

Supplementary Materials: Chamigrane Sesquiterpenes from a Basidiomycetous Endophytic Fungus XG8D Associated with Thai Mangrove *Xylocarpus granatum*

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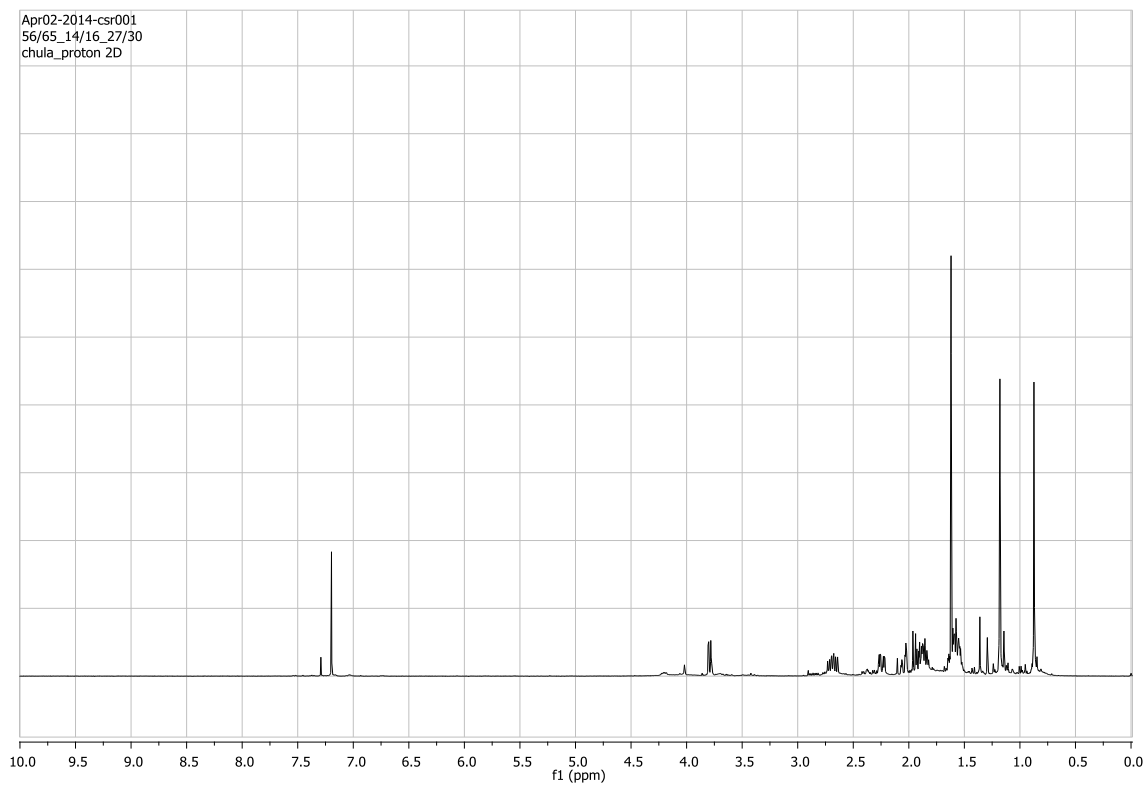


Figure S1. ^1H NMR spectrum (CDCl_3) of Merulinol A (1).

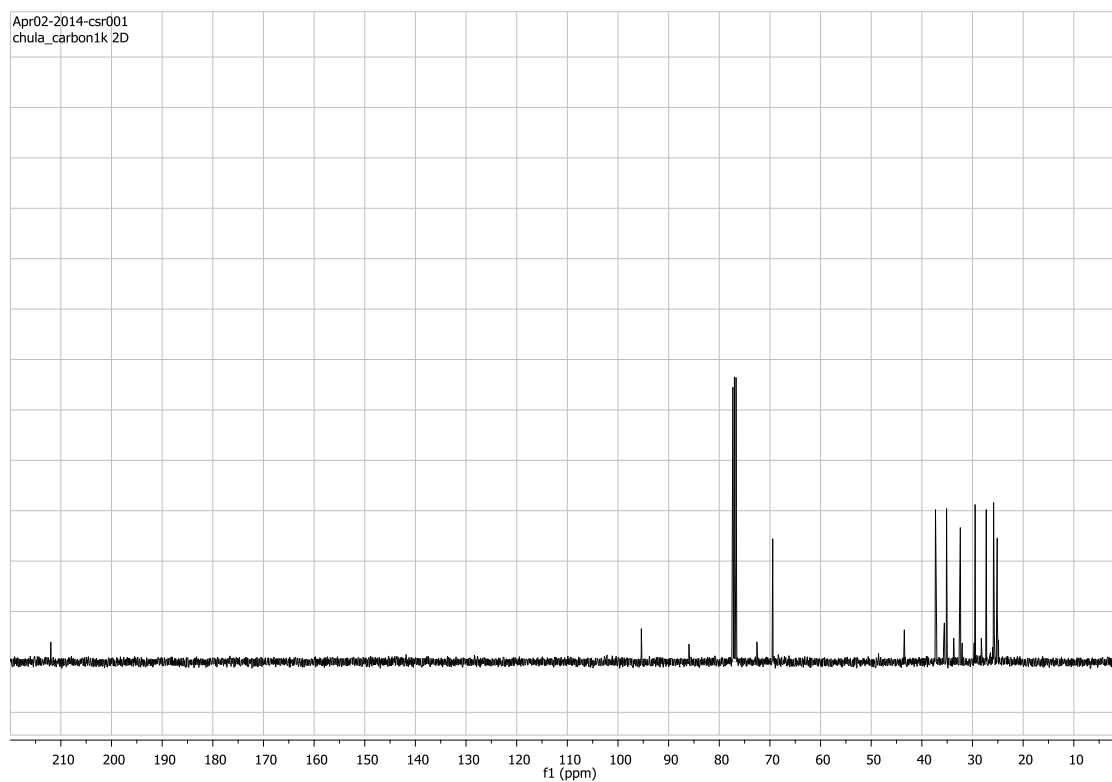


Figure S2. ^{13}C NMR spectrum (CDCl_3) of Merulinol A (1).

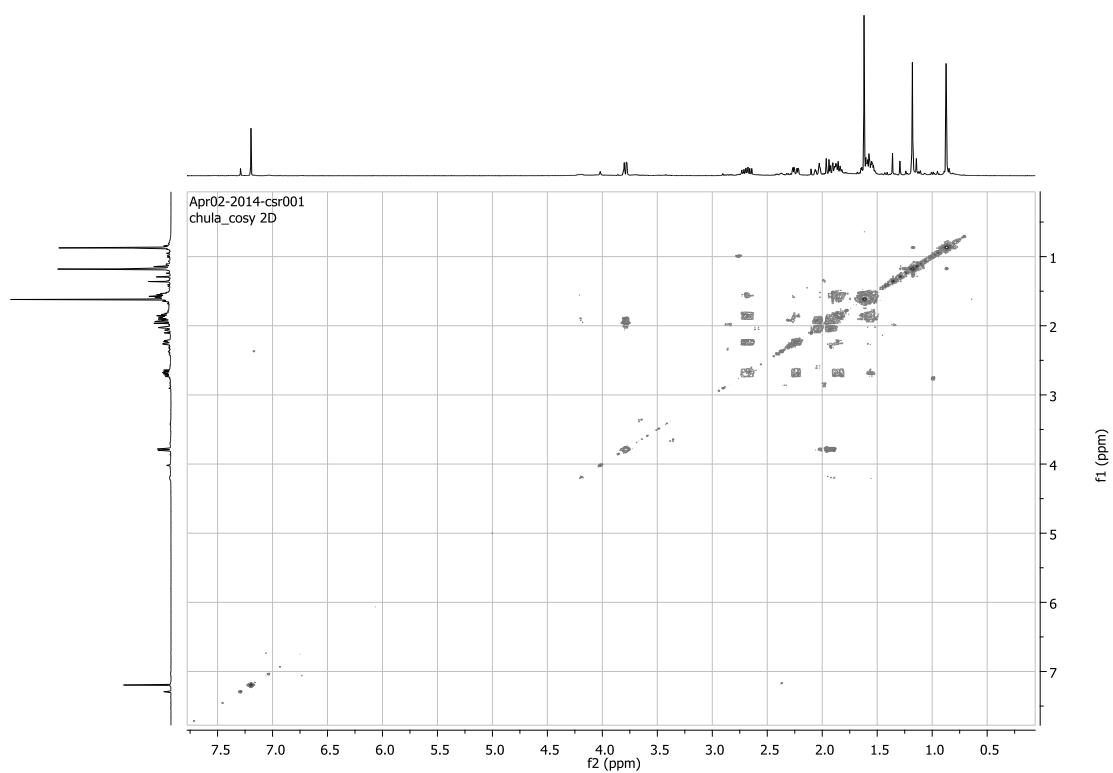


Figure S3. ^1H - ^1H COSY spectrum (CDCl_3) of Merulinol A (1).

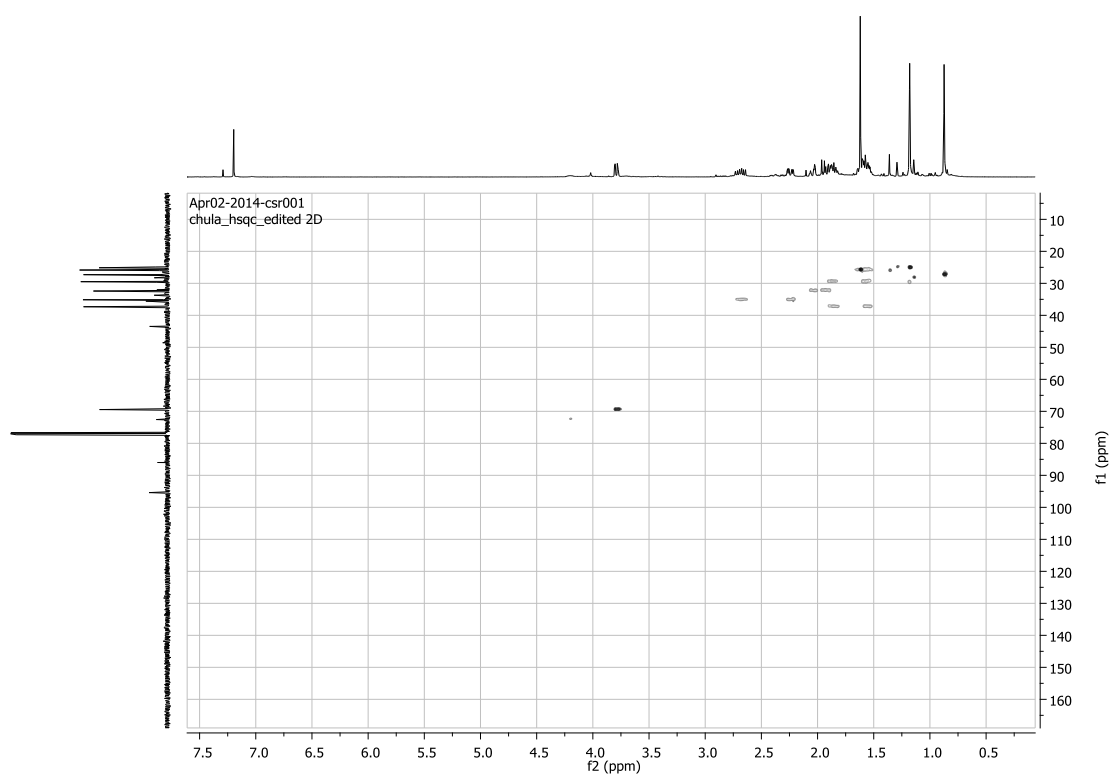


Figure S4. HSQC spectrum (CDCl_3) of Merulinol A (1).

