

Supplementary Materials

Actinofuranones D-I from lichen-associated actinomycetes *Streptomyces gramineus* with anti-inflammatory effect

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Figure S57. ¹H NMR (600 MHz, DMSO-*d*₆) spectrum of the compound **7**

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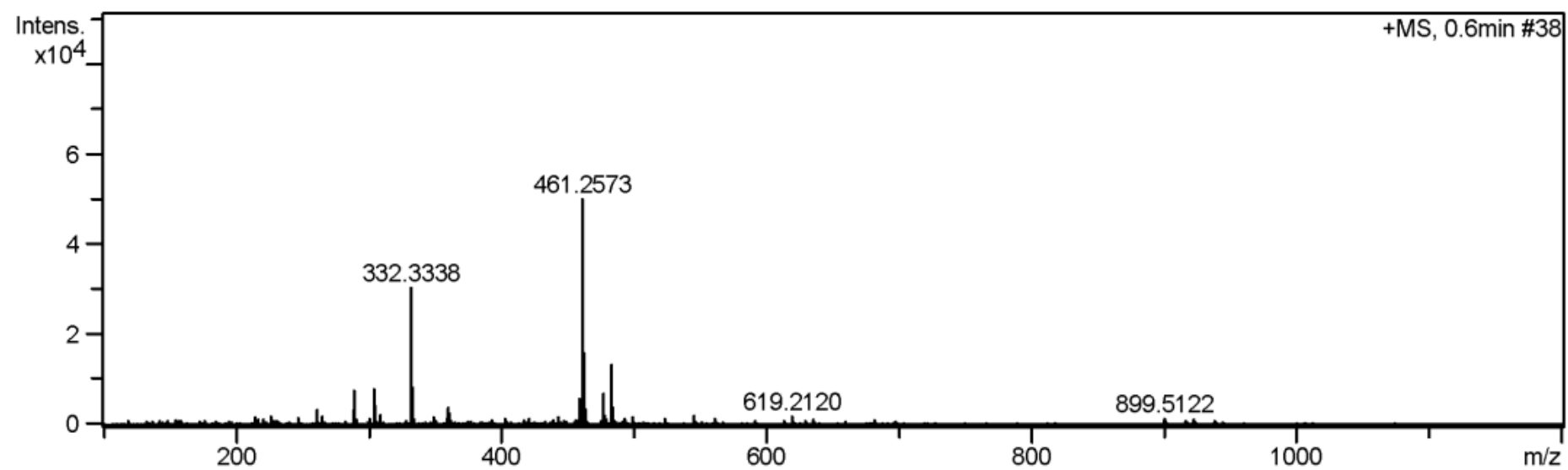


Figure S1. HRESI-MS spectrum of the new compound **1**

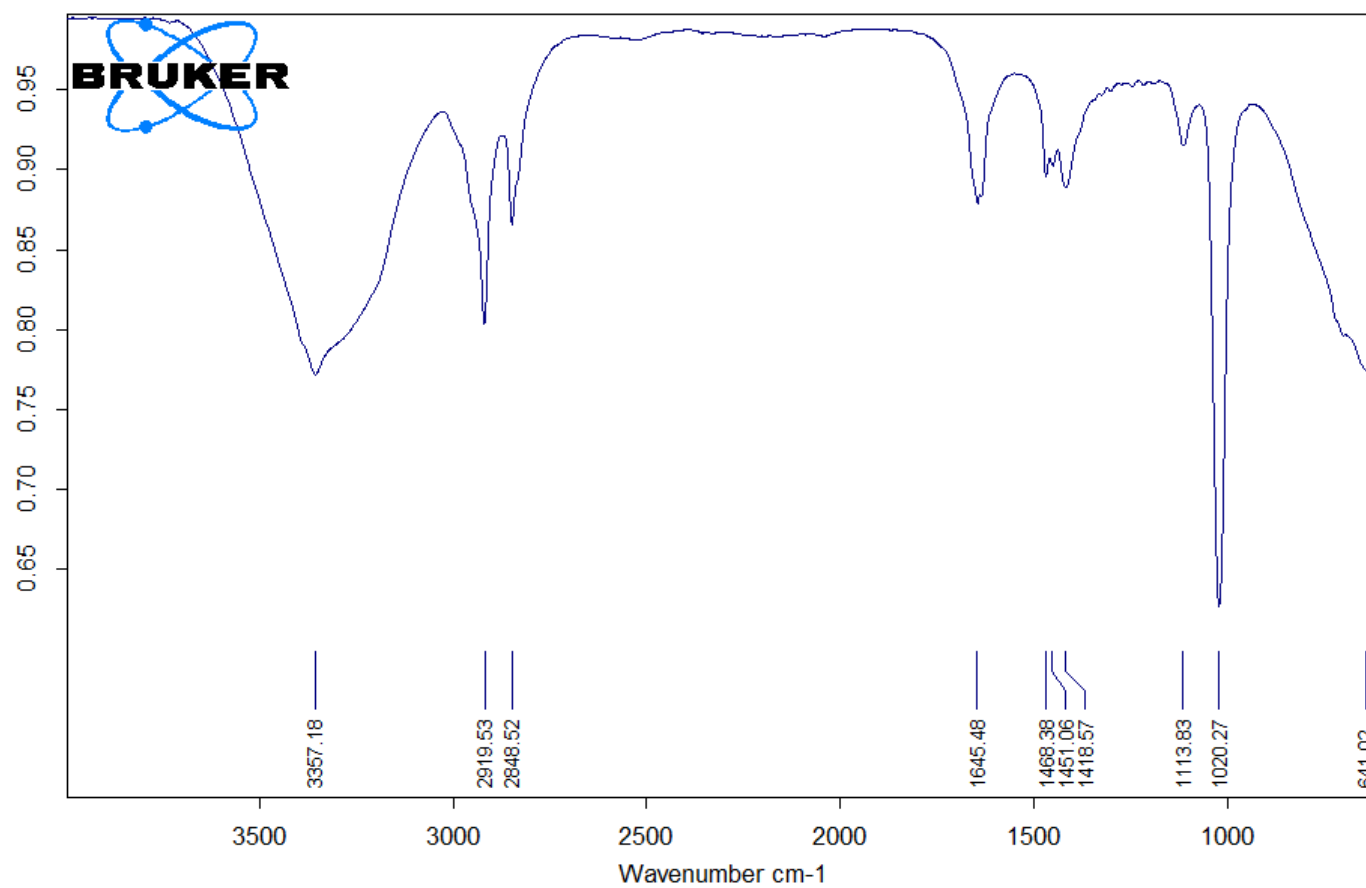


Figure S2. IR spectrum of the new compound **1**

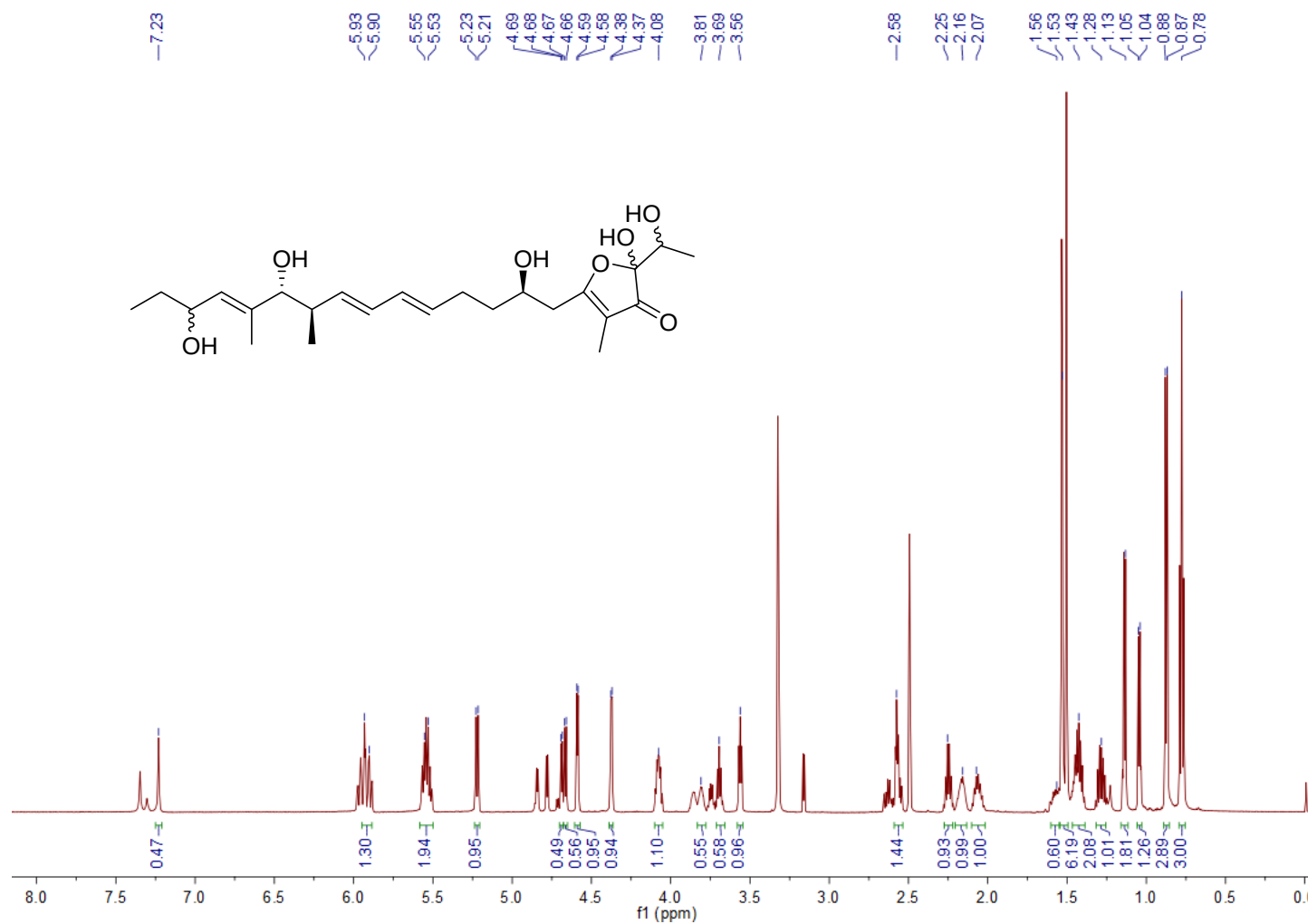


Figure S3. ¹H NMR (600 MHz, DMSO-*d*₆) spectrum of the new compound **1**

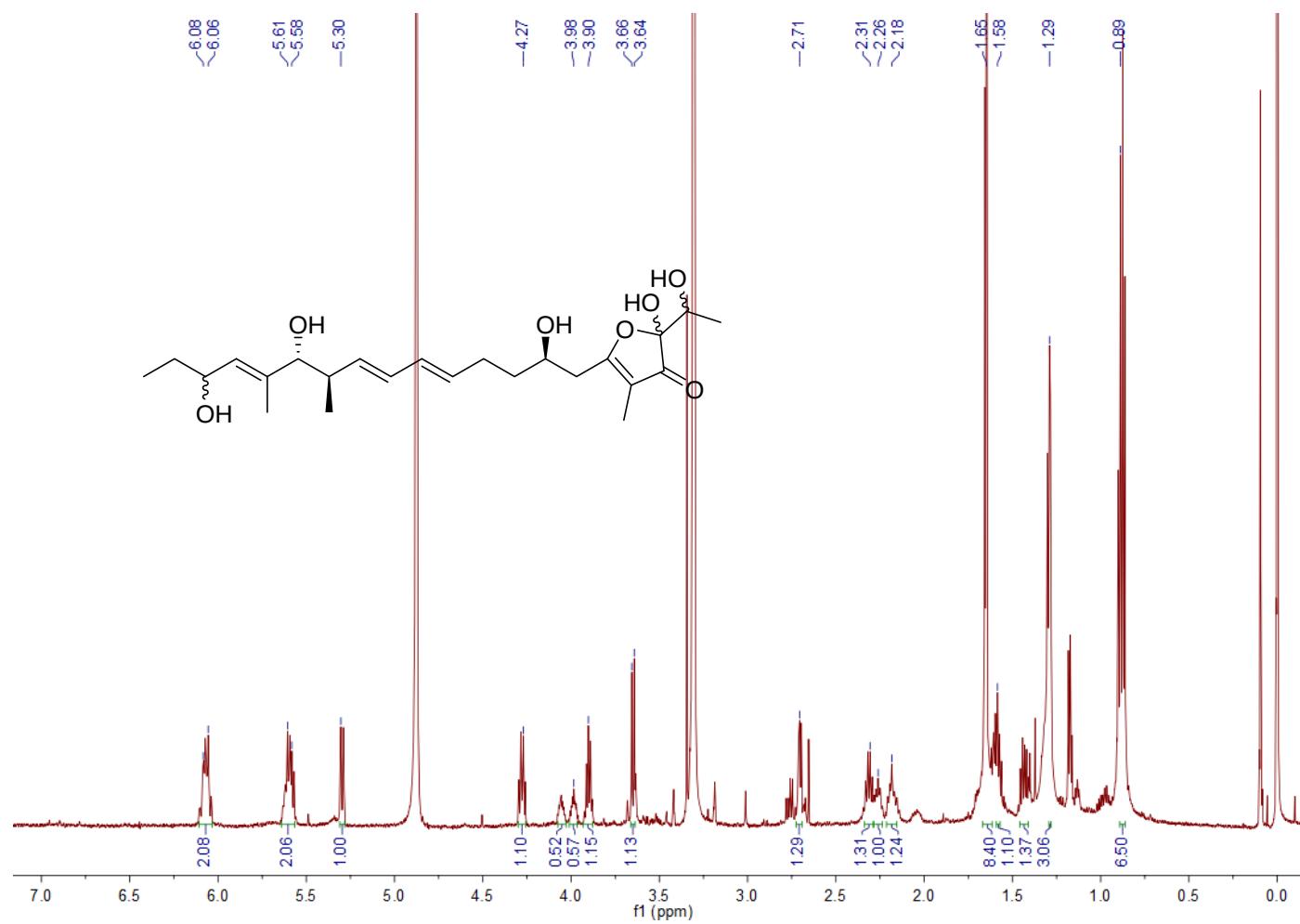


Figure S4. ^1H NMR (600 MHz, CD_3OD) spectrum of the new compound **1**

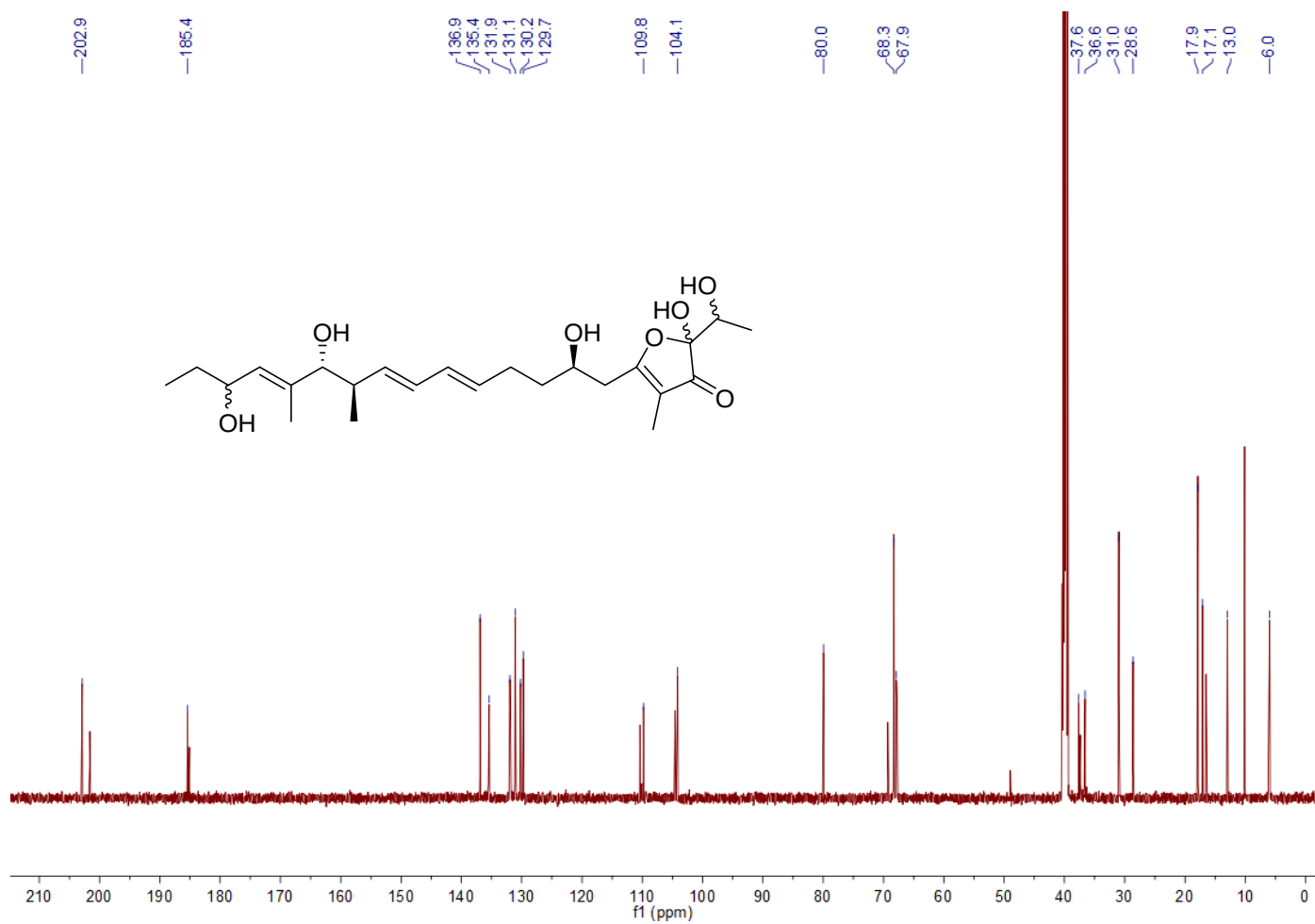


Figure S5. ^{13}C NMR (150 MHz, $\text{DMSO}-d_6$) spectrum of the new compound **1**

