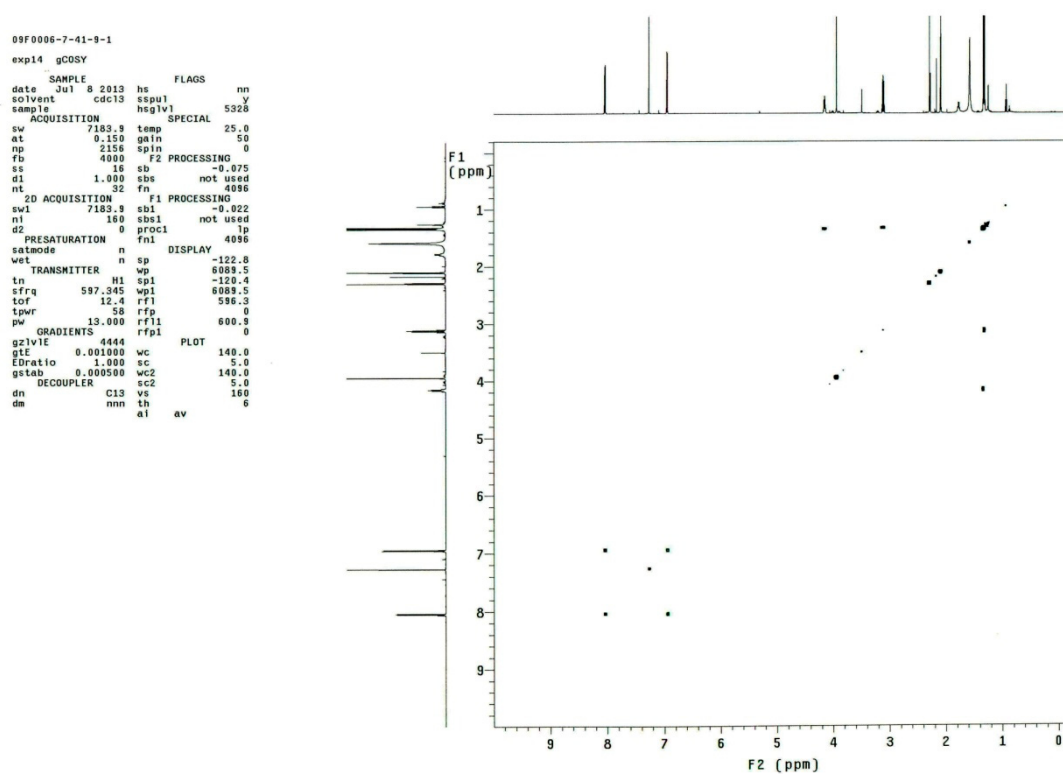


Figure S13. COSY spectrum of lachnochromonin E (3).

