

Supplementary Information

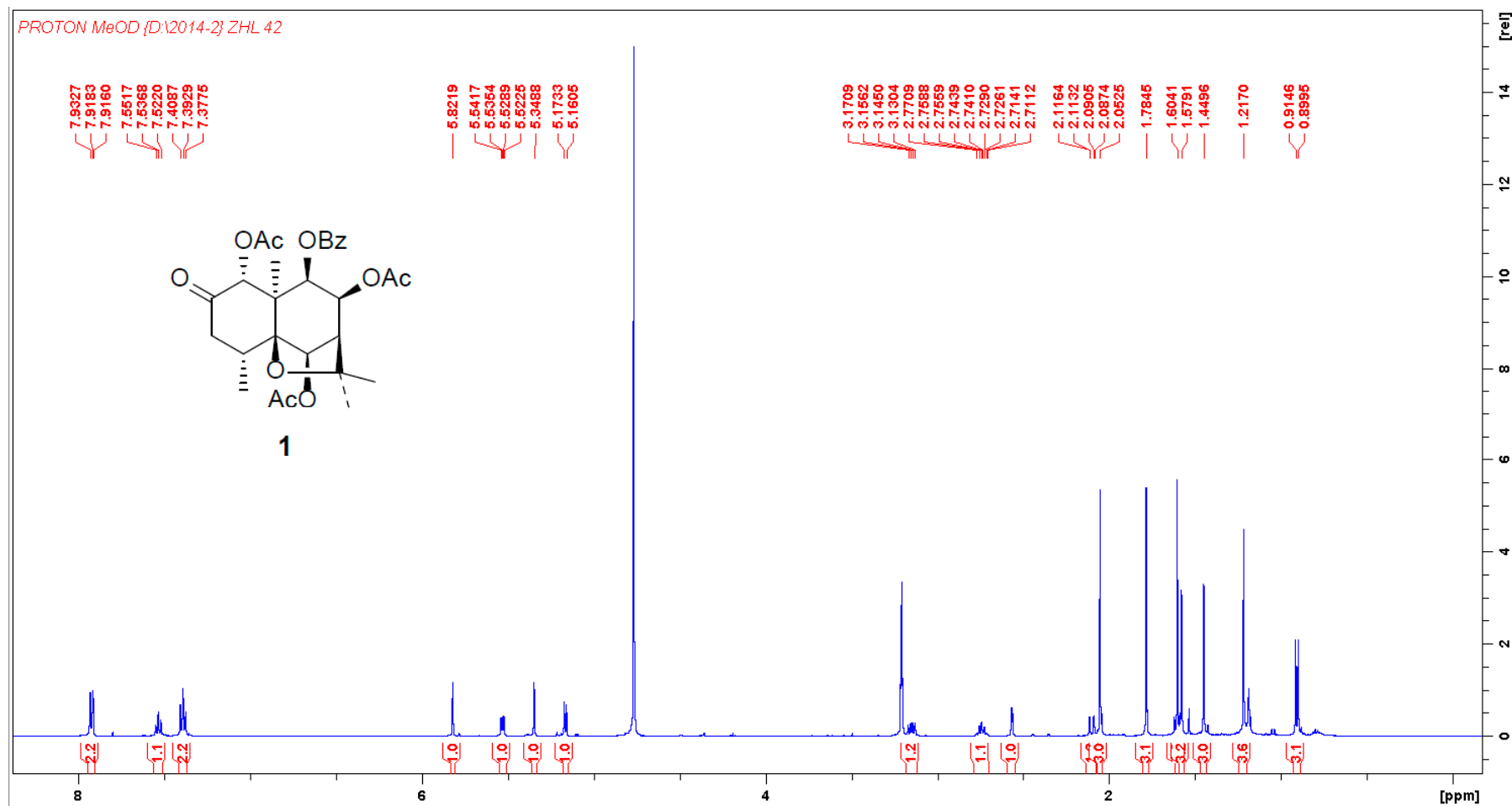


Figure S1. ¹H-NMR (CD₃OD, 500 MHz) spectrum of **1**.

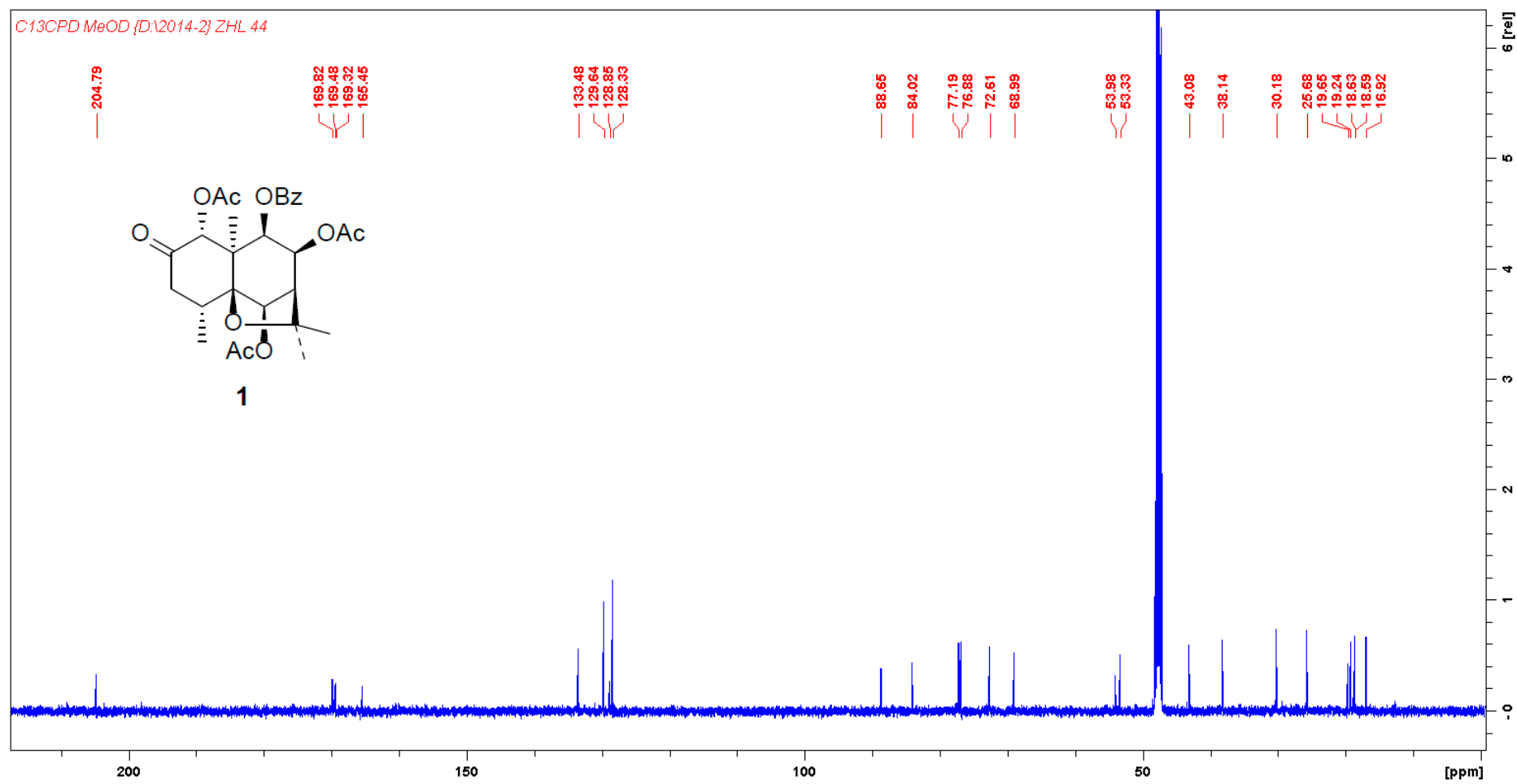


Figure S2. ^{13}C -NMR (CD₃OD, 125 MHz) spectrum of **1**.

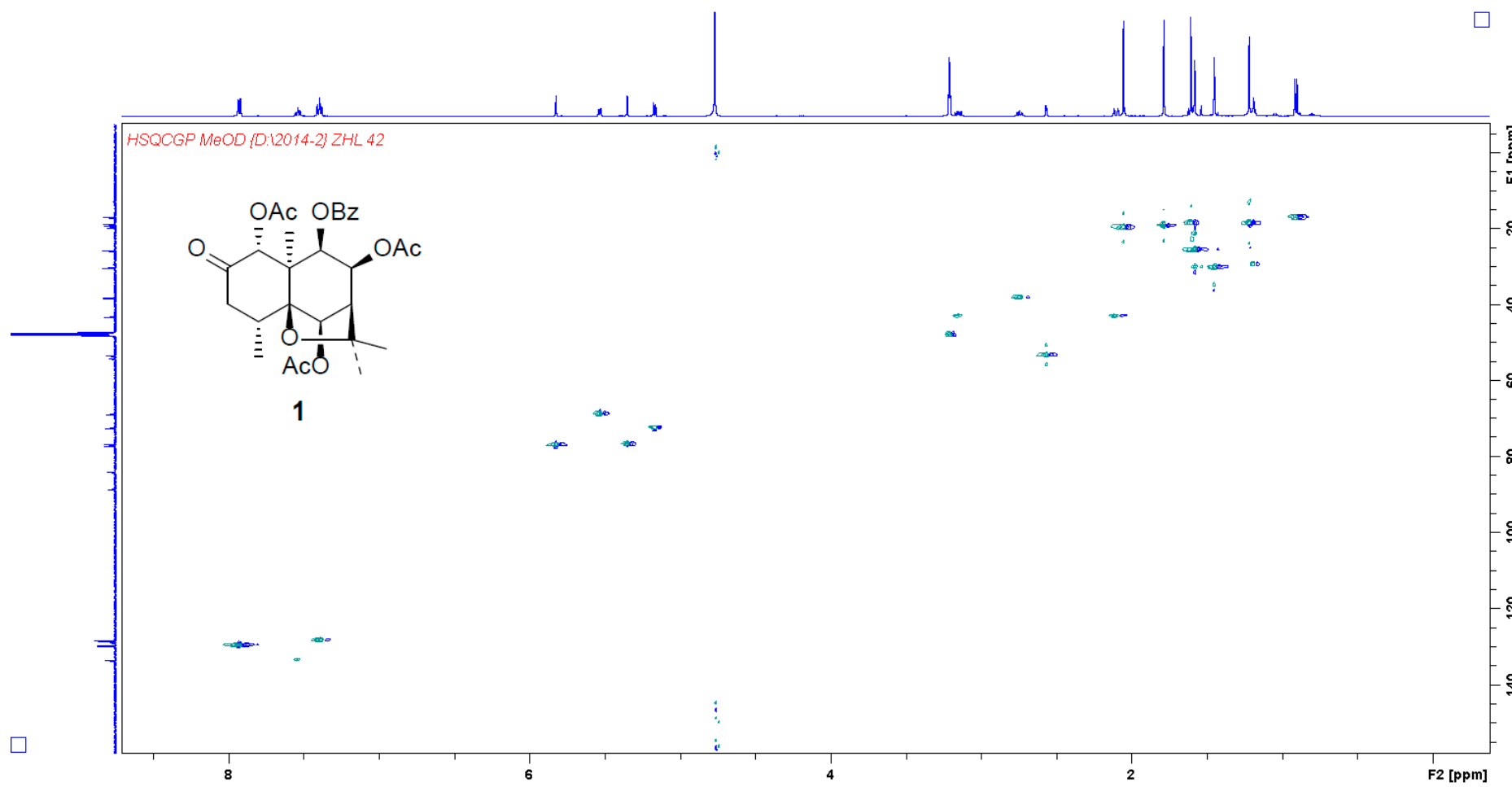


Figure S3. HSQC spectrum of **1**.