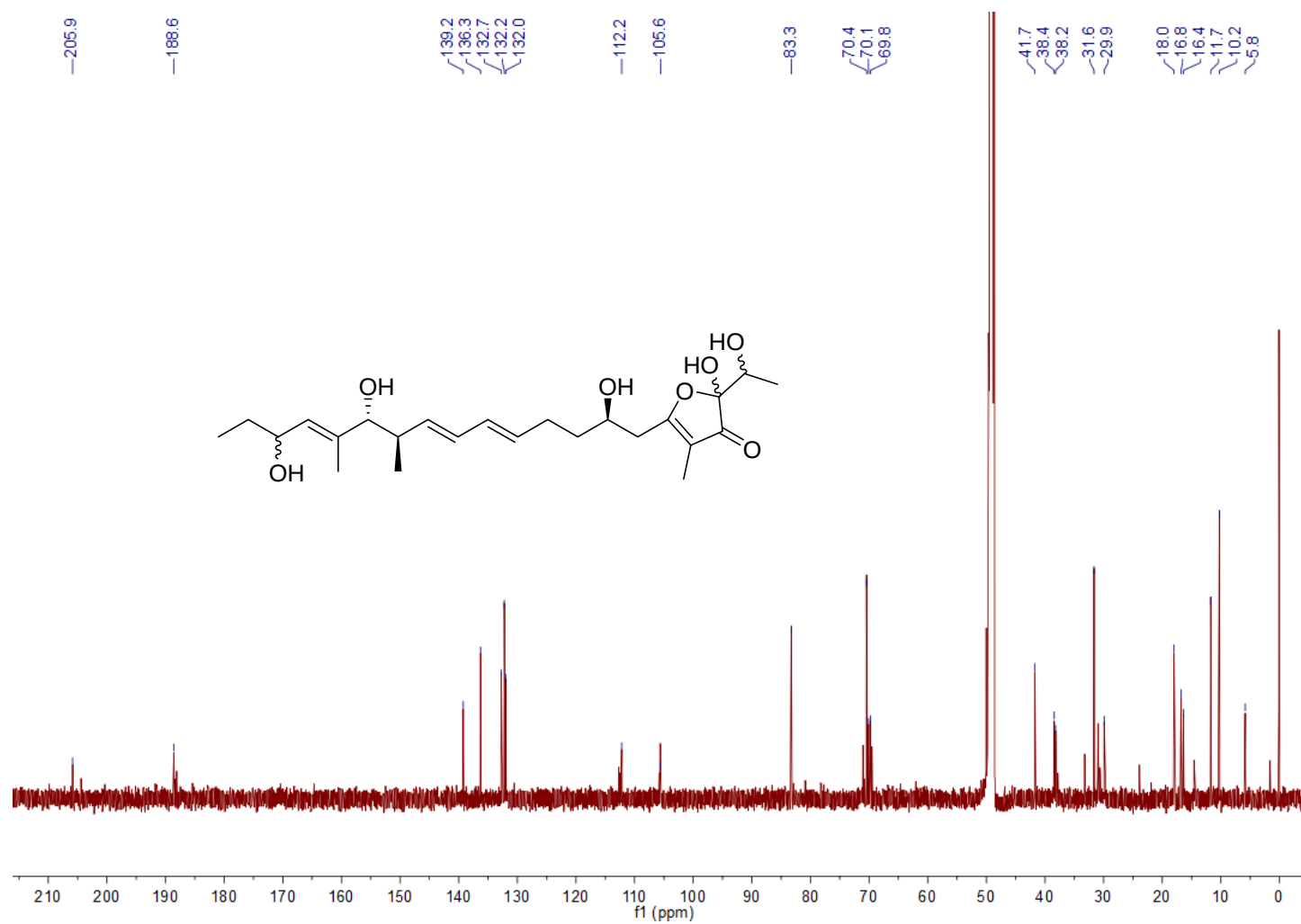


Figure S6. ^{13}C NMR (150 MHz, CD_3OD) spectrum of the new compound **1**

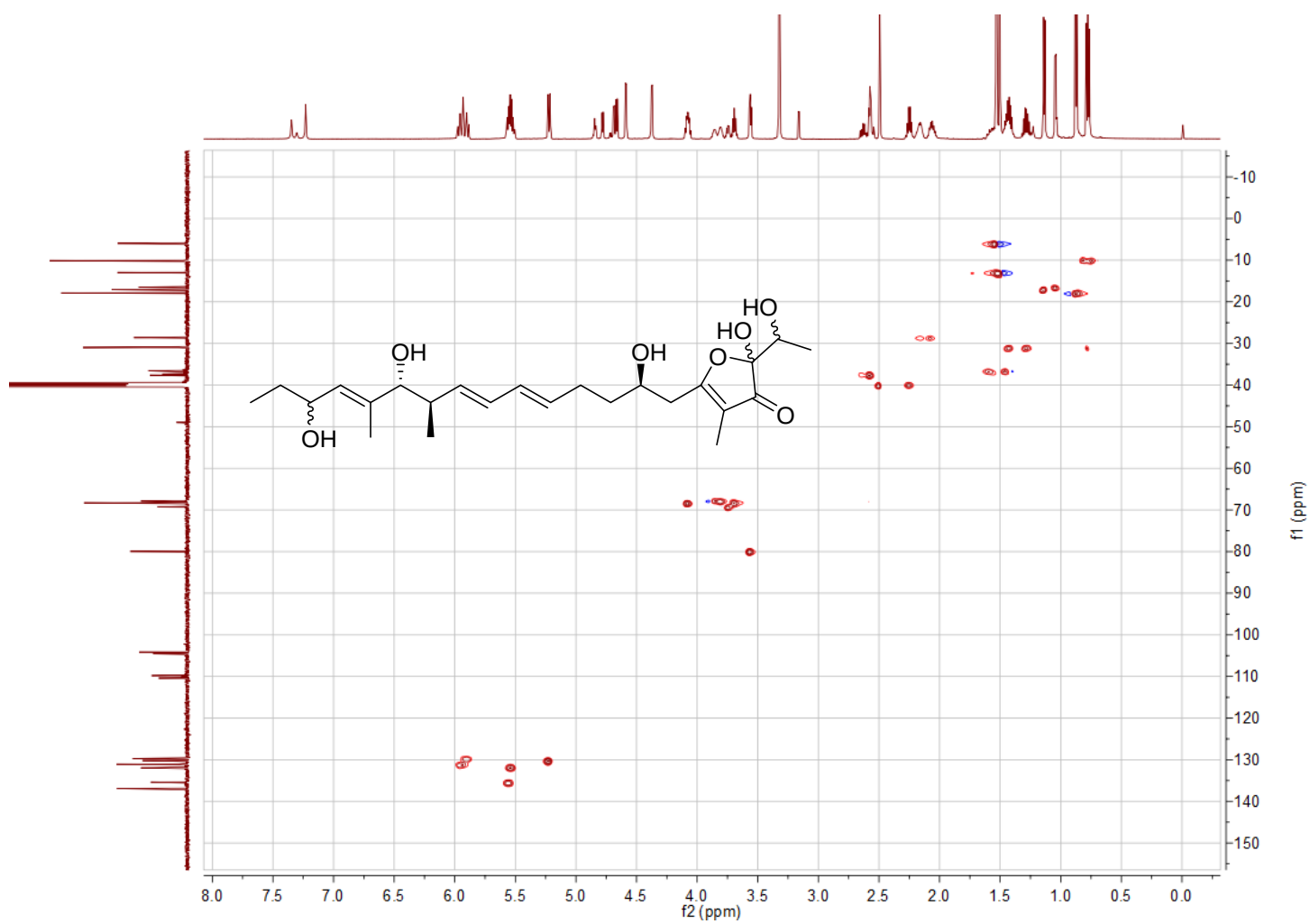


Figure S7. HSQC spectrum (DMSO-*d*₆) of the new compound **1**

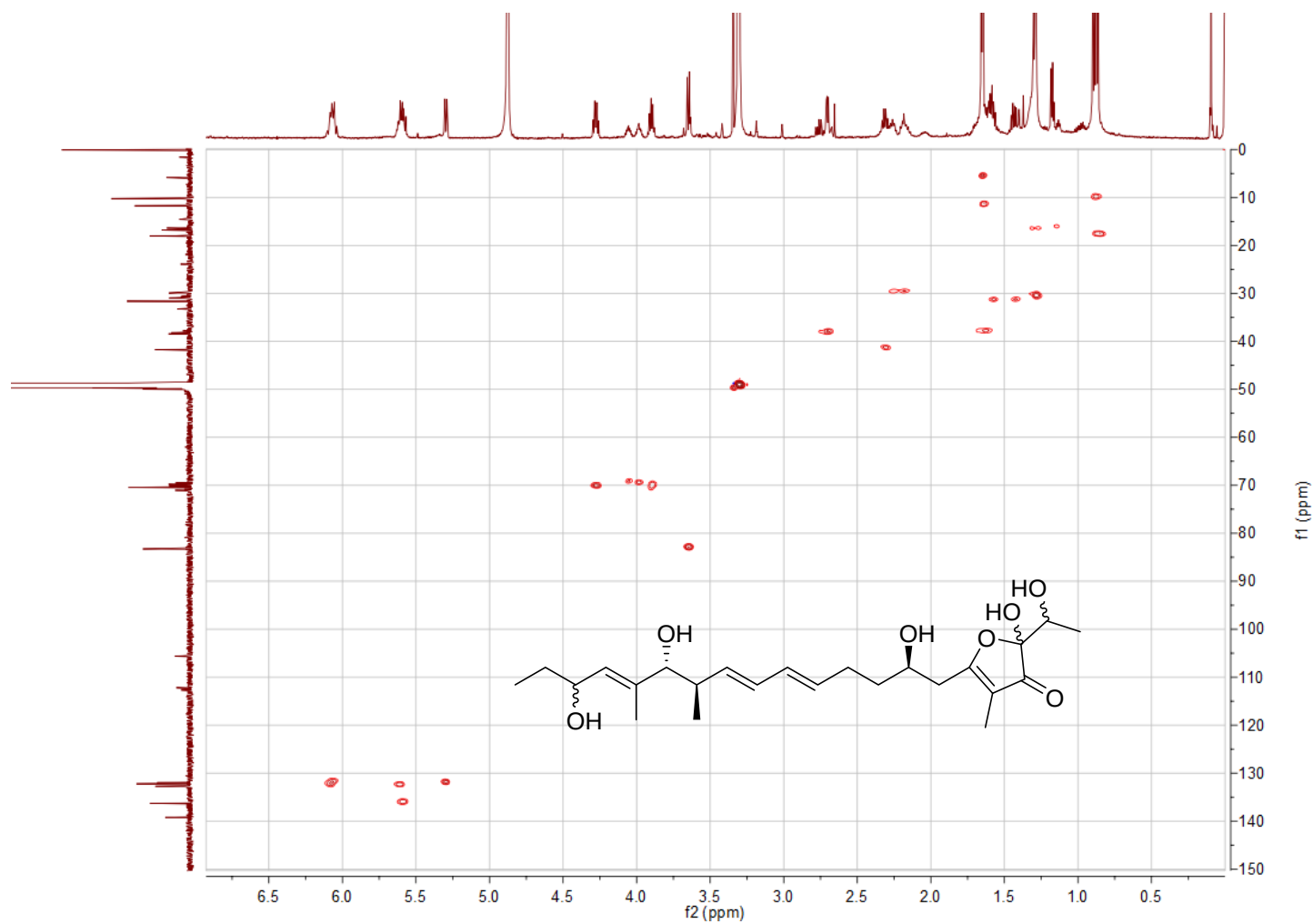


Figure S8. HSQC spectrum (CD₃OD) of the new compound **1**

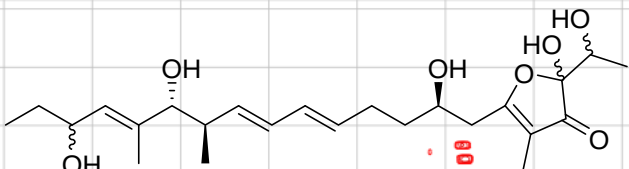


Figure S9. COSY spectrum (DMSO-*d*₆) of the new compound **1**

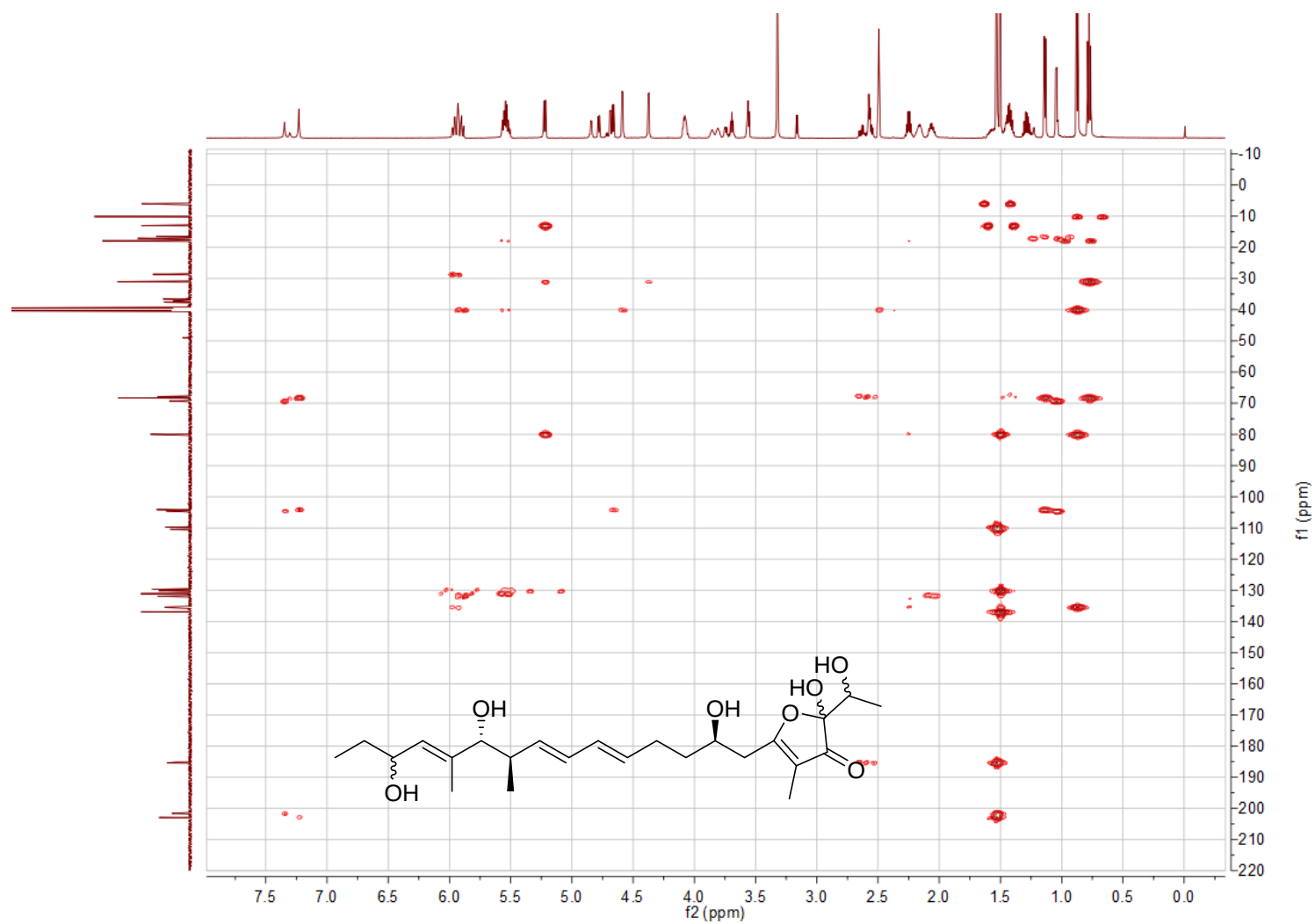


Figure S10. HMBC spectrum (DMSO- d_6) of the new compound **1**

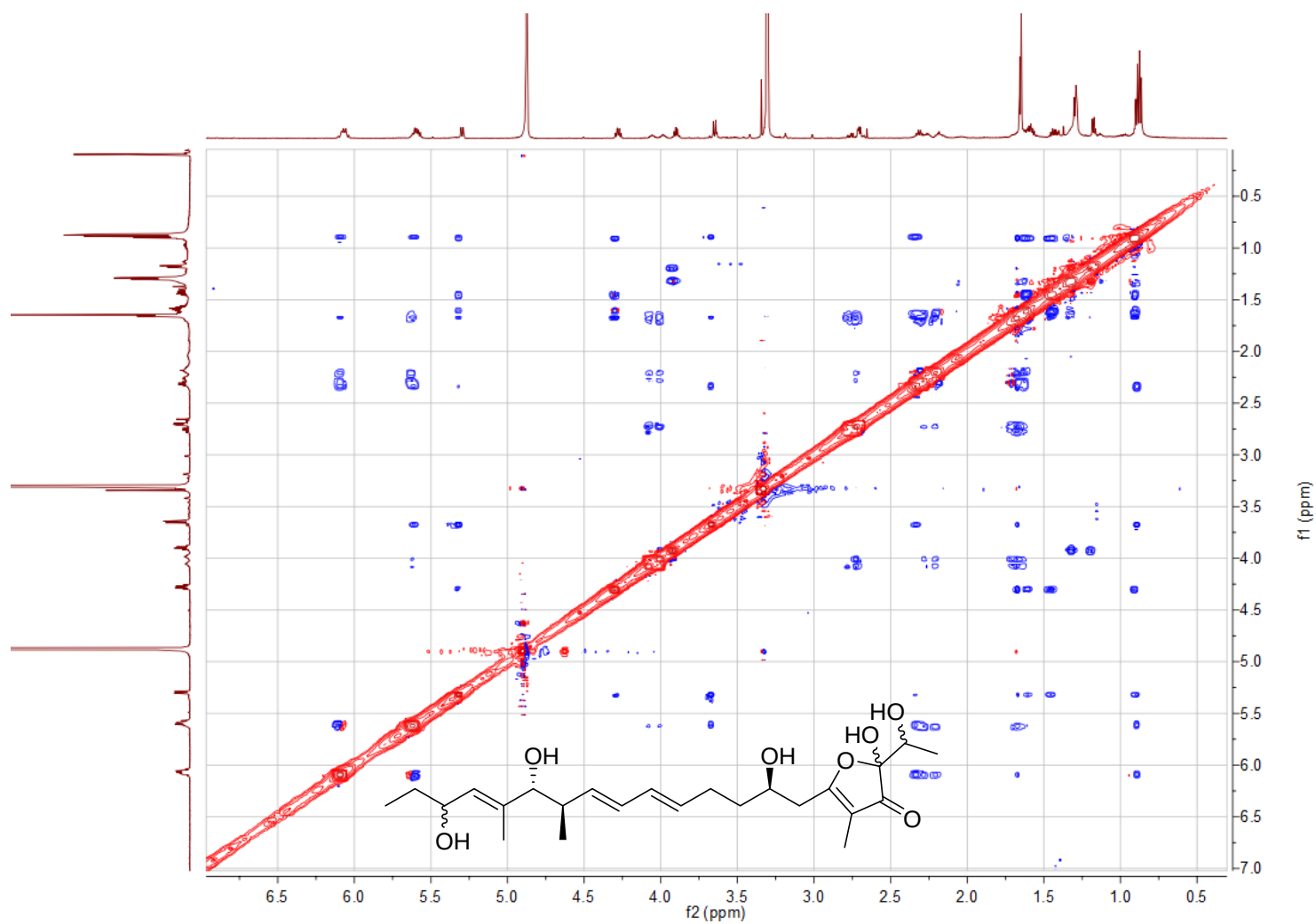


Figure S11. NOESY spectrum (CD₃OD) of the new compound **1**

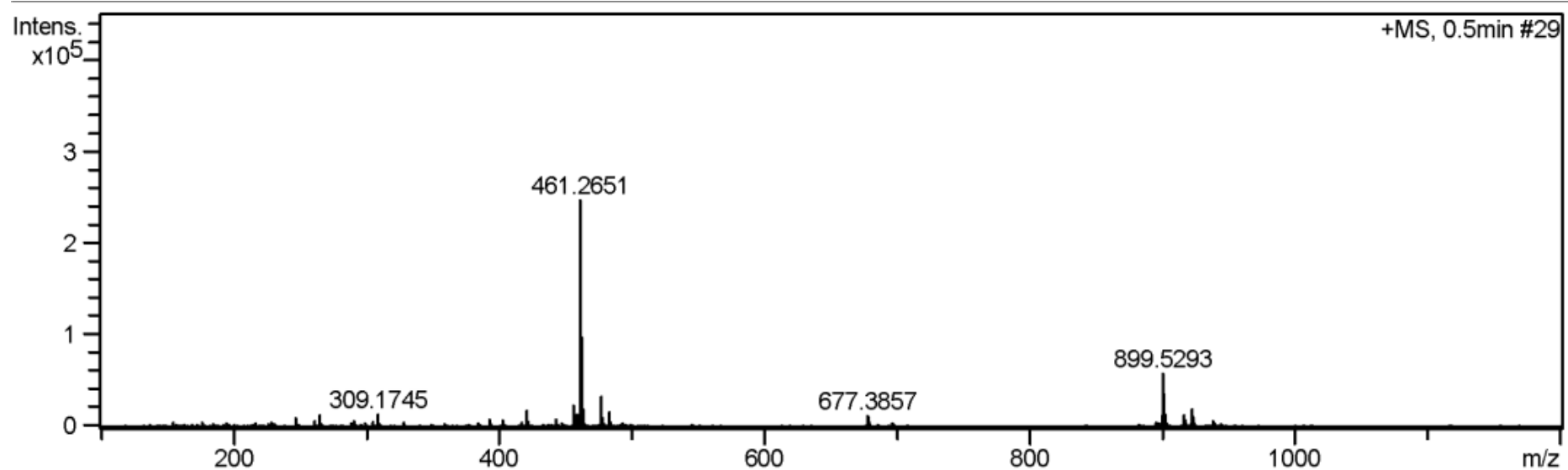


Figure S12. HRESI-MS spectrum of the new compound 2

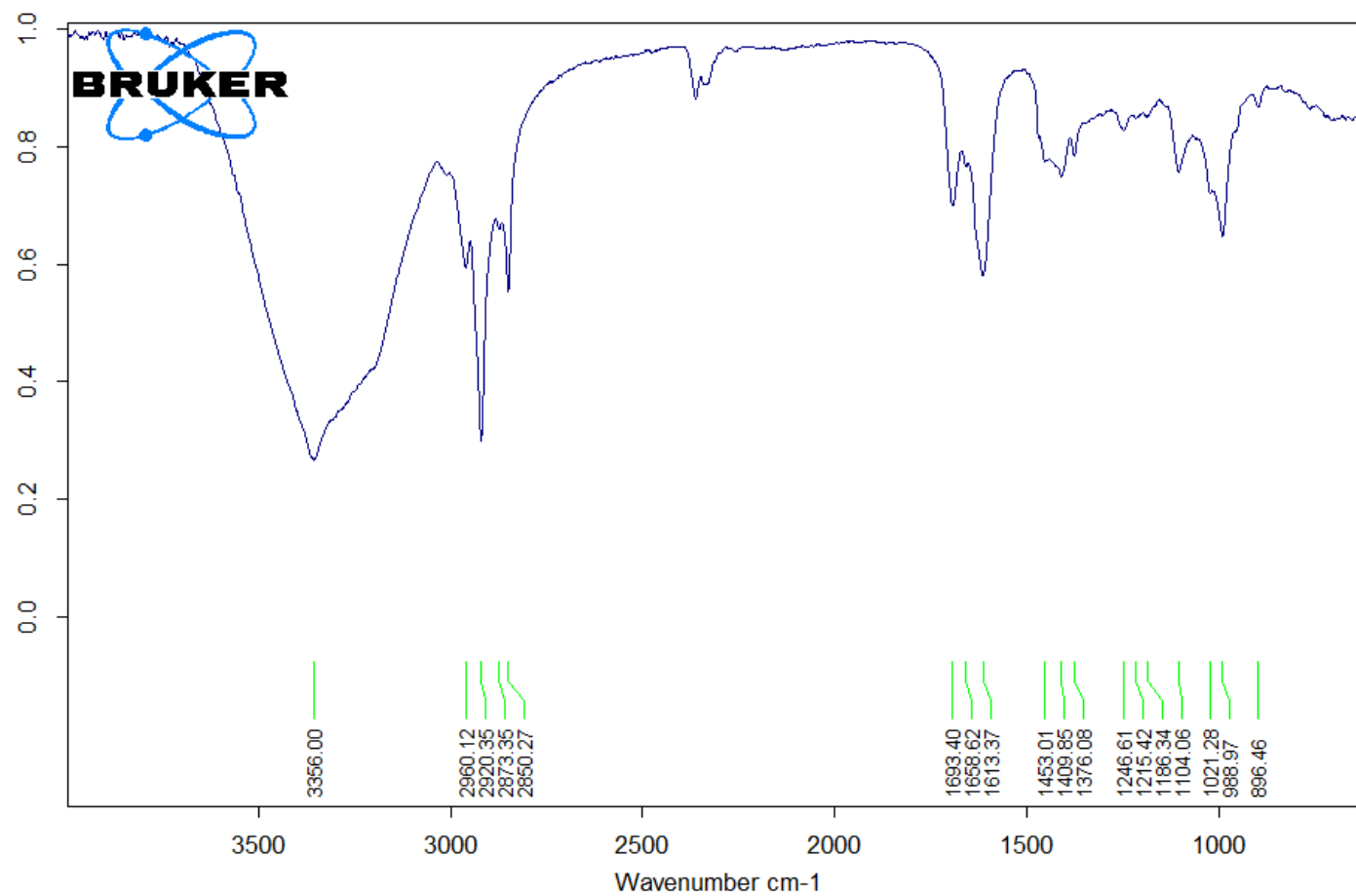


Figure S13. IR spectrum of the new compound 2

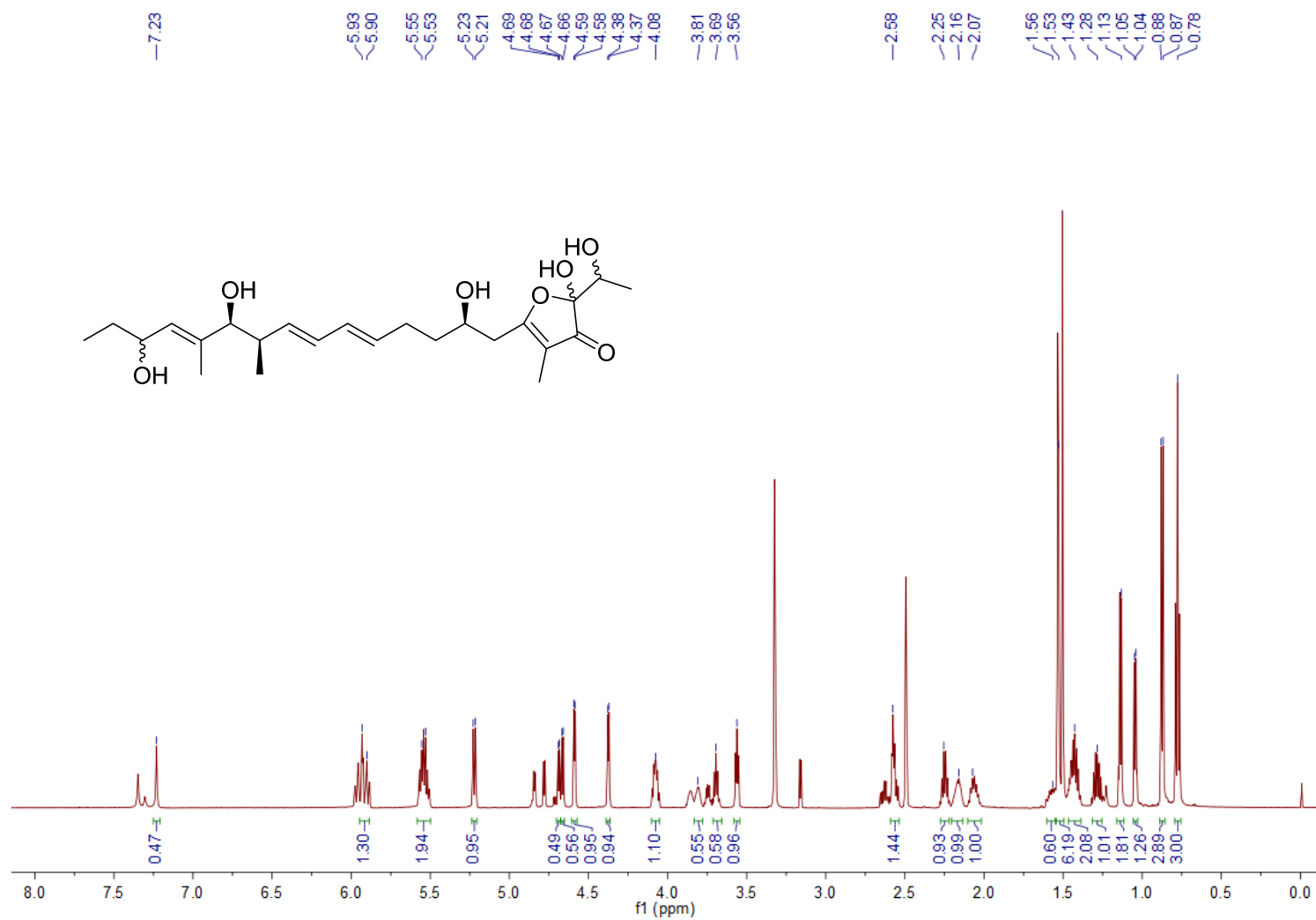


Figure S14. ¹H NMR (600 MHz, DMSO-*d*₆) spectrum of the new compound 2

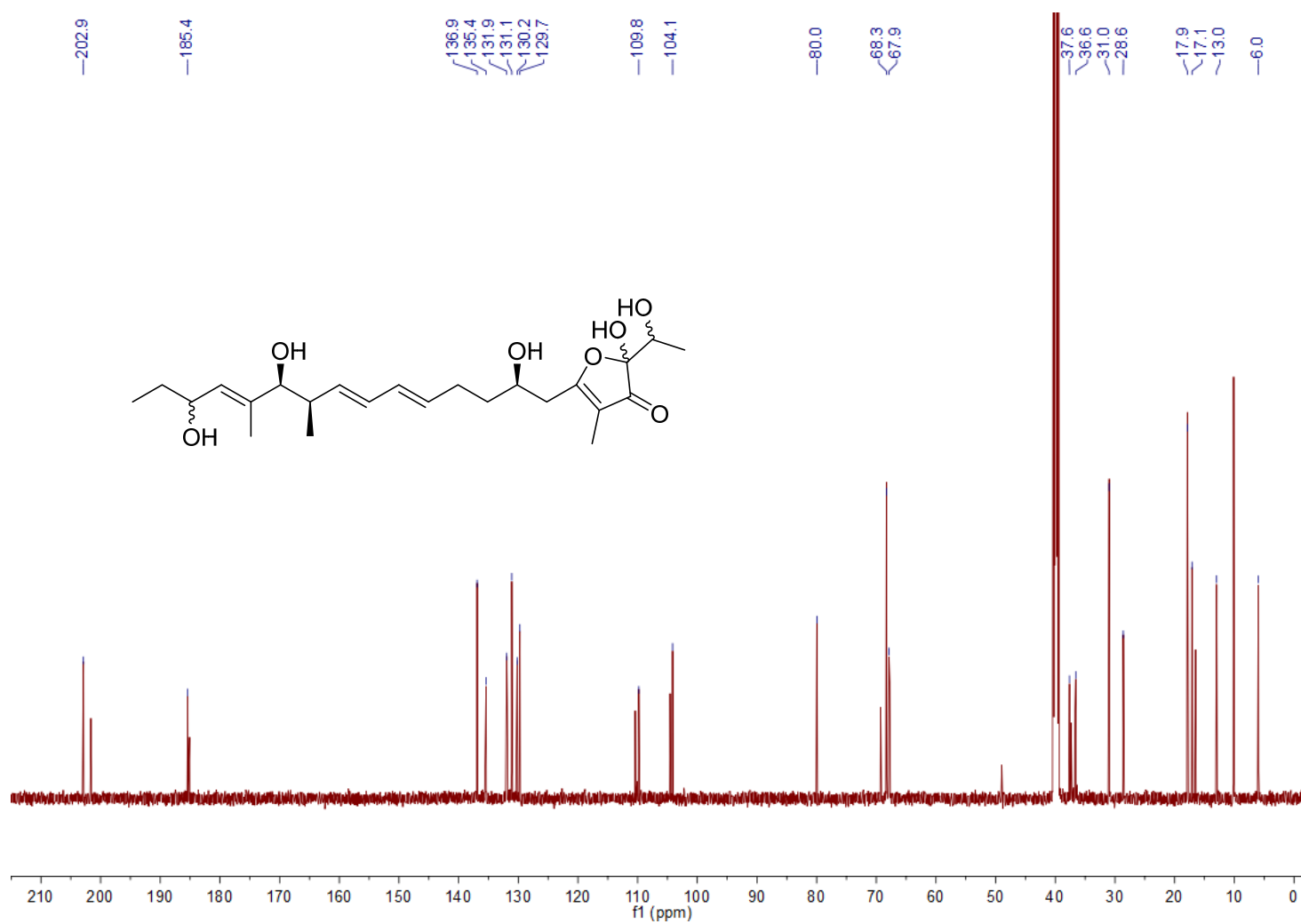


Figure S16. ^{13}C NMR (150 MHz, $\text{DMSO}-d_6$) spectrum of the new compound 2