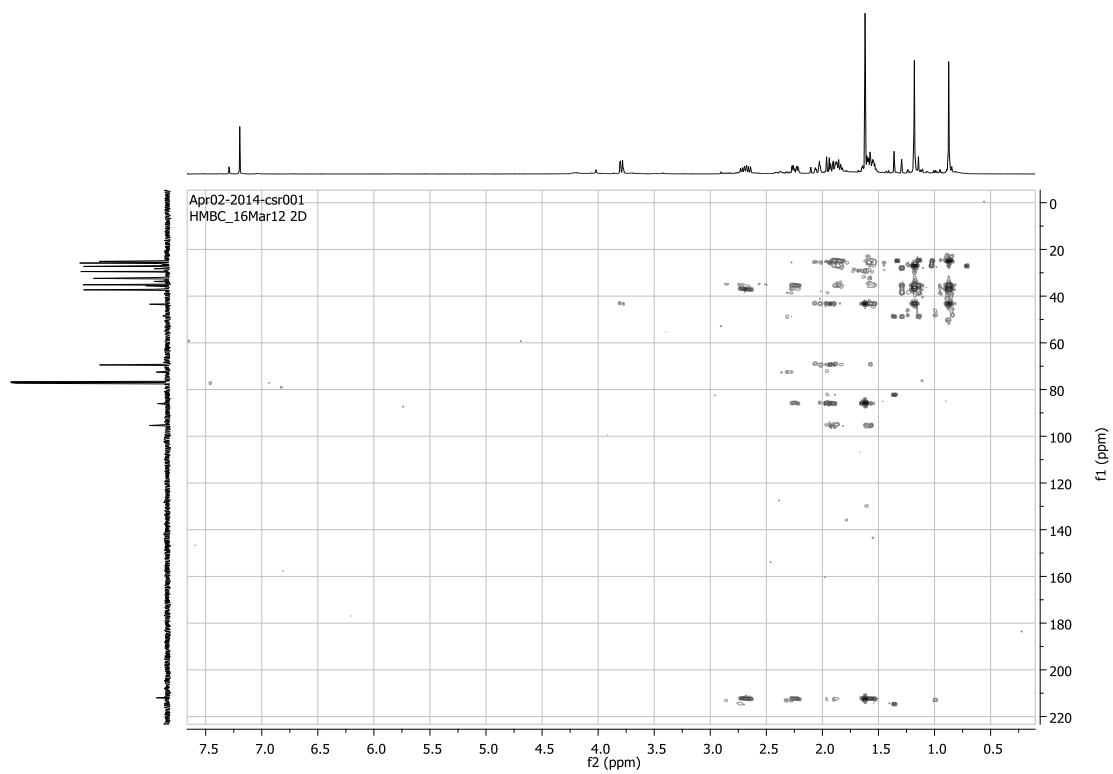


Figure S5. HMBC spectrum (CDCl₃) of Merulinol A (1).

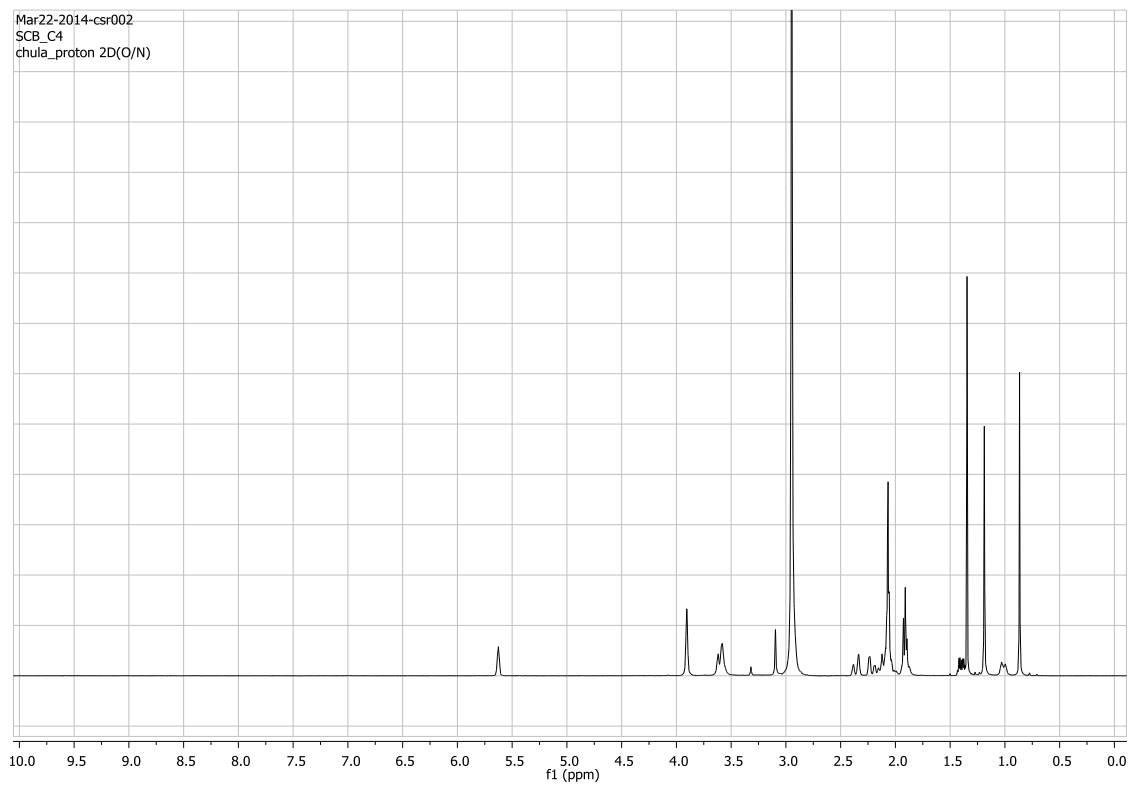


Figure S6. ¹H NMR spectrum (acetone-*d*₆) of Merulinol B (2).

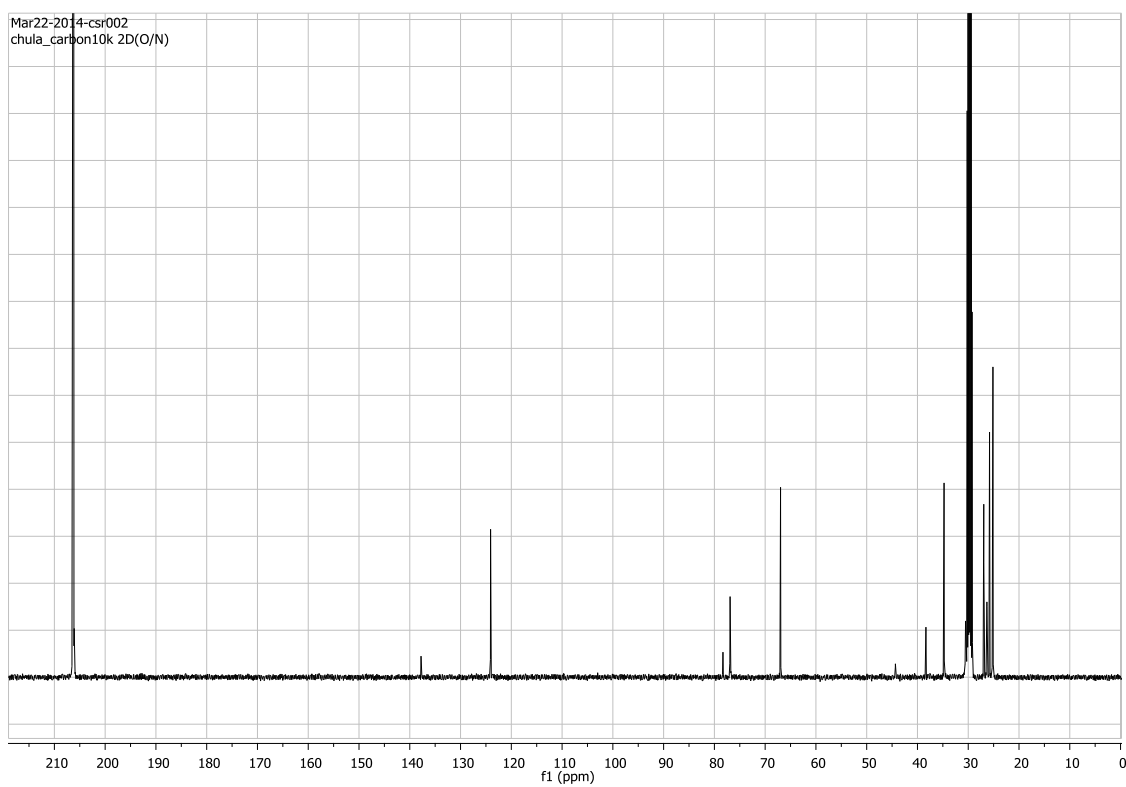


Figure S7. ^{13}C NMR spectrum (acetone- d_6) of Merulinol B (2).

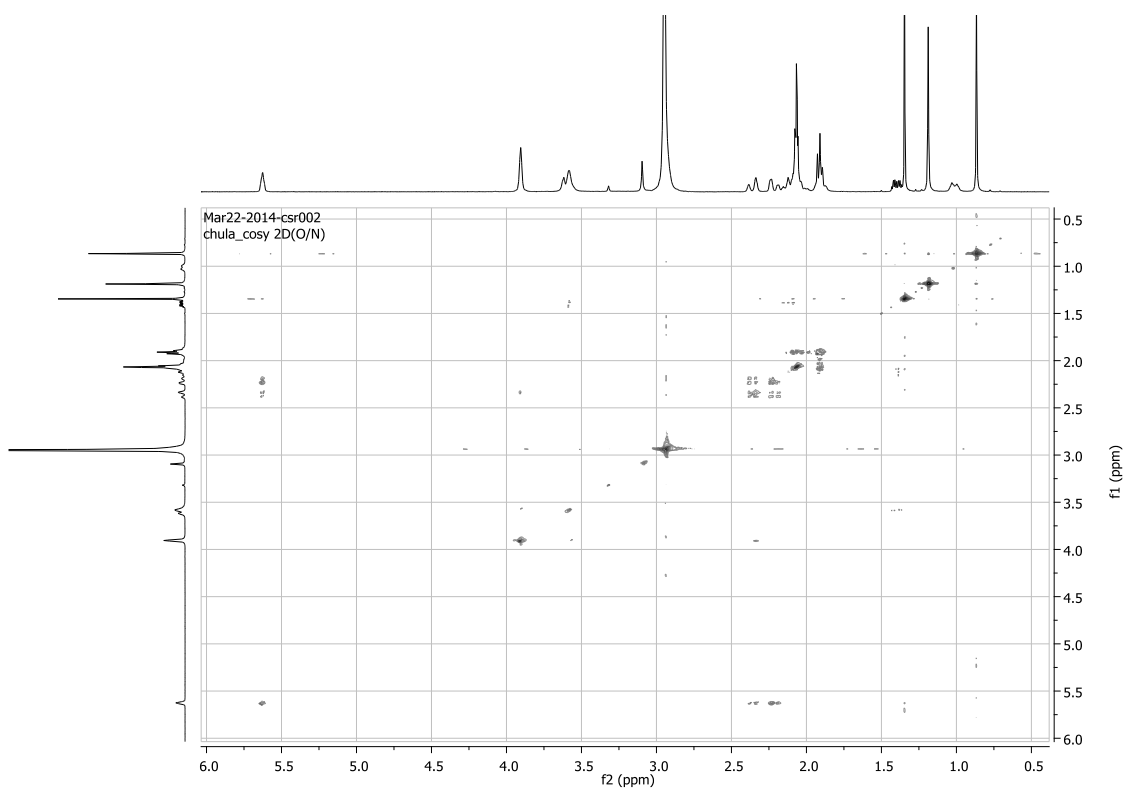


Figure S8. ^1H - ^1H COSY spectrum (acetone- d_6) of Merulinol B (2).

