Supporting Information

Cytotoxic polyketides from the marine sponge-derived fungus *Pestalotiopsis heterocornis* XWS03F09

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[1] These authors contributed equally to this work.

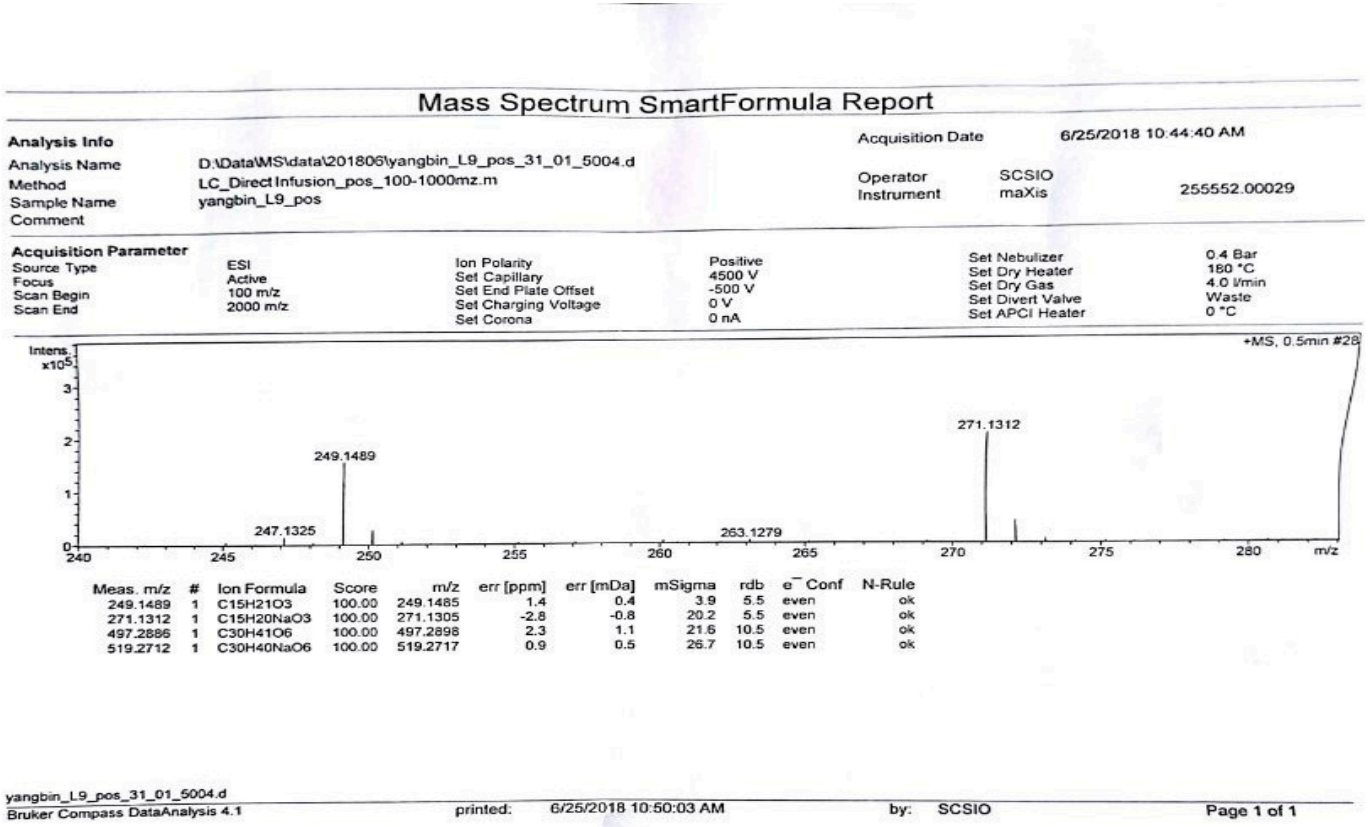

Figure 1. HRESI-MS spectrum of the new compound **1.**

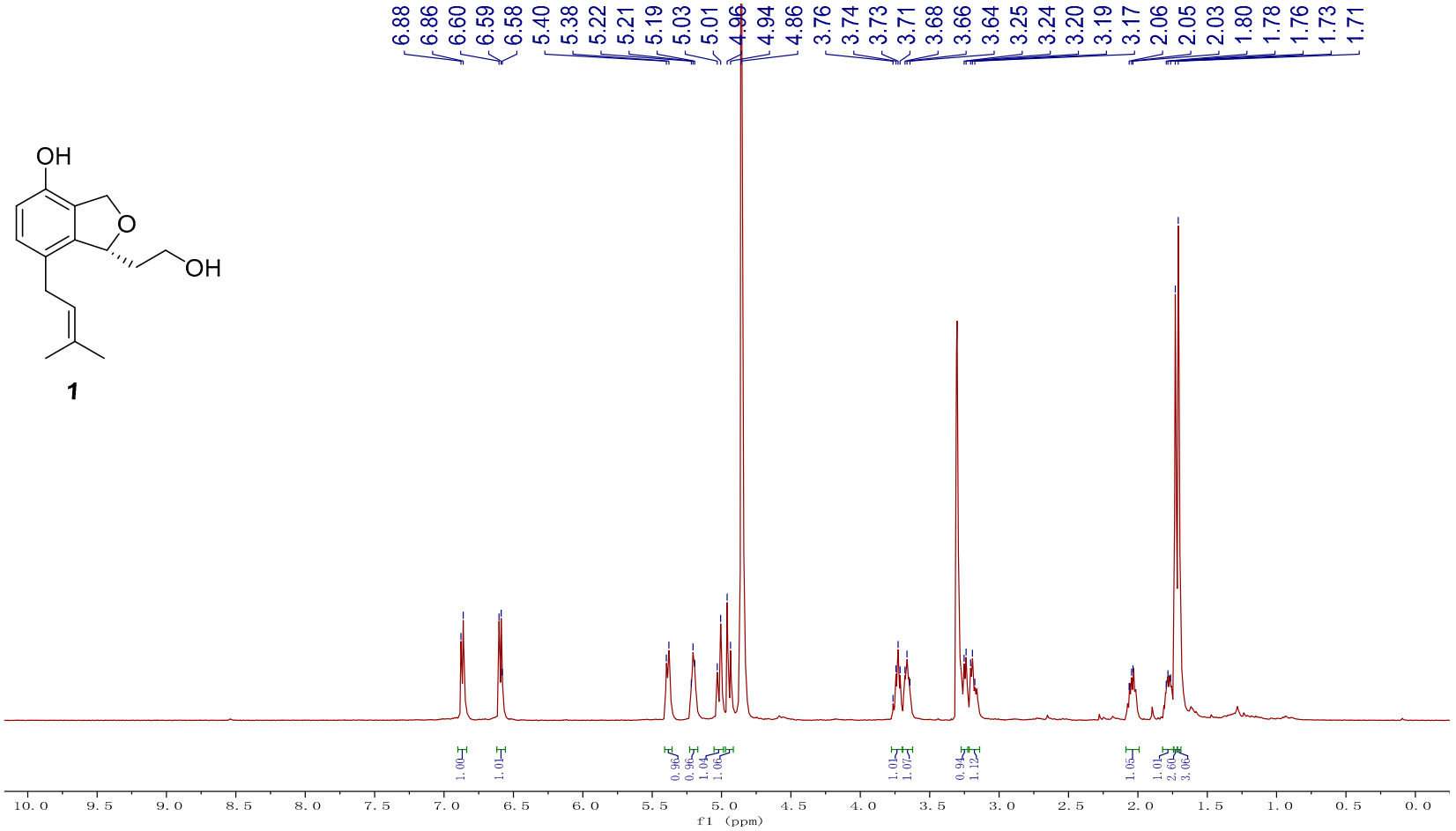

Figure S2. ^{1}H NMR (600 MHz, CD_3OD) spectrum of the new compound **1**