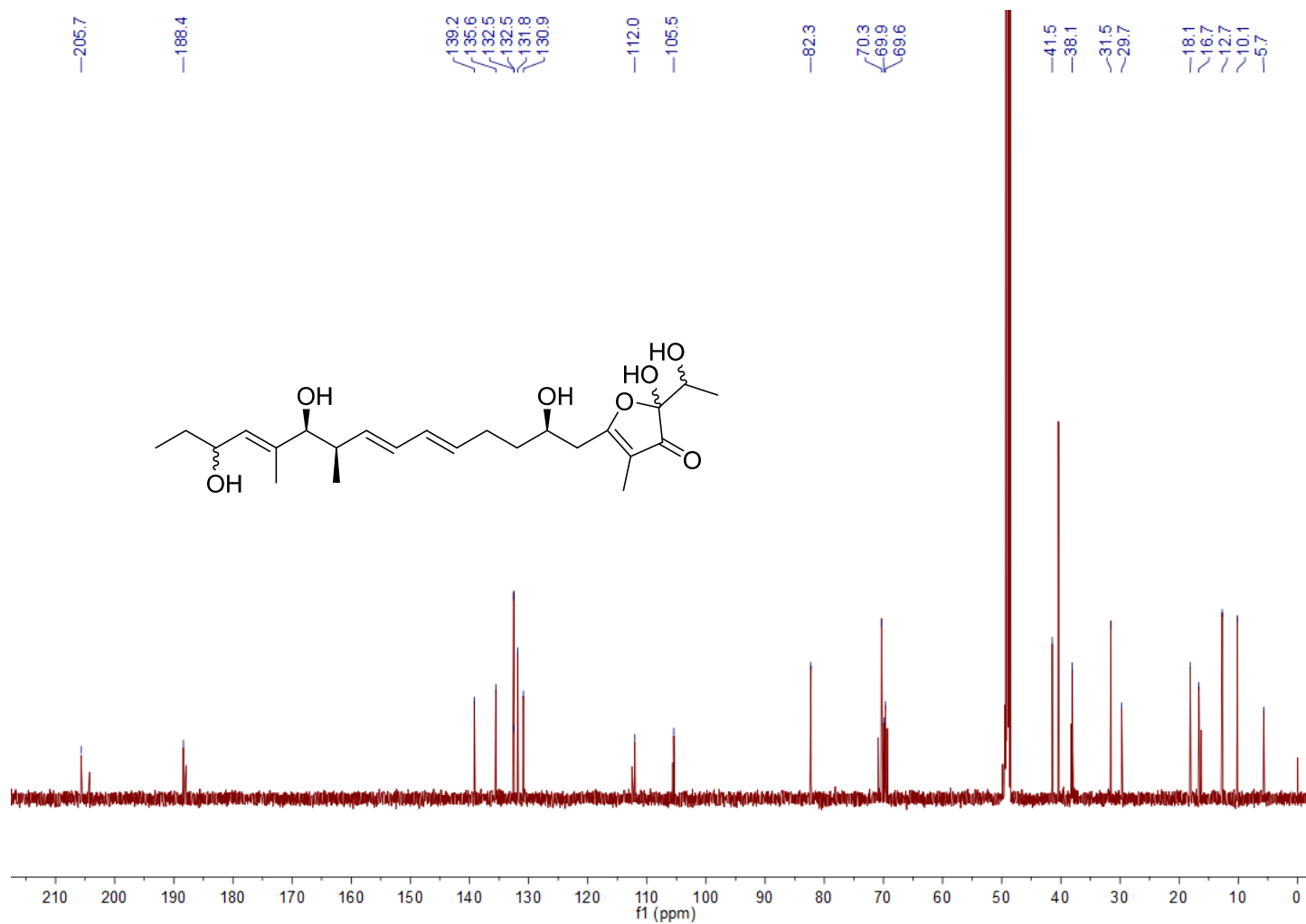


Figure S17. ^{13}C NMR (150 MHz, CD_3OD) spectrum of the new compound 2

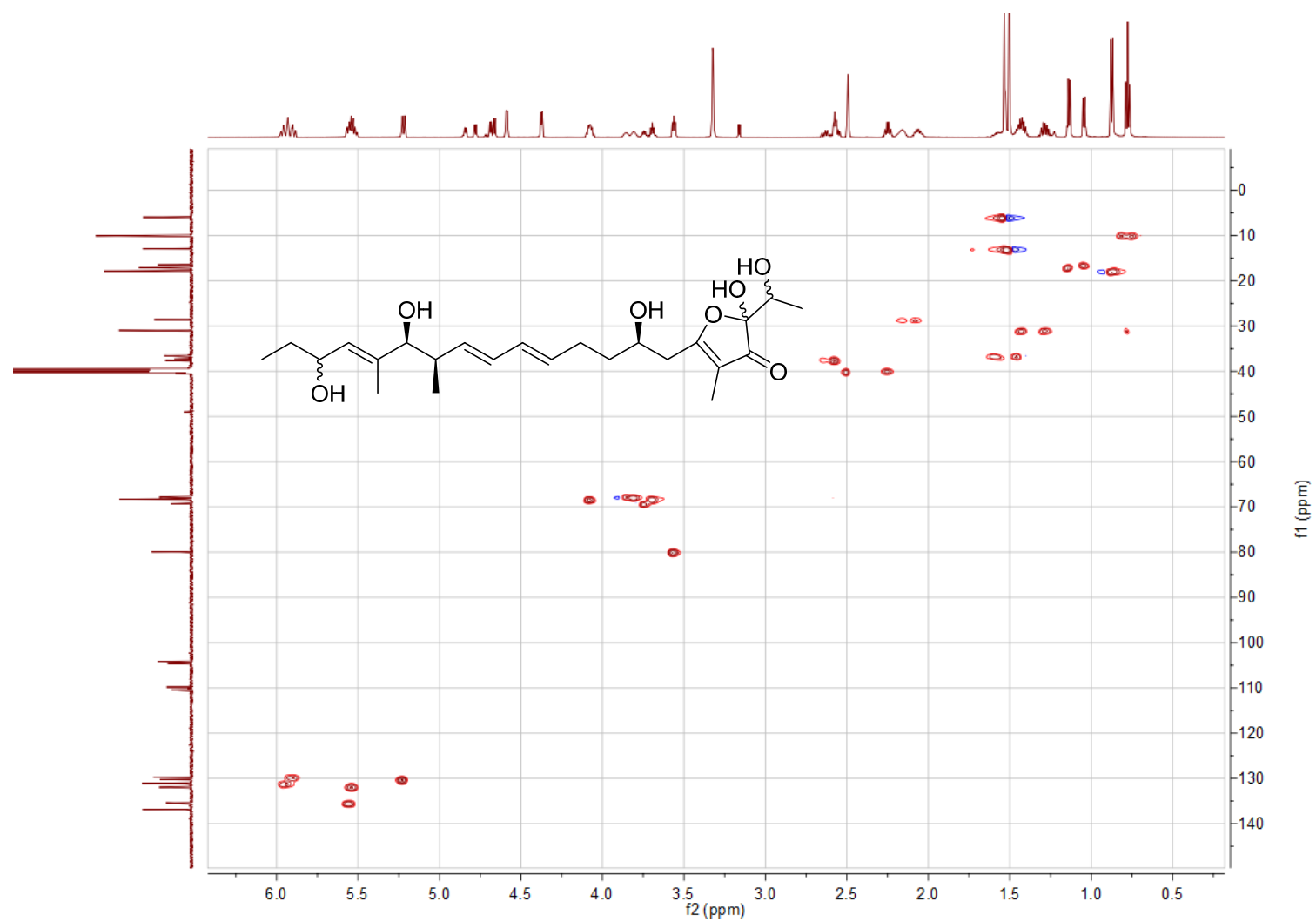


Figure S18. HSQC spectrum (DMSO-*d*₆) of the new compound 2

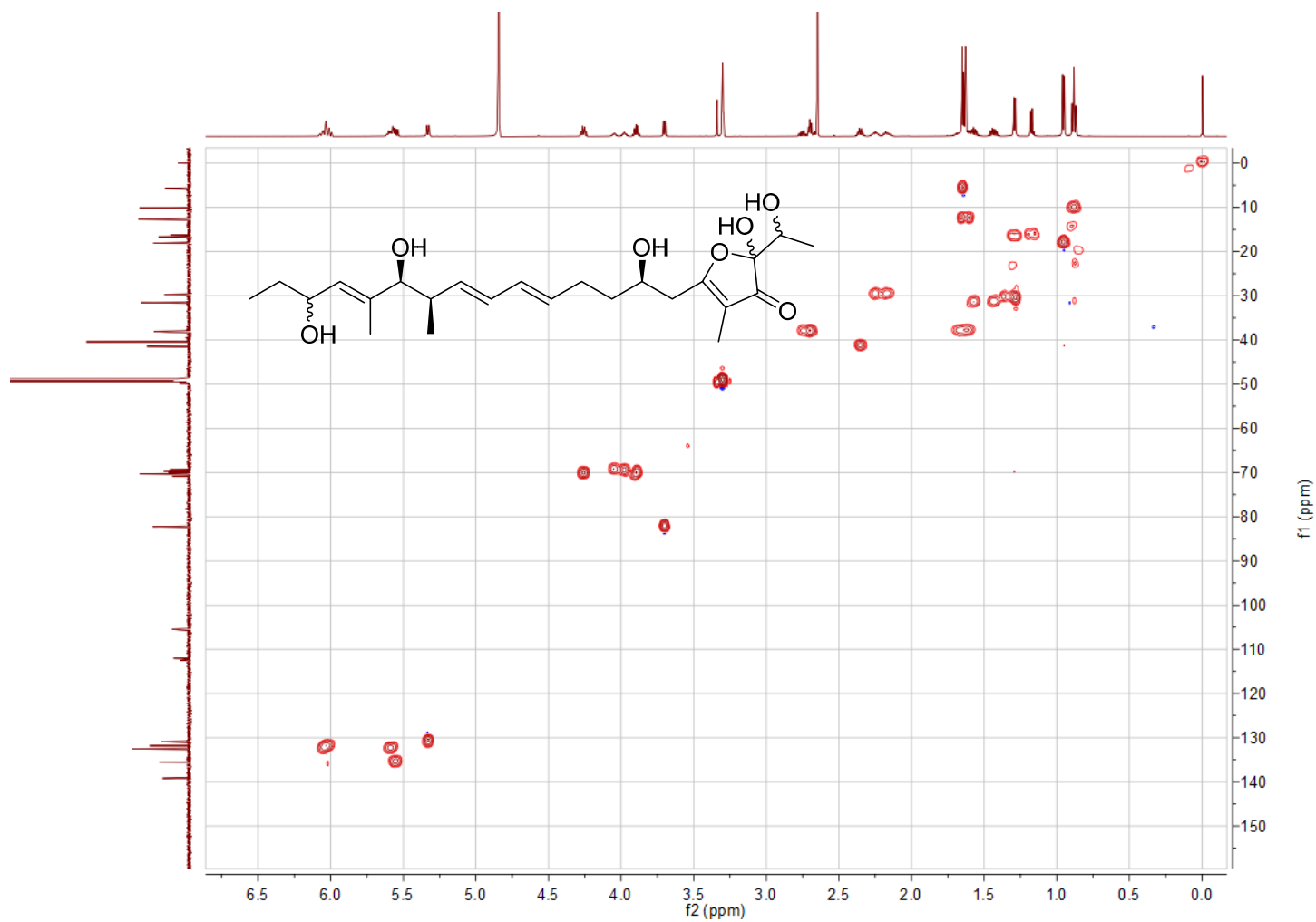


Figure S19. HSQC spectrum (CD_3OD) of the new compound 2

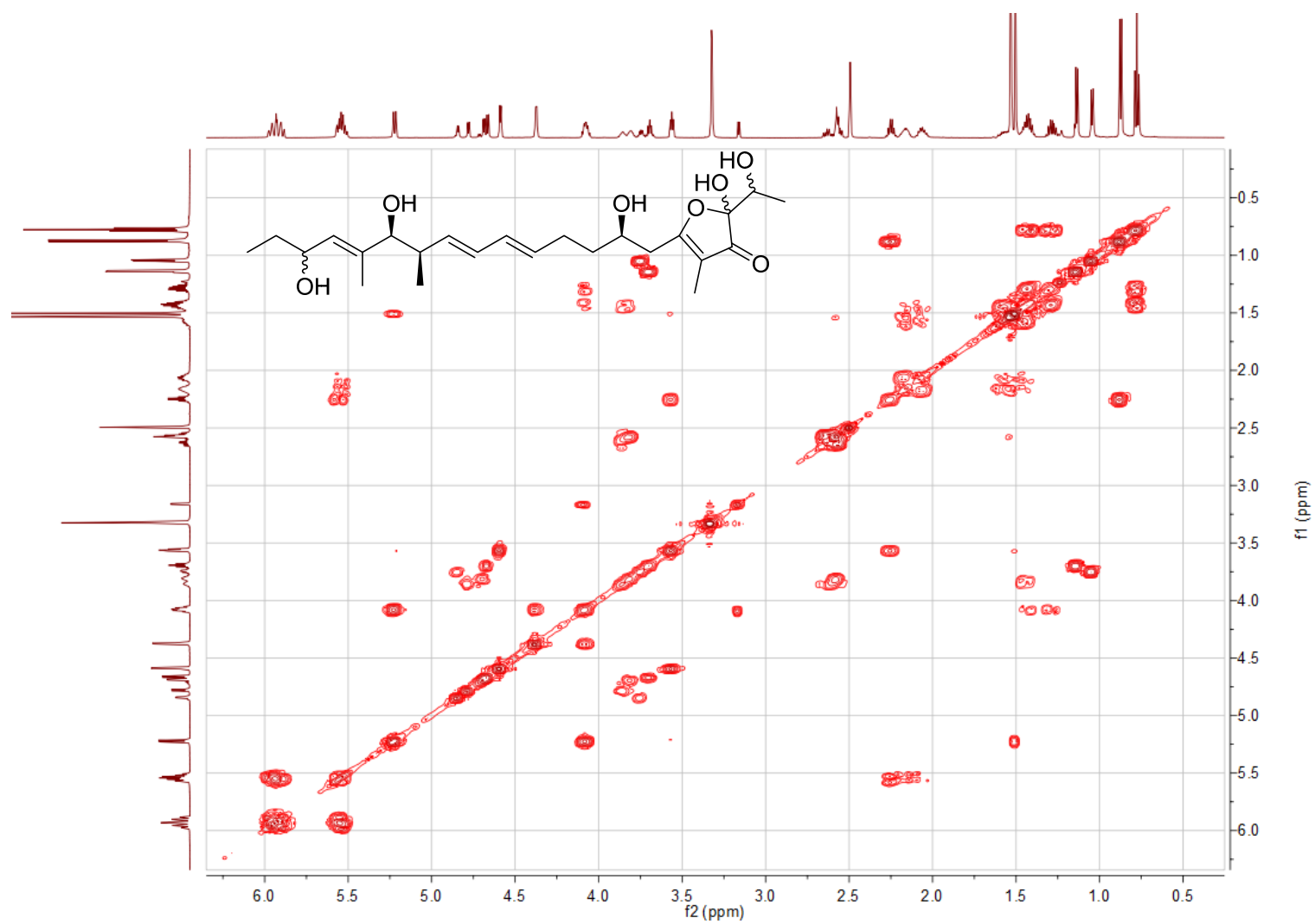


Figure S20. COSY spectrum (DMSO- d_6) of the new compound 2

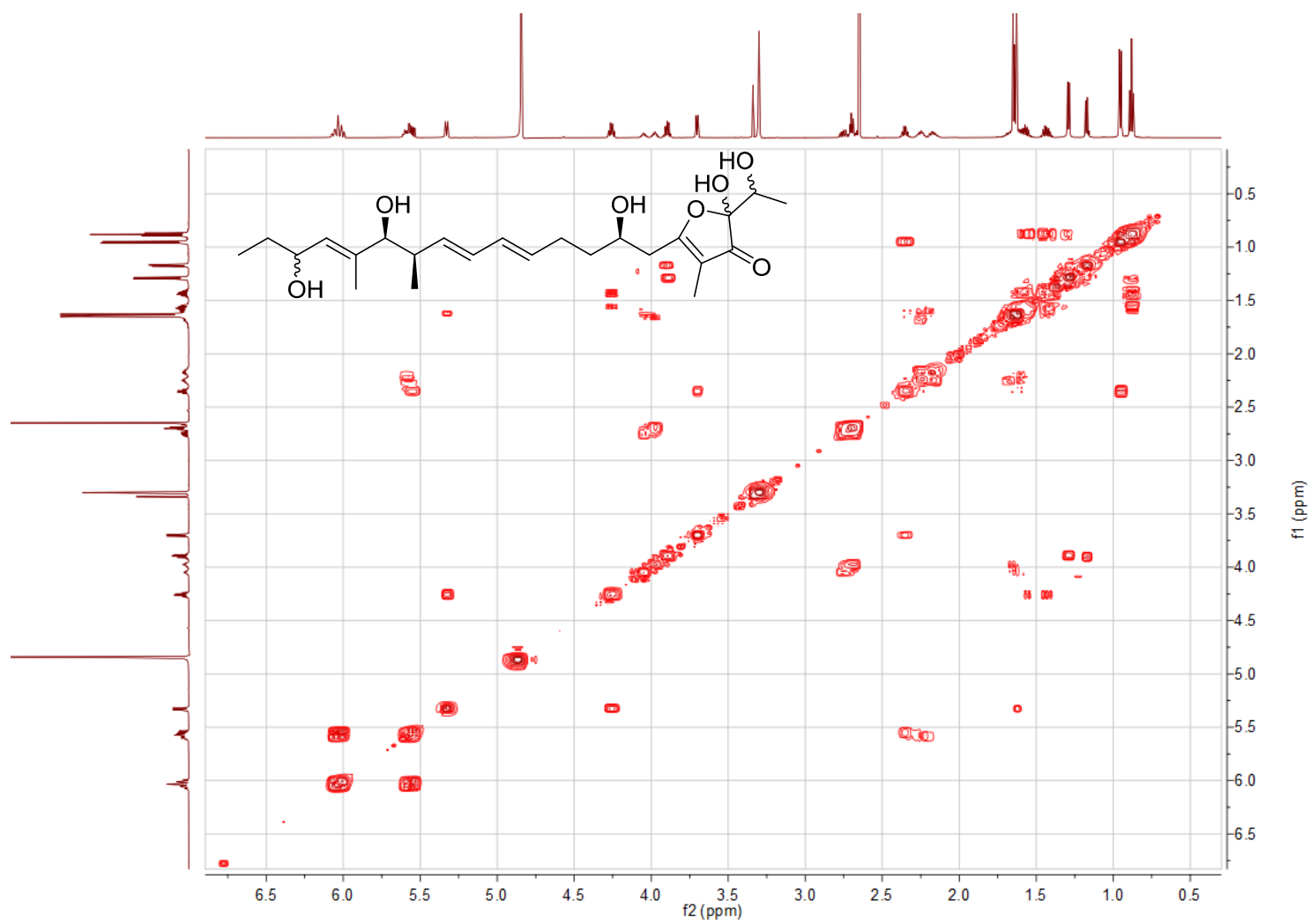


Figure S21. COSY spectrum (CD₃OD) of the new compound 2

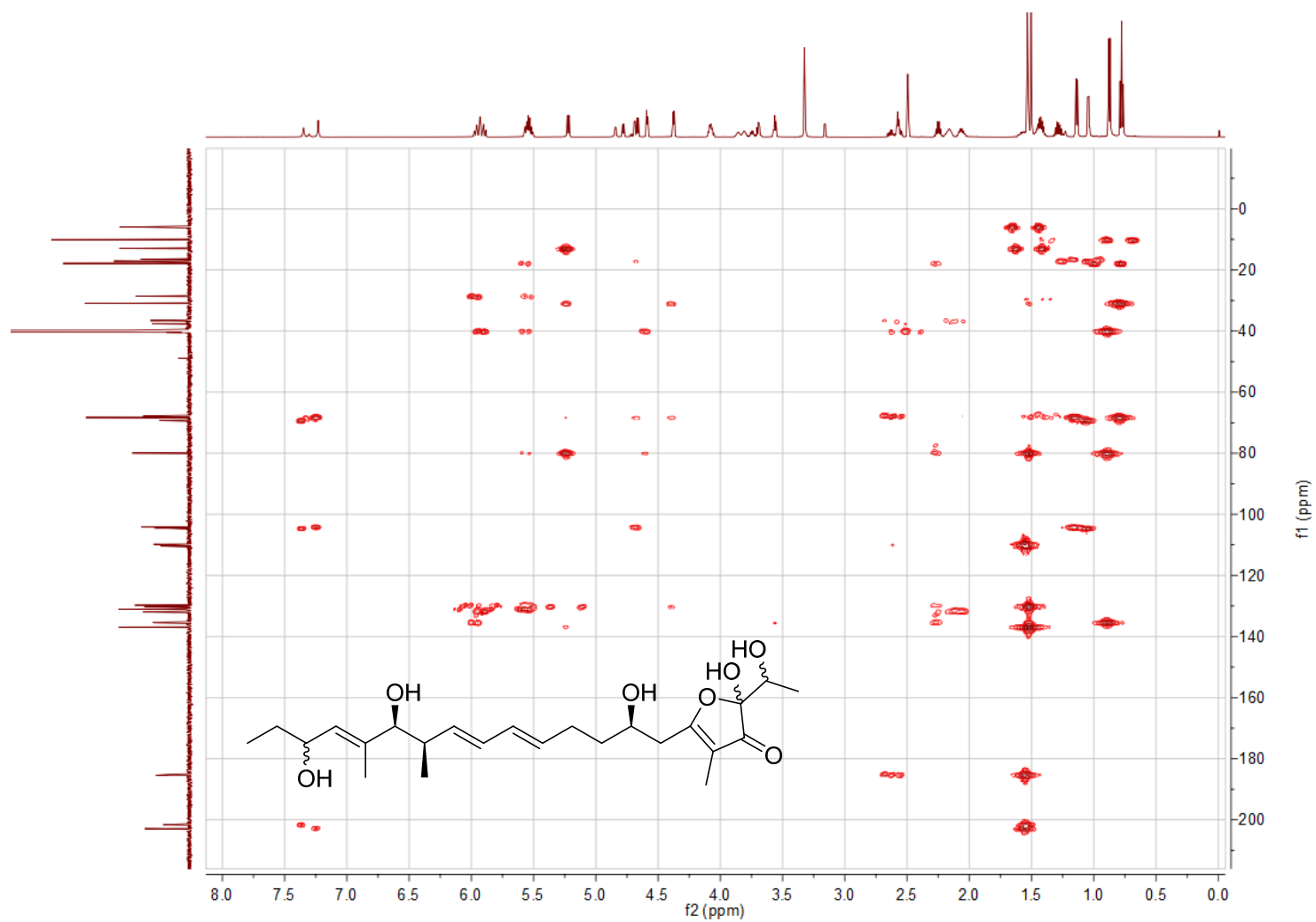


Figure S22. HMBC spectrum (DMSO- d_6) of the new compound 2