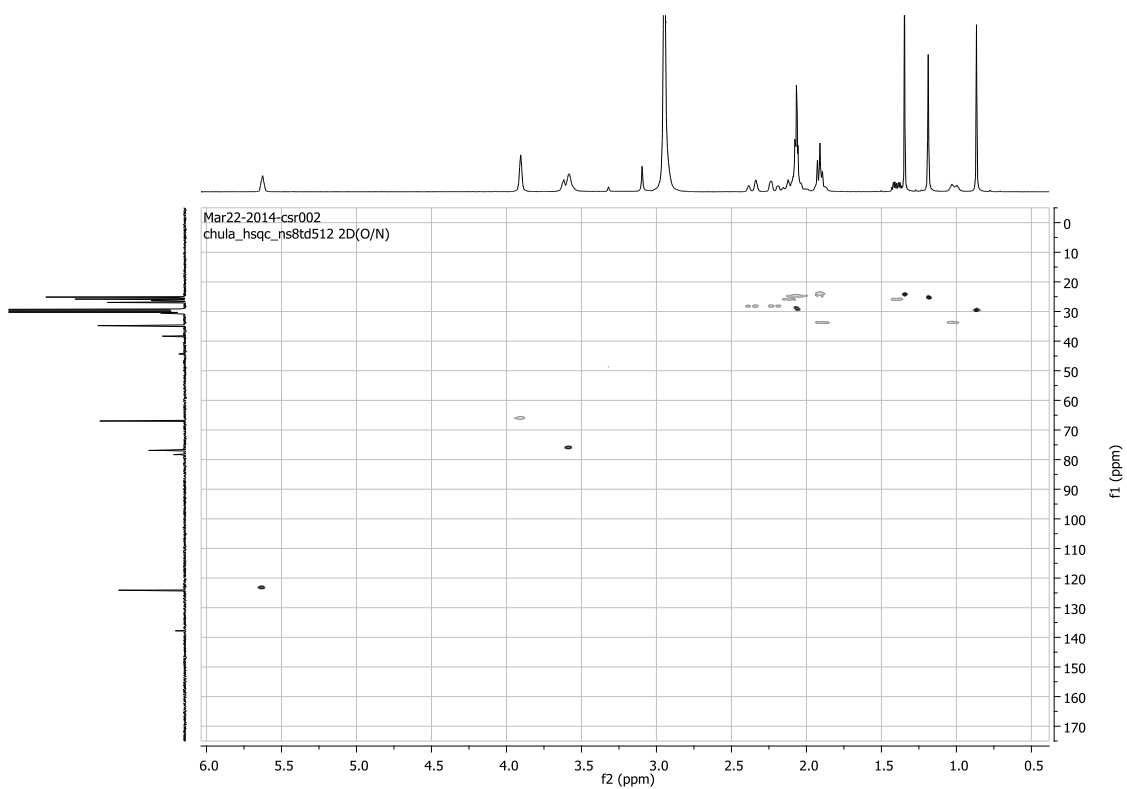


Figure S9. HSQC spectrum (acetone-*d*₆) of Merulinol B (2).

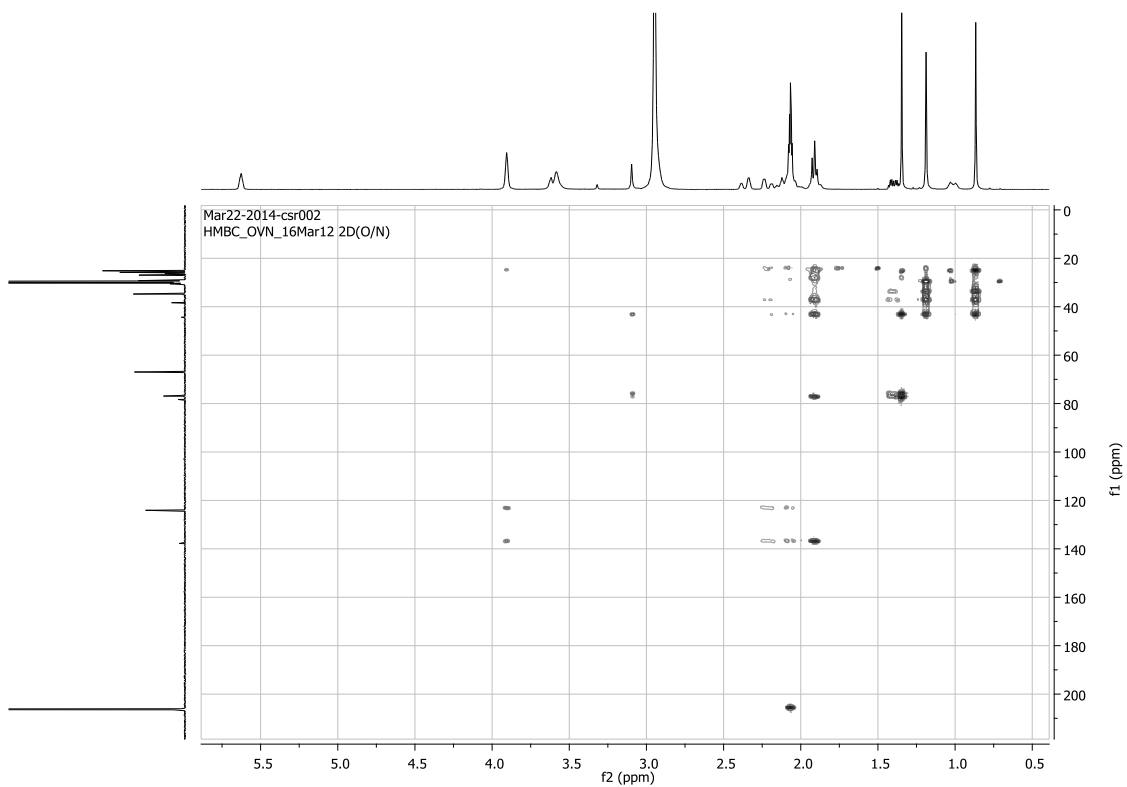


Figure S10. HMBC spectrum (acetone-*d*₆) of Merulinol B (2).

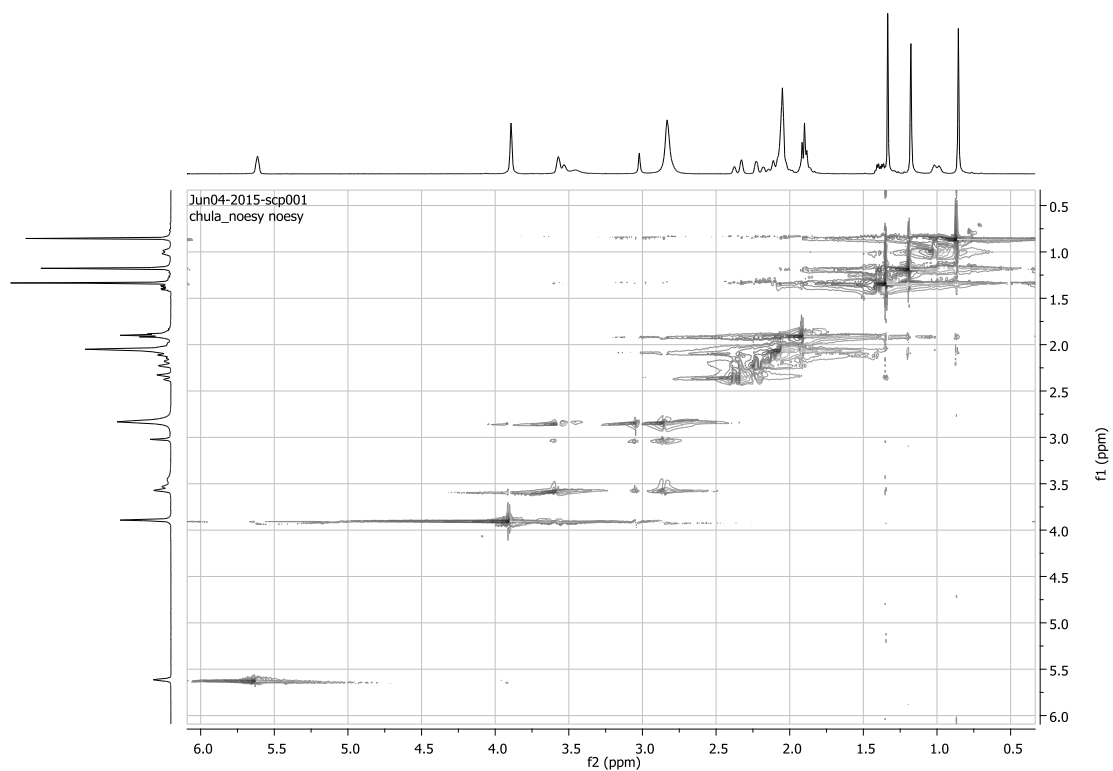


Figure S11. NOESY spectrum (acetone-*d*₆) of Merulinol B (2).

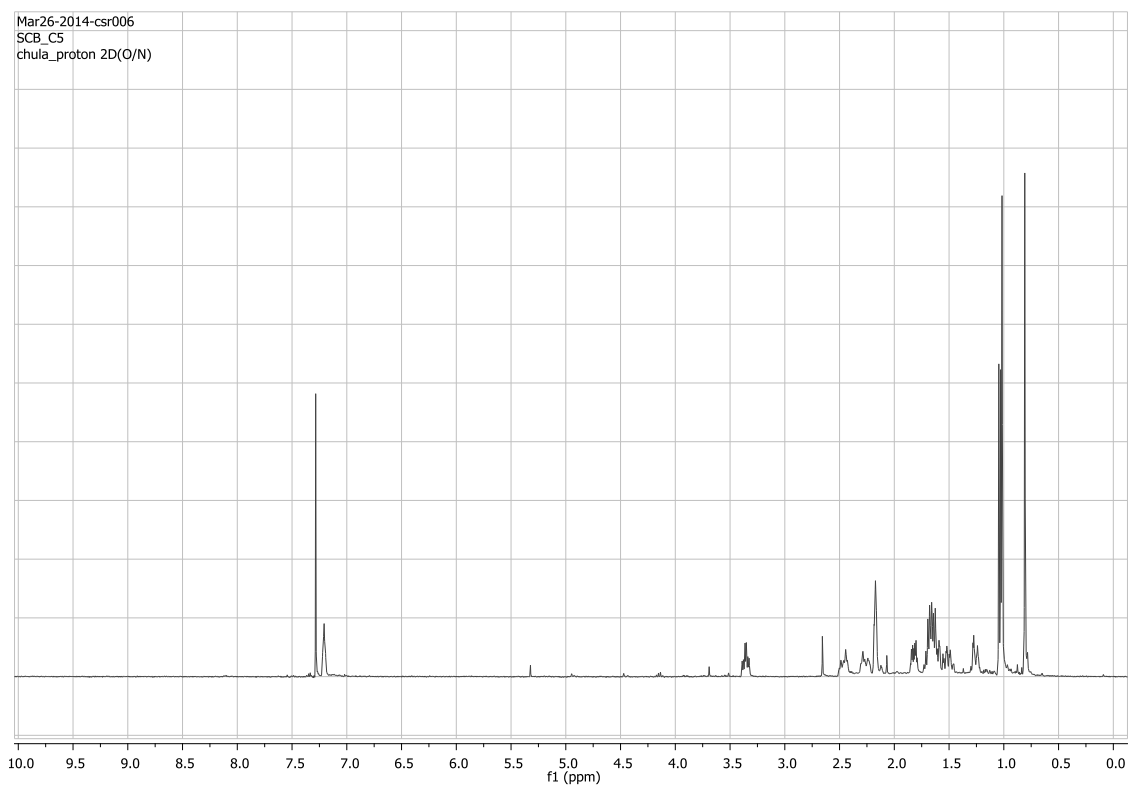


Figure S12. ¹H NMR spectrum (CDCl₃) of Merulinol C (3).

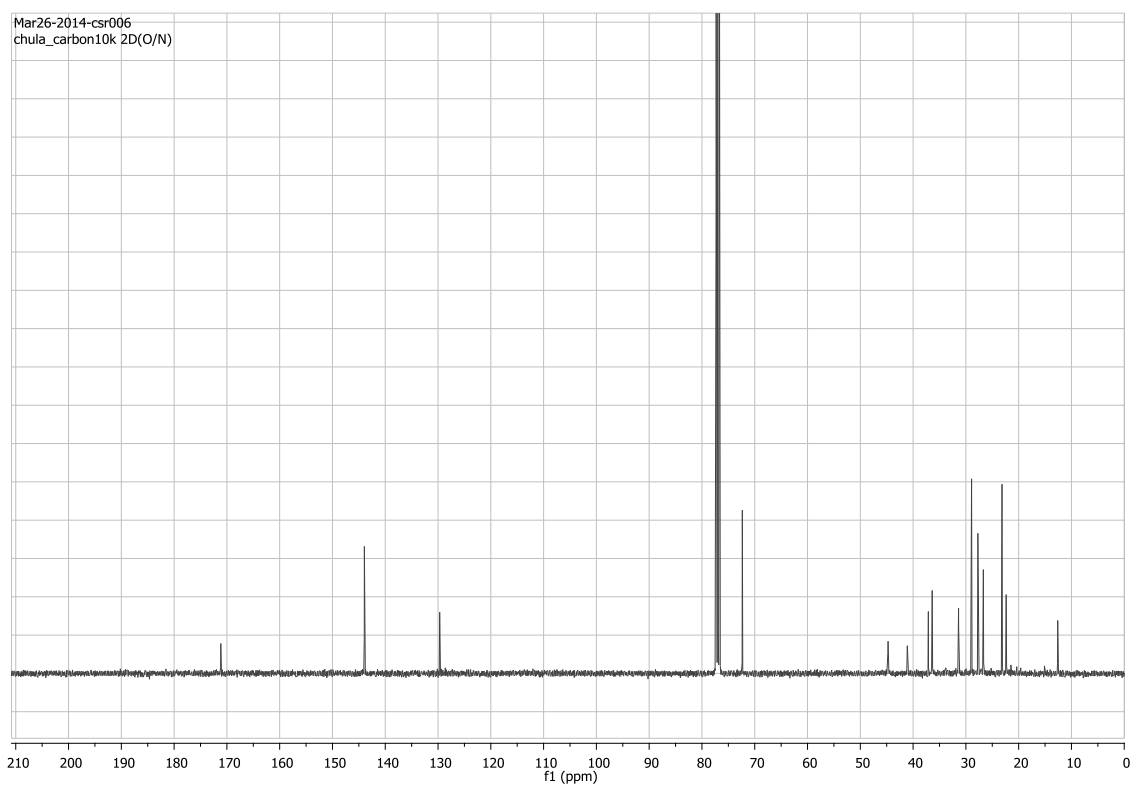


Figure S13. ^{13}C NMR spectrum (CDCl_3) of Merulinol C (3).