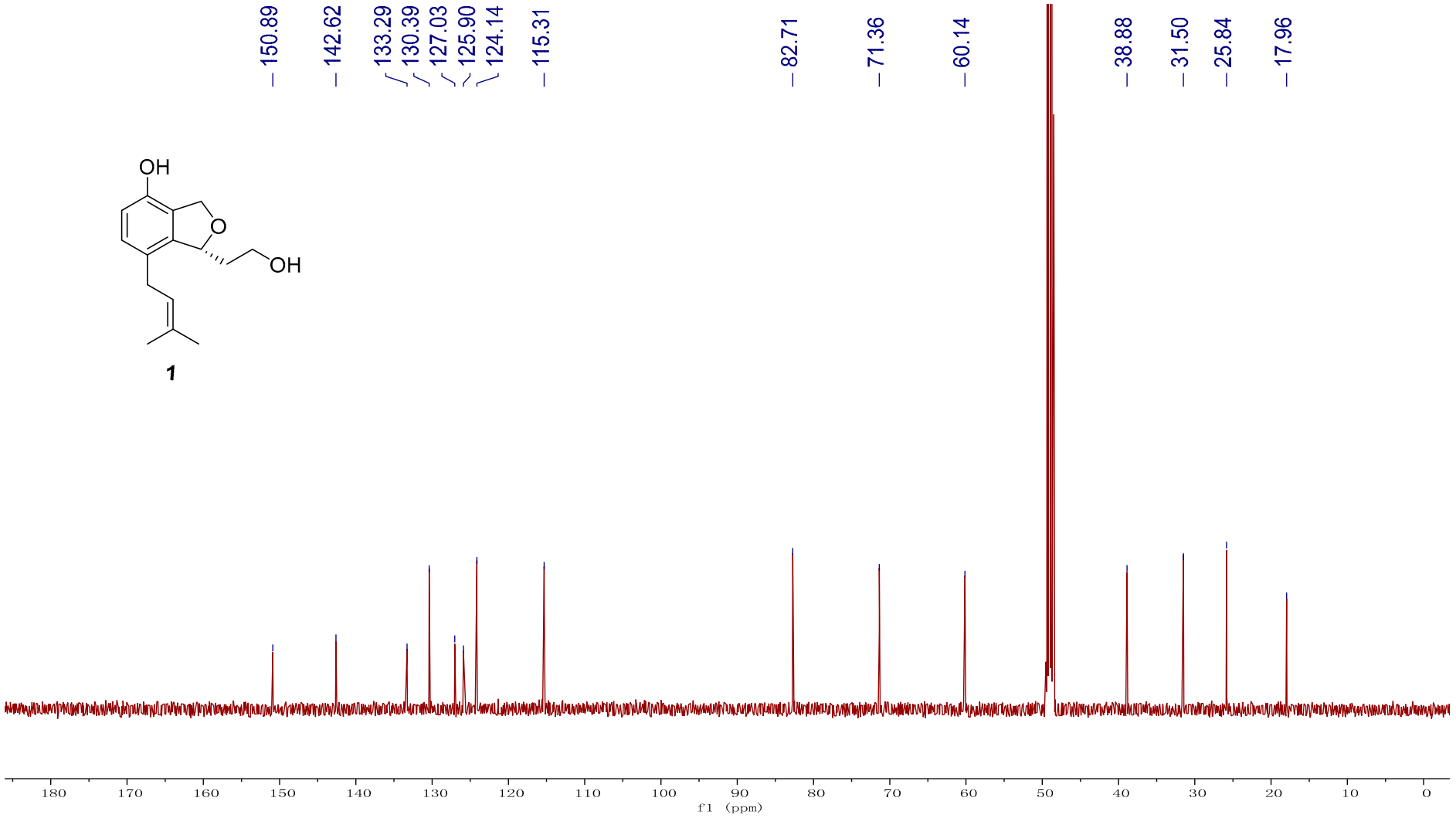

Figure S3. ^{13}C NMR (150 MHz, CD_3OD) spectrum of the new compound **1**

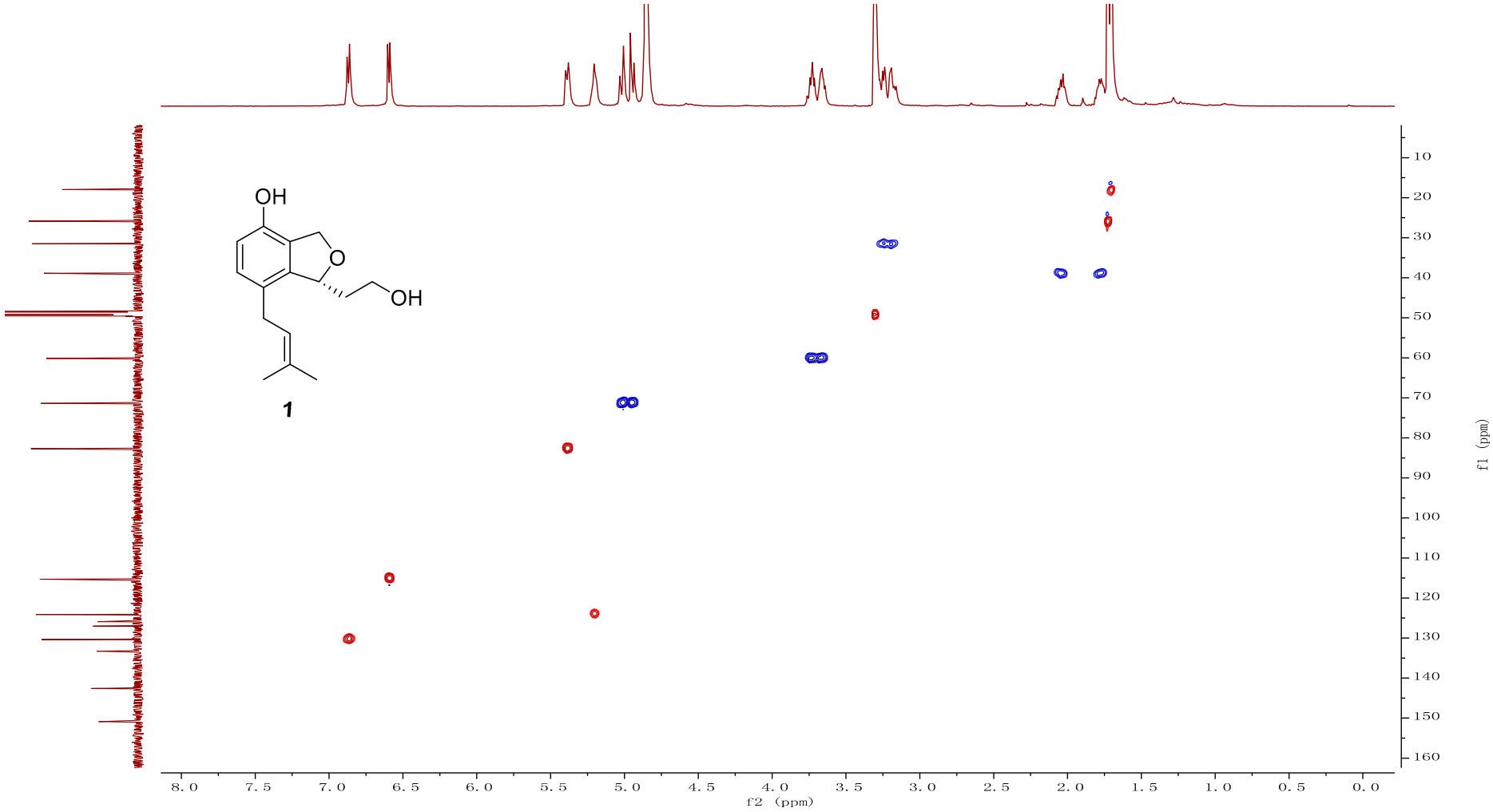

Figure S4. HSQC spectrum of the new compound **1**

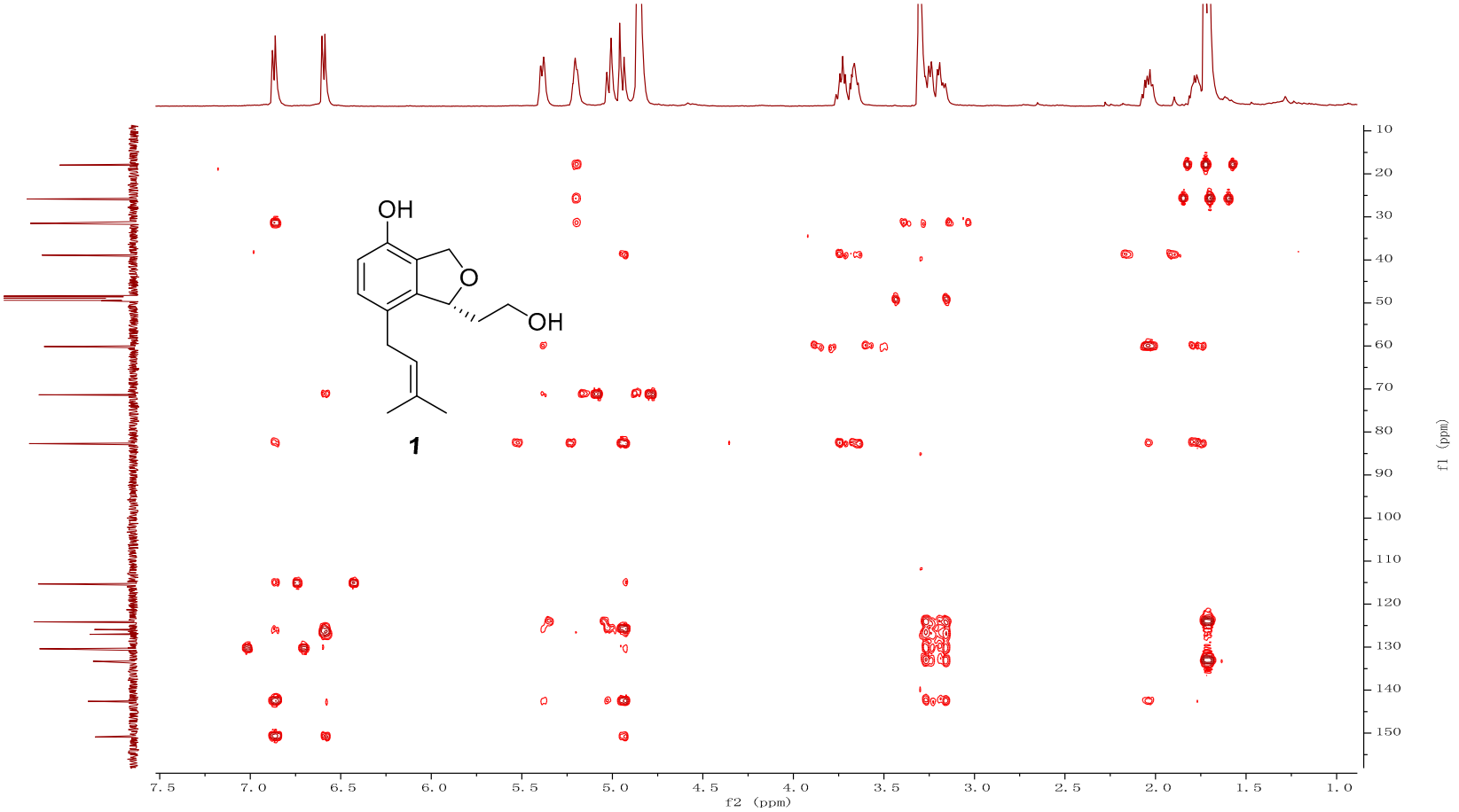

Figure S5. HMBC spectrum of the new compound **1**

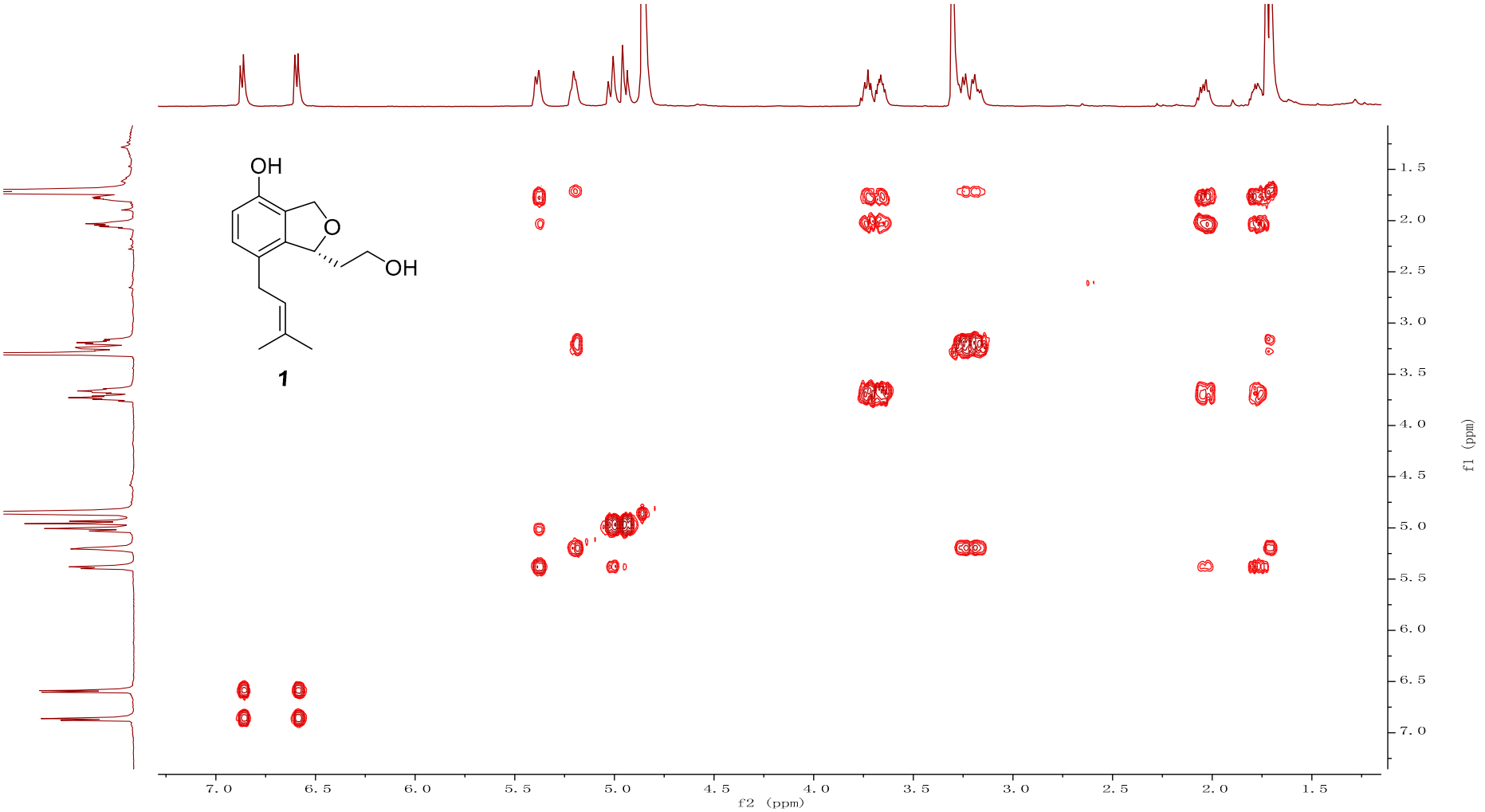

Figure S6. COSY spectrum of the new compound **1**

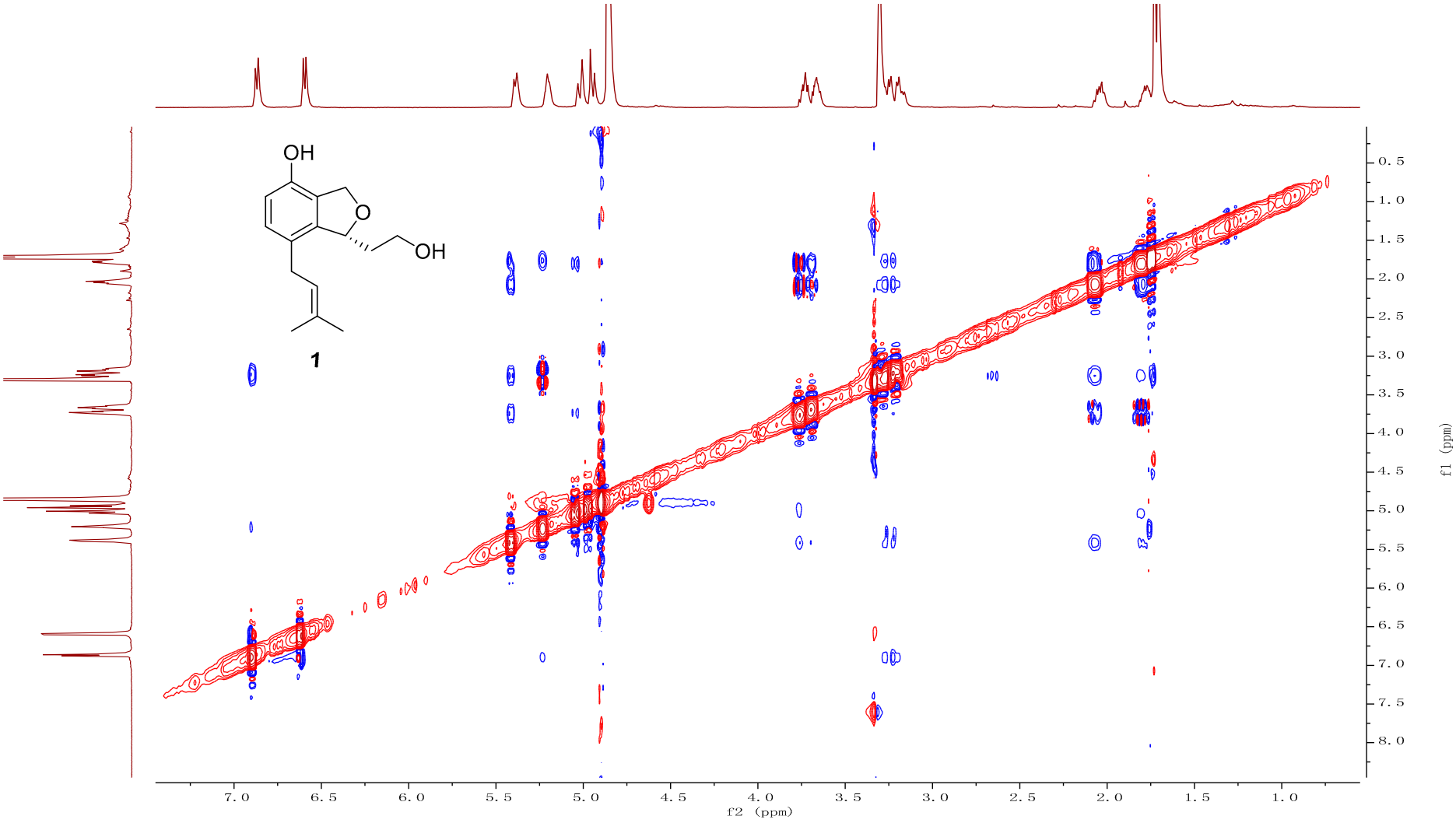

Figure S7. NOESY spectrum of the new compound **1**