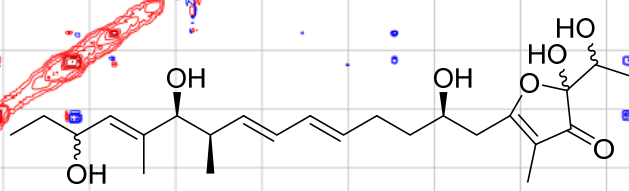


Figure S23. NOESY spectrum (CD₃OD) of the new compound **2**

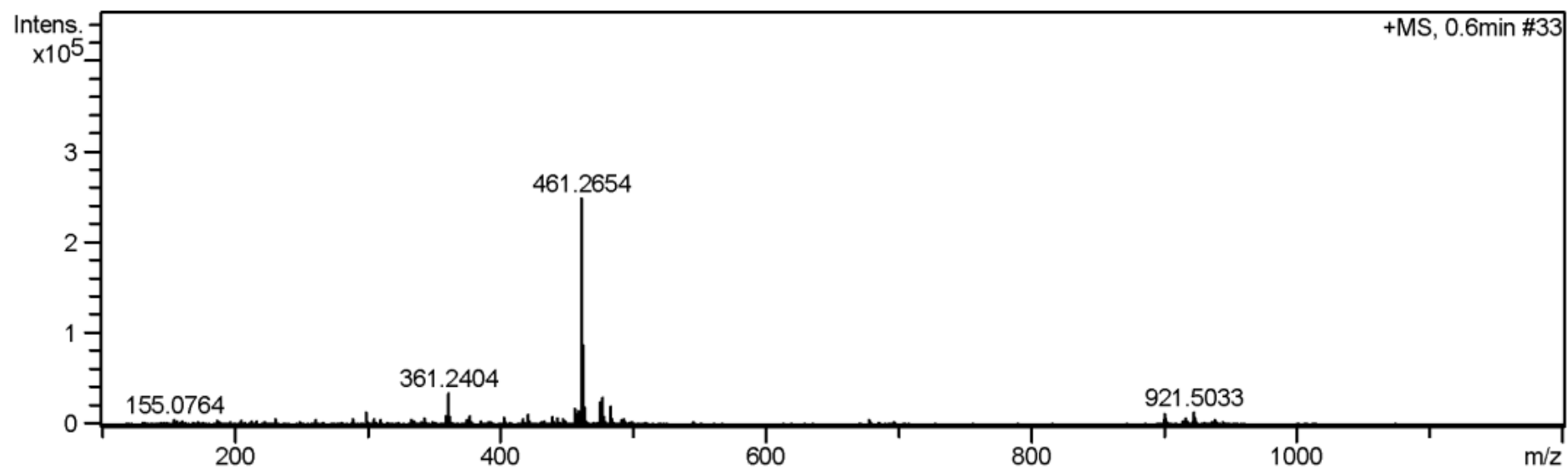


Figure S24. HRESI-MS spectrum of the new compound **3**

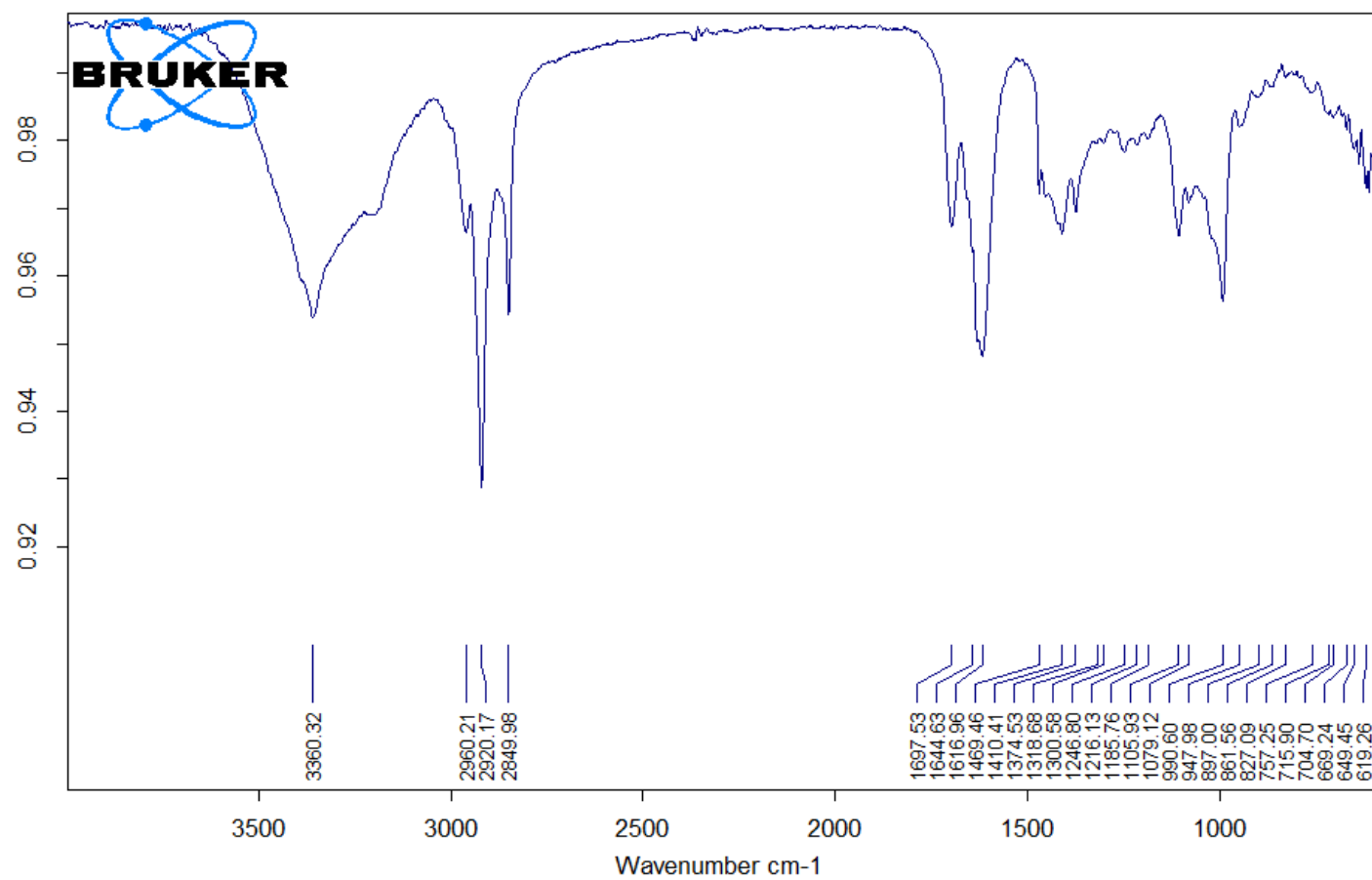


Figure S25. IR spectrum of the new compound **3**

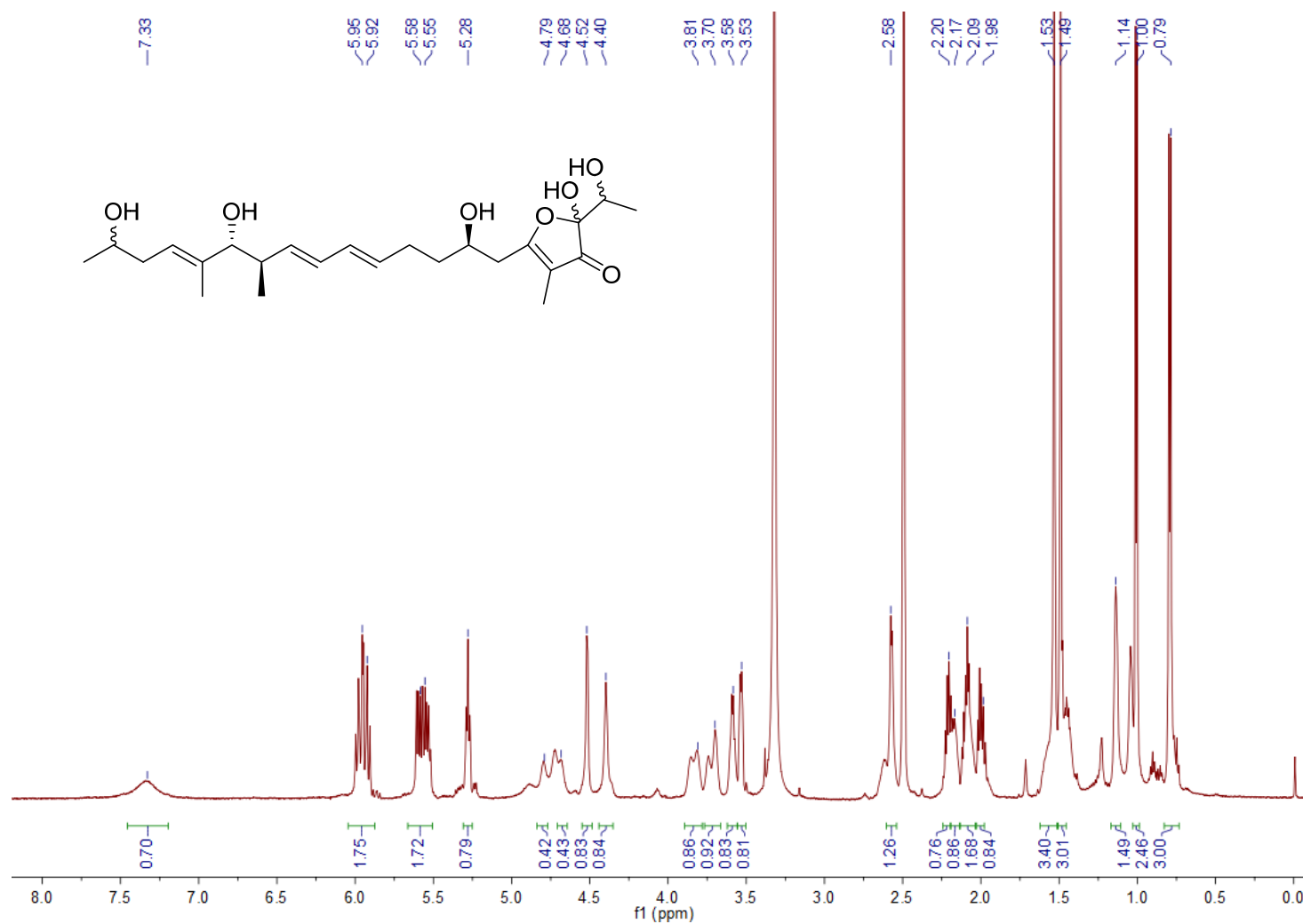


Figure S26. ¹H NMR (600 MHz, DMSO-*d*₆) spectrum of the new compound 3

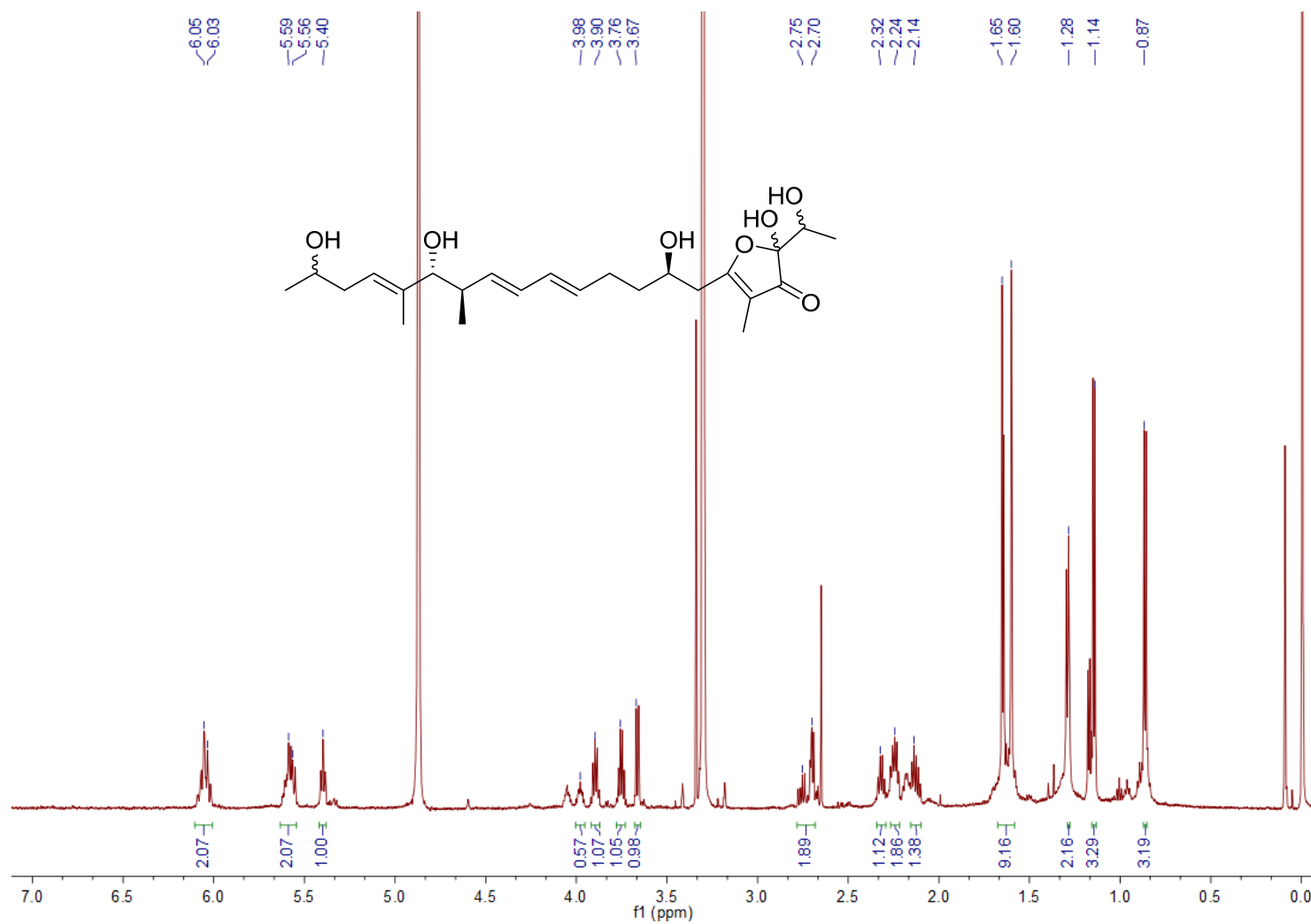


Figure S27. ¹H NMR (600 MHz, CD₃OD) spectrum of the new compound **3**

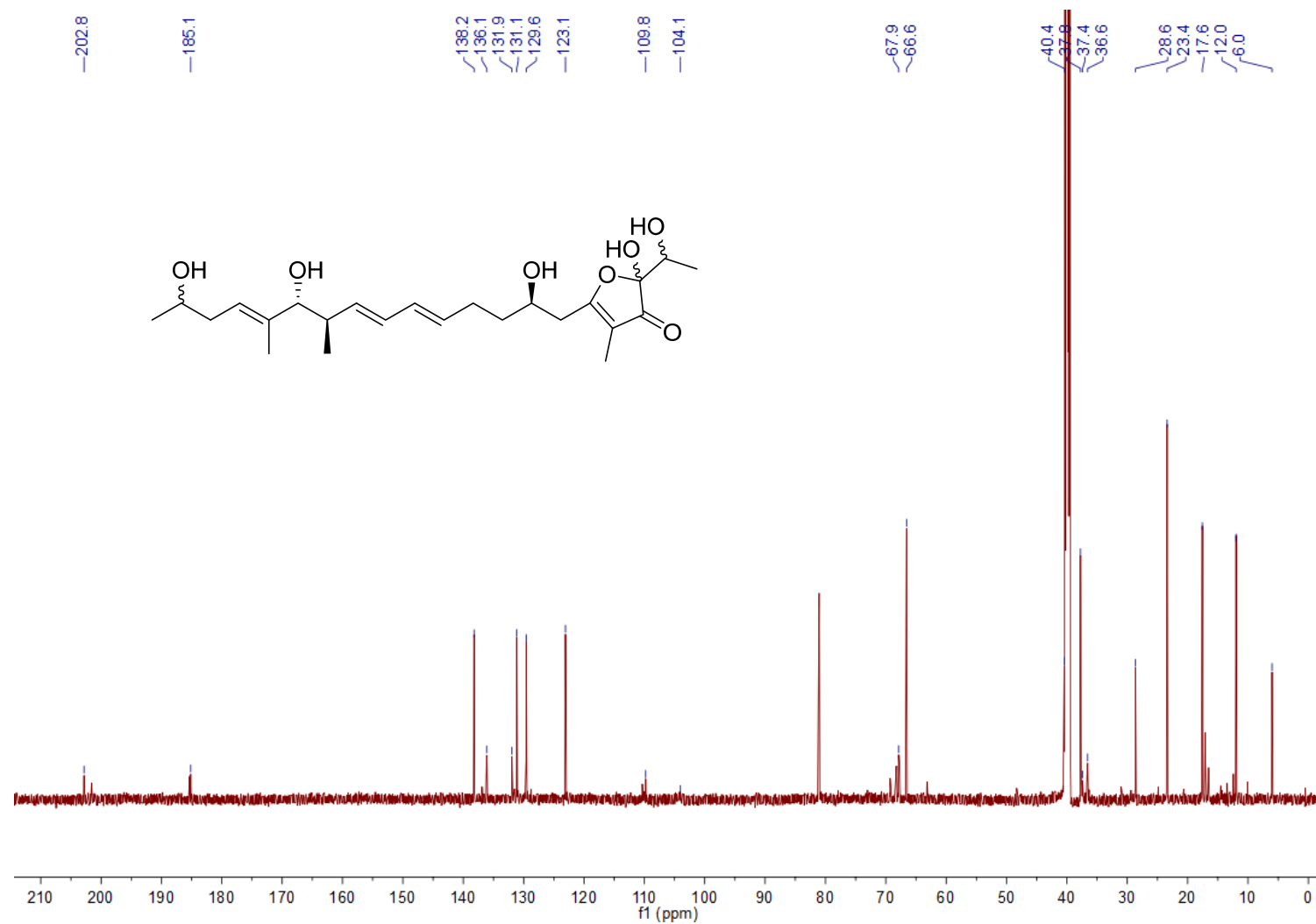


Figure S28. ¹³C NMR (150 MHz, DMSO-*d*₆) spectrum of the new compound **3**