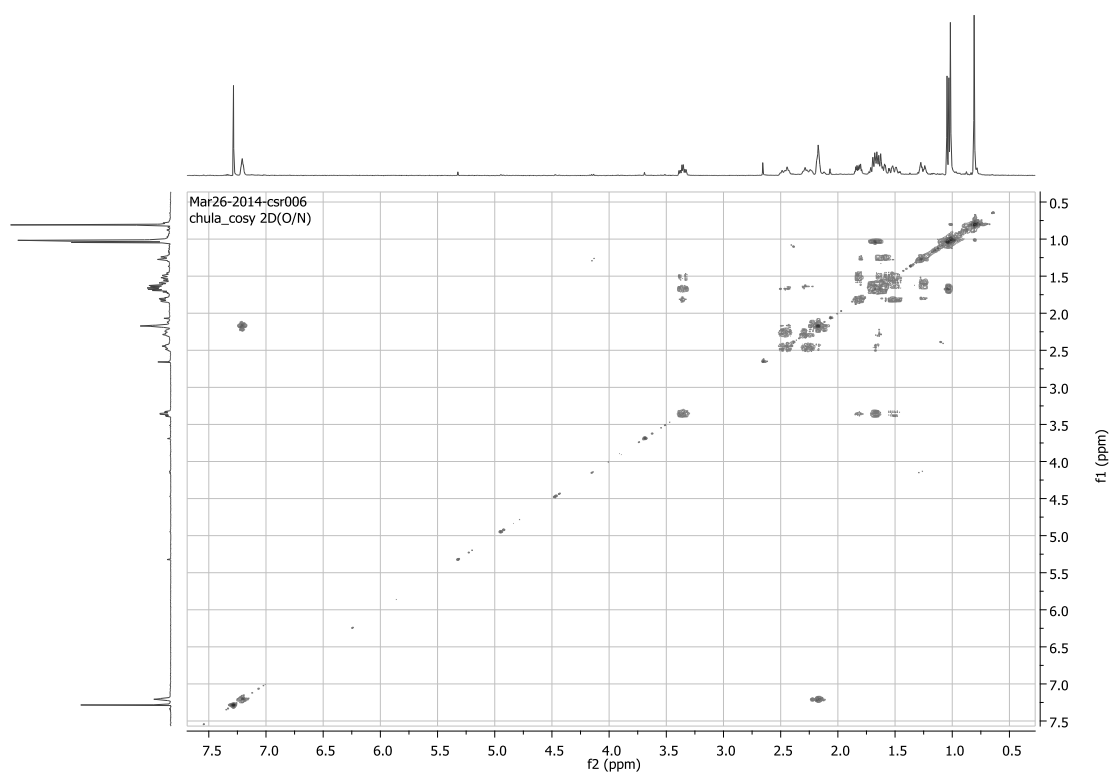


Figure S14. ^1H - ^1H COSY spectrum (CDCl_3) of Merulinol C (3).

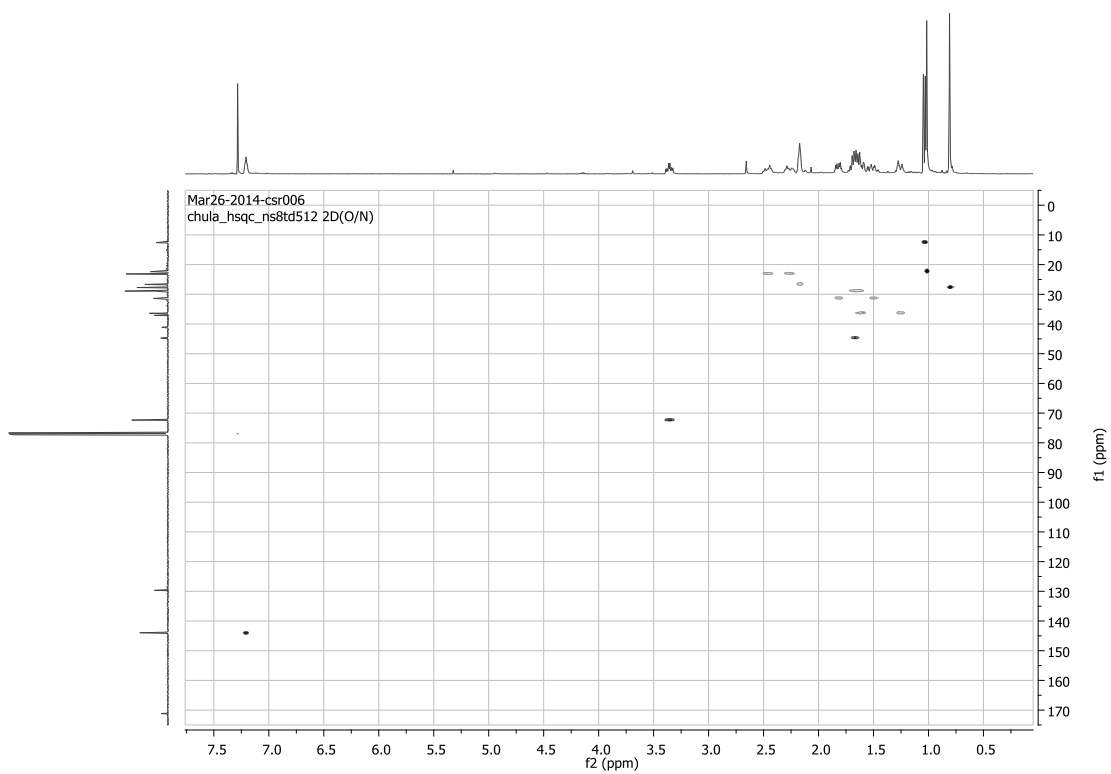


Figure S15. HSQC spectrum (CDCl₃) of Merulinol C (3).

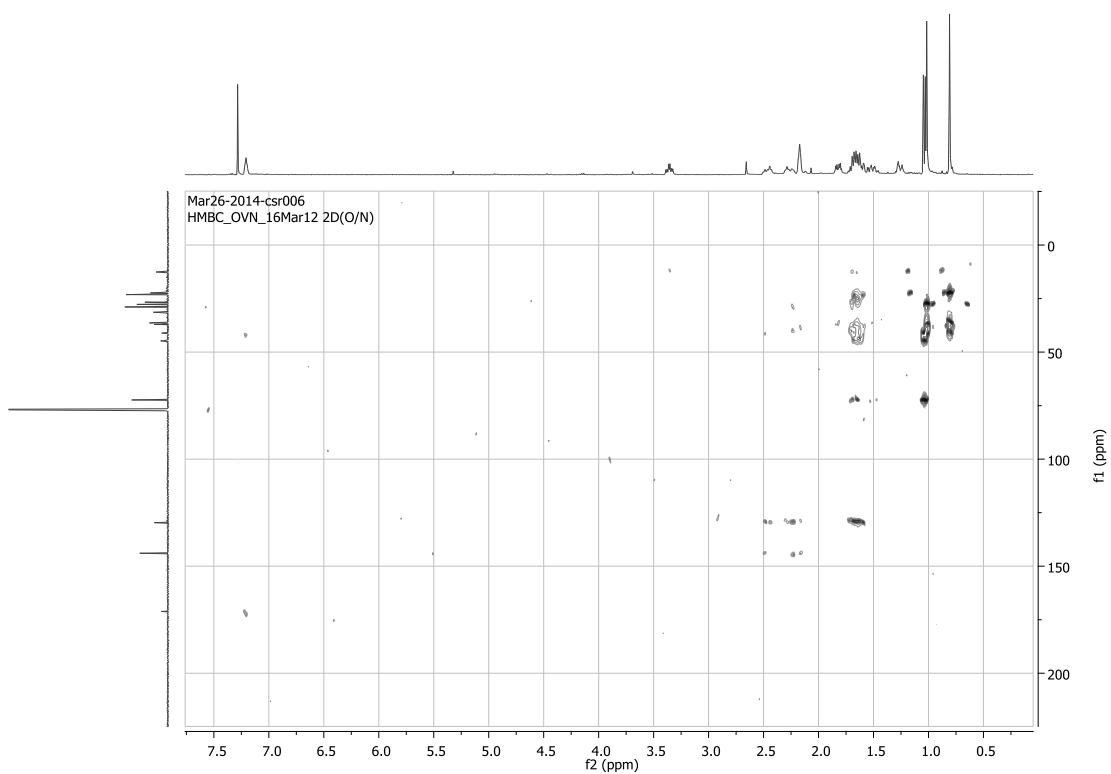


Figure S16. HMBC spectrum (CDCl₃) of Merulinol C (3).

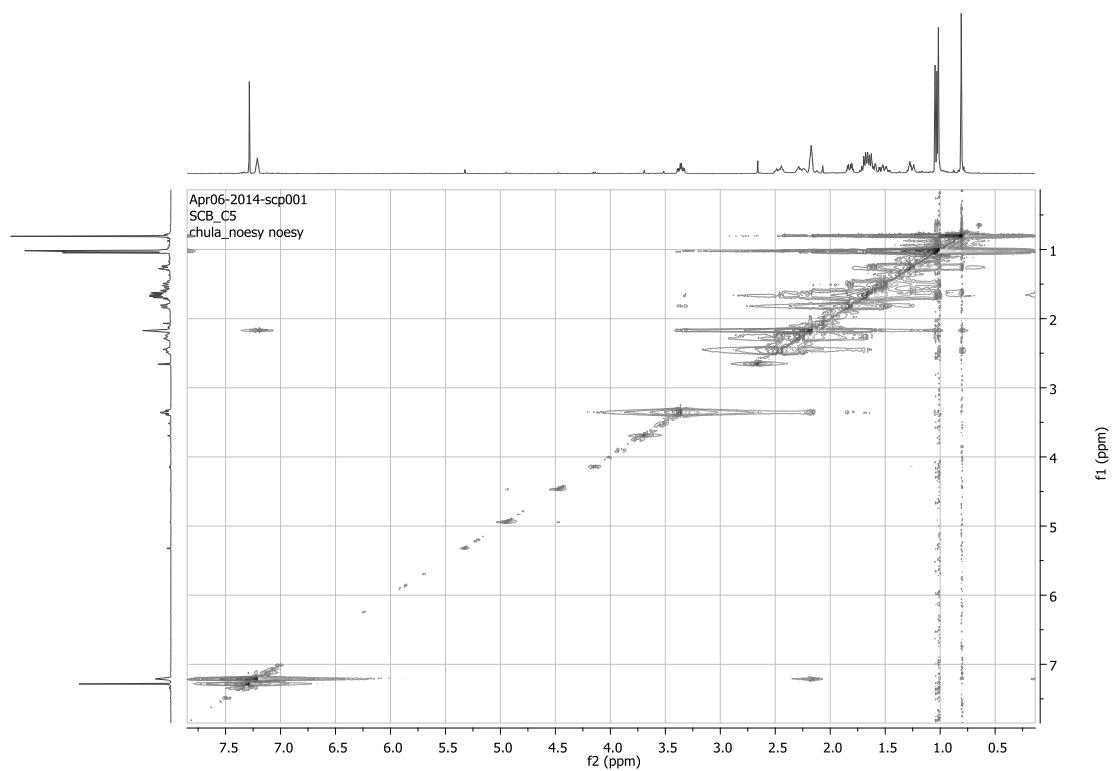


Figure S17. NOESY spectrum (CDCl₃) of Merulinol C (3).