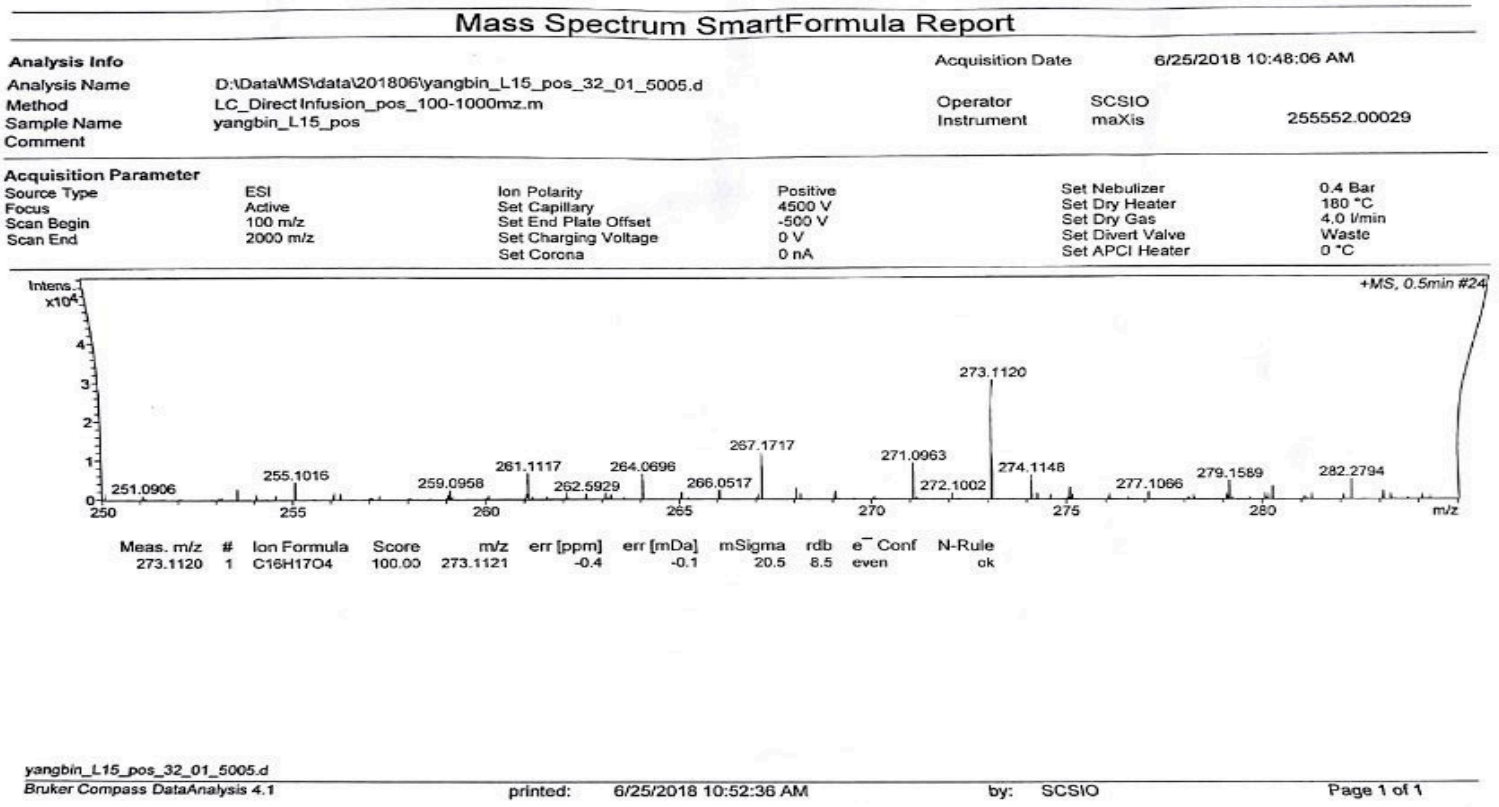

Figure S8. HRESI-MS spectrum of the new compound **2**

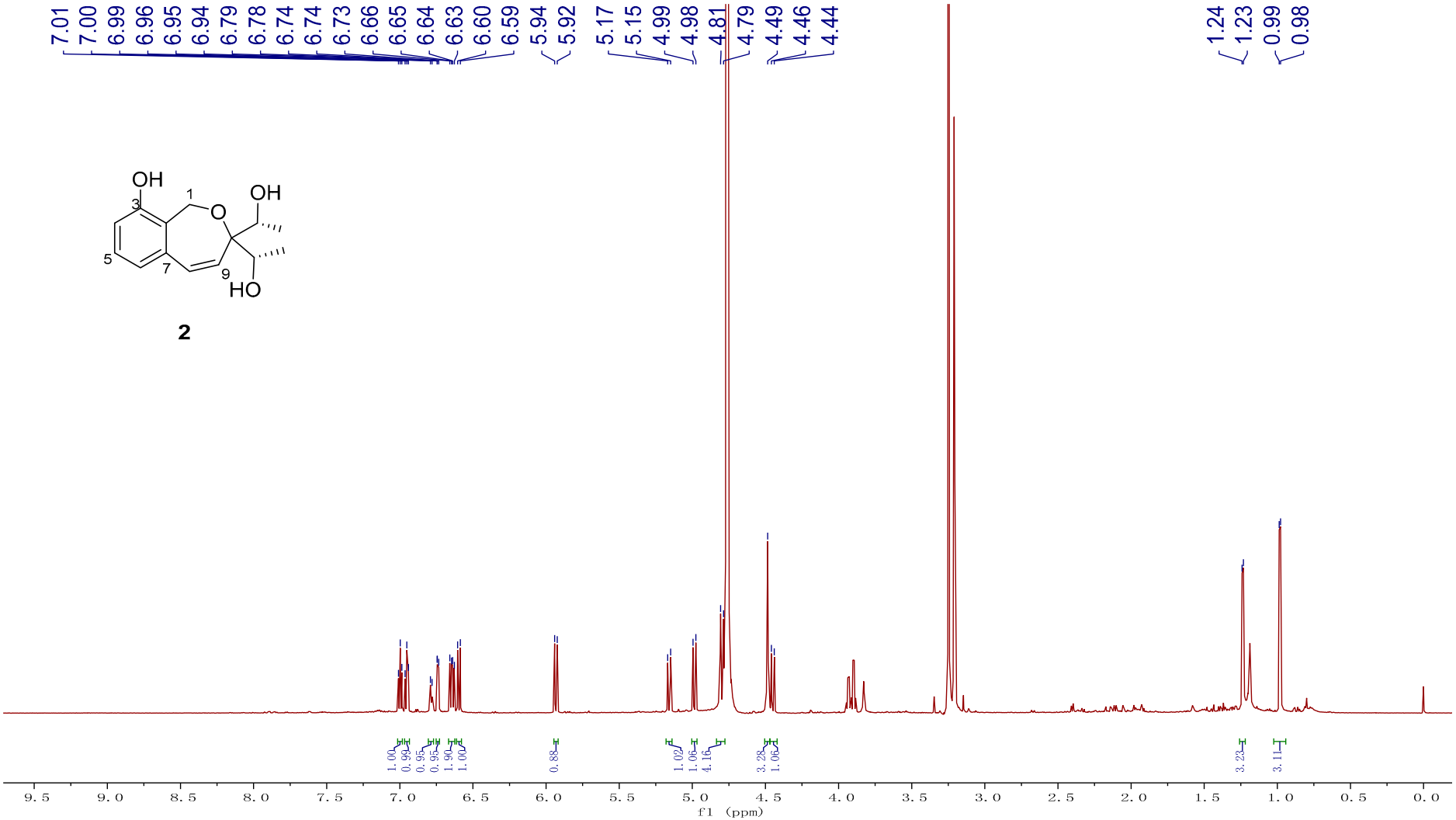

Figure S9. ^{1}H NMR (600 MHz, CD_3OD) spectrum of the new compound **2**

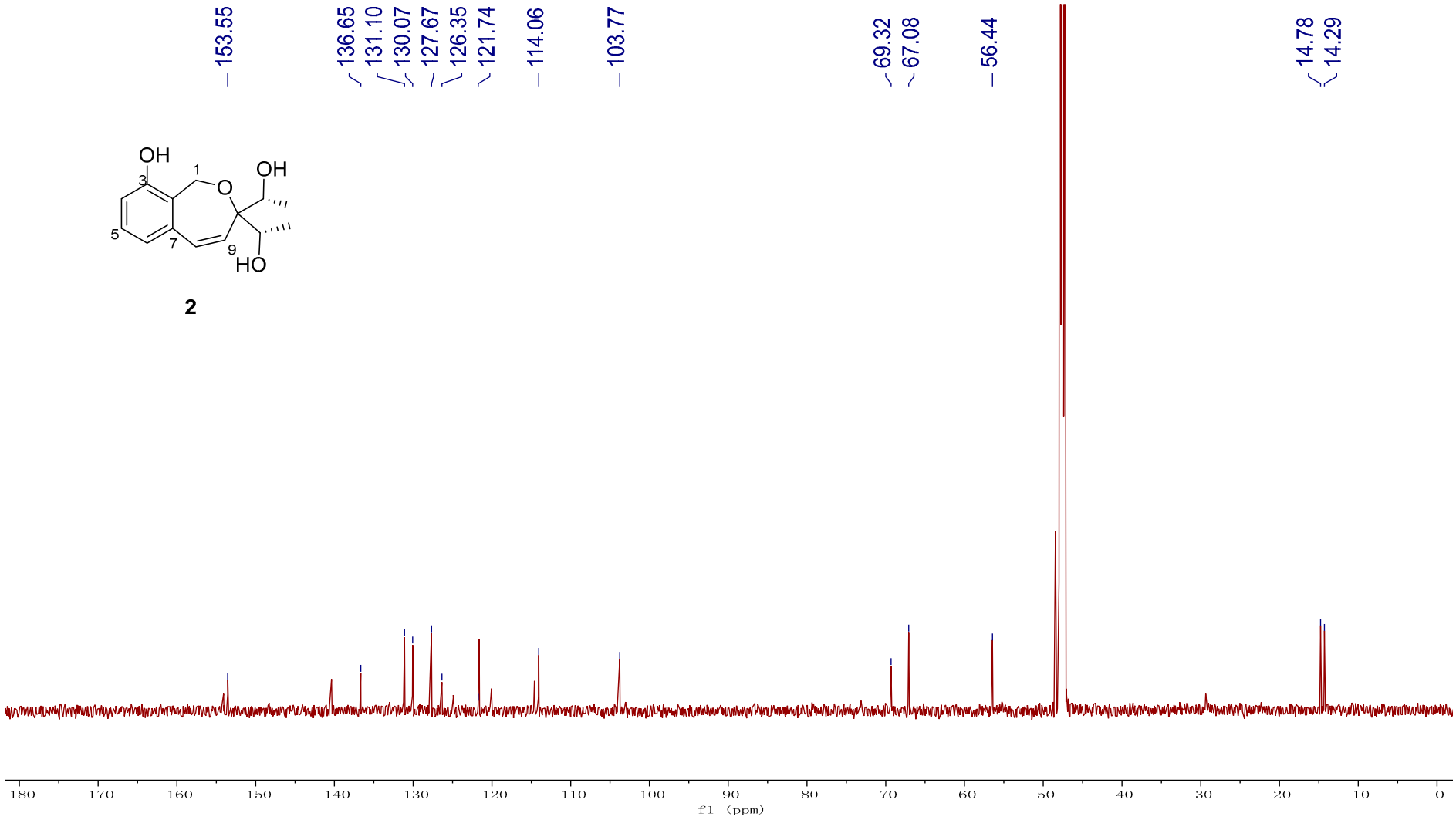

Figure S10. ^{13}C NMR (150 MHz, CD_3OD) spectrum of the newcompound **2**

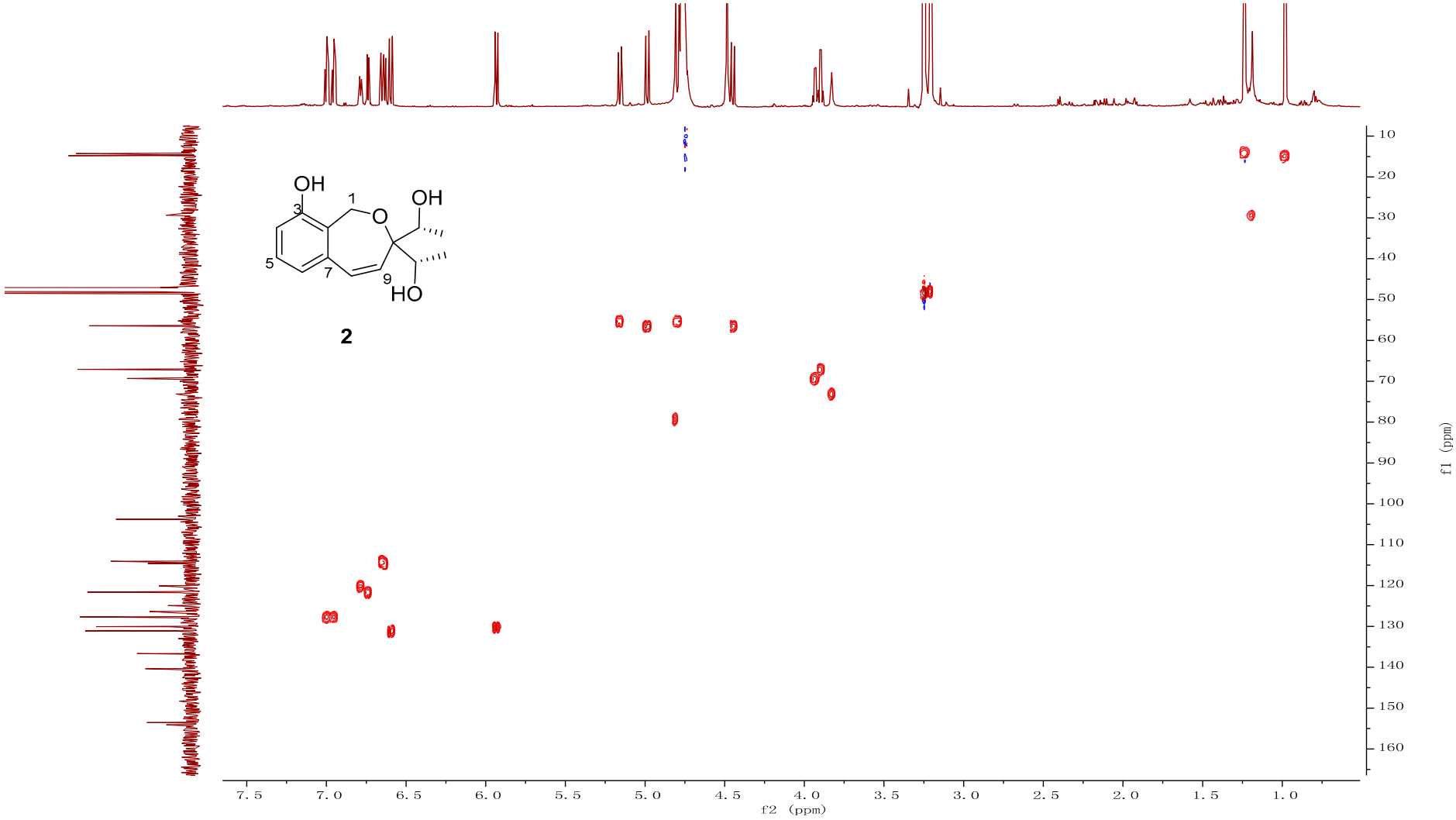

Figure S11. HSQC spectrum of the new compound **2**