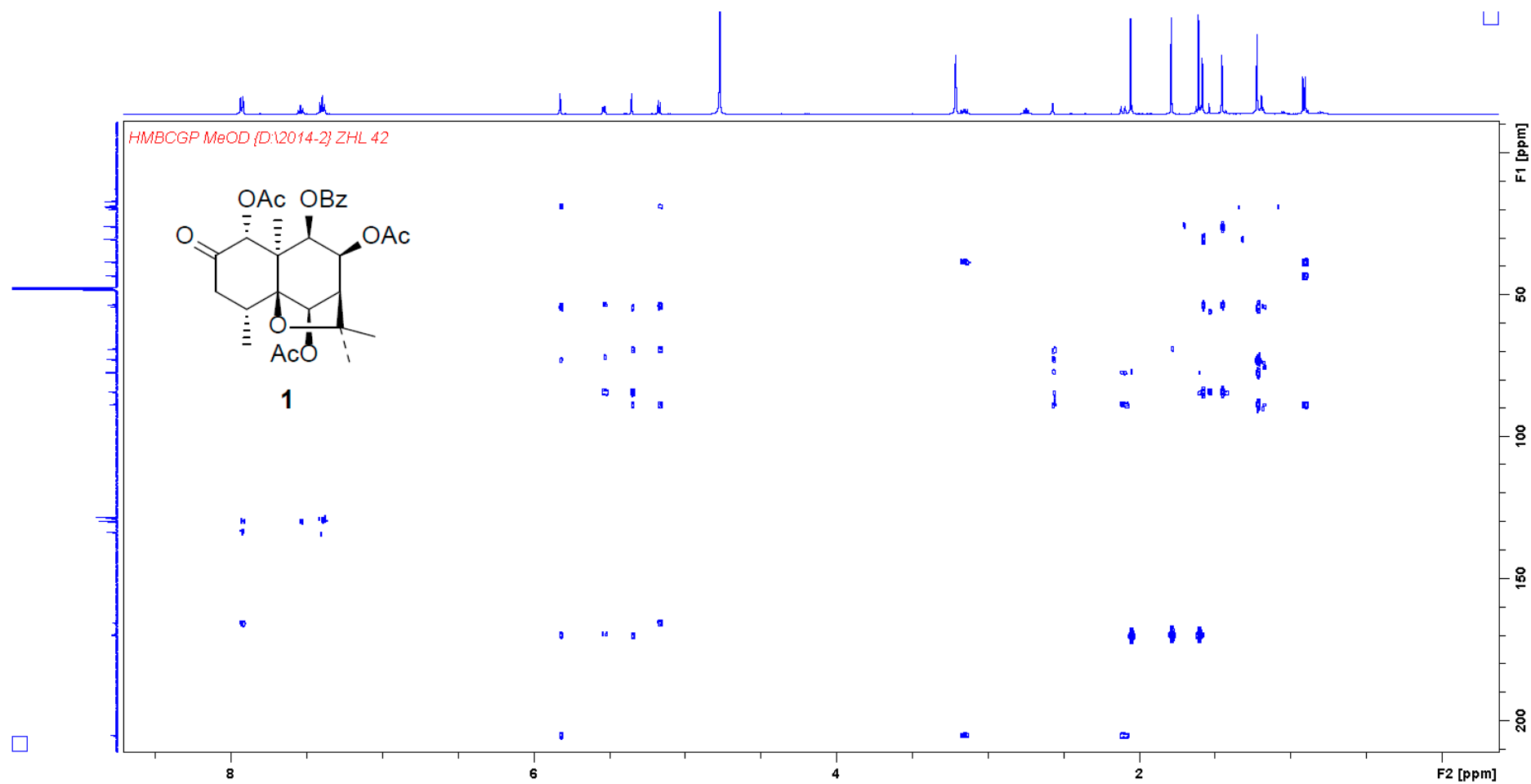


Figure S4. HMBC spectrum of 1.

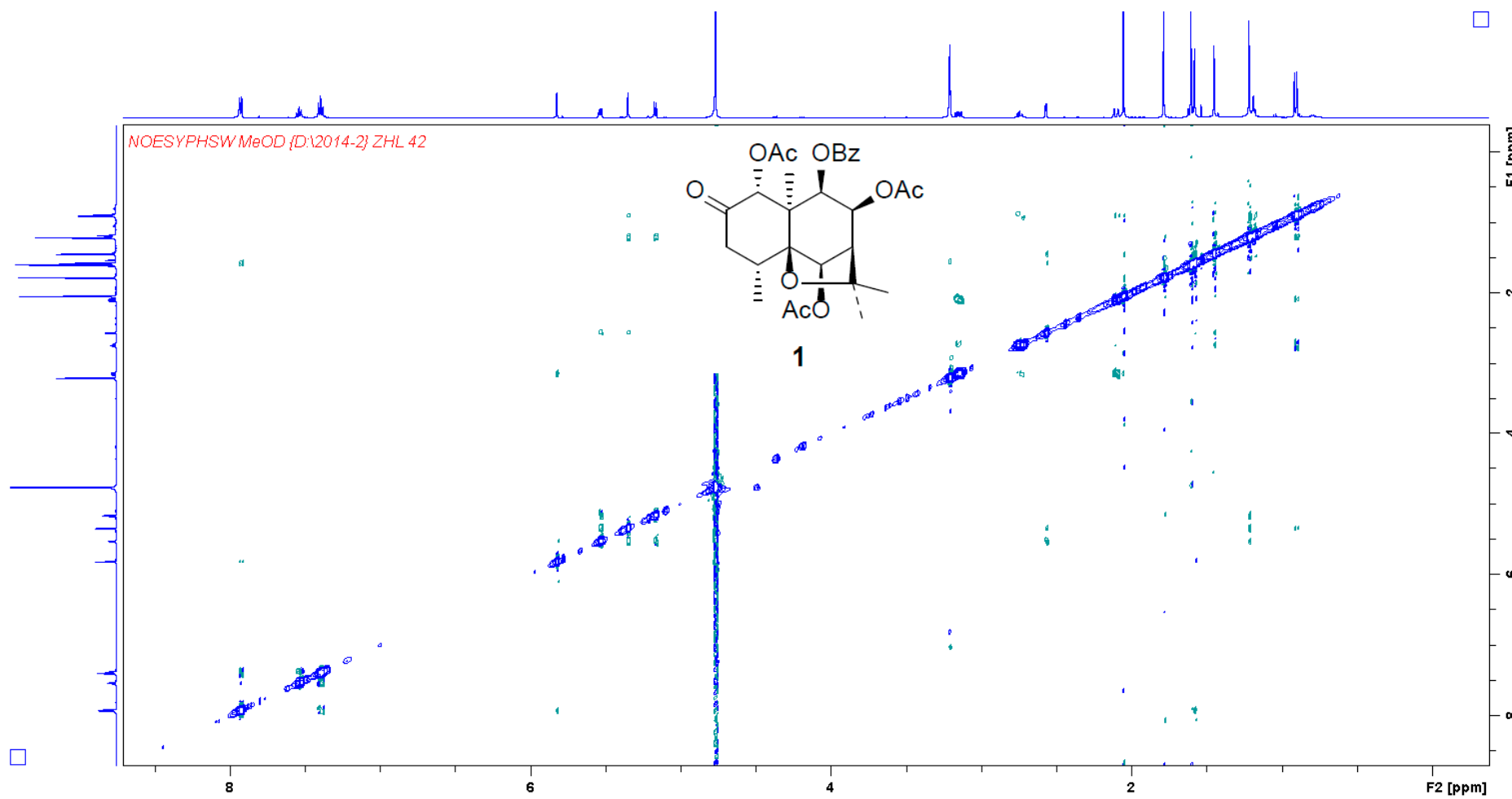


Figure S5. NOESY spectrum of **1**.

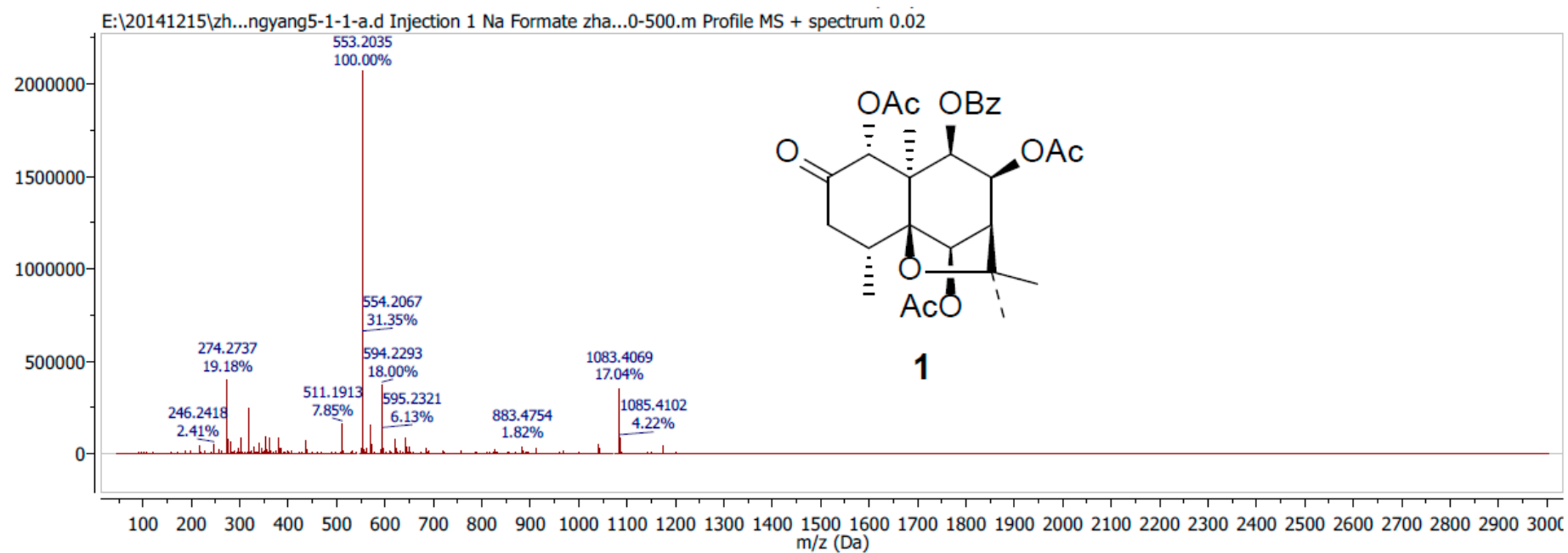


Figure S6. High-resolution mass spectrum of **1**.