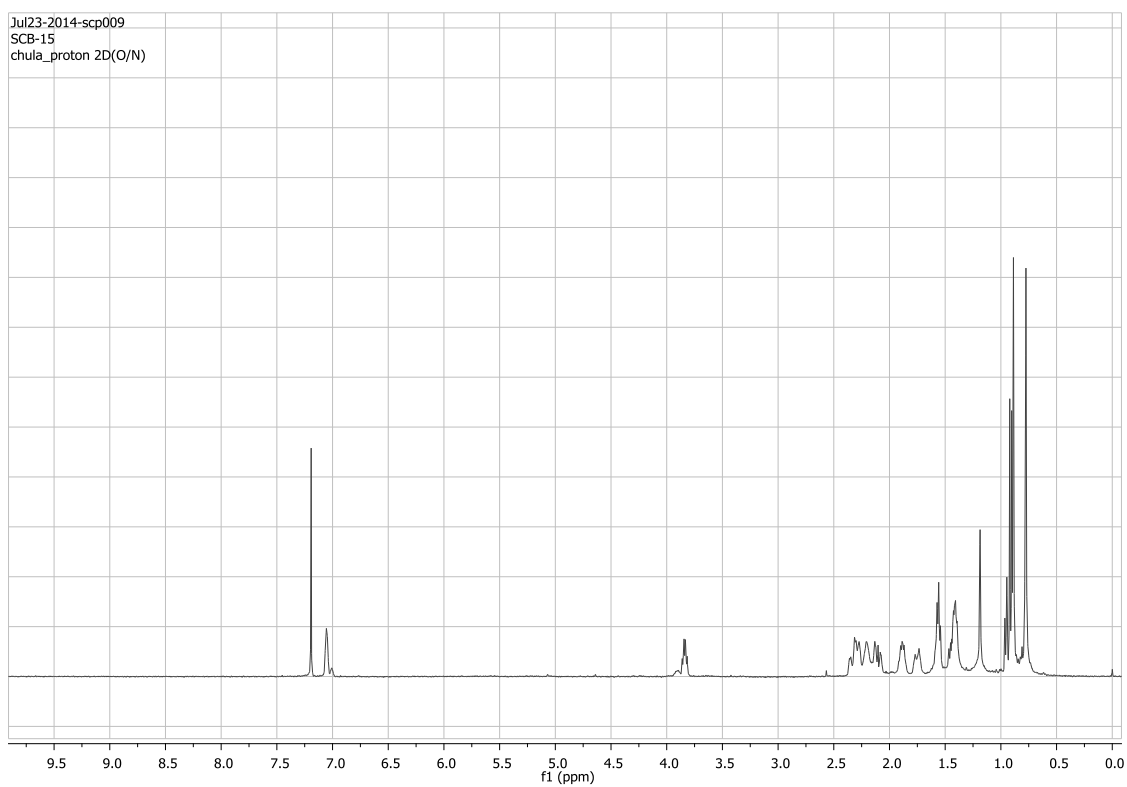


Figure S18. ¹H NMR spectrum (CDCl₃) of Merulinol D (4).

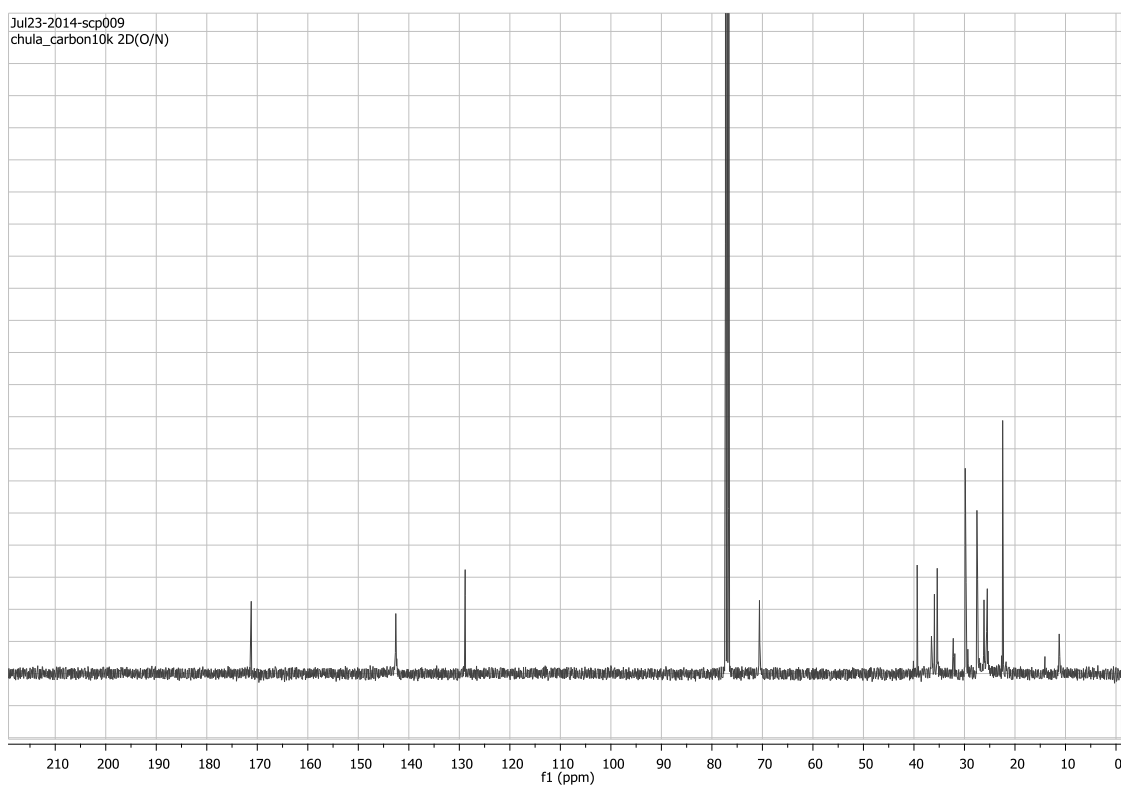


Figure S19. ¹³C NMR spectrum (CDCl₃) of Merulinol D (4).

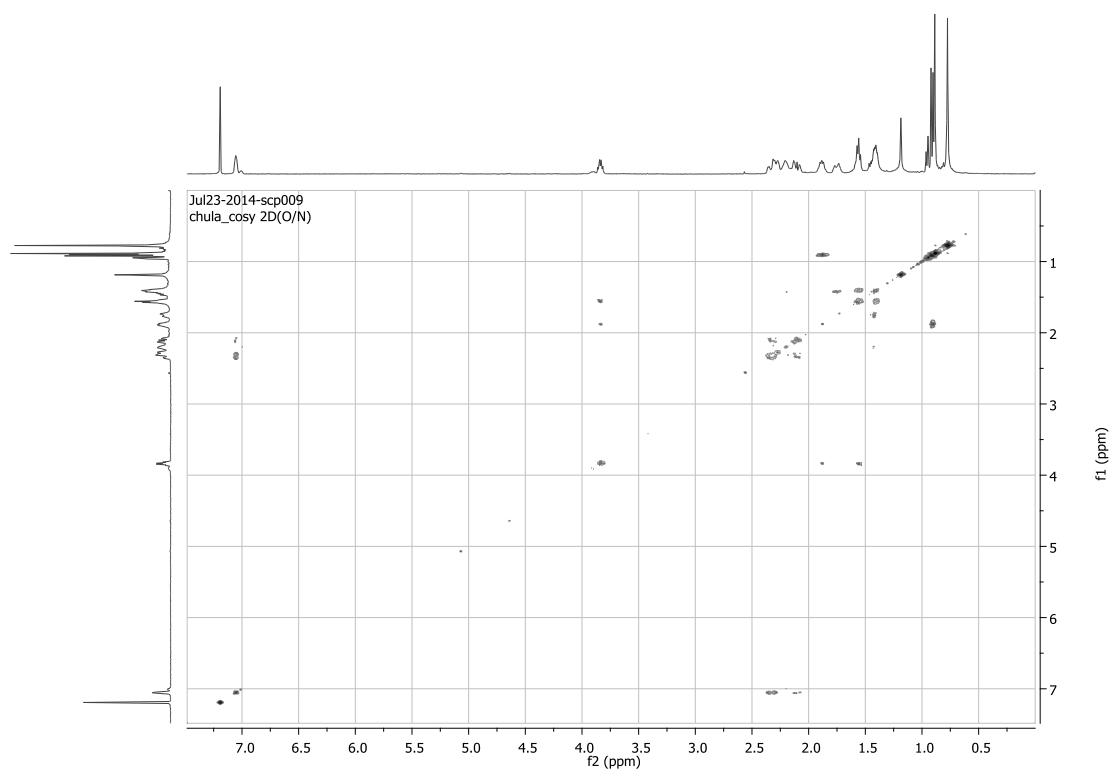


Figure S20. ¹H-¹H COSY spectrum (CDCl₃) of Merulinol D (4).

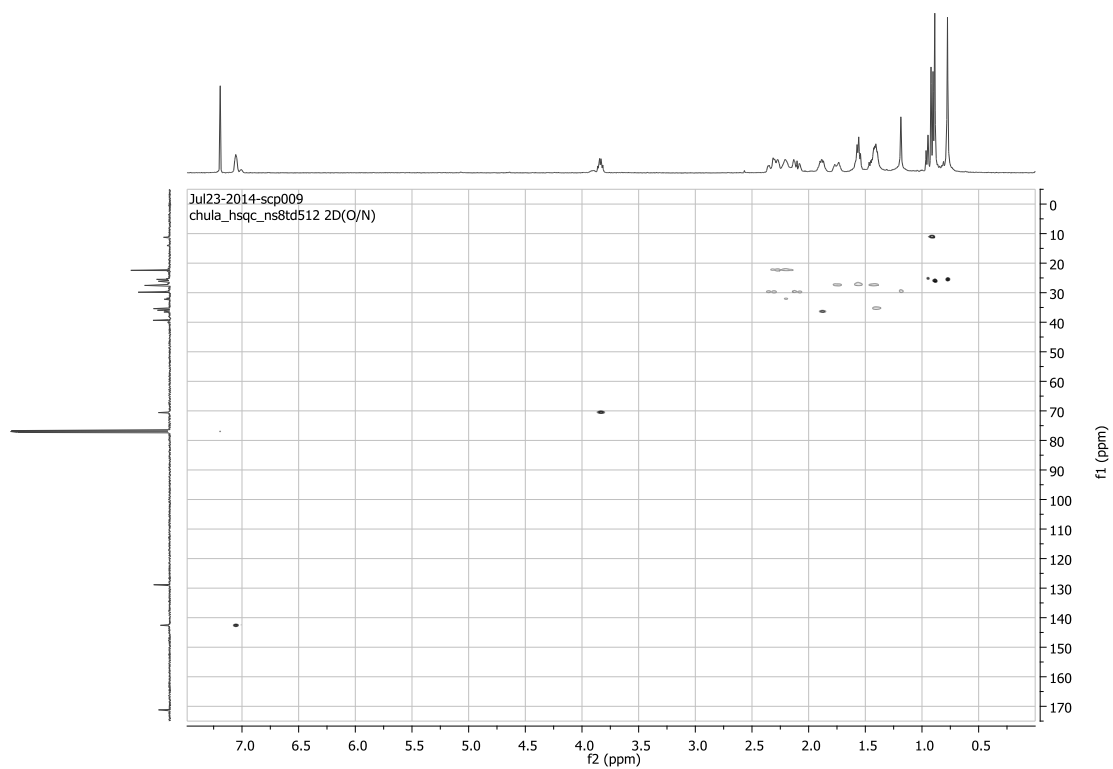


Figure S21. HSQC spectrum (CDCl₃) of Merulinol D (4).