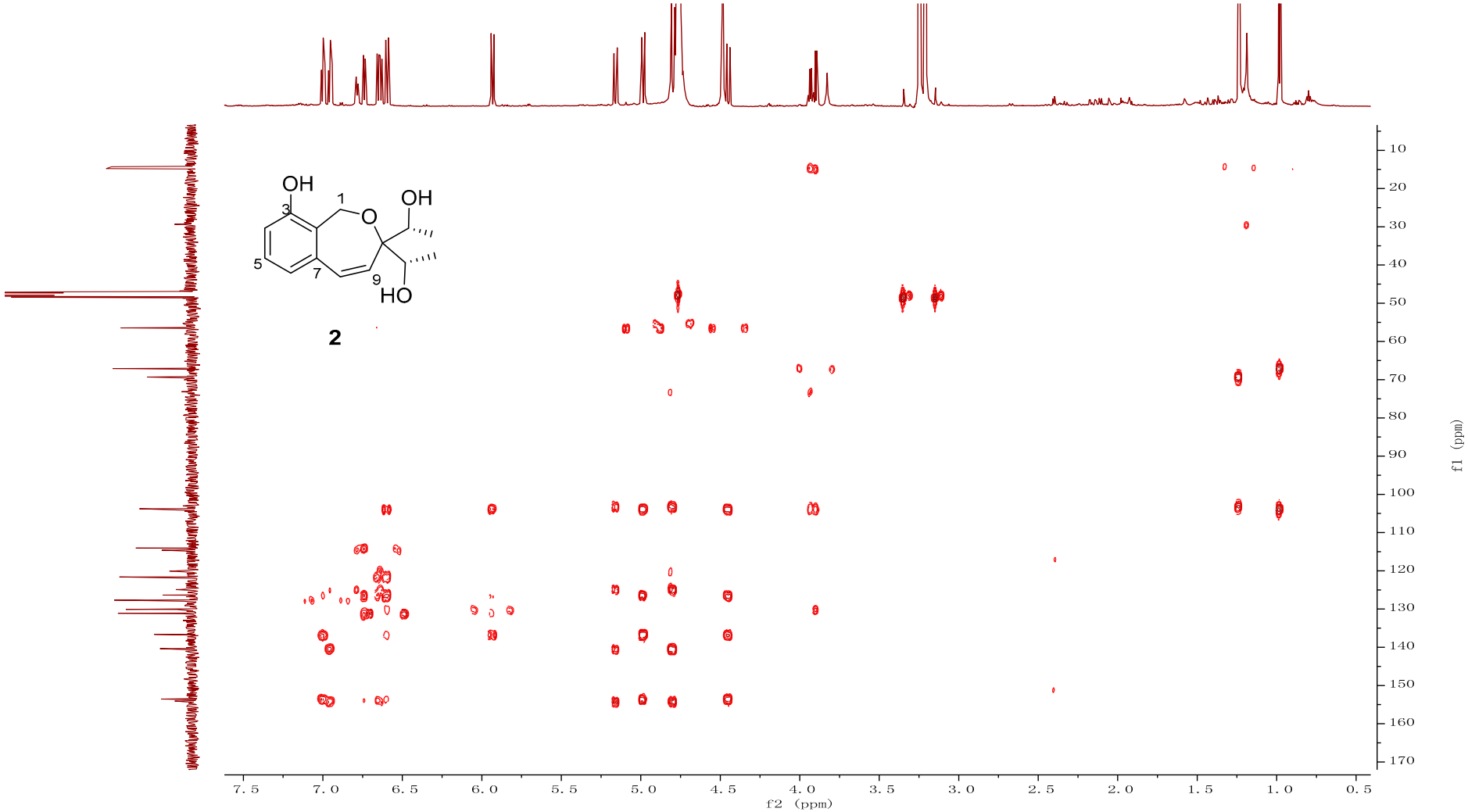

Figure S12. HMBC spectrum of the new compound **2**

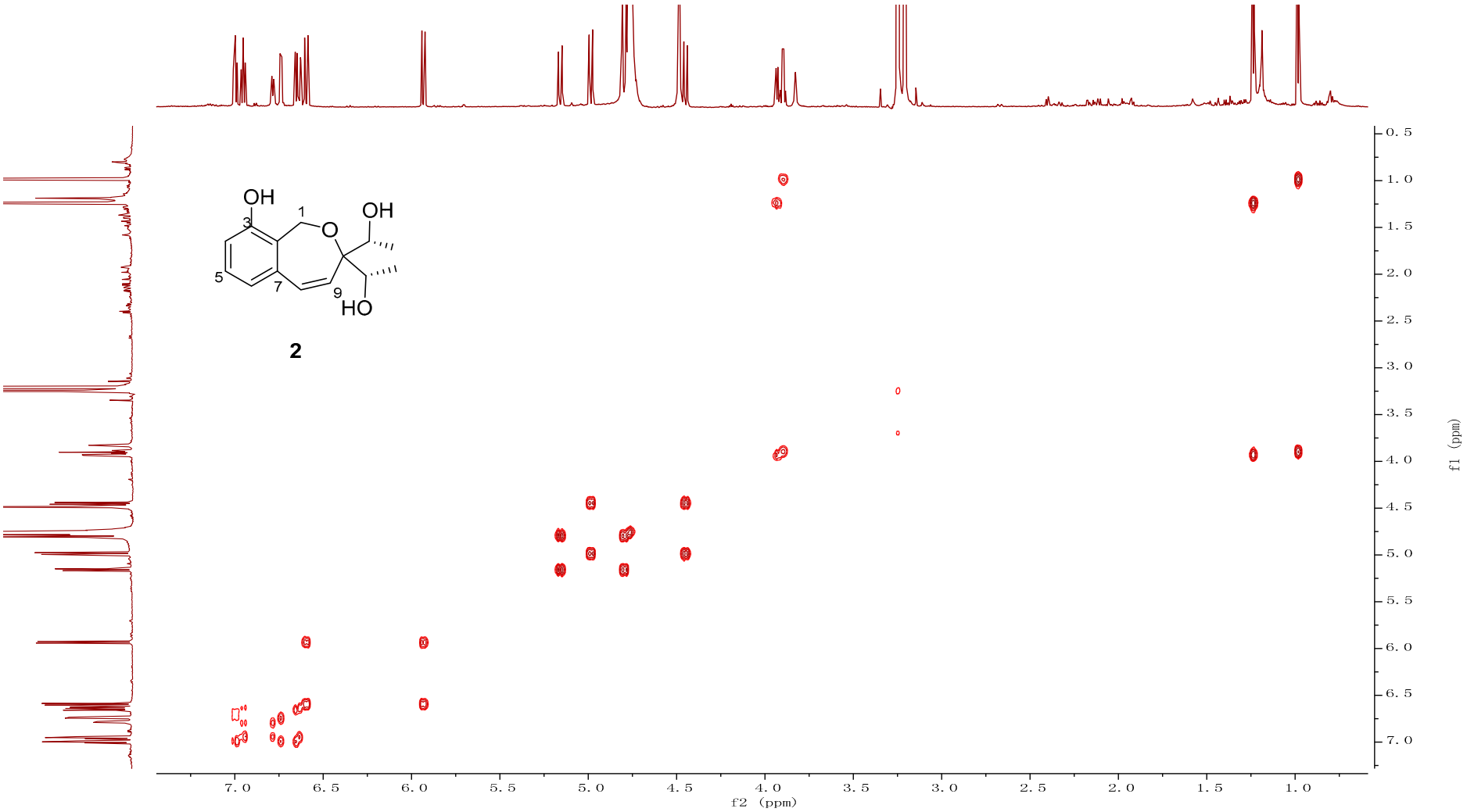

Figure S13. COSY spectrum of the new compound **2**

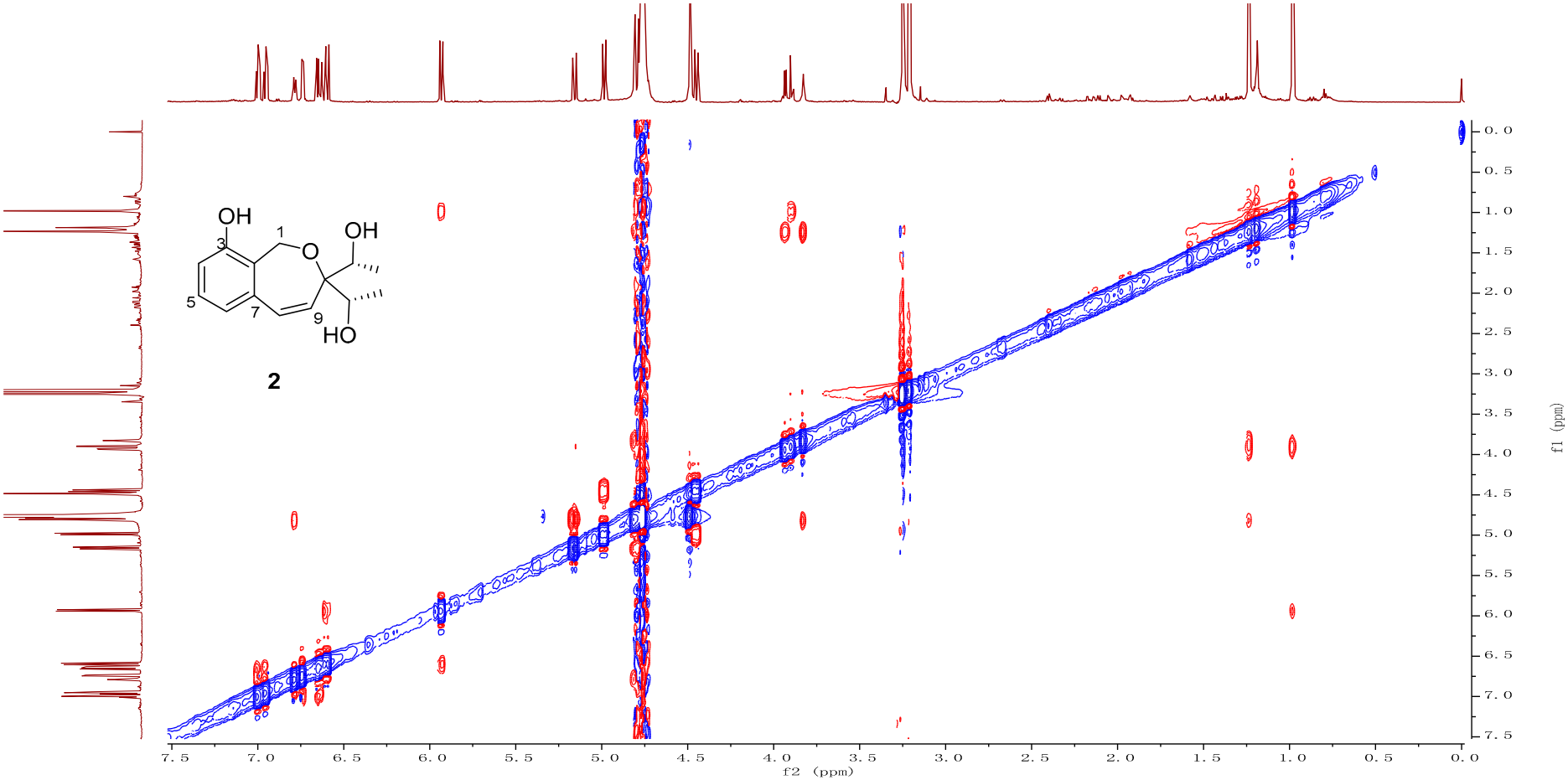

Figure S14. NOESY spectrum of the new compound **2**

Mass Spectrum Molecular Formula Report

Analysis Info

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Method	20131026_ceyang.m	Instrument / Ser#	Bruker Customer
Sample Name	NEU-19	Operator	micrOTOF-Q 125
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	1.2 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	8.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	100.0 Vpp	Set Divert Valve	Source

Generate Molecular Formula Parameter

Formula, min.			
Formula, max.			
Measured m/z		Tolerance	Charge
Check Valence		Minimum	Maximum
Nirogen Rule		Electron Configuration	
Filter H/C Ratio		Minimum	Maximum
Estimate Carbon			