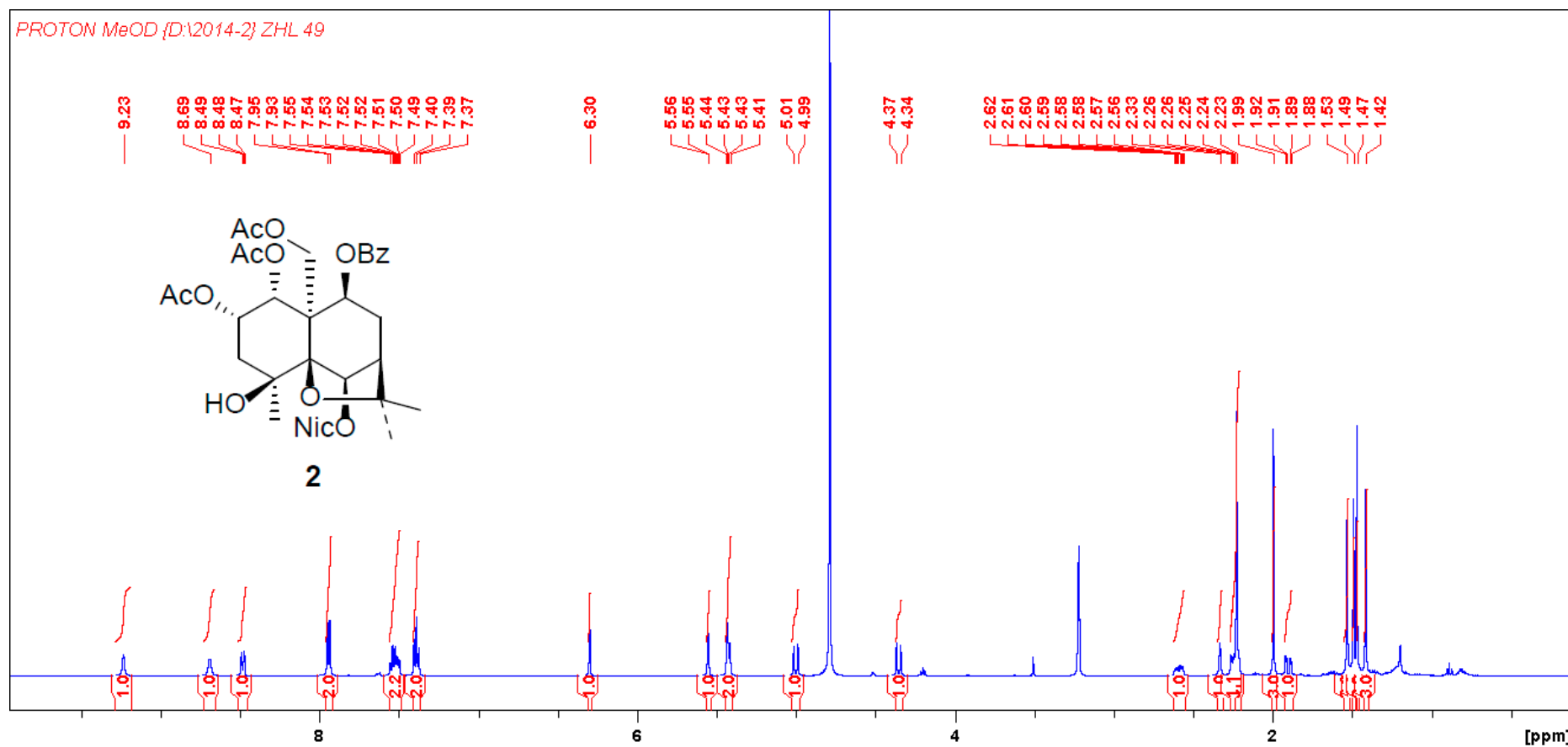


Figure S7. ^1H -NMR (CD_3OD , 500 MHz) spectrum of **2**.

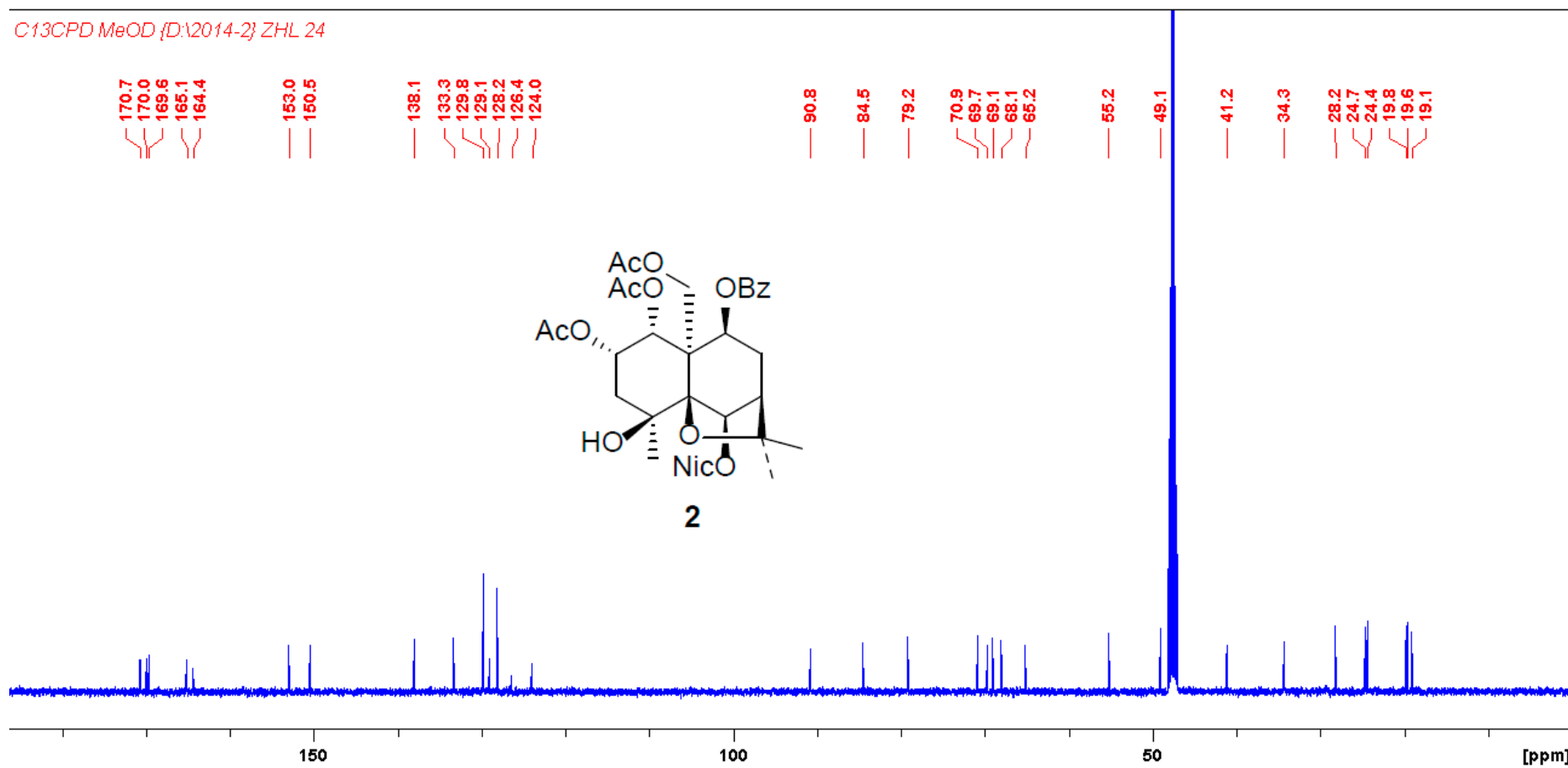


Figure S8. ^{13}C -NMR (CD_3OD , 125 MHz) spectrum of **2**.