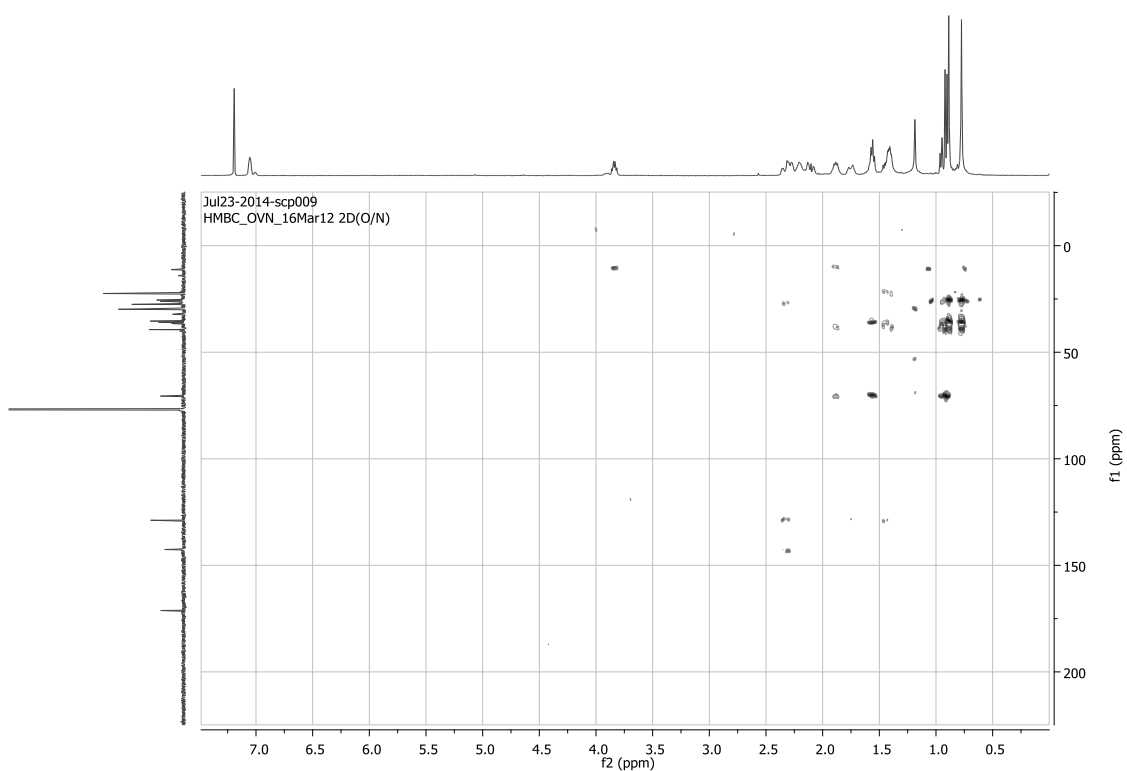


Figure S22. HMBC spectrum (CDCl₃) of Merulinol D (4).

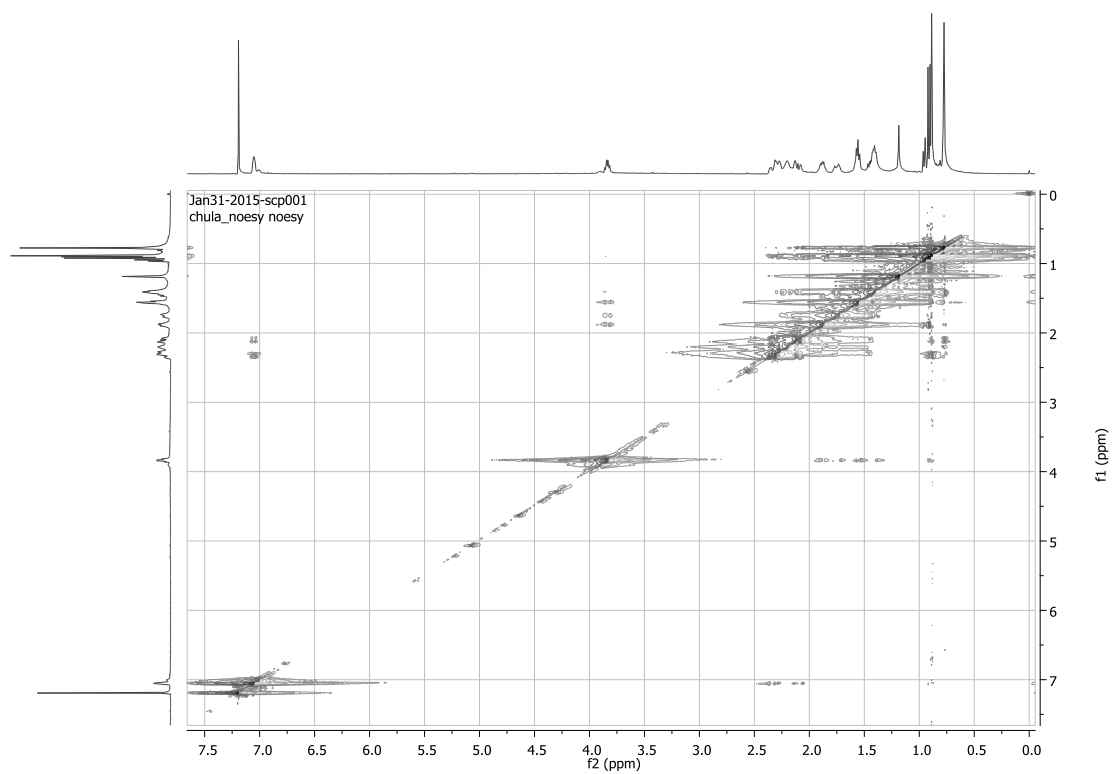


Figure S23. NOESY spectrum (CDCl₃) of Merulinol D (4).

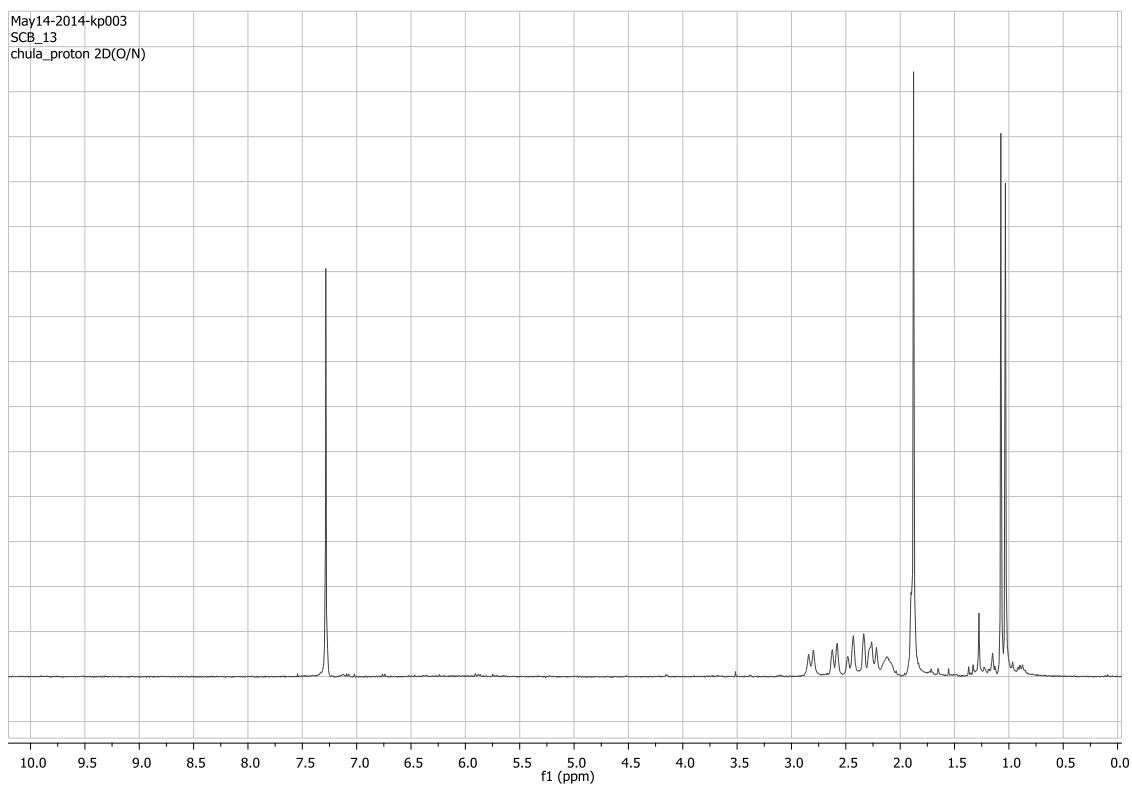


Figure S24. ¹H NMR spectrum (CDCl₃) of Merulinol E (5).

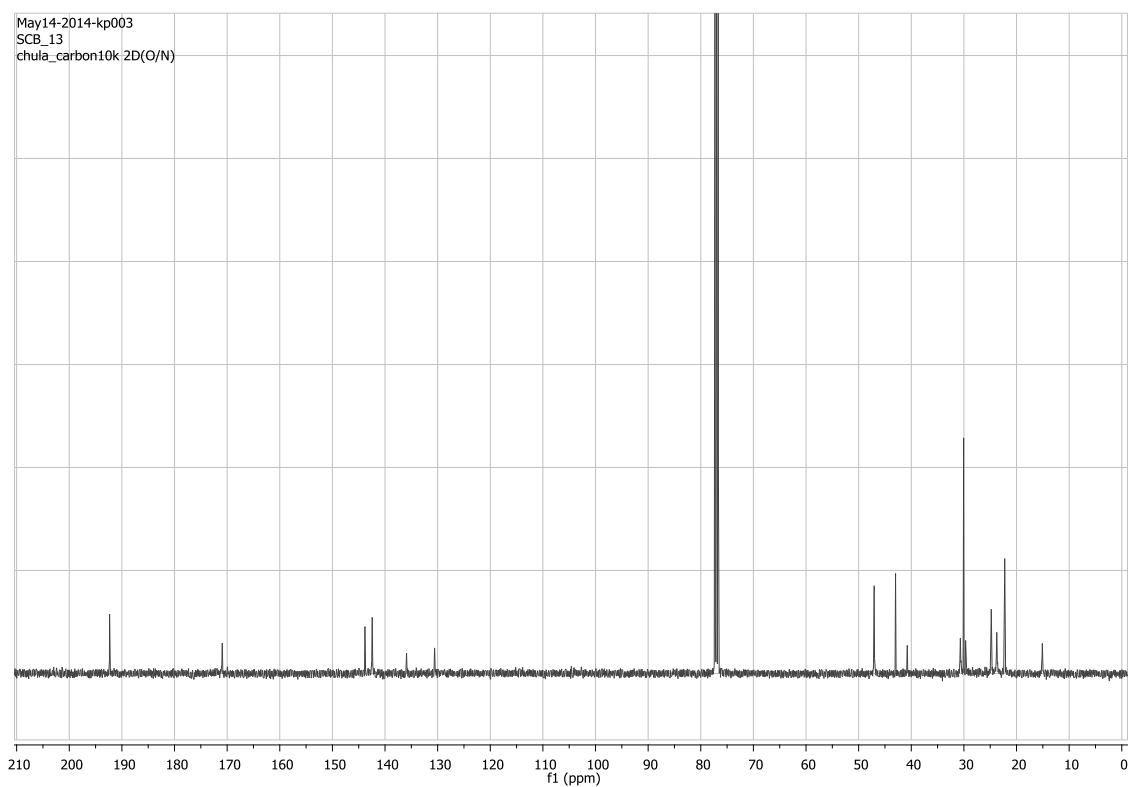


Figure S25. ¹³C NMR spectrum (CDCl₃) of Merulinol E (5).