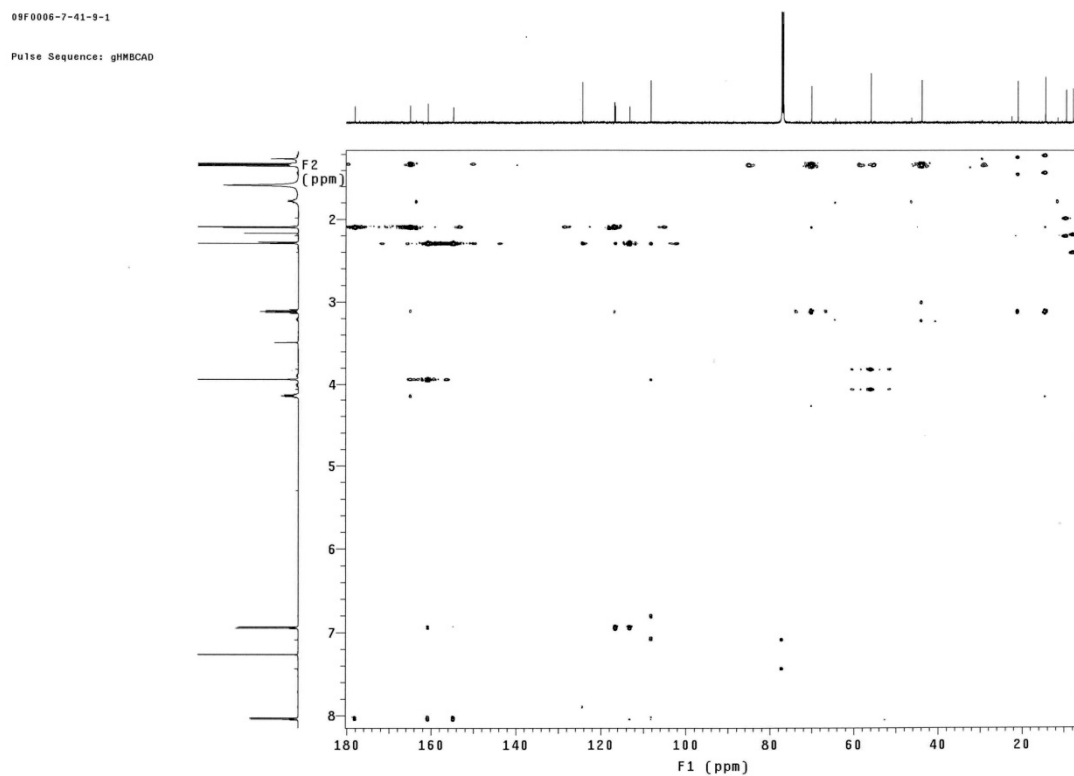


Figure S14. HMBC spectrum of lachnochromonin E (3).