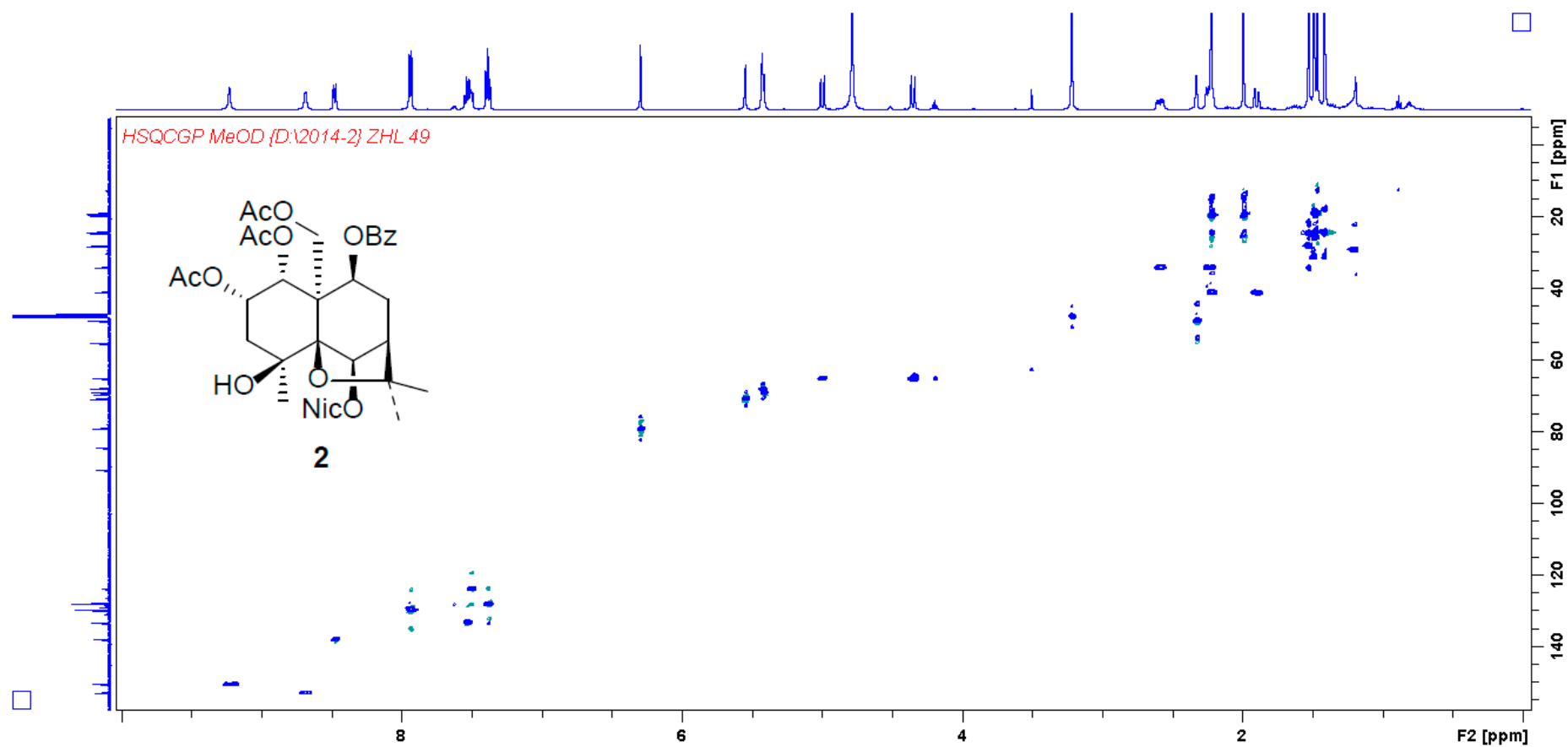


Figure S9. HSQC spectrum of **2**.

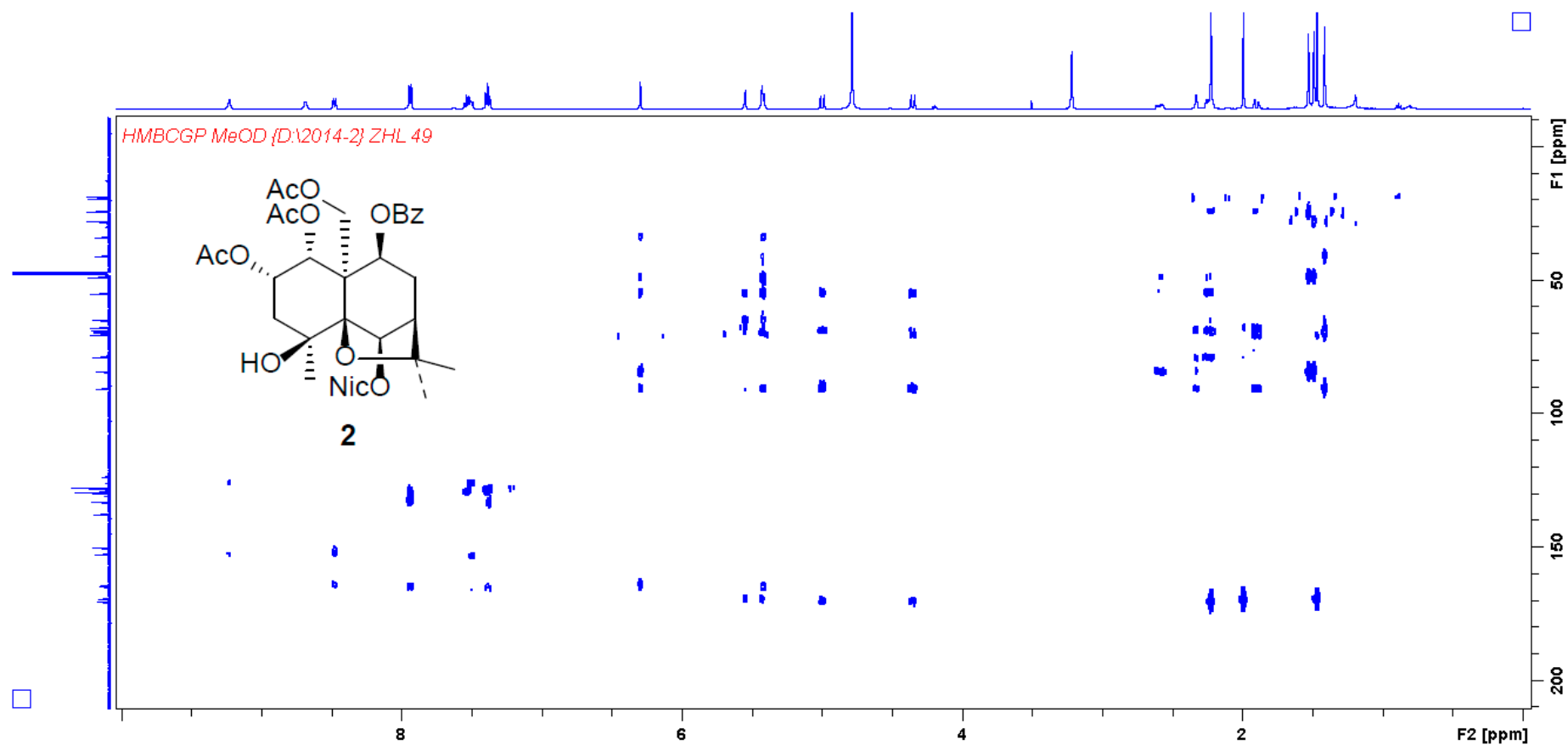


Figure S10. HMBC spectrum of **2**.

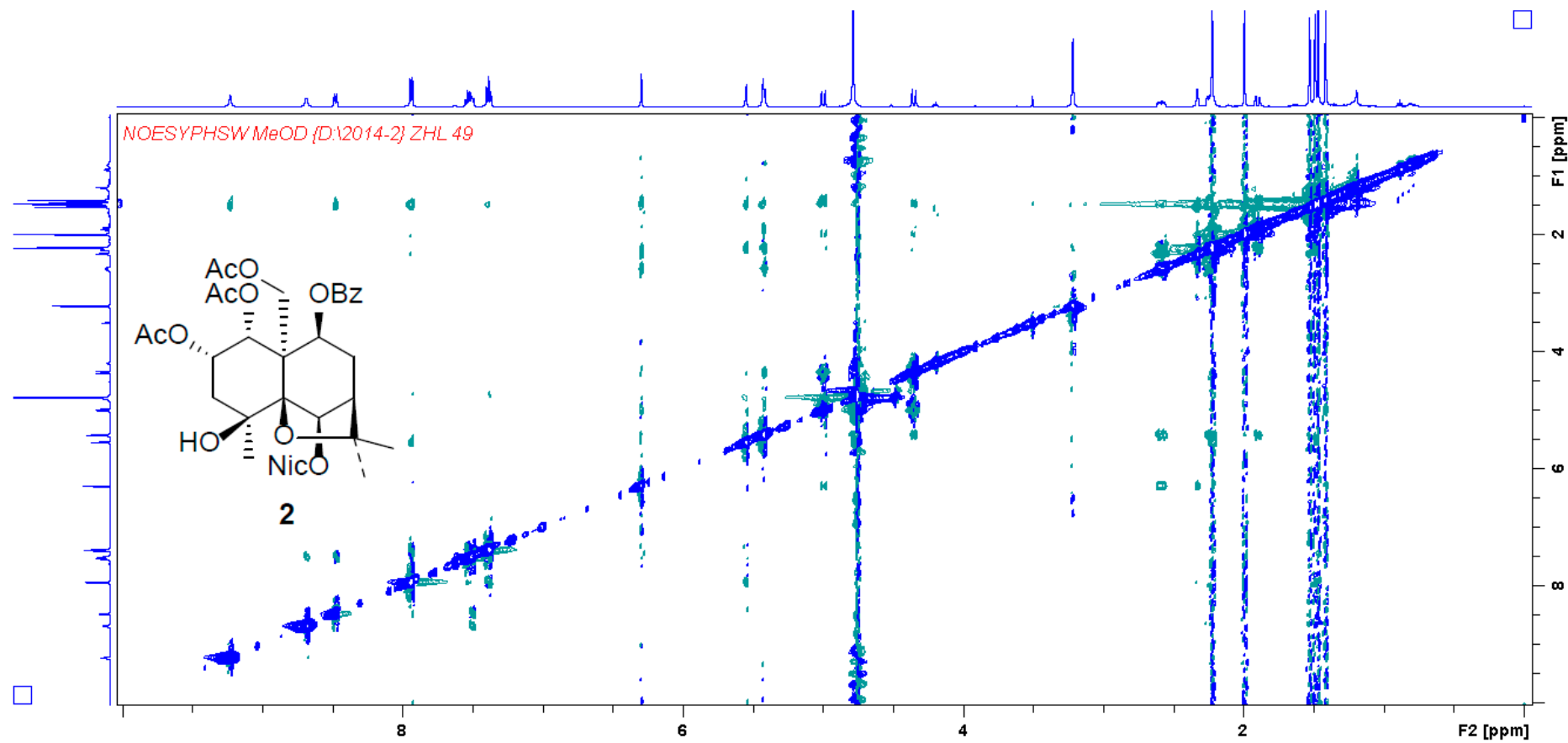


Figure S11. NOESY spectrum of **2**.