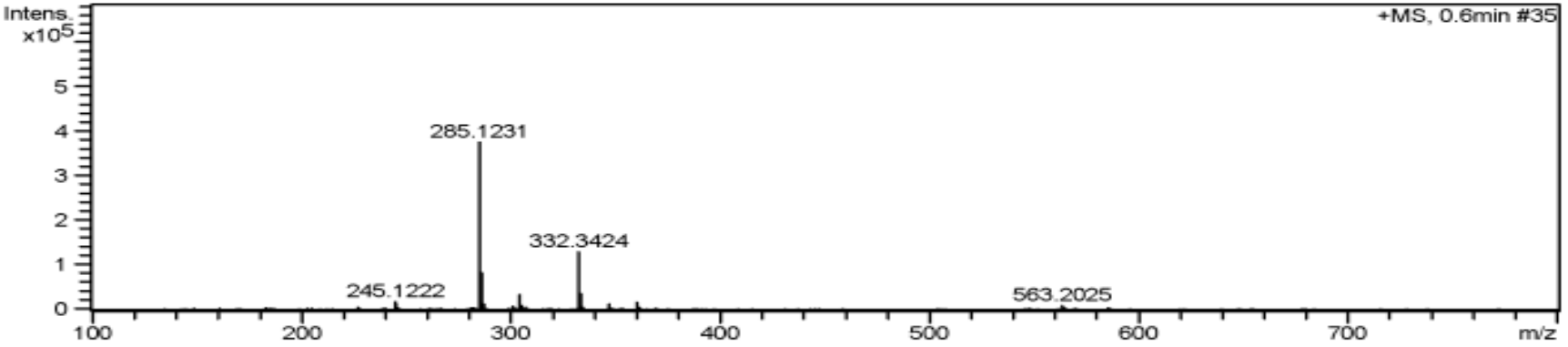


Figure S15. HRESI-MS spectrum of the new compound **3/4**

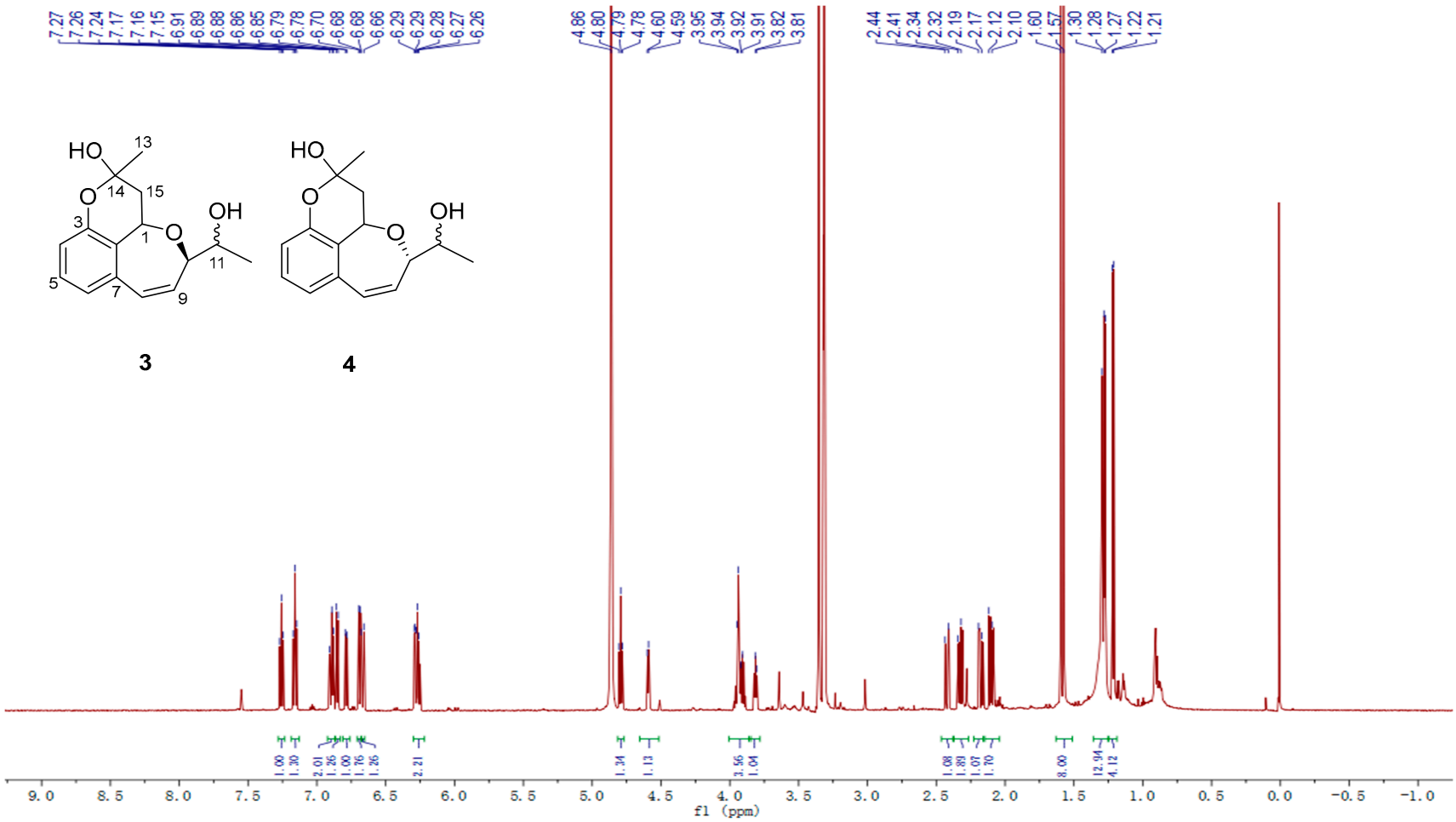
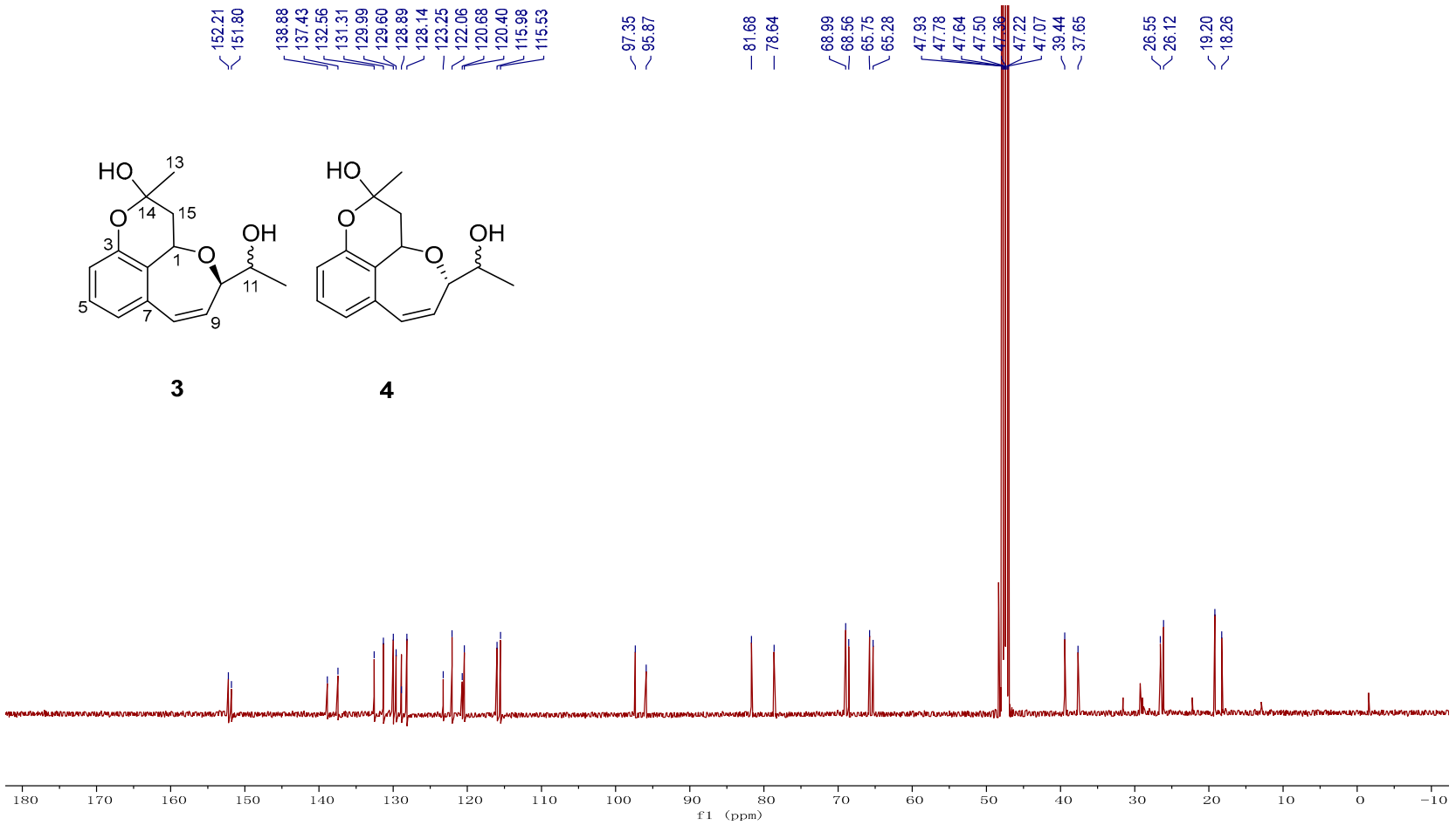