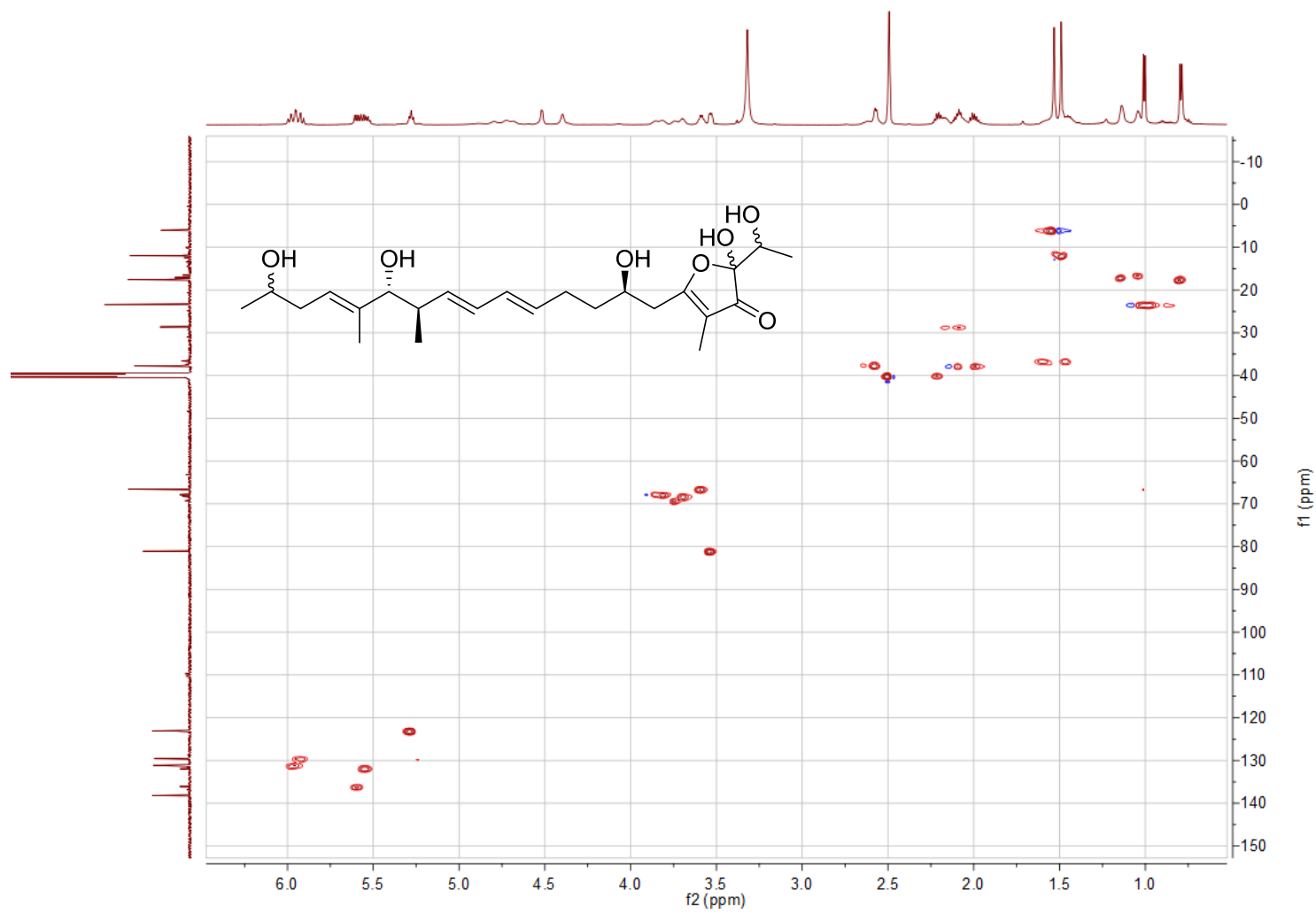


Figure S29. HSQC spectrum of the new compound 3

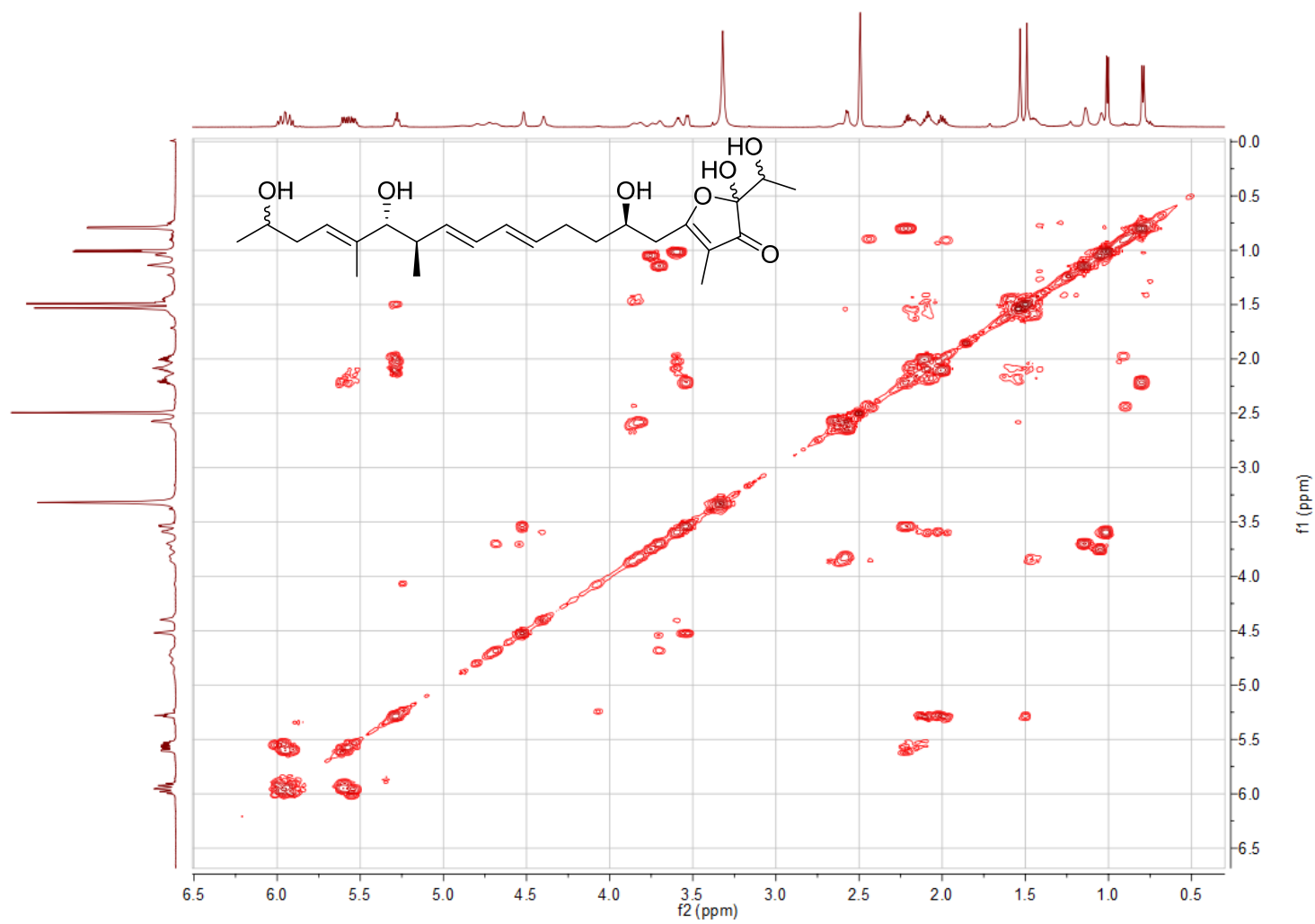


Figure S30. COSY spectrum (DMSO- d_6) of the new compound **3**

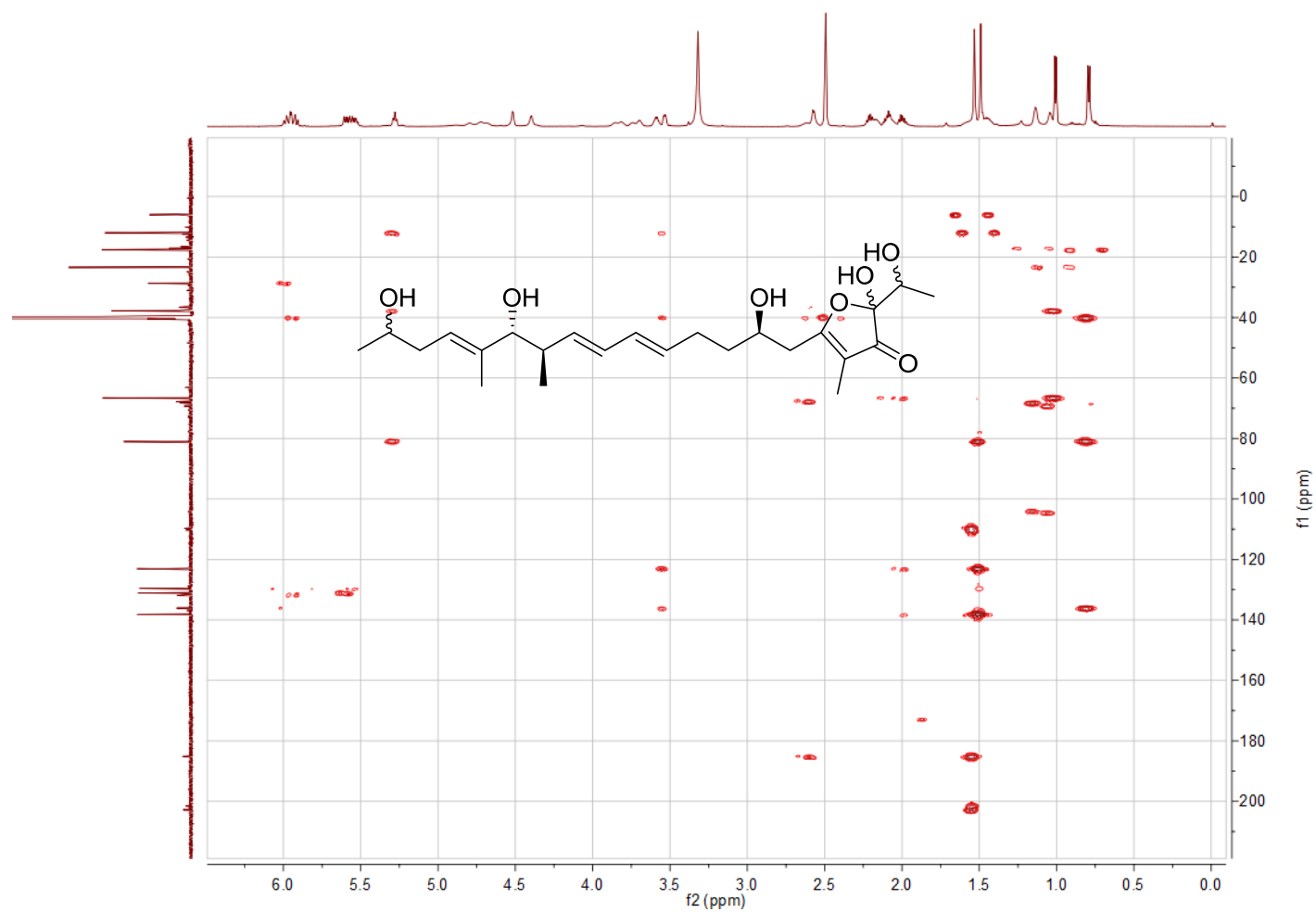


Figure S31. HMBC spectrum (DMSO-*d*₆) of the new compound **3**

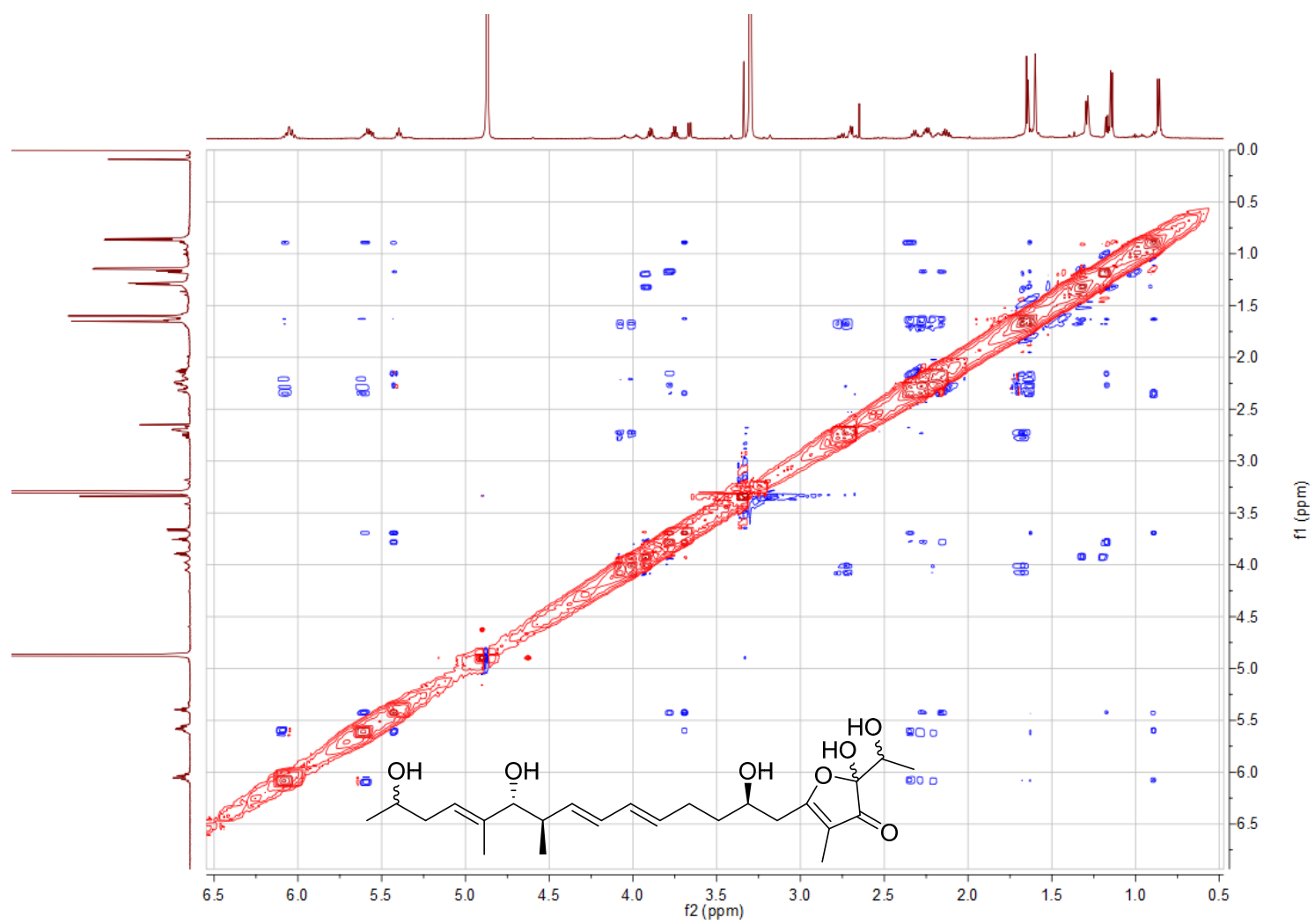


Figure S32. NOESY spectrum (CD₃OD) of the new compound **3**

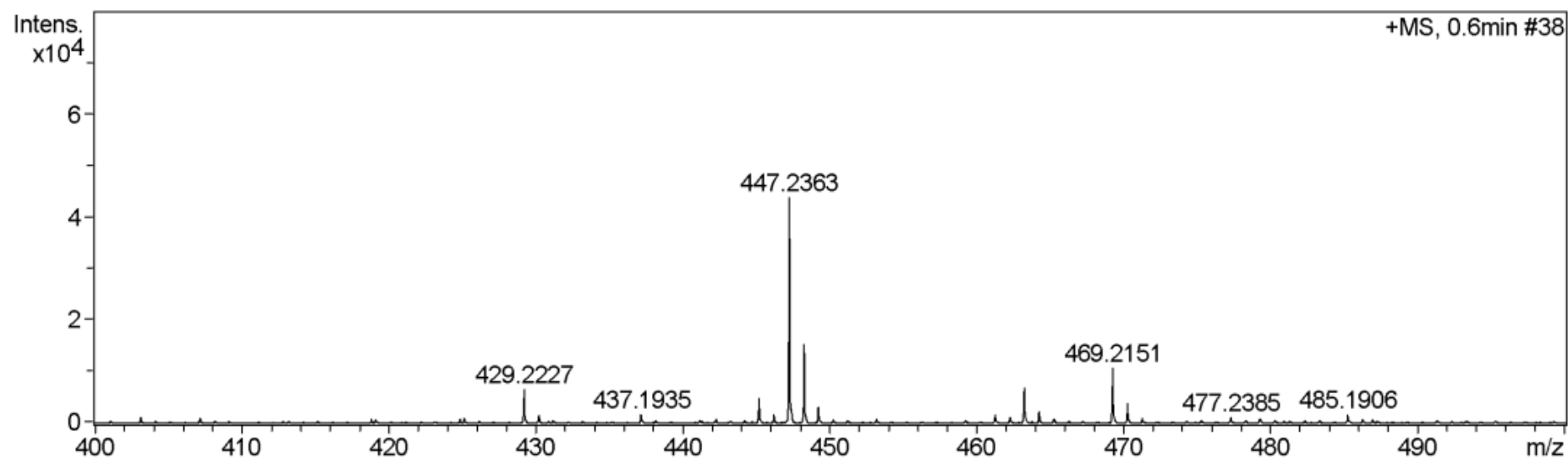


Figure S33. HRESI-MS spectrum of the new compound **4**

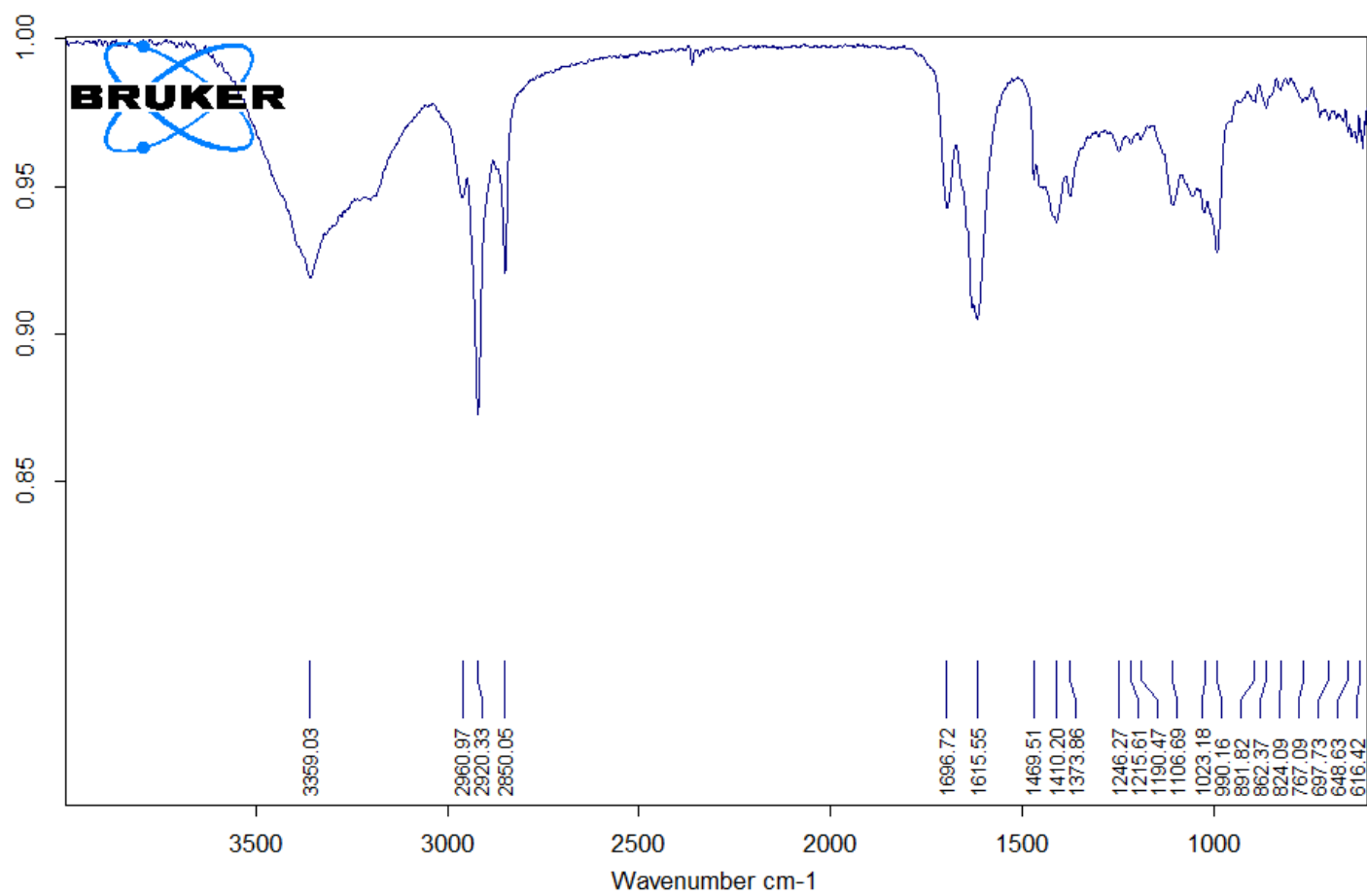


Figure S34. IR spectrum of the new compound **4**