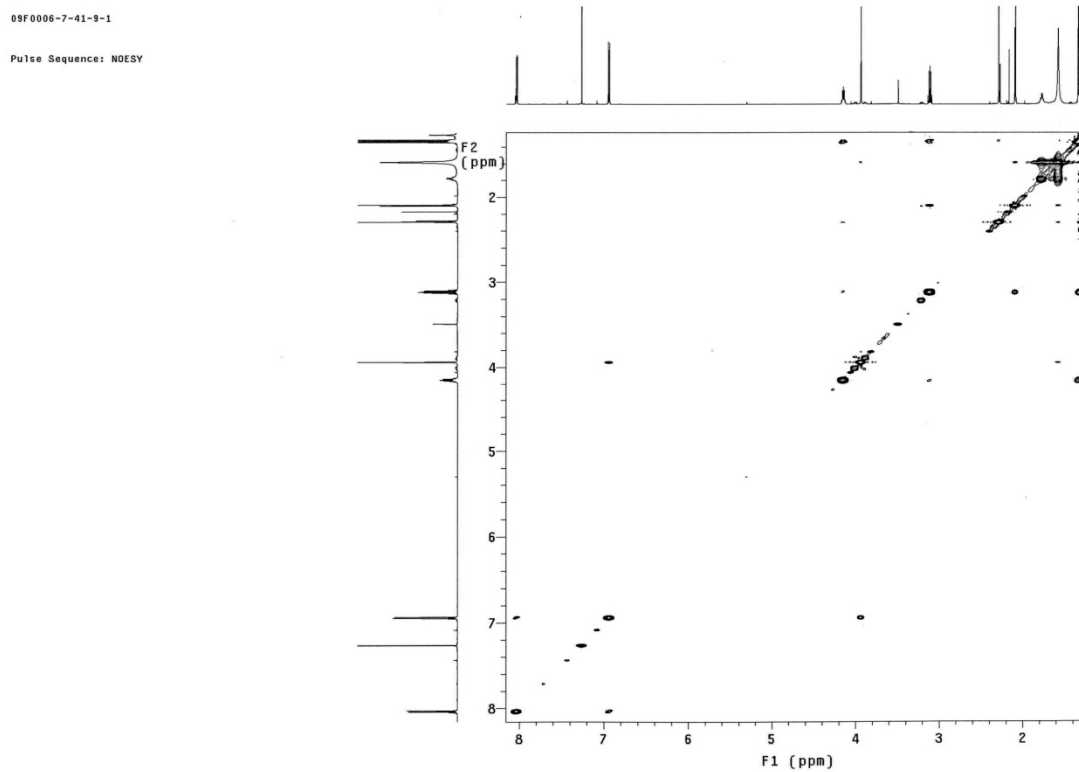
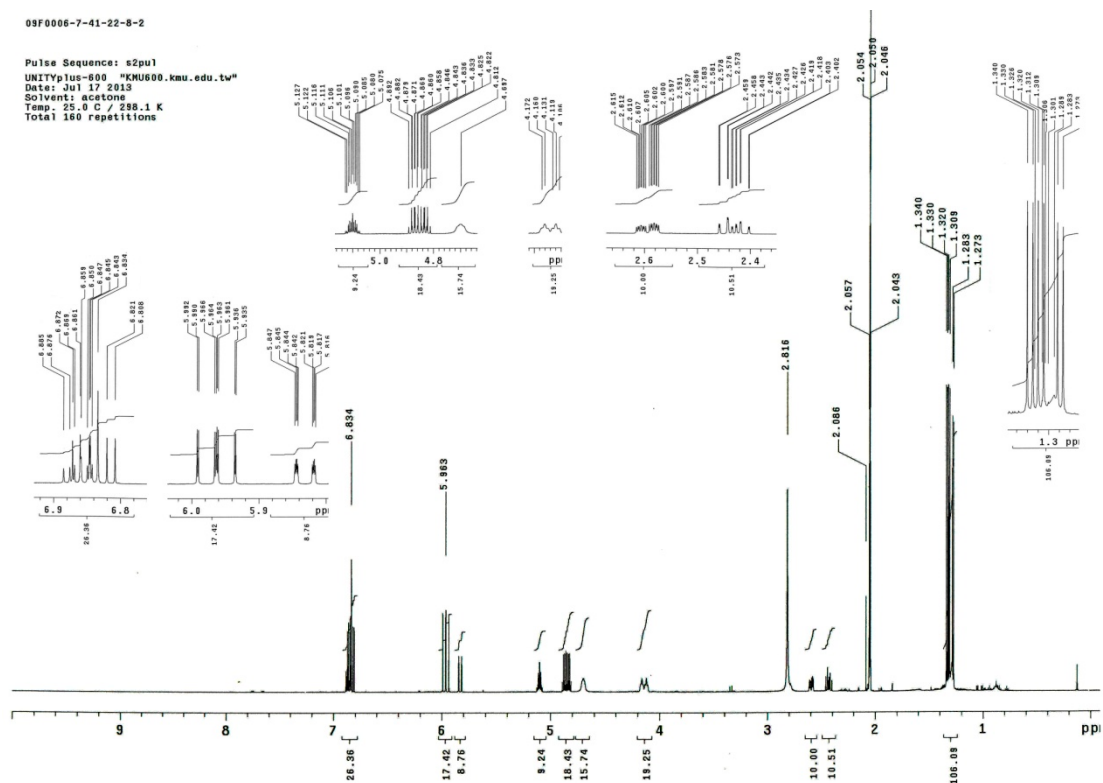
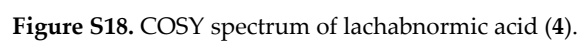
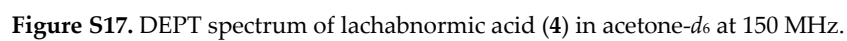


Figure S15. NOESY spectrum of lachnochromonin E (3).

Figure S16. ^1H NMR spectrum of lachabnormic acid (4) in acetone- d_6 at 600 MHz.