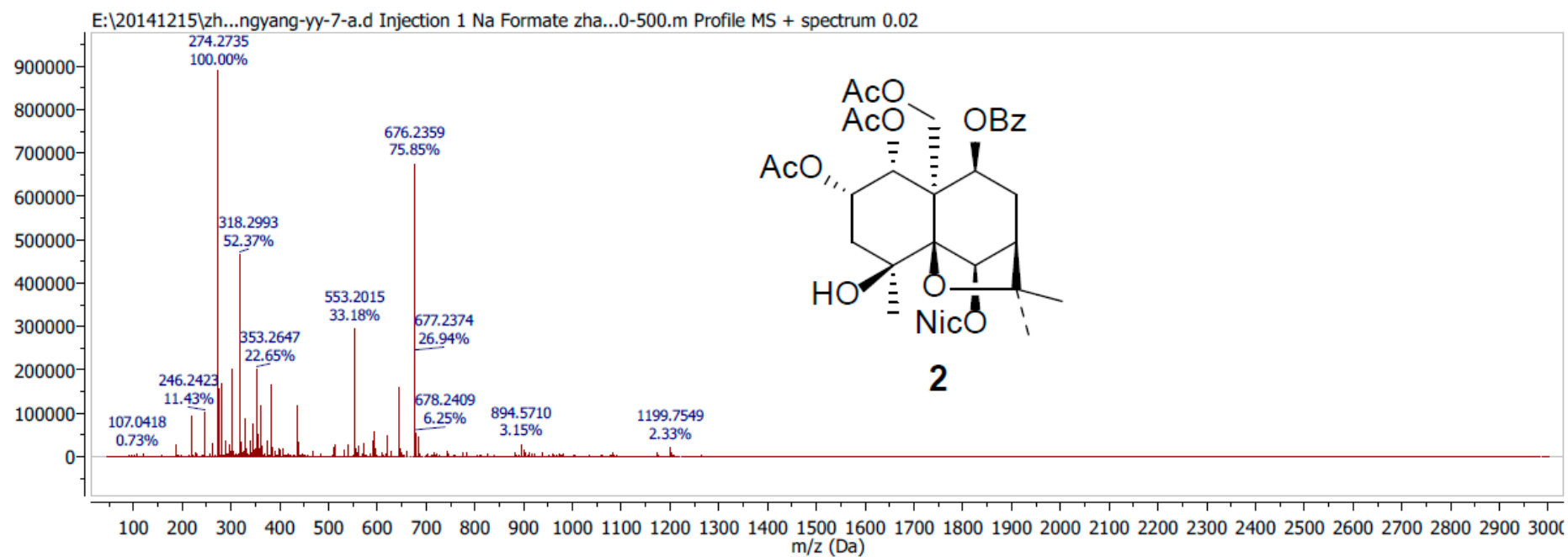


Figure S12. High-resolution mass spectrum of **2**.

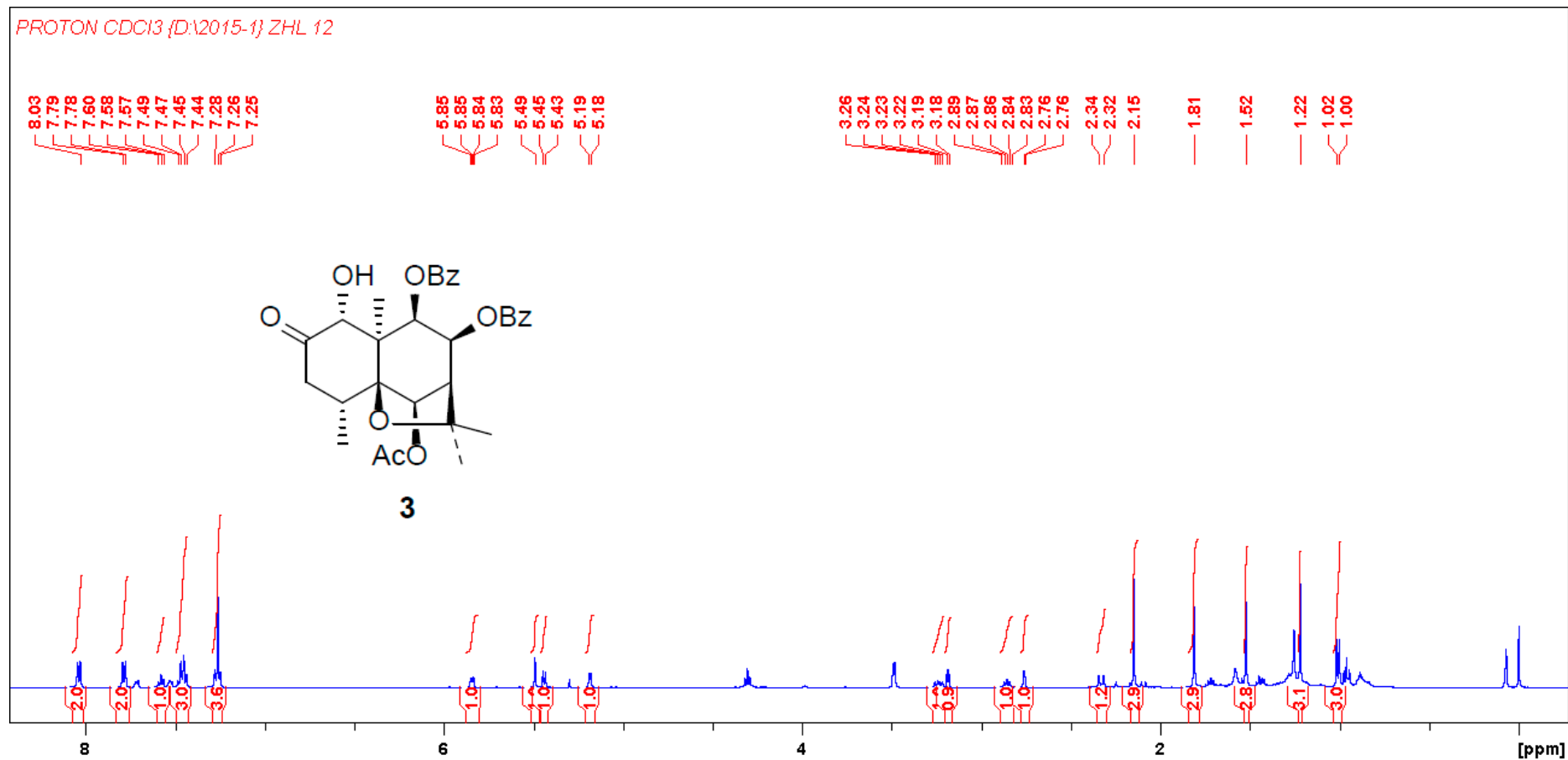


Figure S13. ¹H-NMR (CDCl₃, 500 MHz) spectrum of **3**.

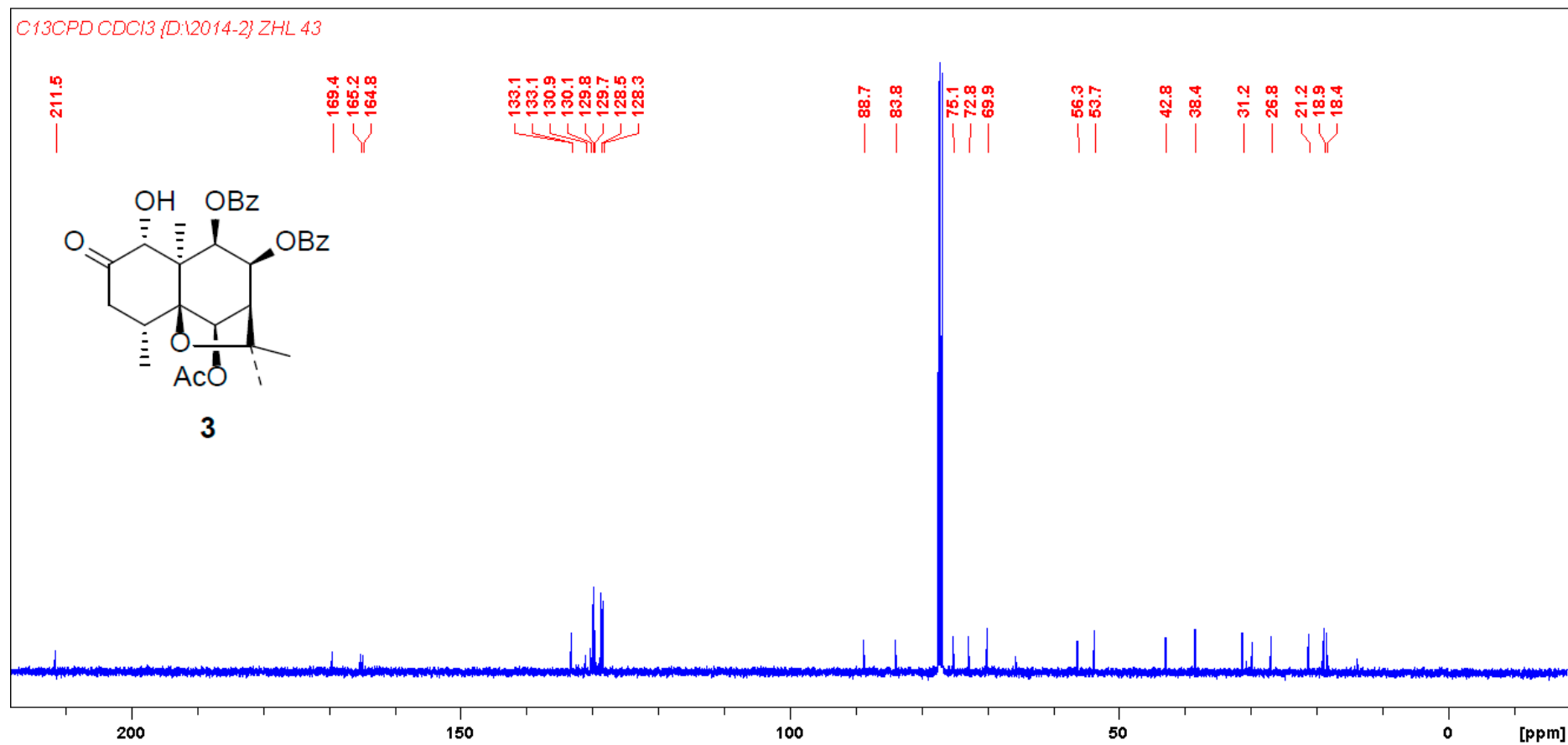


Figure S14. ^{13}C -NMR (CDCl_3 , 125 MHz) spectrum of **3**.