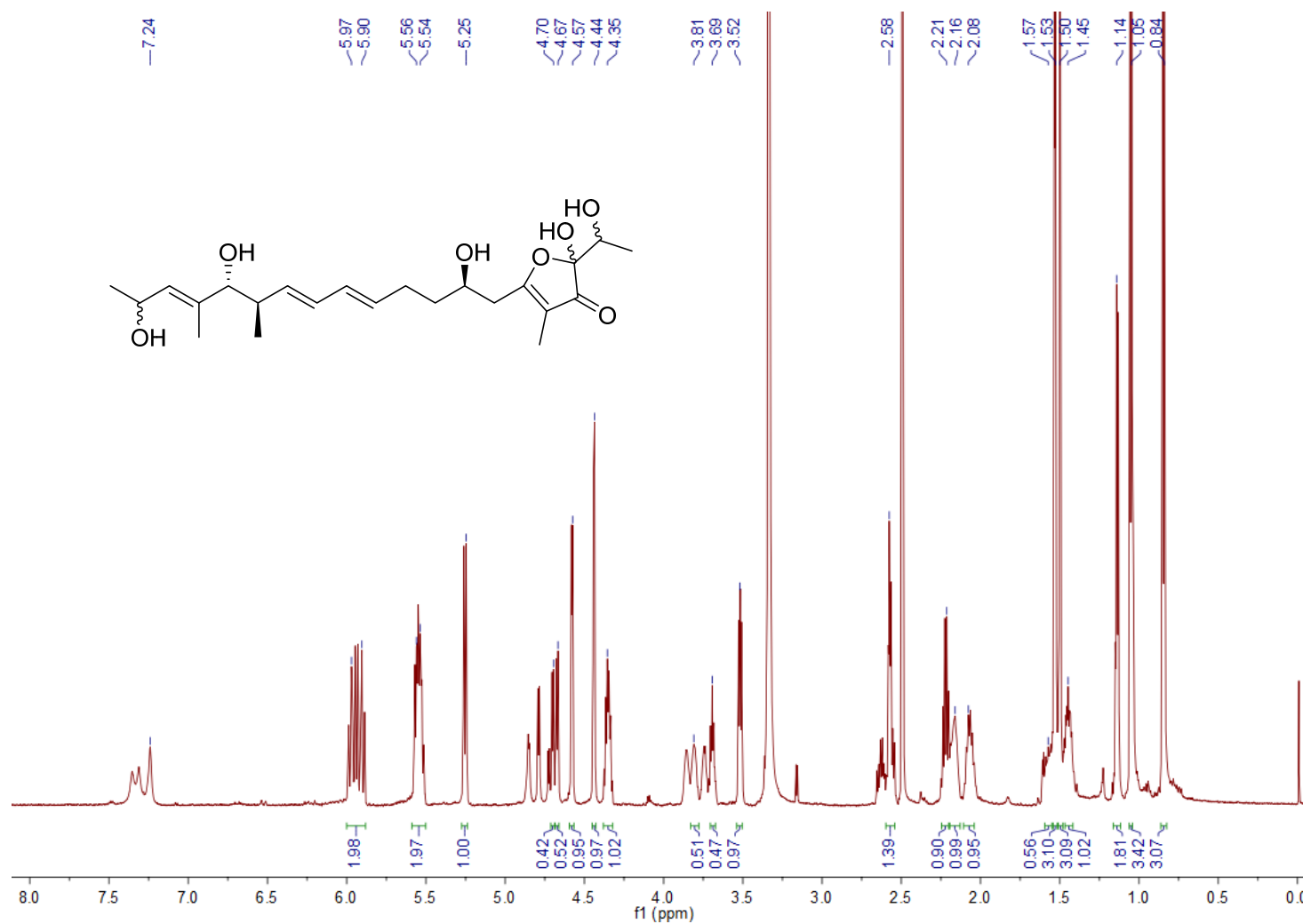


Figure S35. ¹H NMR (600 MHz, DMSO-*d*₆) spectrum of the new compound 4

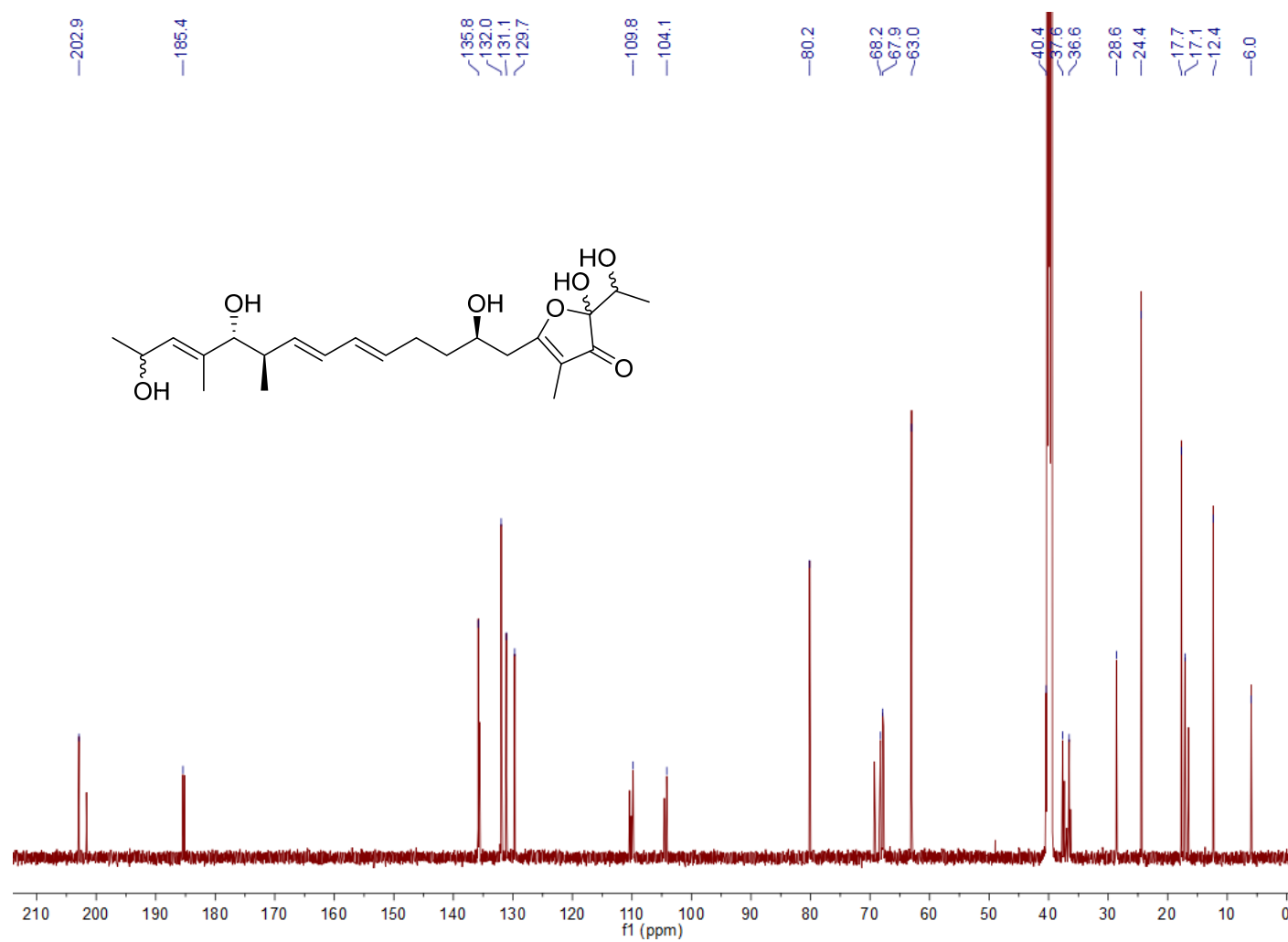


Figure S36. ¹³C NMR (150 MHz, DMSO-*d*₆) spectrum of the new compound **4**

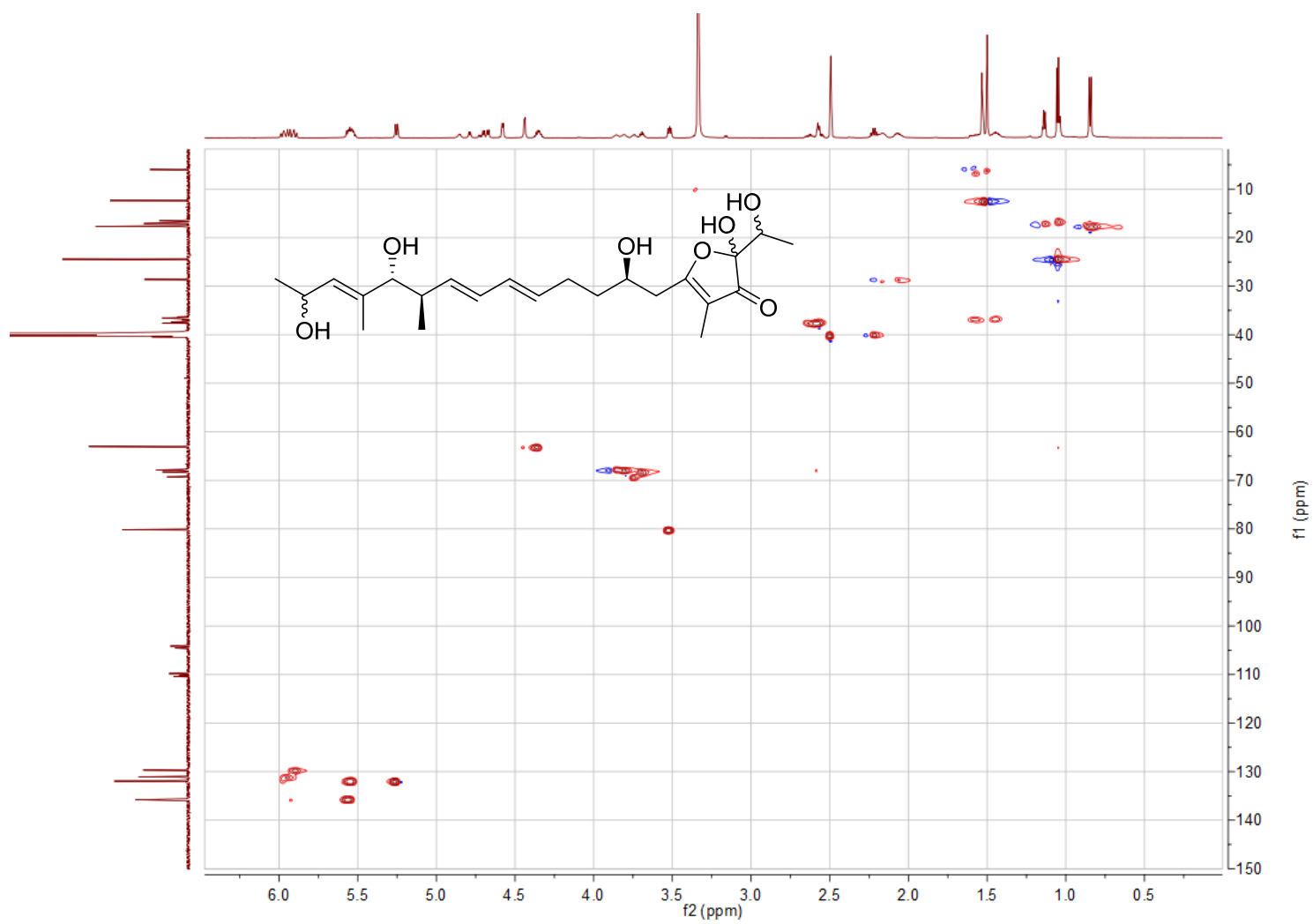


Figure S37. HSQC spectrum of the new compound **4**

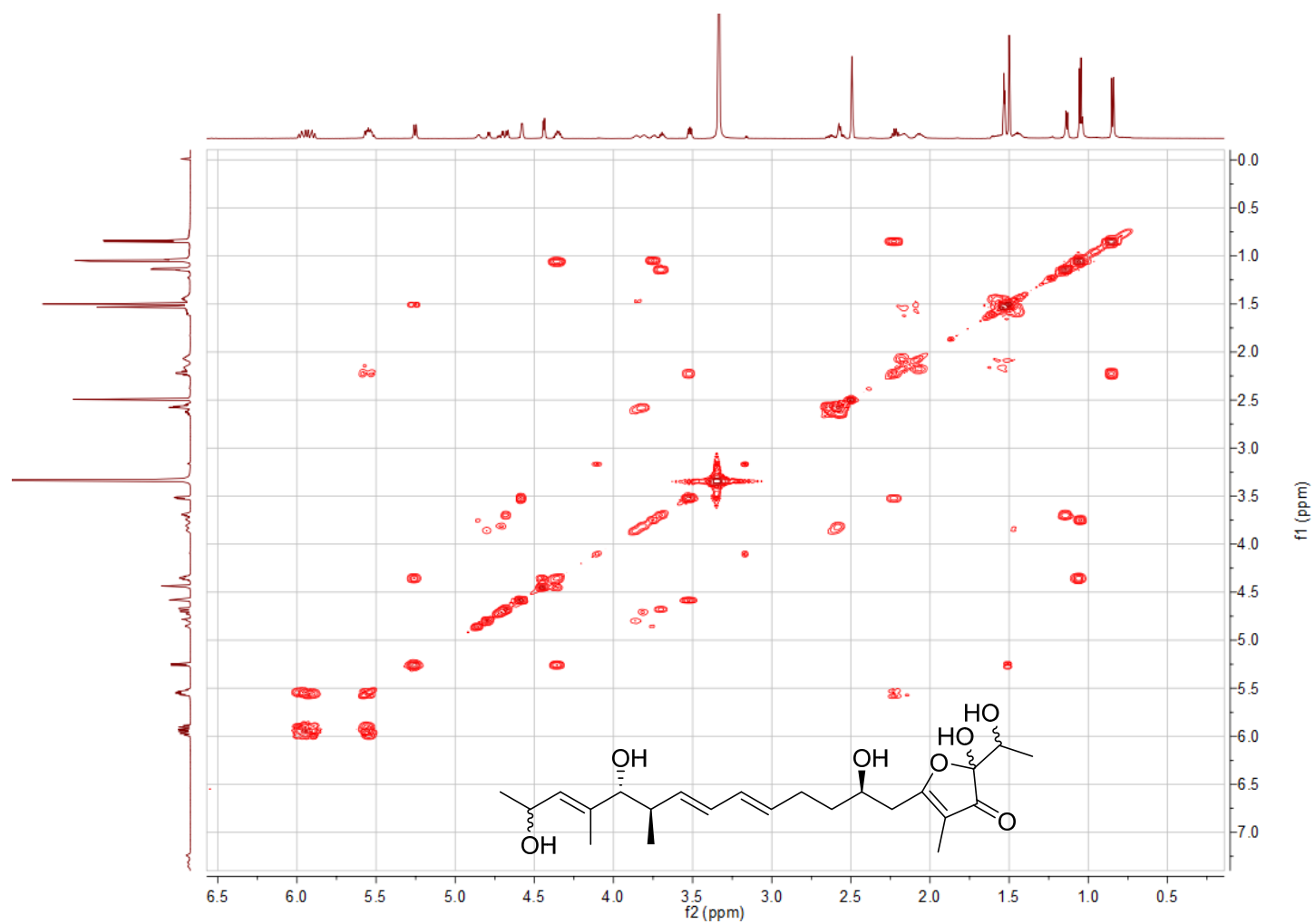


Figure S38. COSY spectrum of the new compound **4**

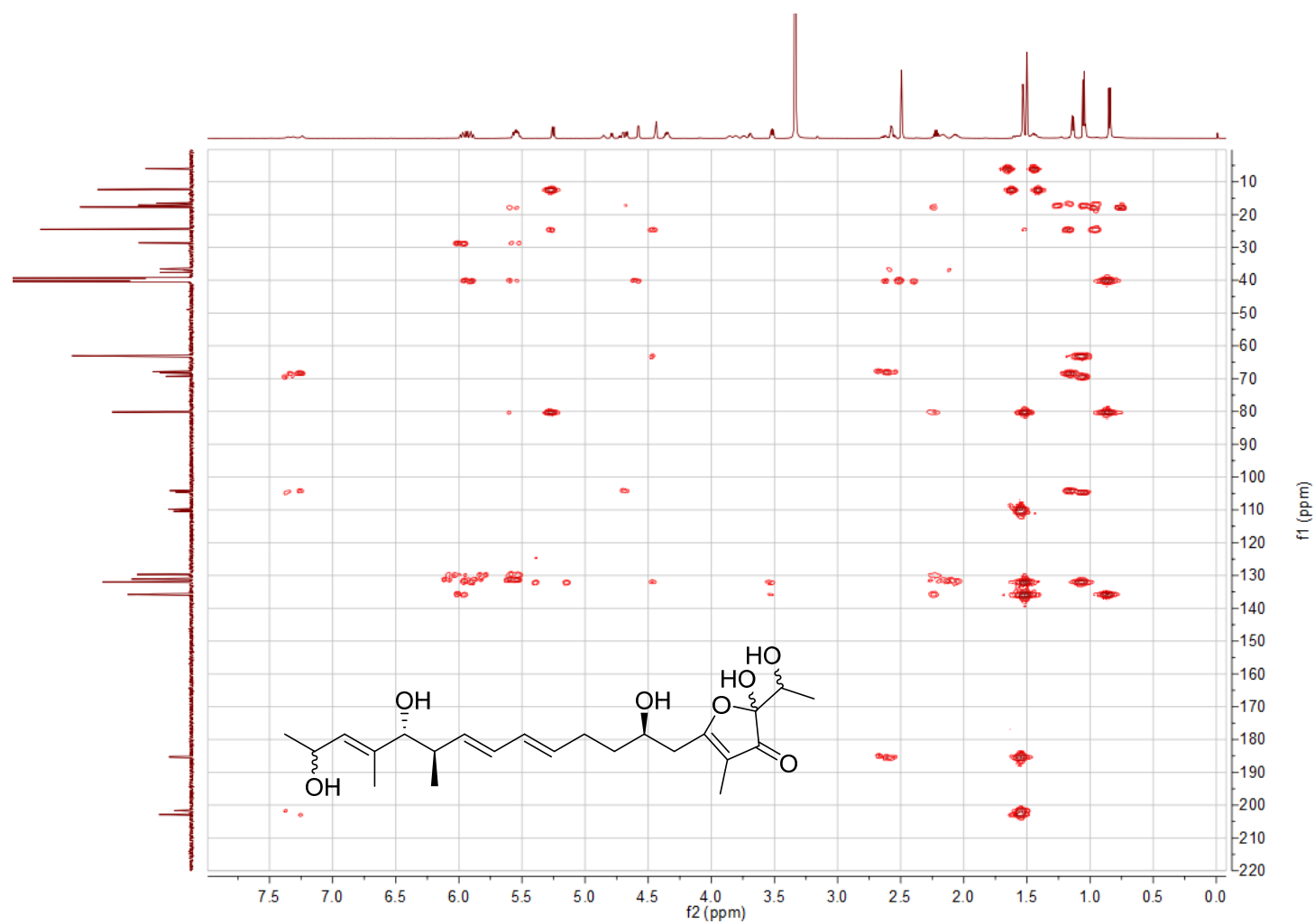


Figure S39. HMBC spectrum of the new compound 4

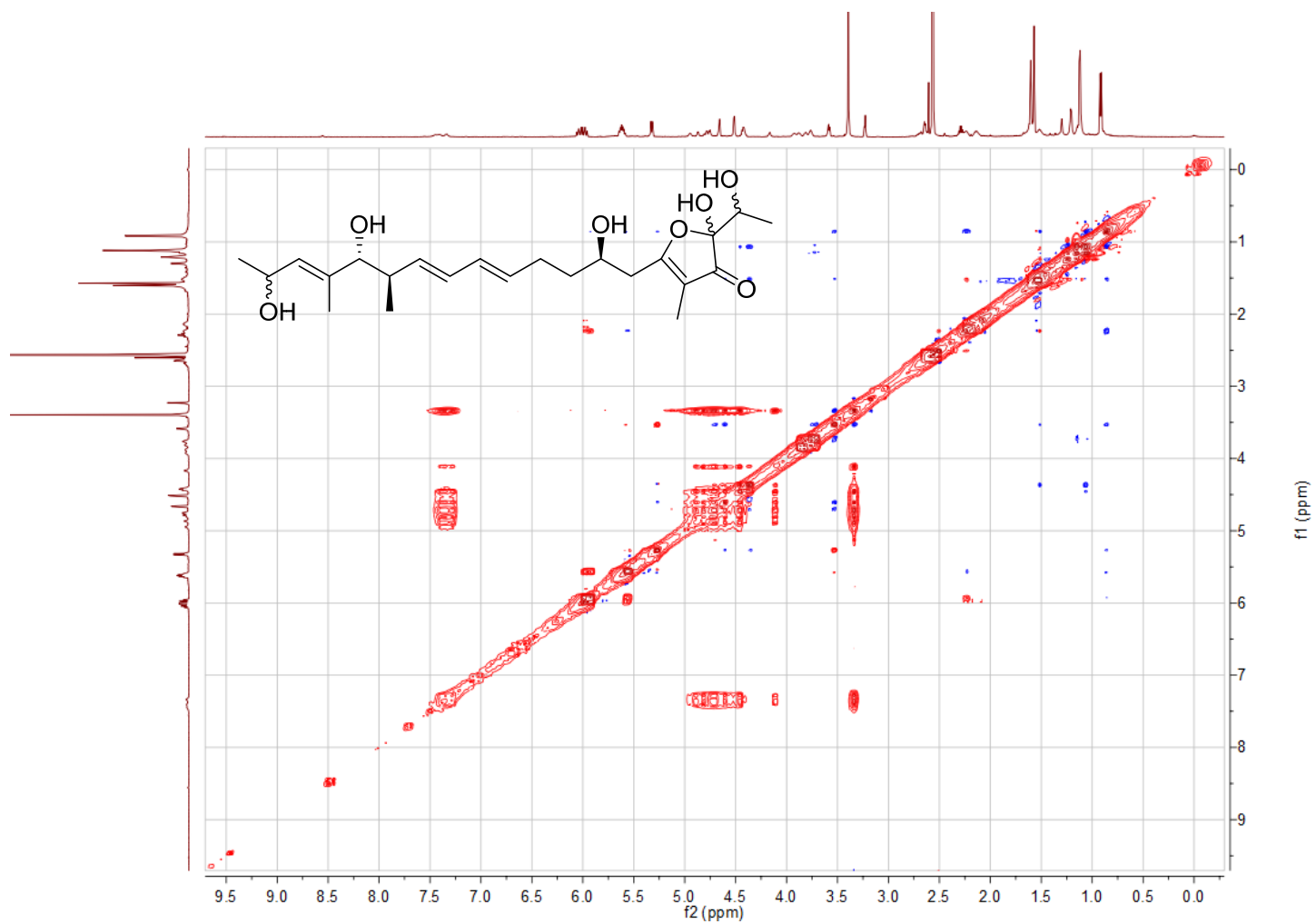


Figure S40. NOESY spectrum of the new compound **4**