99F0006-7-41-22-8-2

Pulse Sequence: gHMBCAD

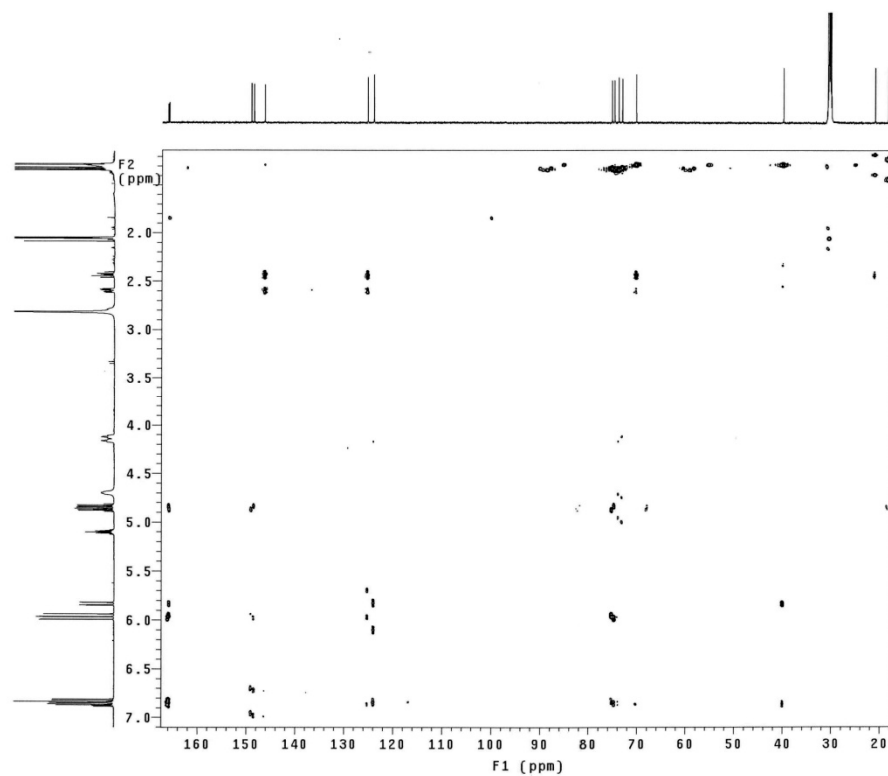


Figure S19. HMBC spectrum of lachabnormic acid (4).

09F0006-7-41-22-8-2

Pulse Sequence: NOESY

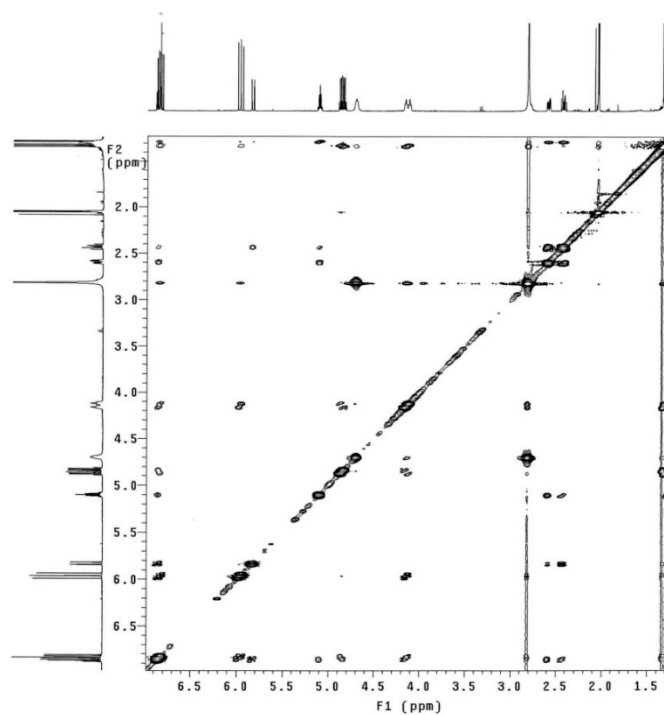
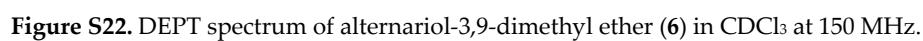
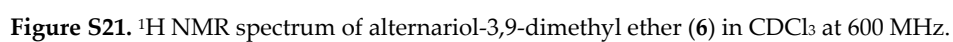


Figure S20. NOESY spectrum of lachabnormic acid (4).