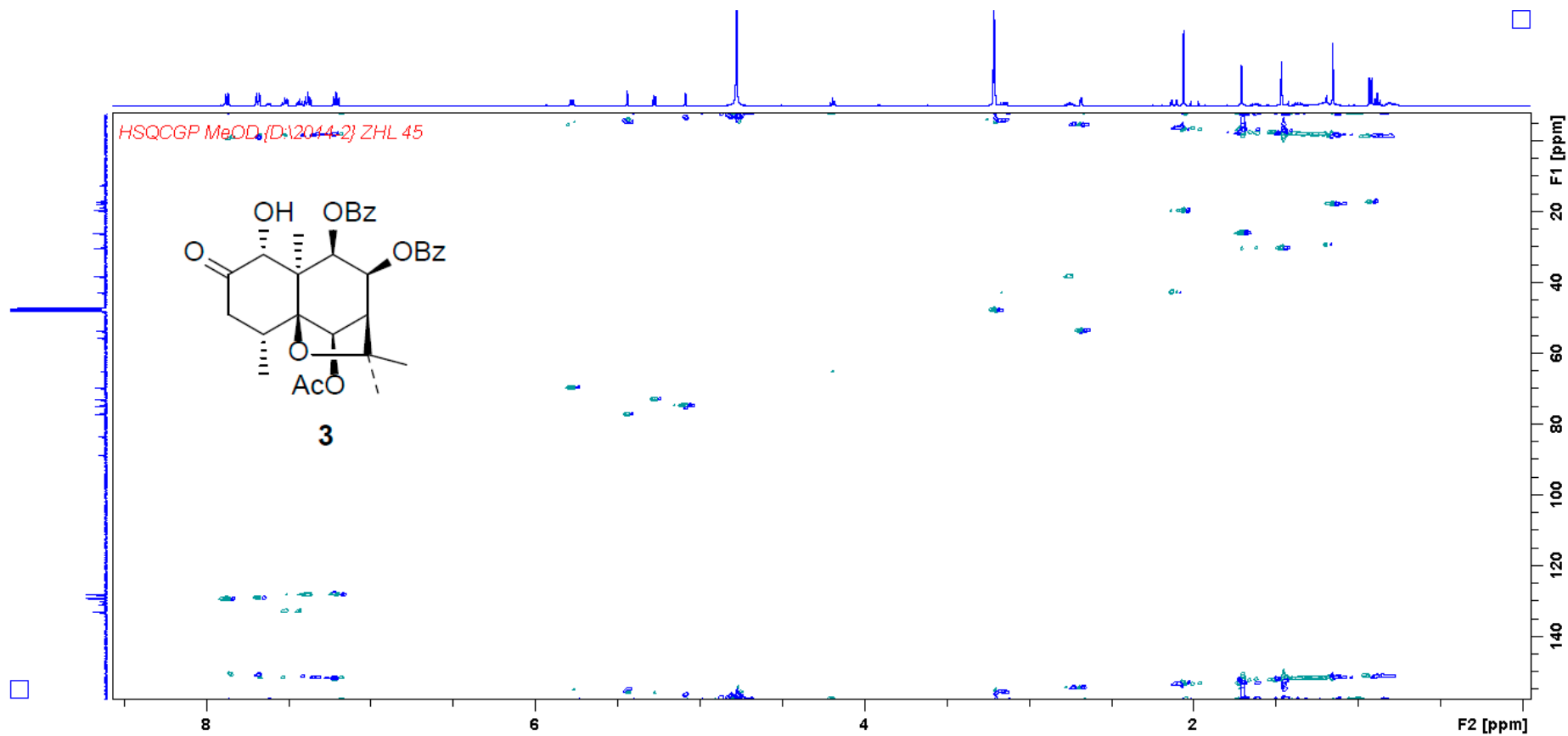


Figure S15. HSQC spectrum of **3**.

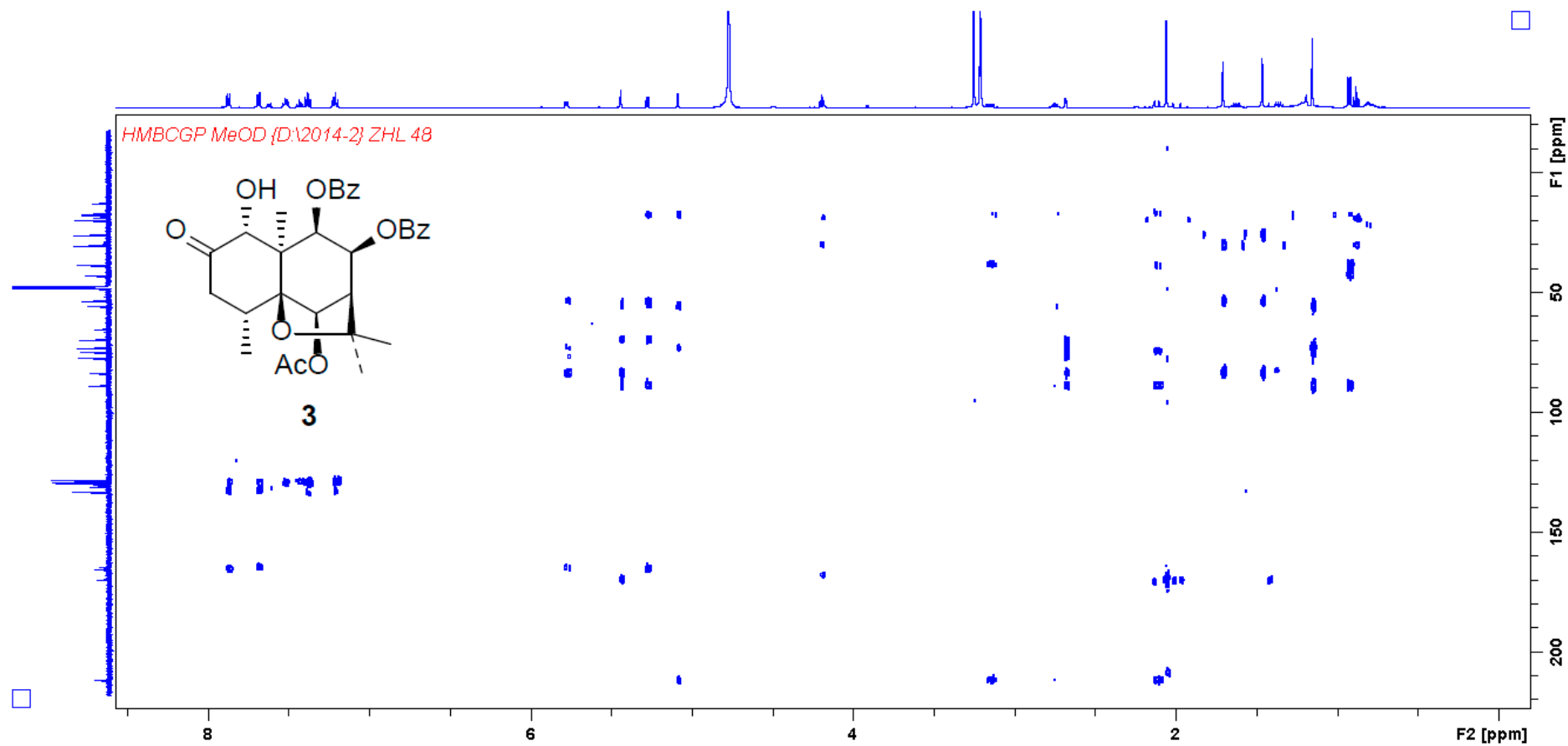


Figure S16. HMBC spectrum of **3**.

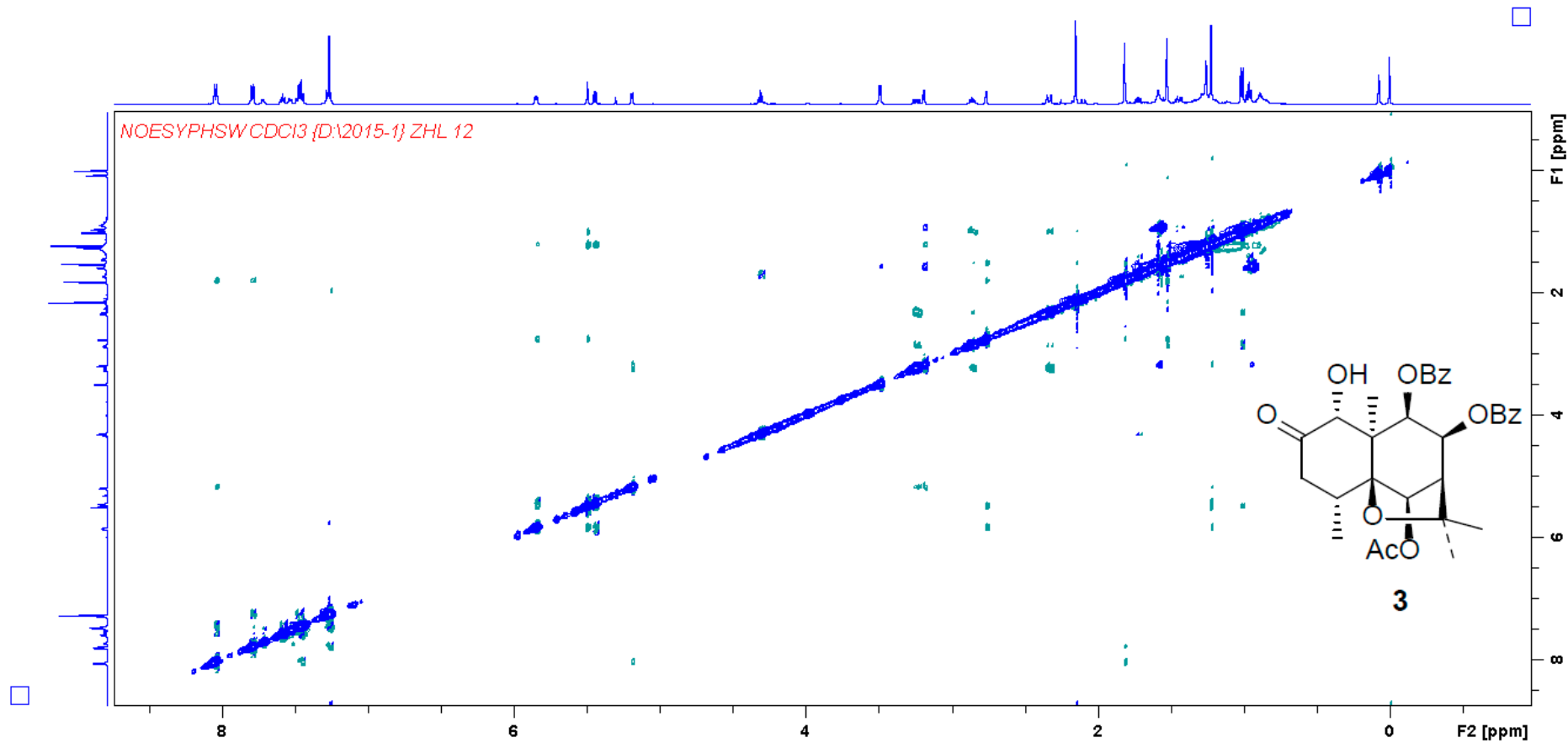


Figure S17. NOESY spectrum of **3**.