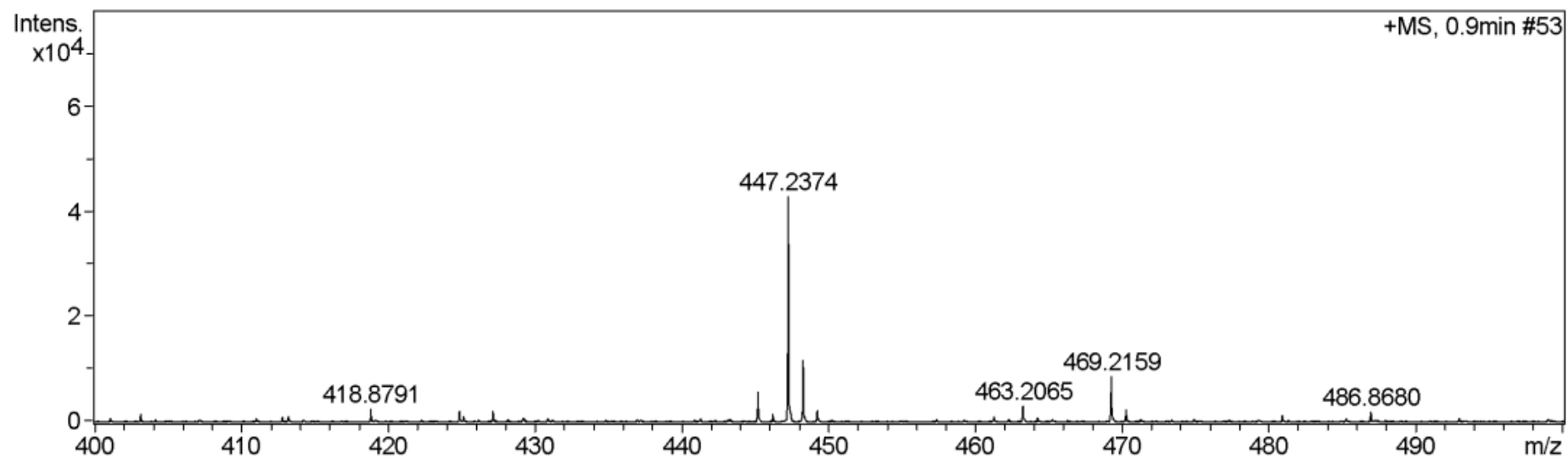


Figure S41. HRESI-MS spectrum of the new compound 5

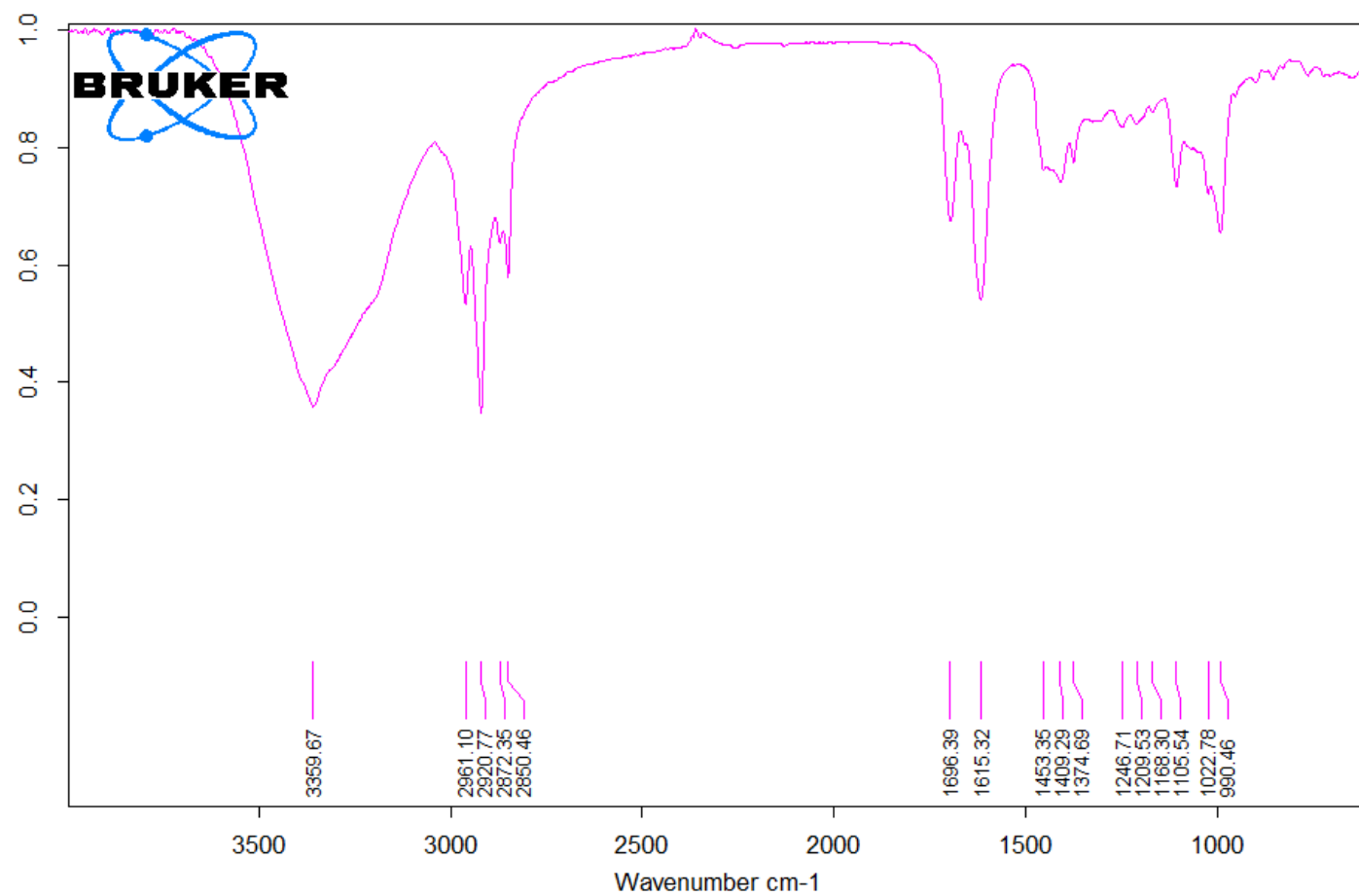


Figure S42. IR spectrum of the new compound 5

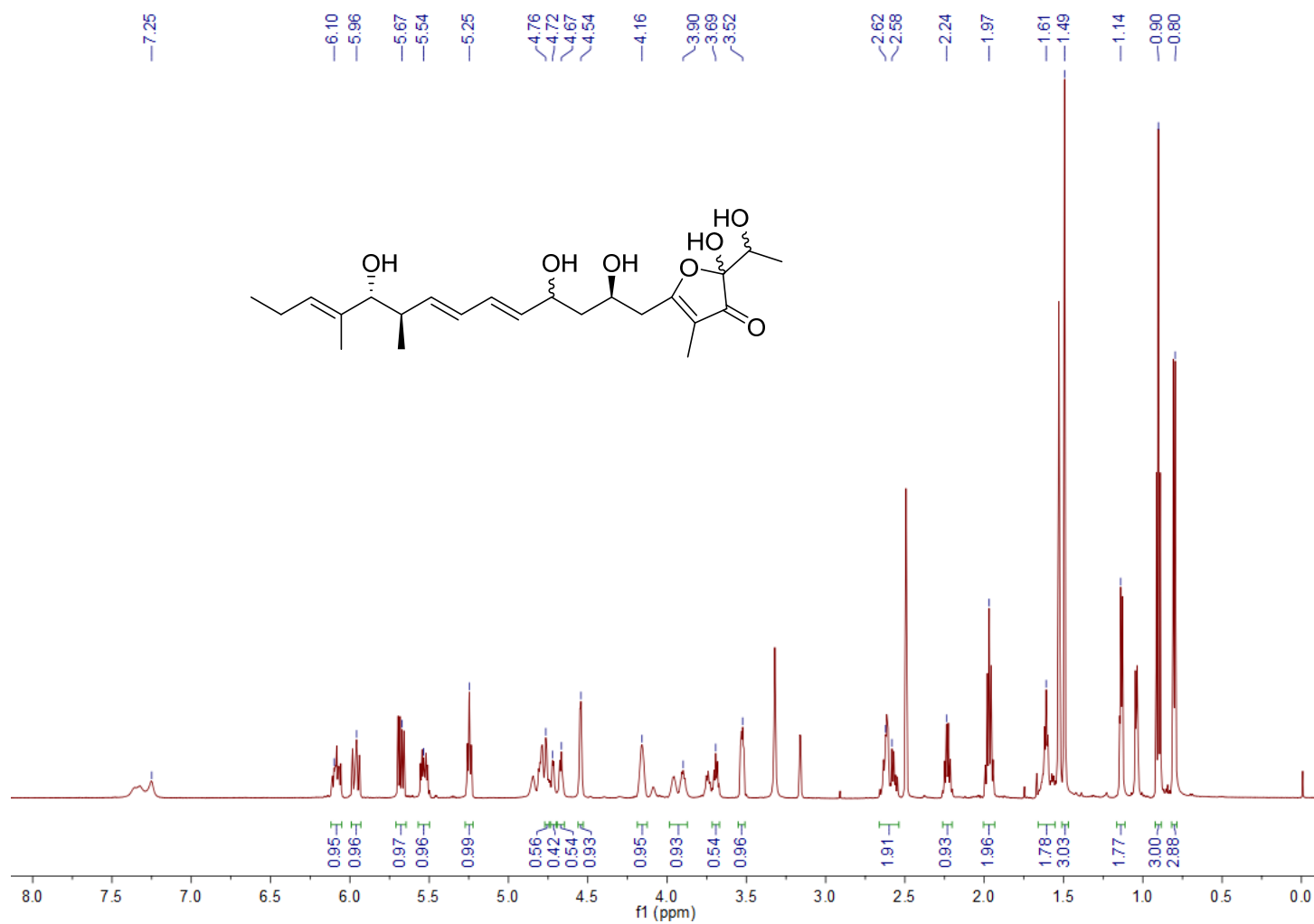


Figure S43. ^1H NMR (600 MHz, $\text{DMSO}-d_6$) spectrum of the new compound 5

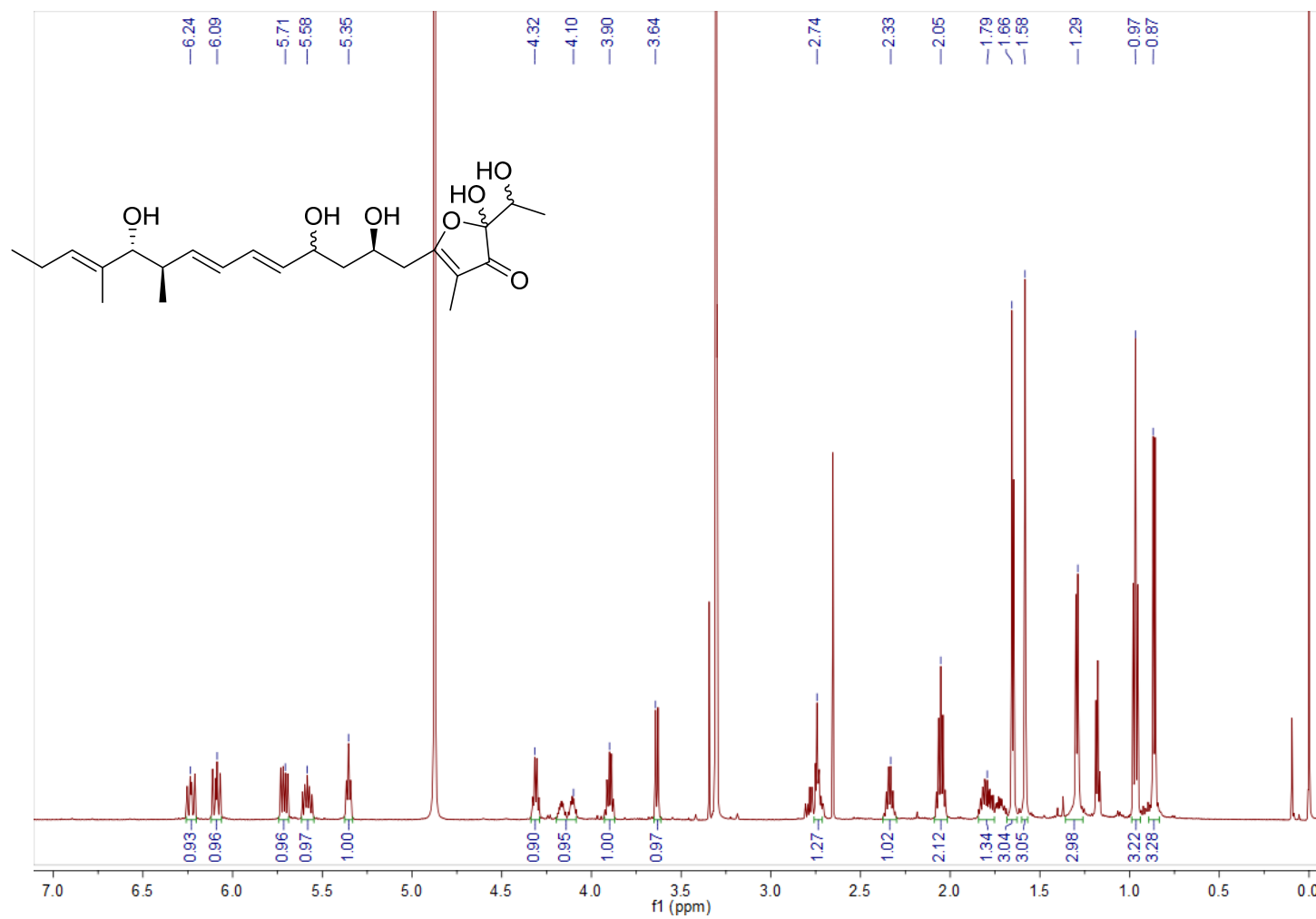


Figure S44. ^1H NMR (600 MHz, CD_3OD) spectrum of the new compound **5**

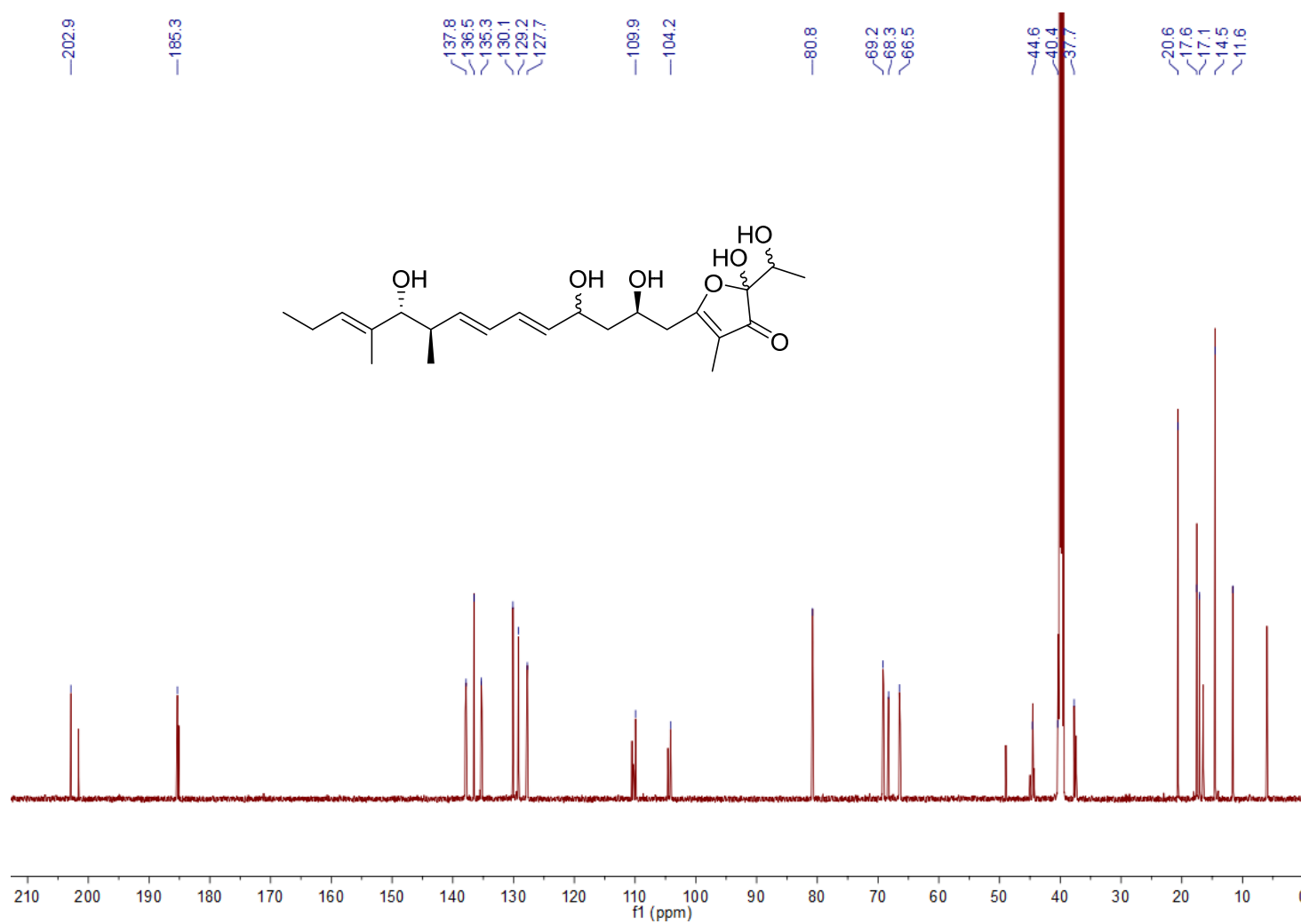


Figure S45. ¹³C NMR (150 MHz, DMSO-*d*₆) spectrum of the new compound 5

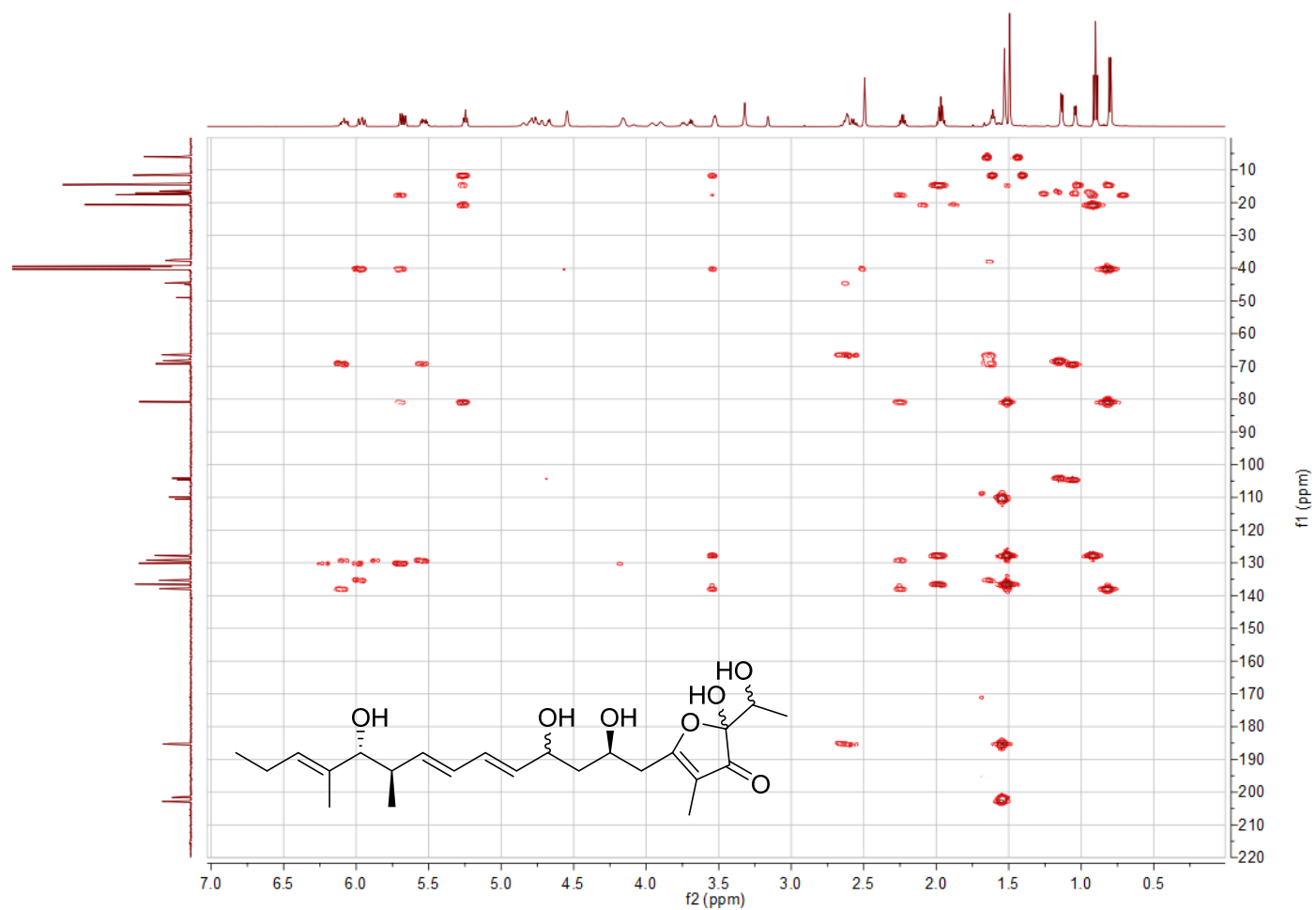


Figure S46. HSQC spectrum of the new compound 5