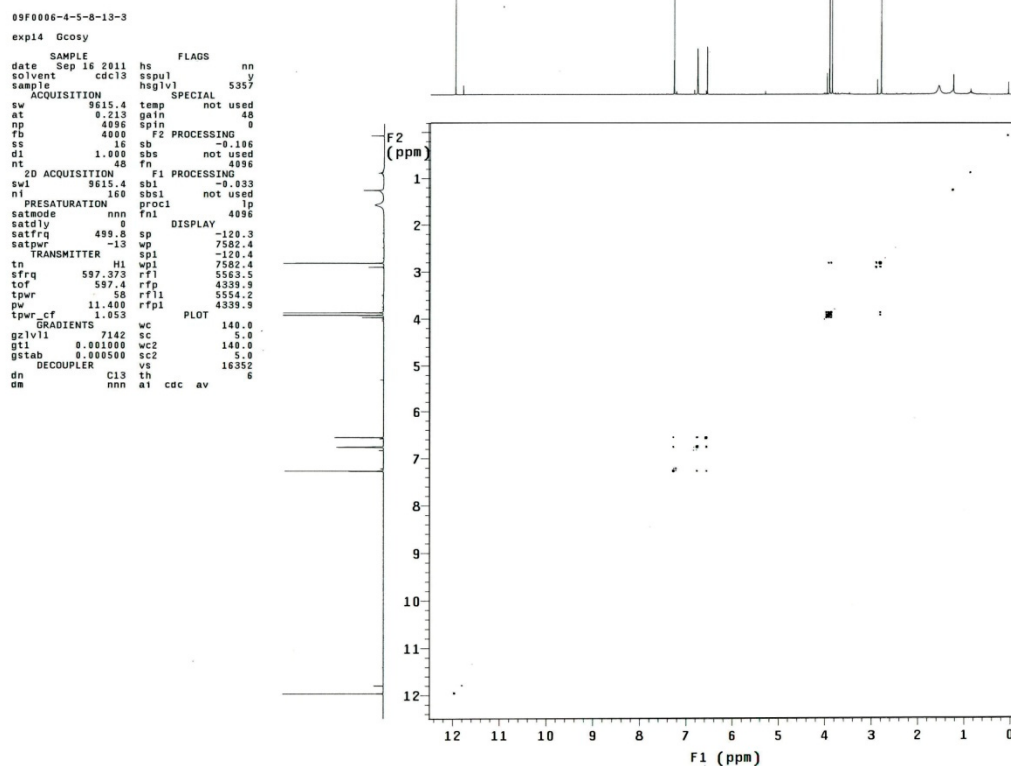


Figure S23. COSY spectrum of alternariol-3,9-dimethyl ether (6).

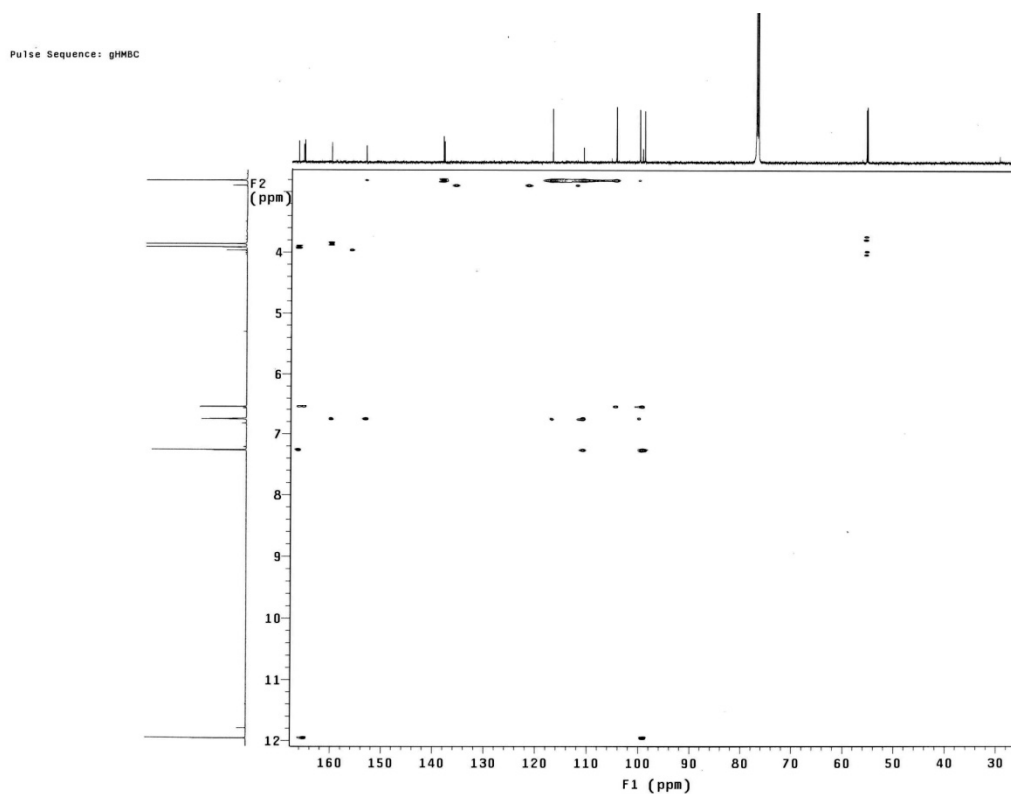


Figure S24. HMBC spectrum of alternariol-3,9-dimethyl ether (6).