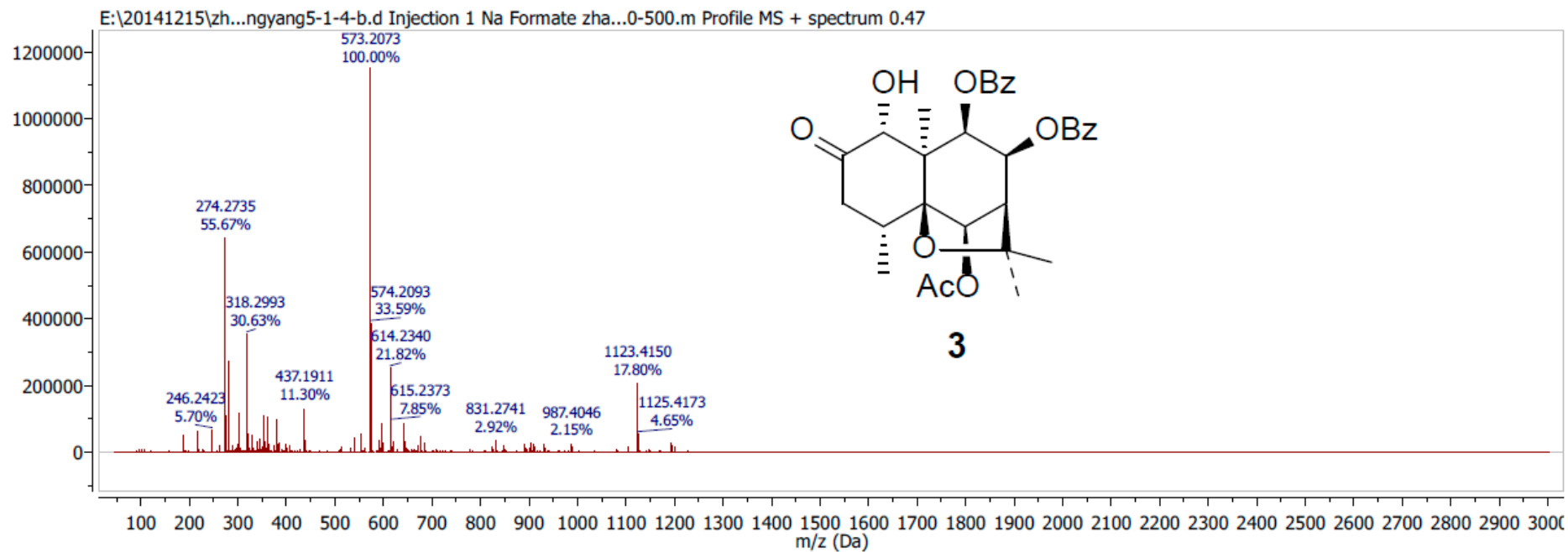


Figure S18. High-resolution mass spectrum of **3**.

Figure S19. ^1H -NMR (CDCl_3 , 500 MHz) spectrum of **4**.

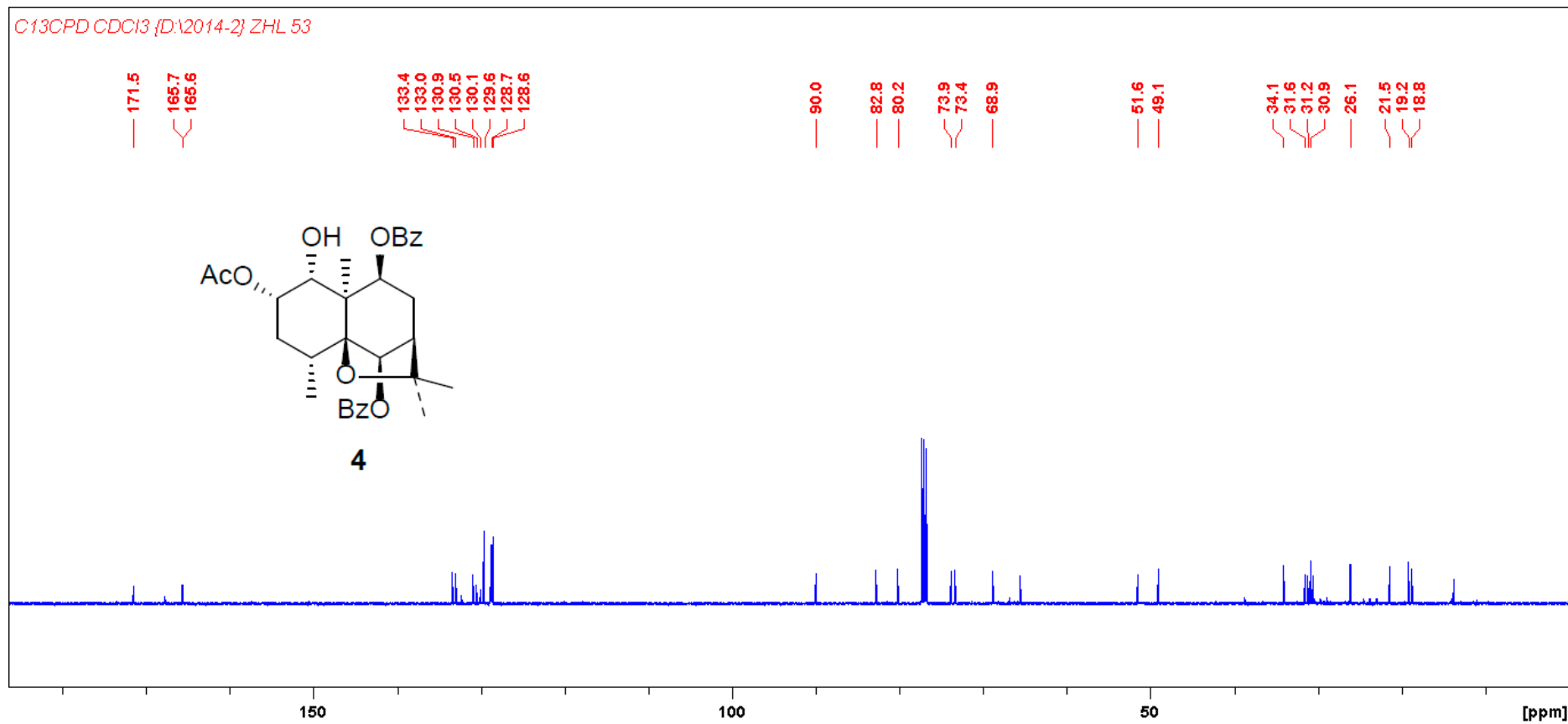


Figure S20. ^{13}C -NMR (CDCl_3 , 125 MHz) spectrum of **4**.

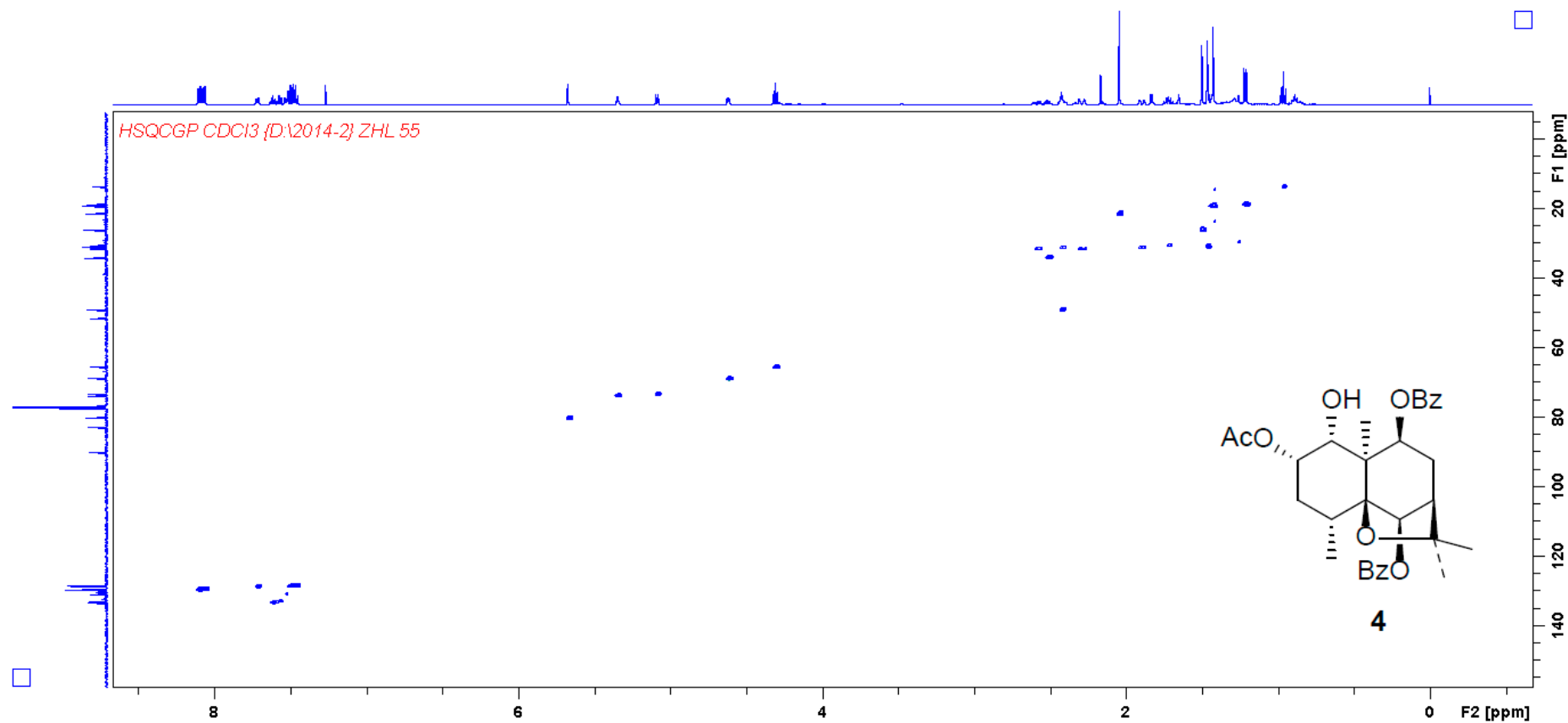


Figure S21. HSQC spectrum of **4**.