Figure S16. ^{1}H NMR (600 MHz, CD_3OD) spectrum of the new compound **3/4**



Fiure S17. ^{13}C NMR (150 MHz, CD_3OD) spectrum of the new compound **3/4**

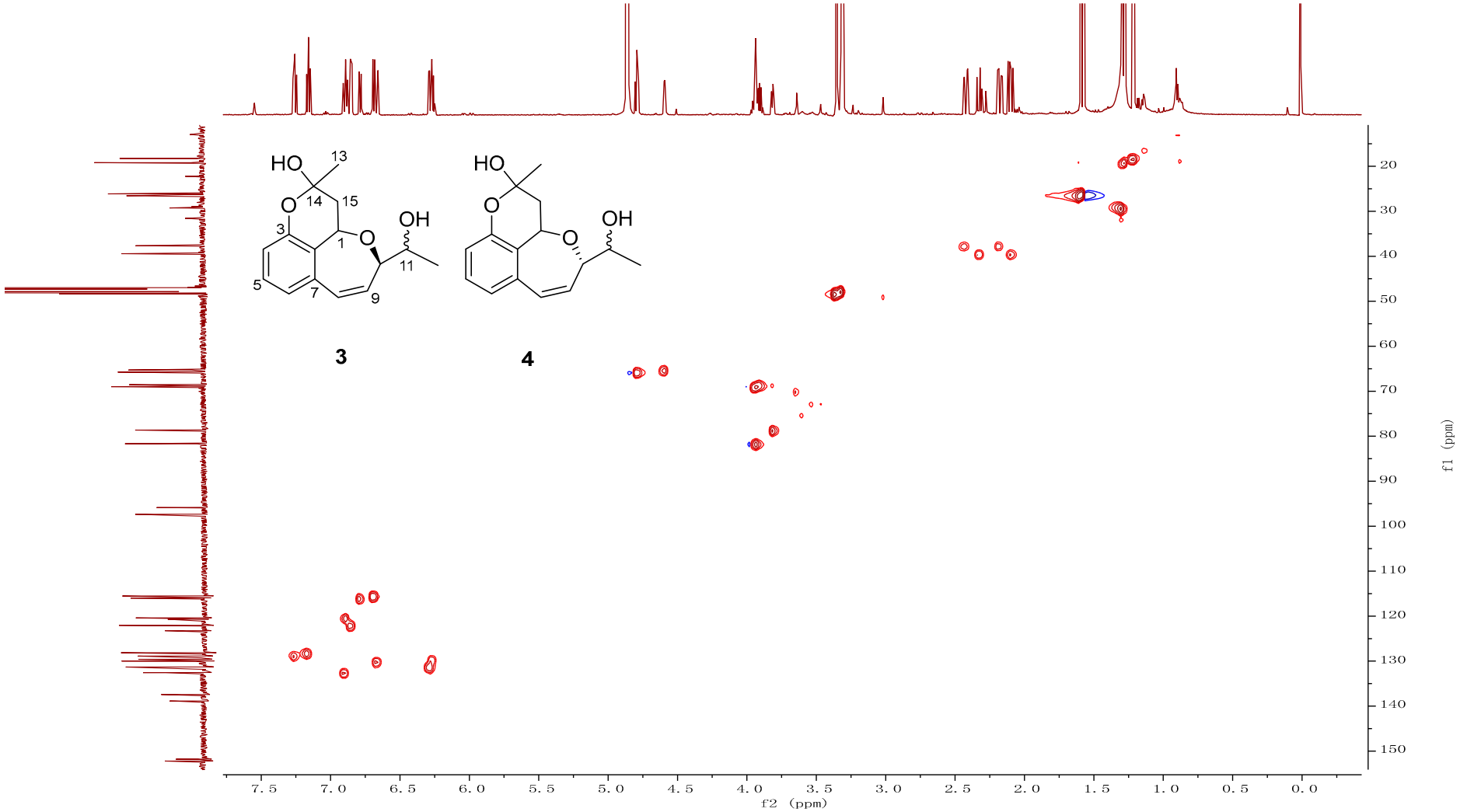


Figure S18. HSQC spectrum of the new compound **3/4**