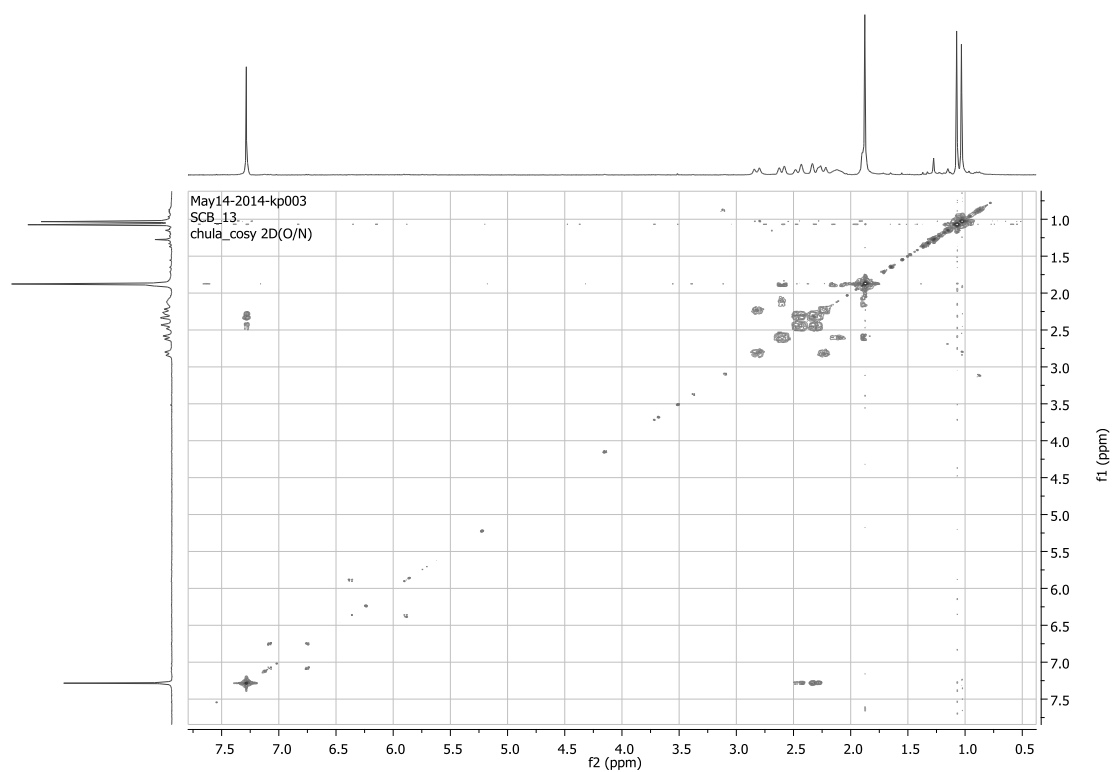


Figure S26. ¹H-¹H COSY spectrum (CDCl₃) of Merulinol E (5).

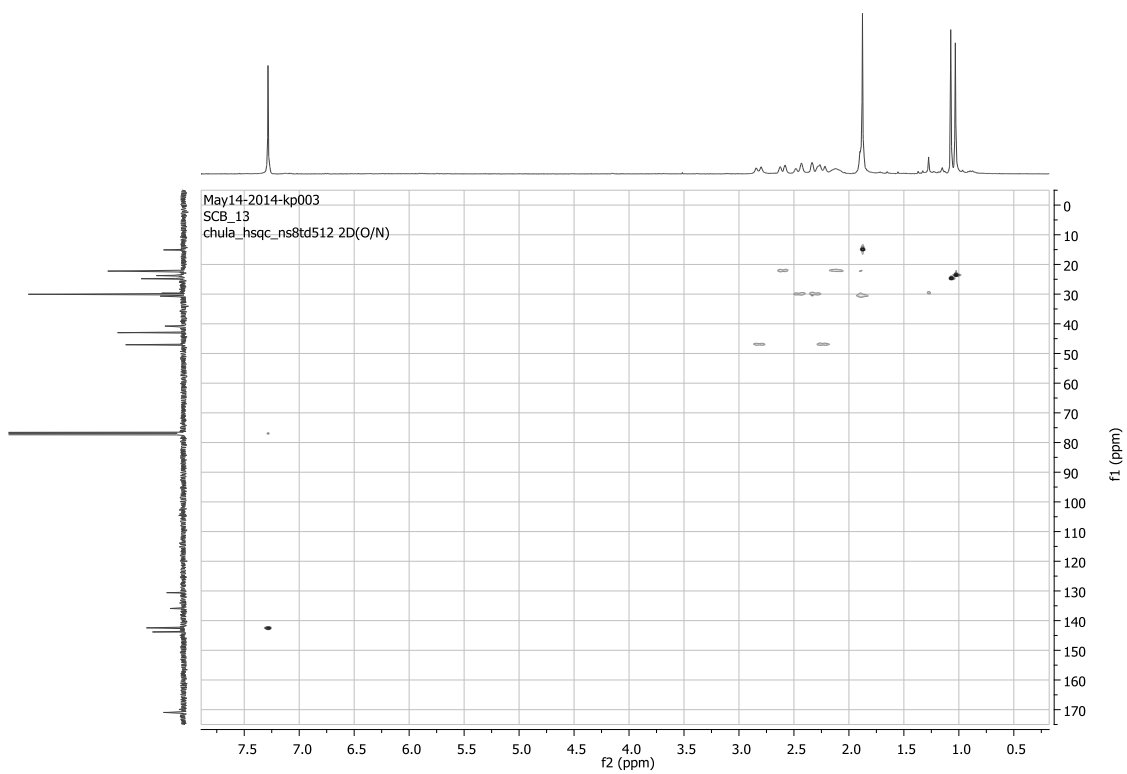


Figure S27. HSQC spectrum (CDCl₃) of Merulinol E (5).

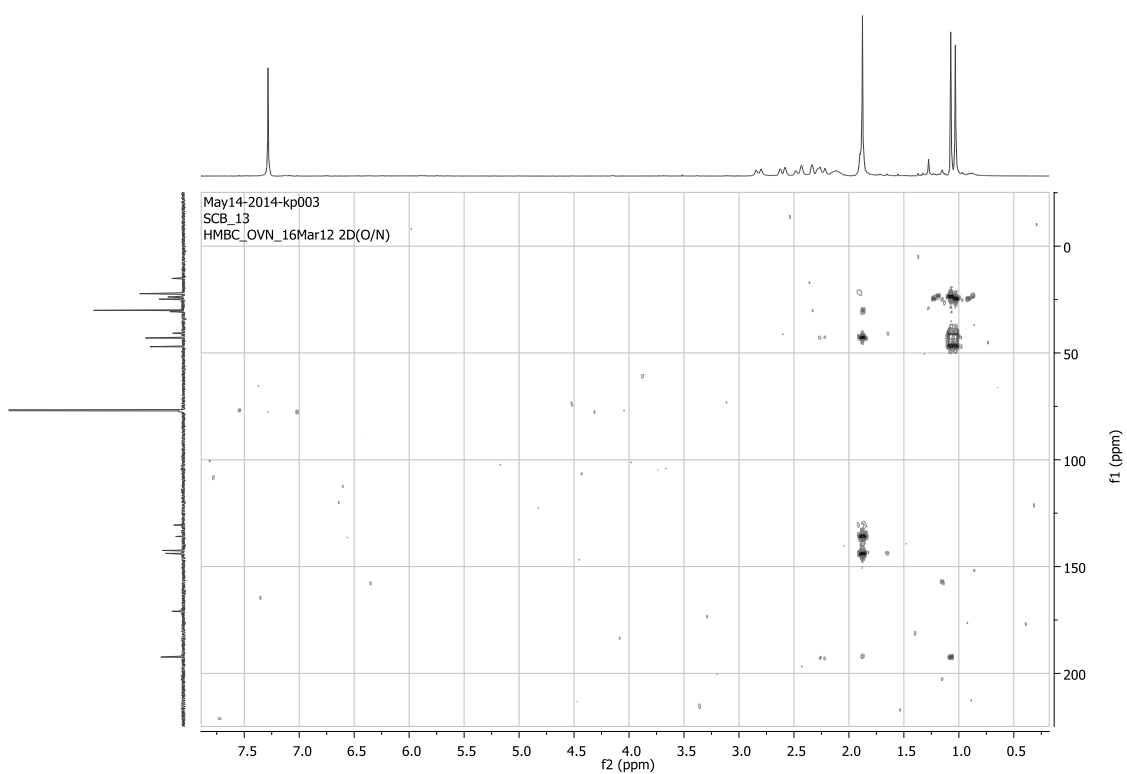


Figure S28. HMBC spectrum (CDCl₃) of Merulinol E (5).

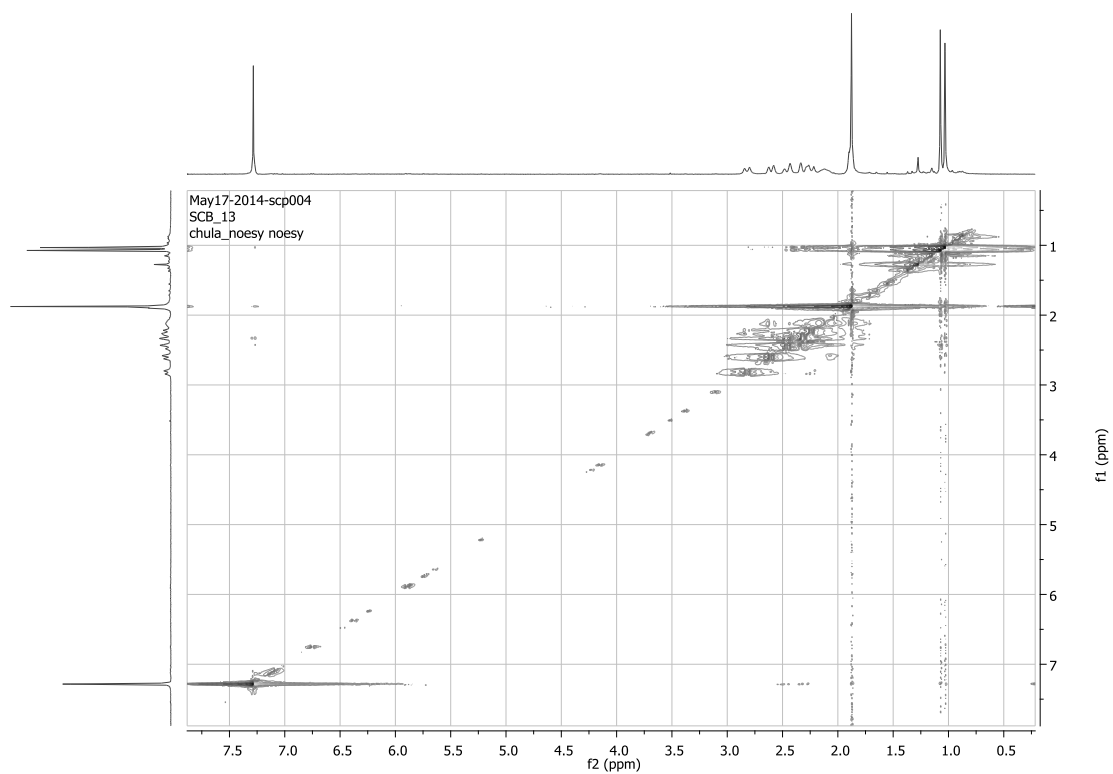


Figure S29. NOESY spectrum (CDCl₃) of Merulinol E (5).

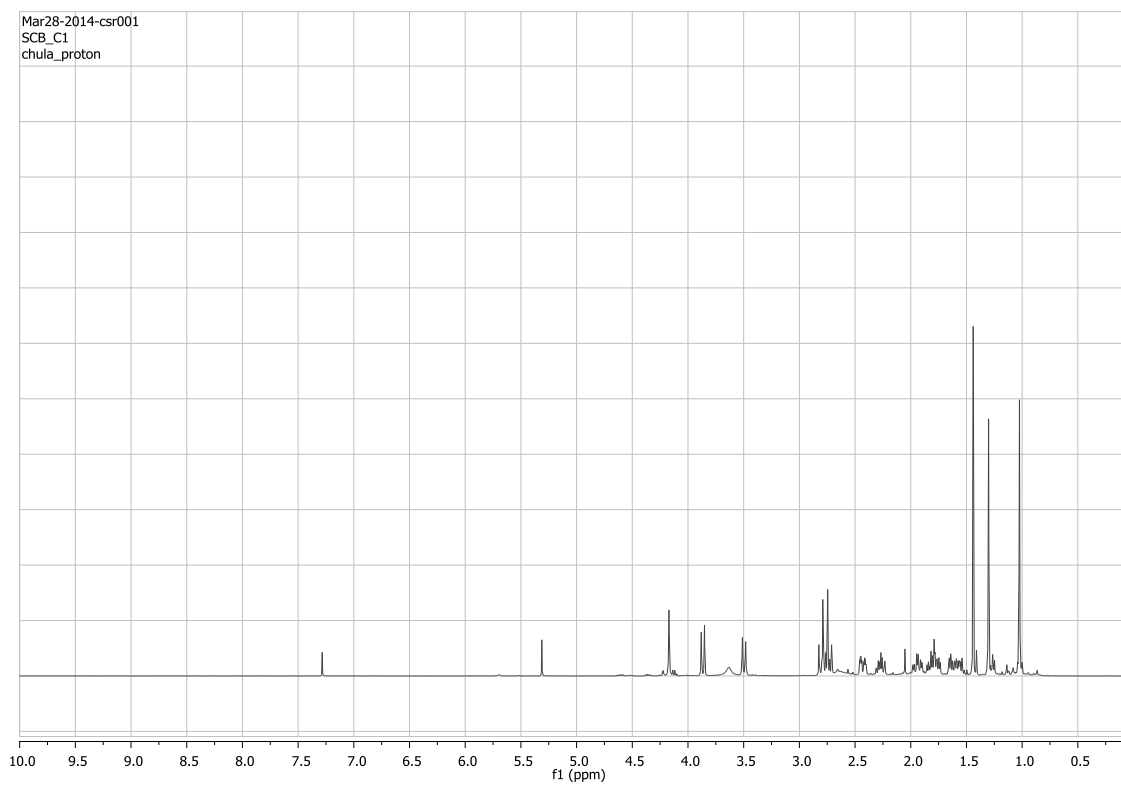


Figure S30. ¹H spectrum (CDCl₃) of Merulinol F (6).