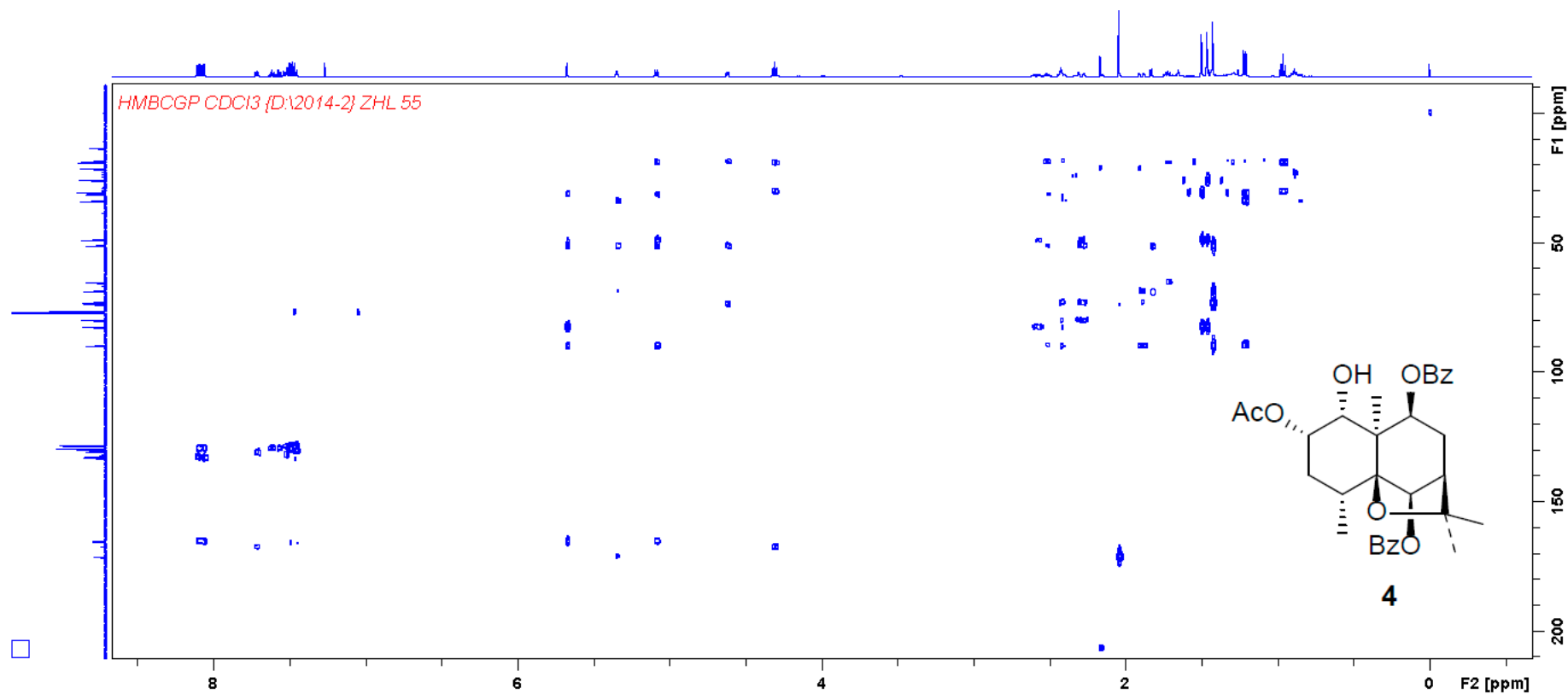


Figure S22. HMBC spectrum of **4**.

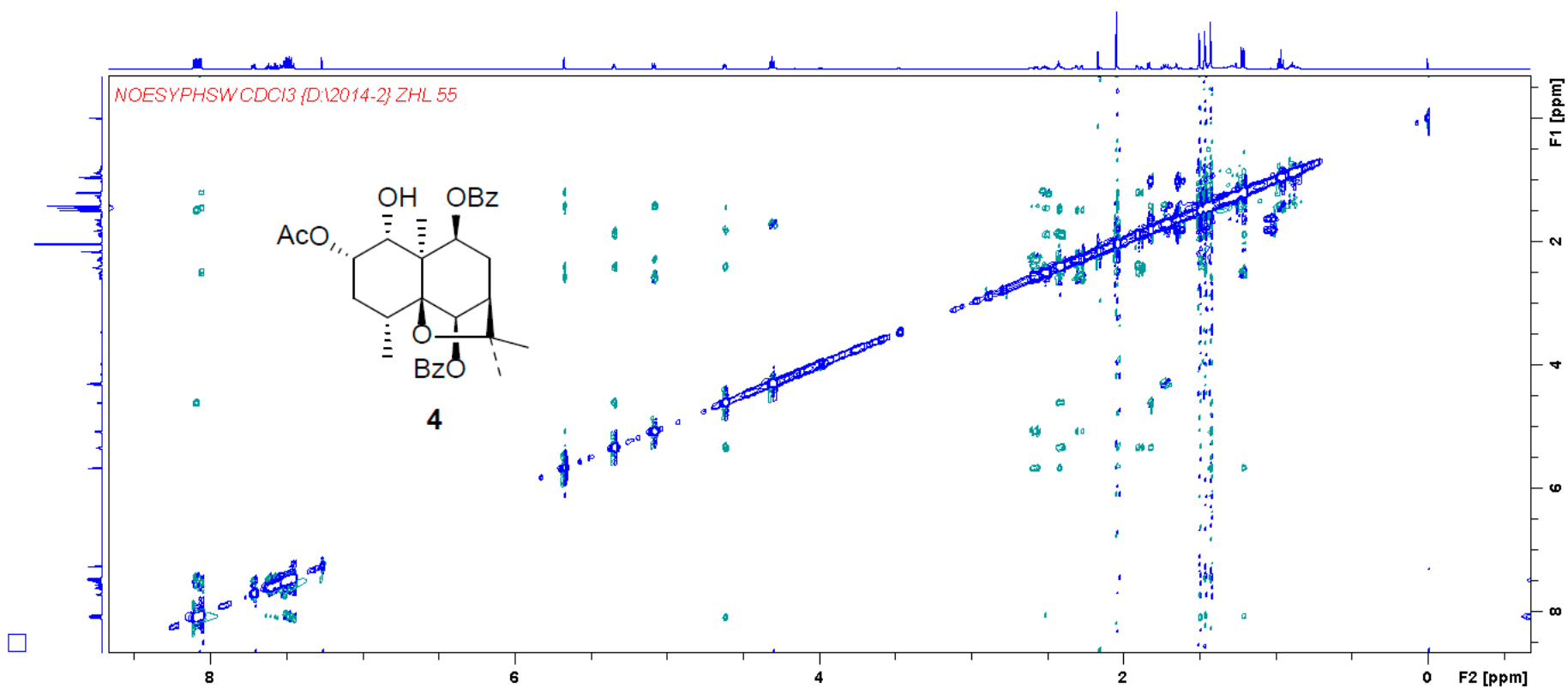


Figure S23. NOESY spectrum of **4**.

[ZL]-51861 #5-9 RT: 0.02-0.03 AV: 5 NL: 2.31E5
T: ITMS + c ESI sid=35.00 Full ms [50.00-2000.00]

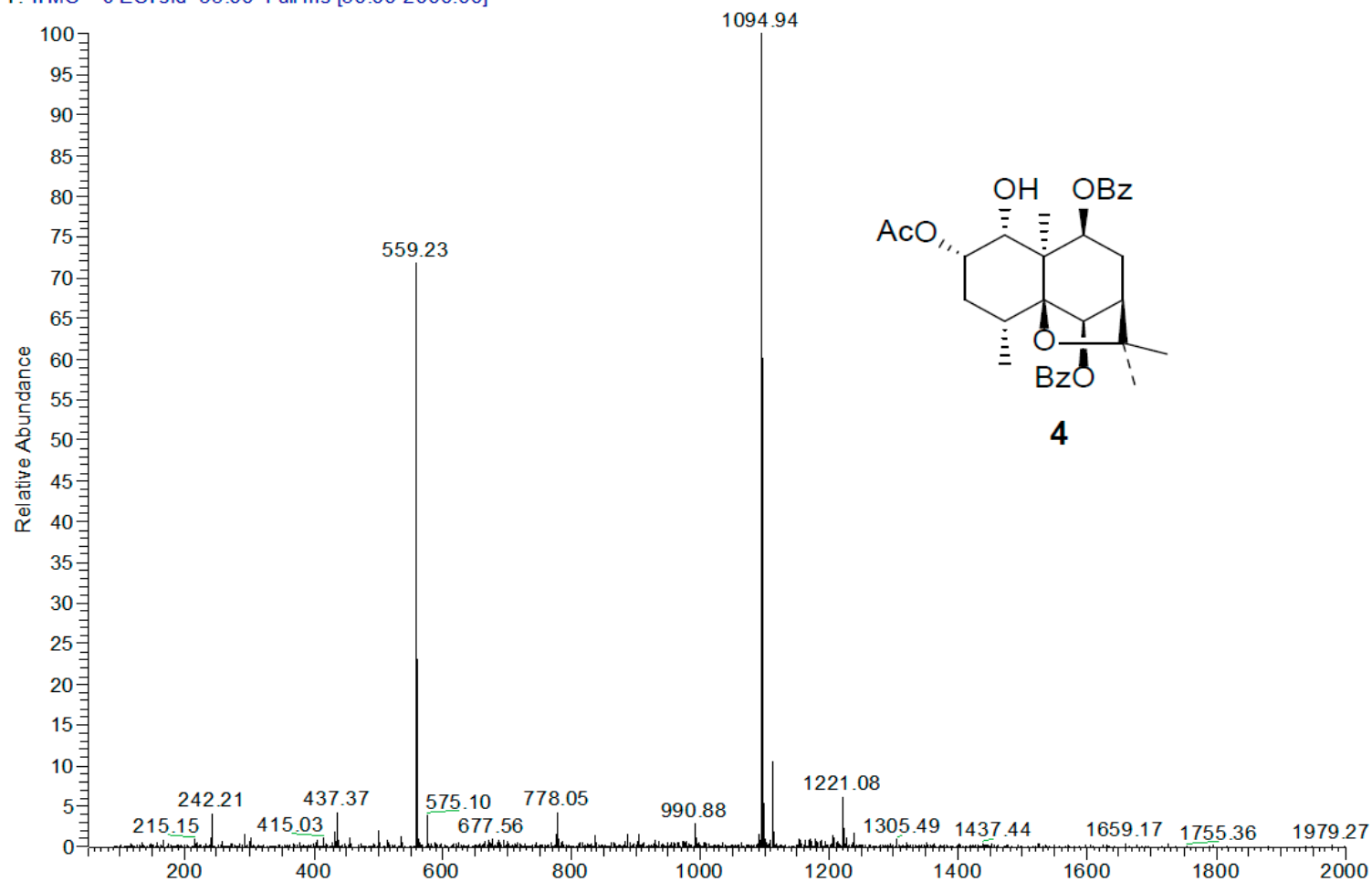


Figure S24. ESI-MS spectrum of **4**.