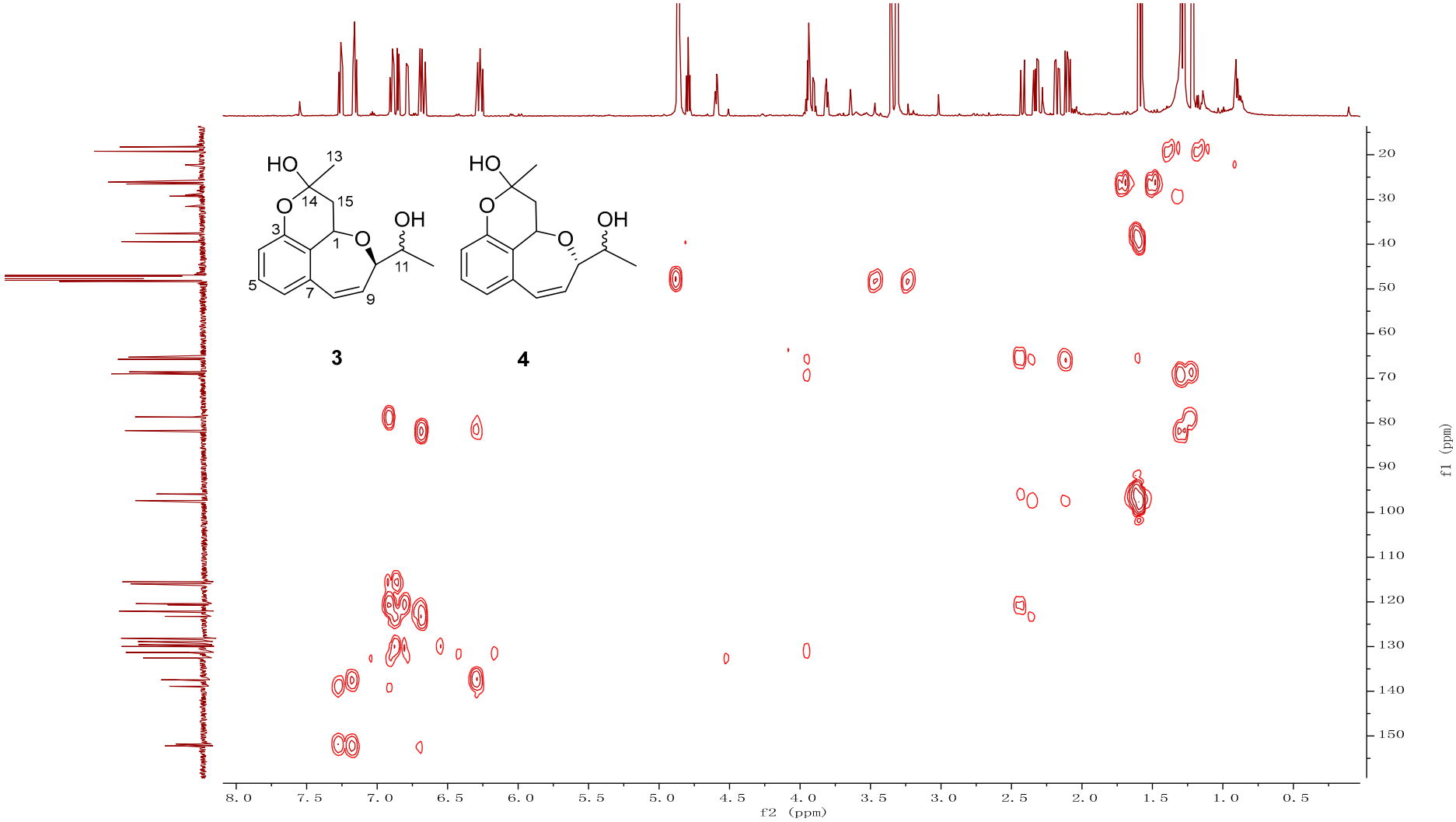


Figure S19. HMBC spectrum of the new compound **3/4**

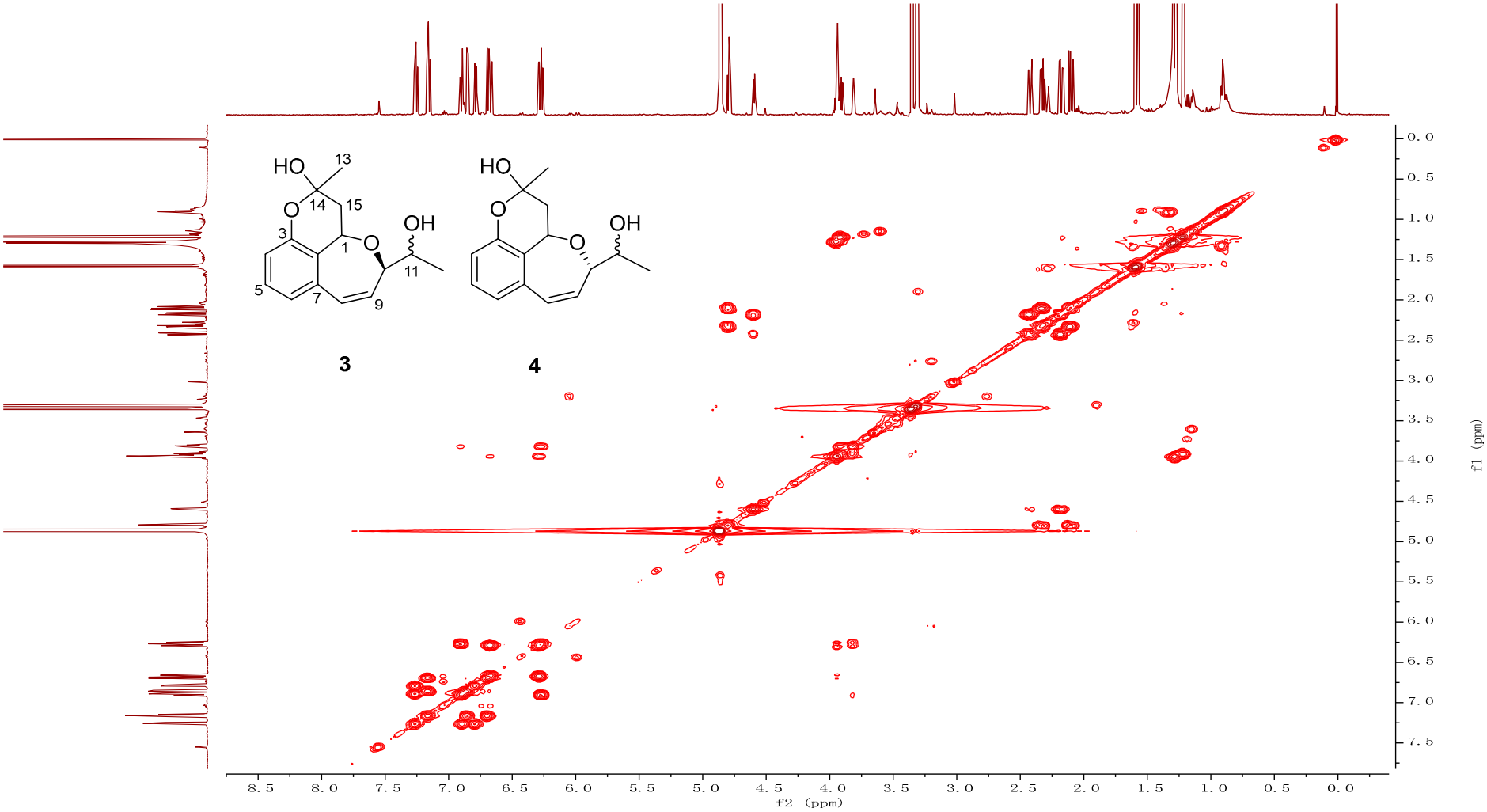


Figure S20. COSY spectrum of the new compound **3/4**

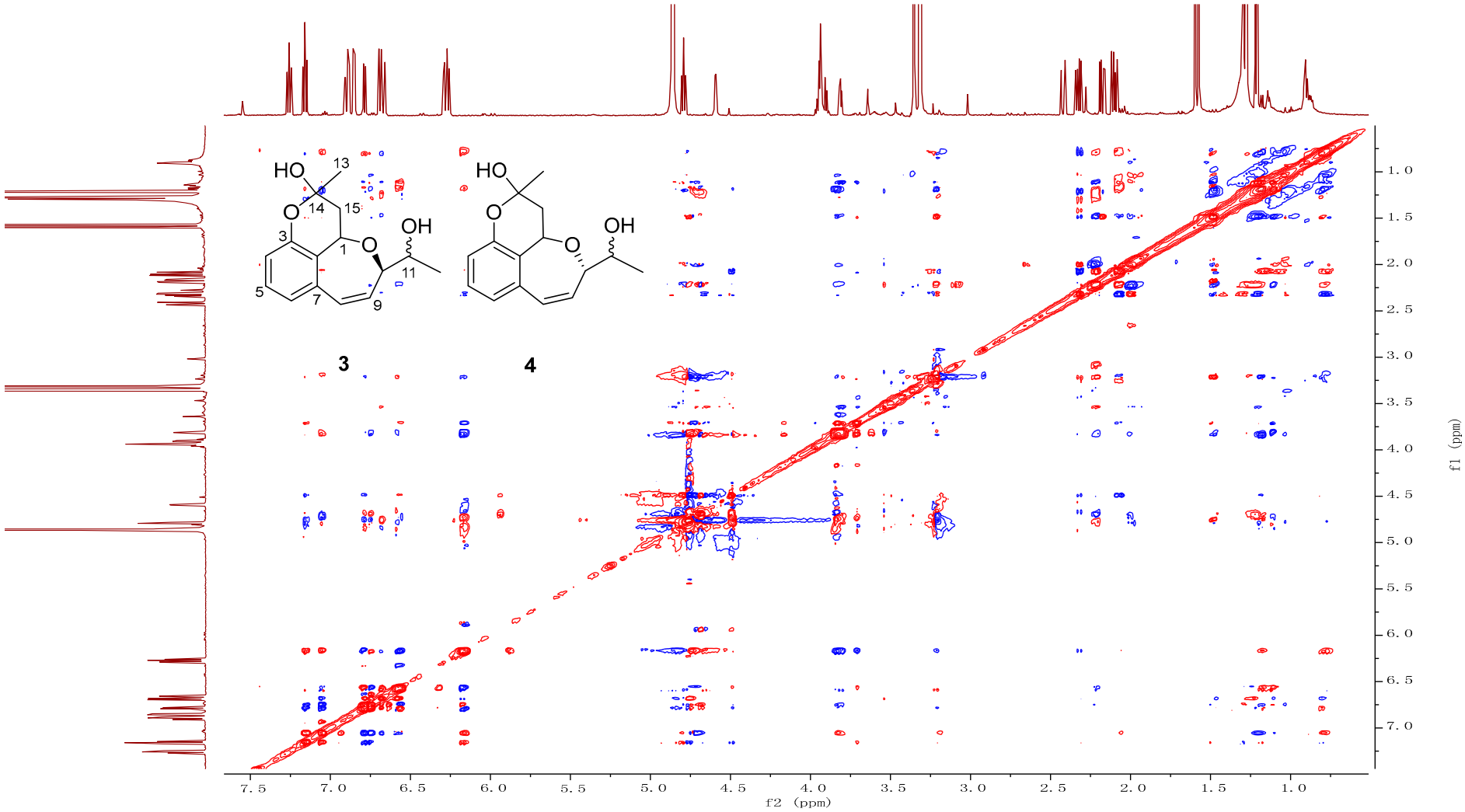


Figure S21. NOESY spectrum of the new compound **3/4**