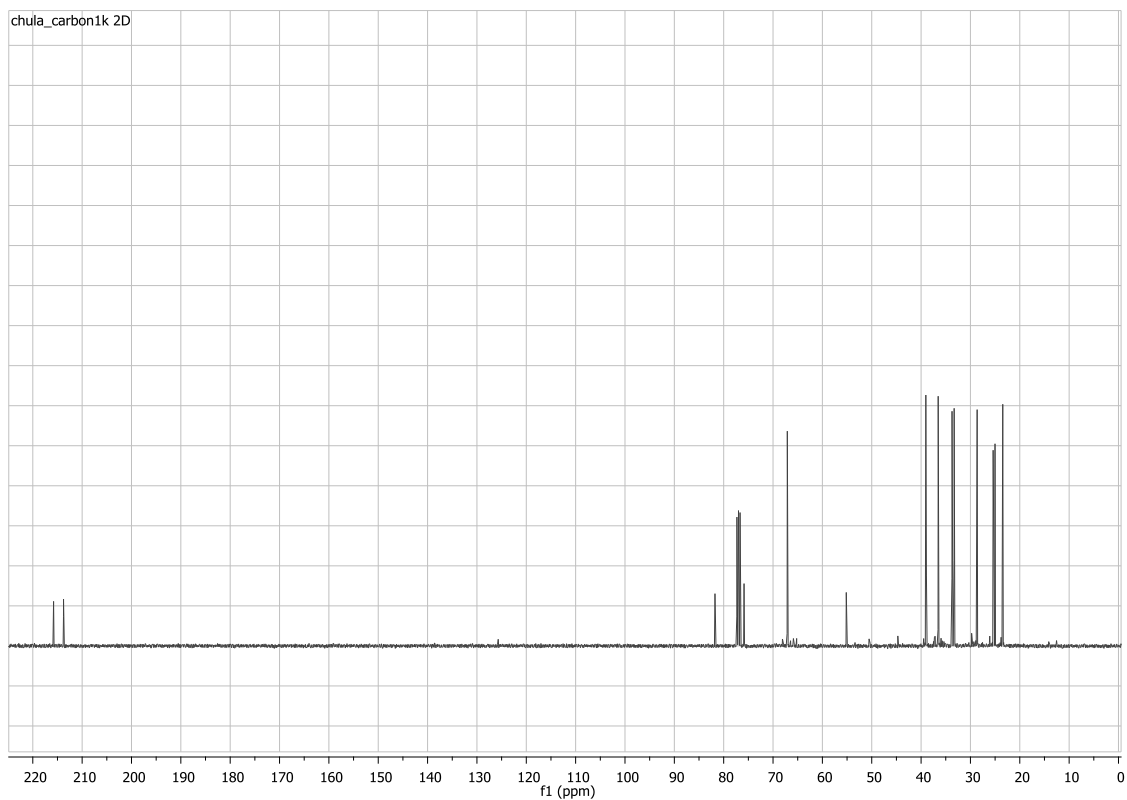


Figure S31. ^{13}C spectrum (CDCl_3) of Merulinol F (6).

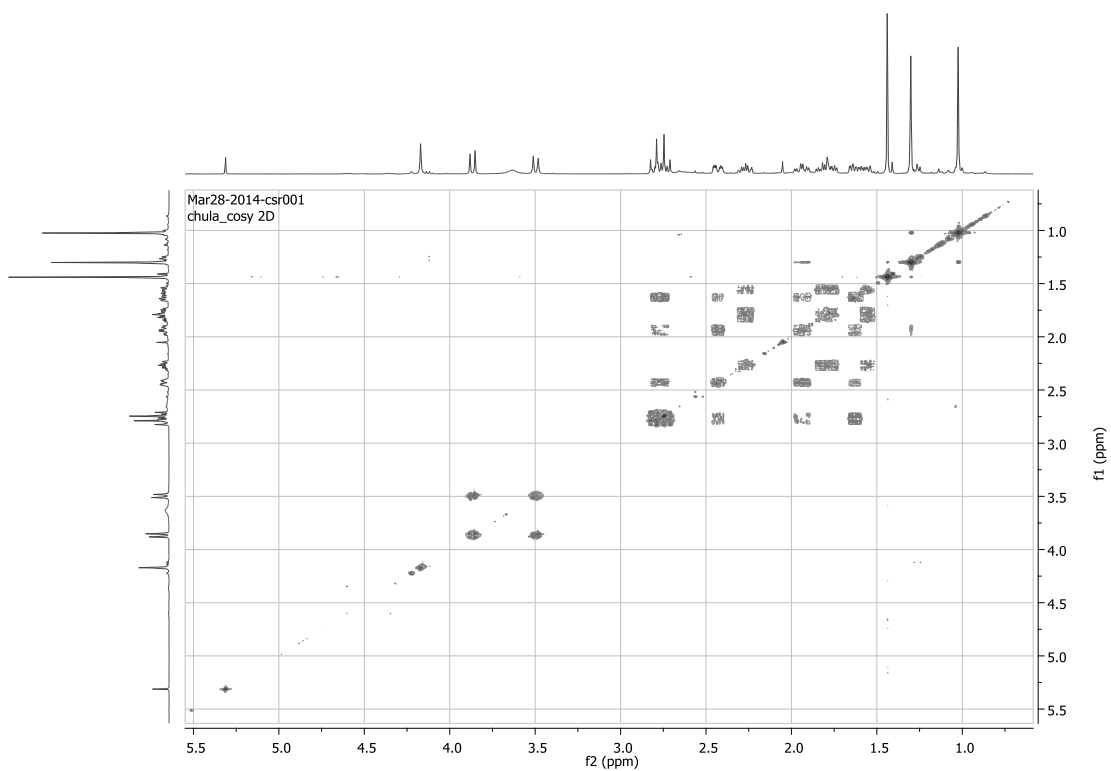


Figure S32. ^1H - ^1H COSY spectrum (CDCl_3) of Merulinol F (6).

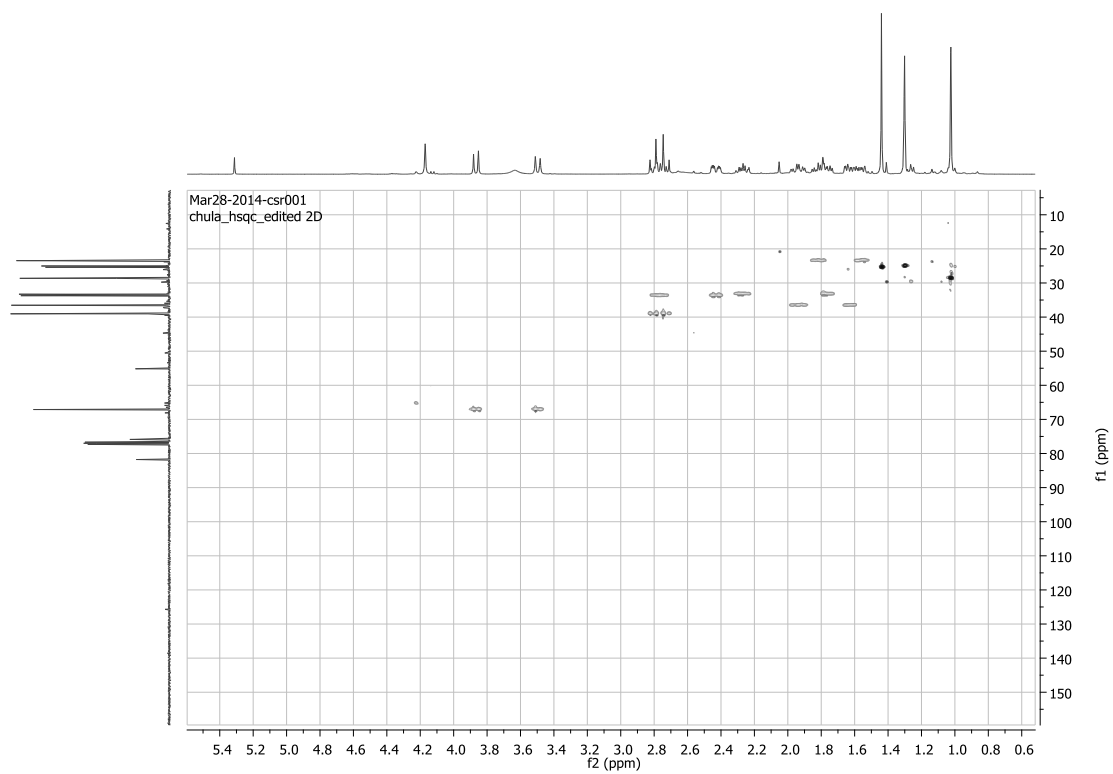


Figure S33. HSQC spectrum (CDCl₃) of Merulinol F (6).

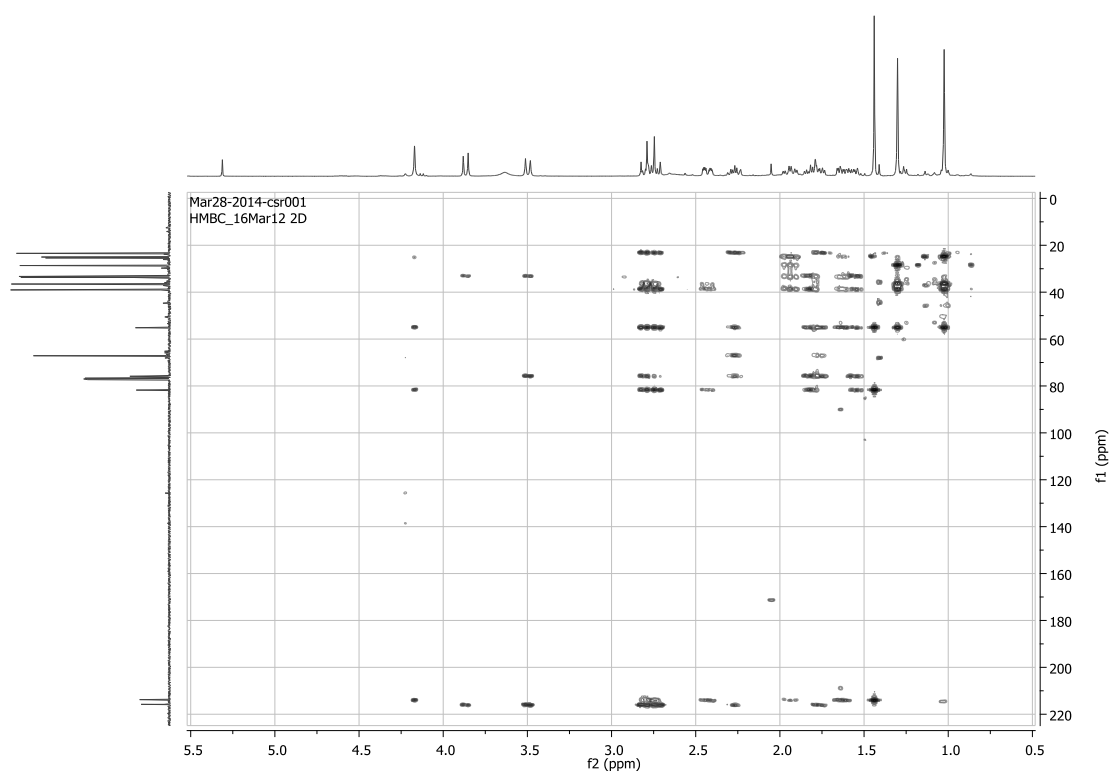


Figure S34. HMBC spectrum (CDCl₃) of Merulinol F (6).