89F0806-4-5-8-13-3
Pulse Sequence: NOESY

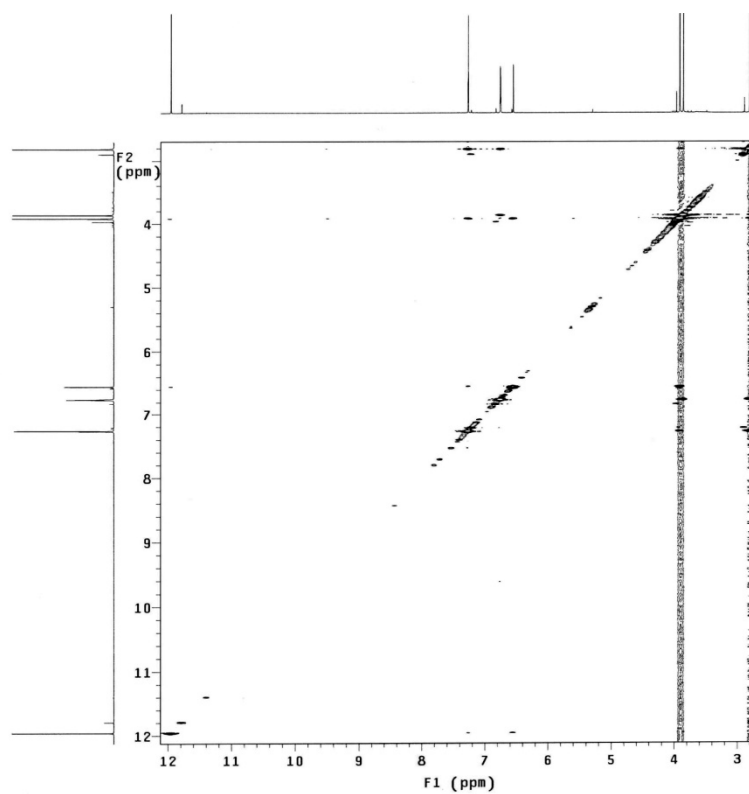


Figure S25. NOESY spectrum of alternariol-3,9-dimethyl ether (6).

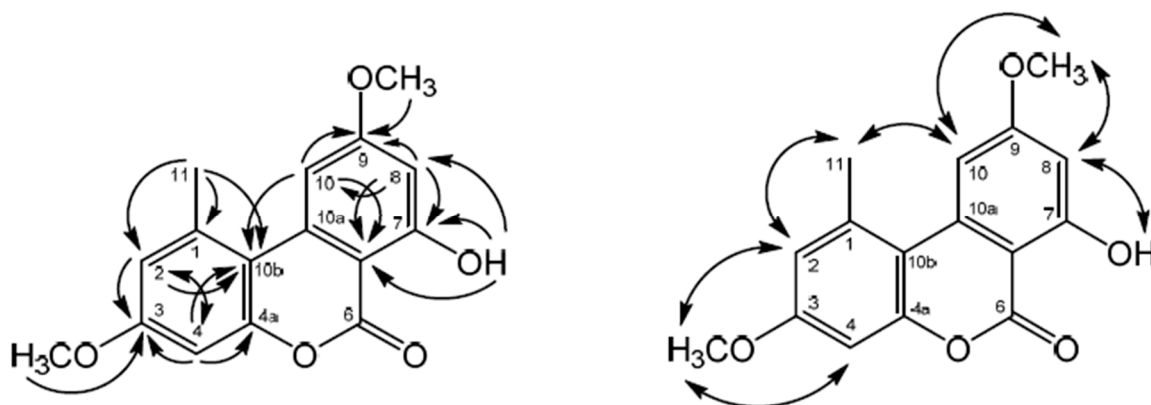


Figure S26. Key HMBC and NOESY correlations for compound 6.