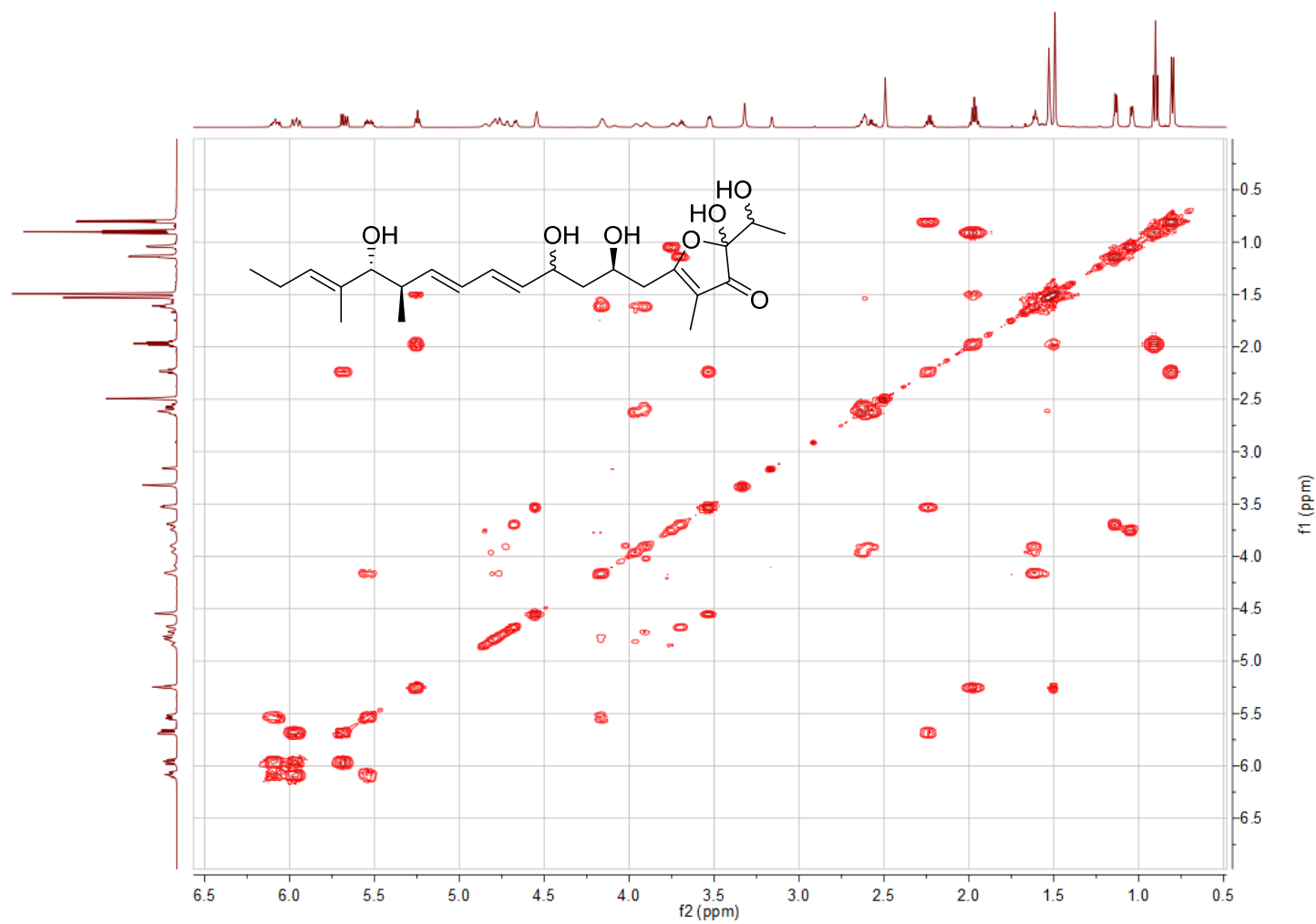


Figure S47. COSY spectrum (DMSO- d_6) of the new compound 5

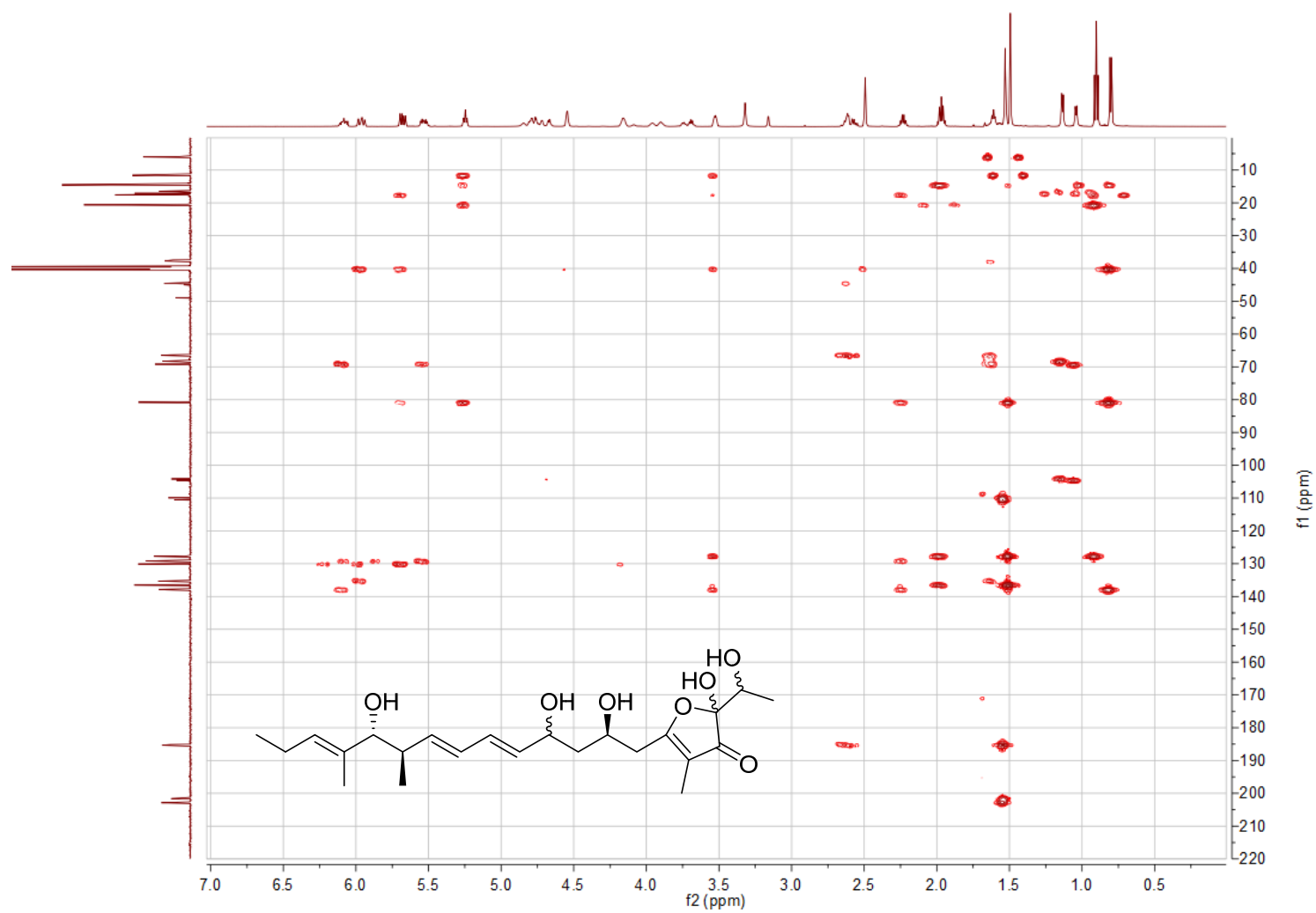


Figure S48. HMBC spectrum (DMSO- d_6) of the new compound 5

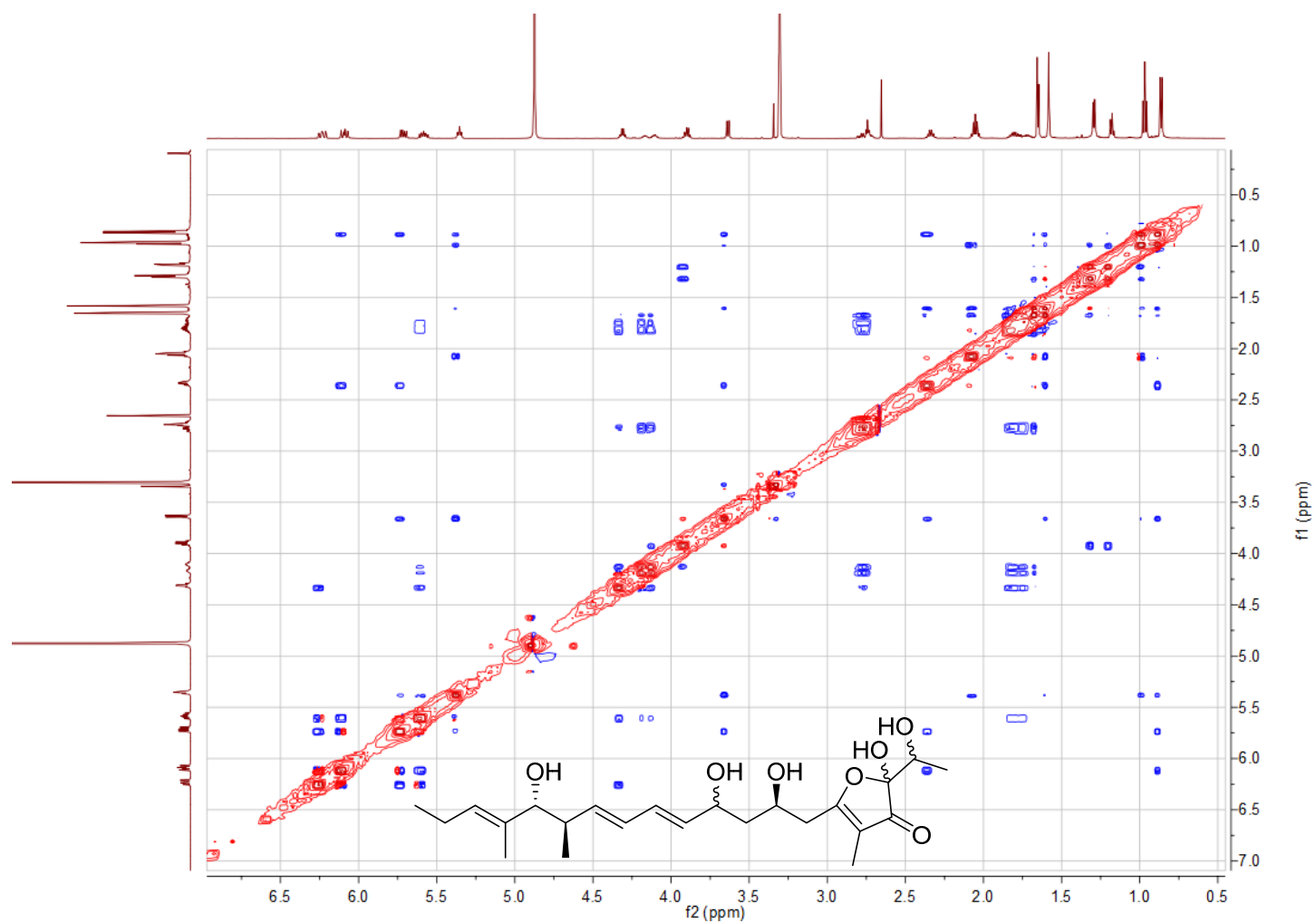


Figure S49. NOESY spectrum (CD₃OD) of the new compound 5

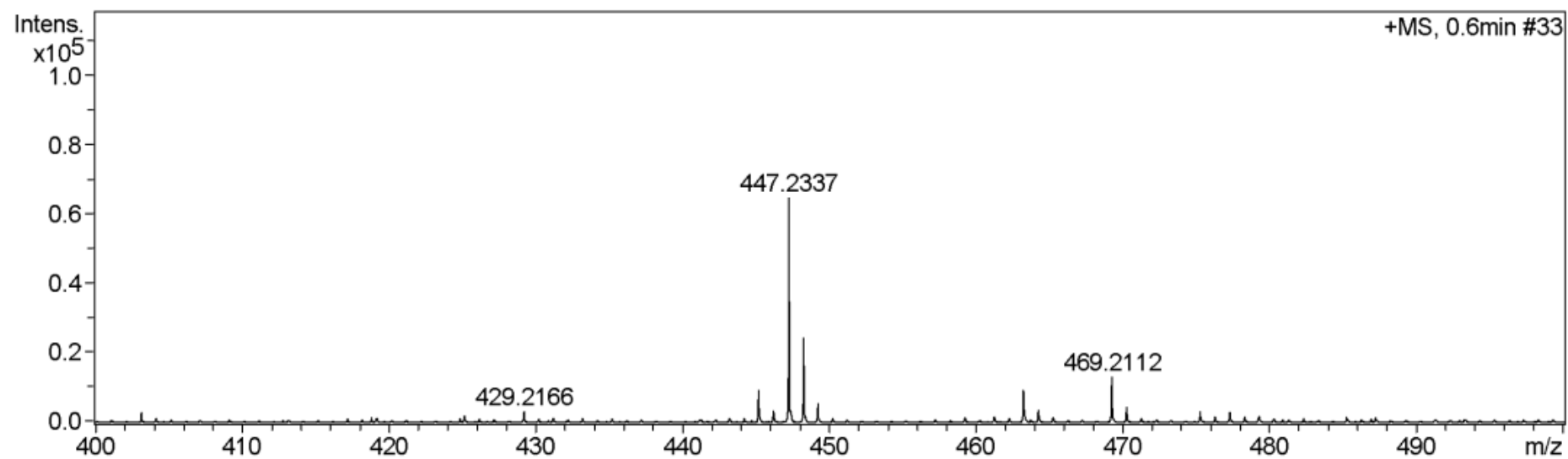


Figure S50. HRESI-MS spectrum of the new compound **6**

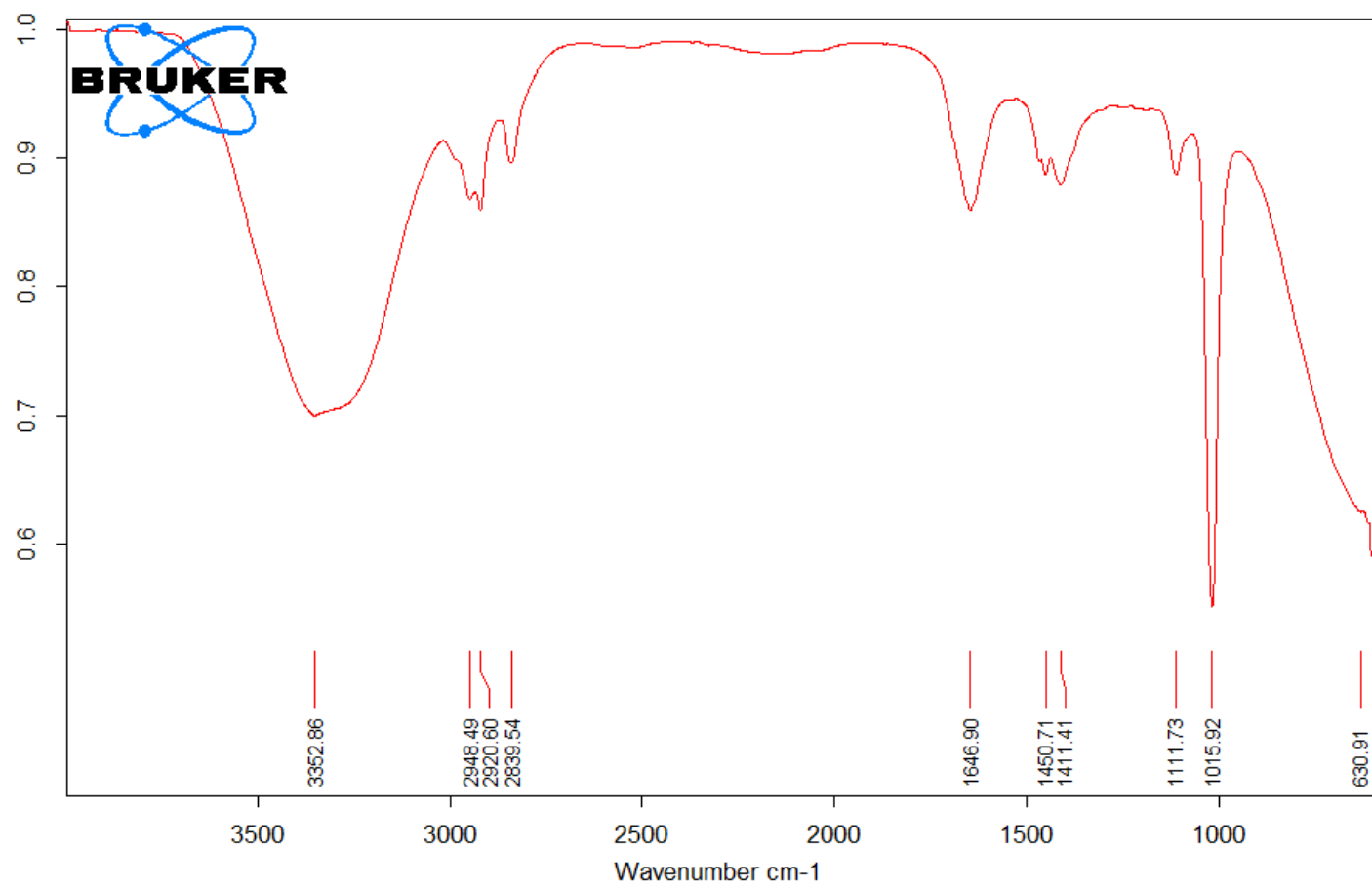


Figure S51. IR spectrum of the new compound **6**

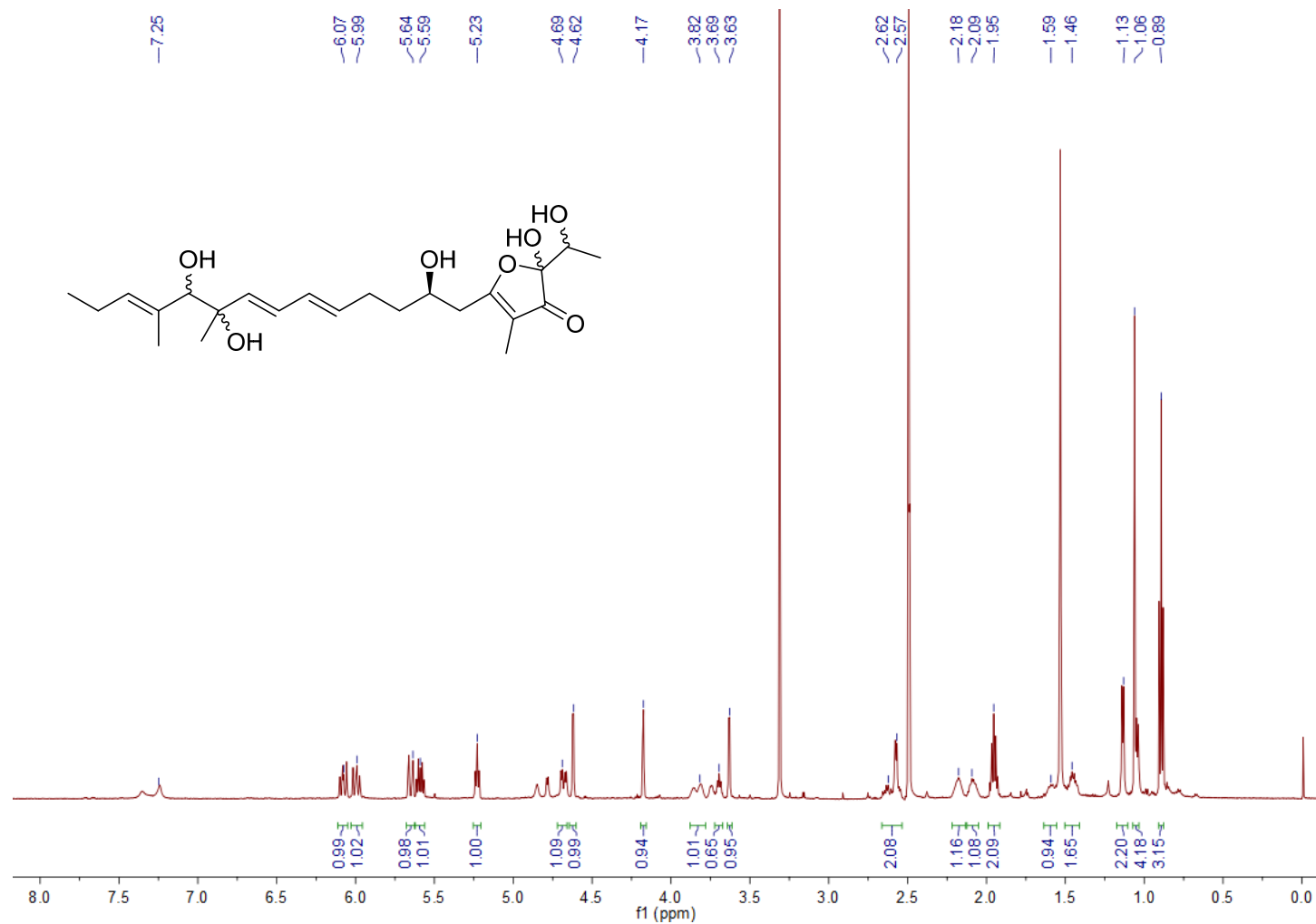


Figure S52. ^1H NMR (600 MHz, $\text{DMSO}-d_6$) spectrum of the new compound **6**

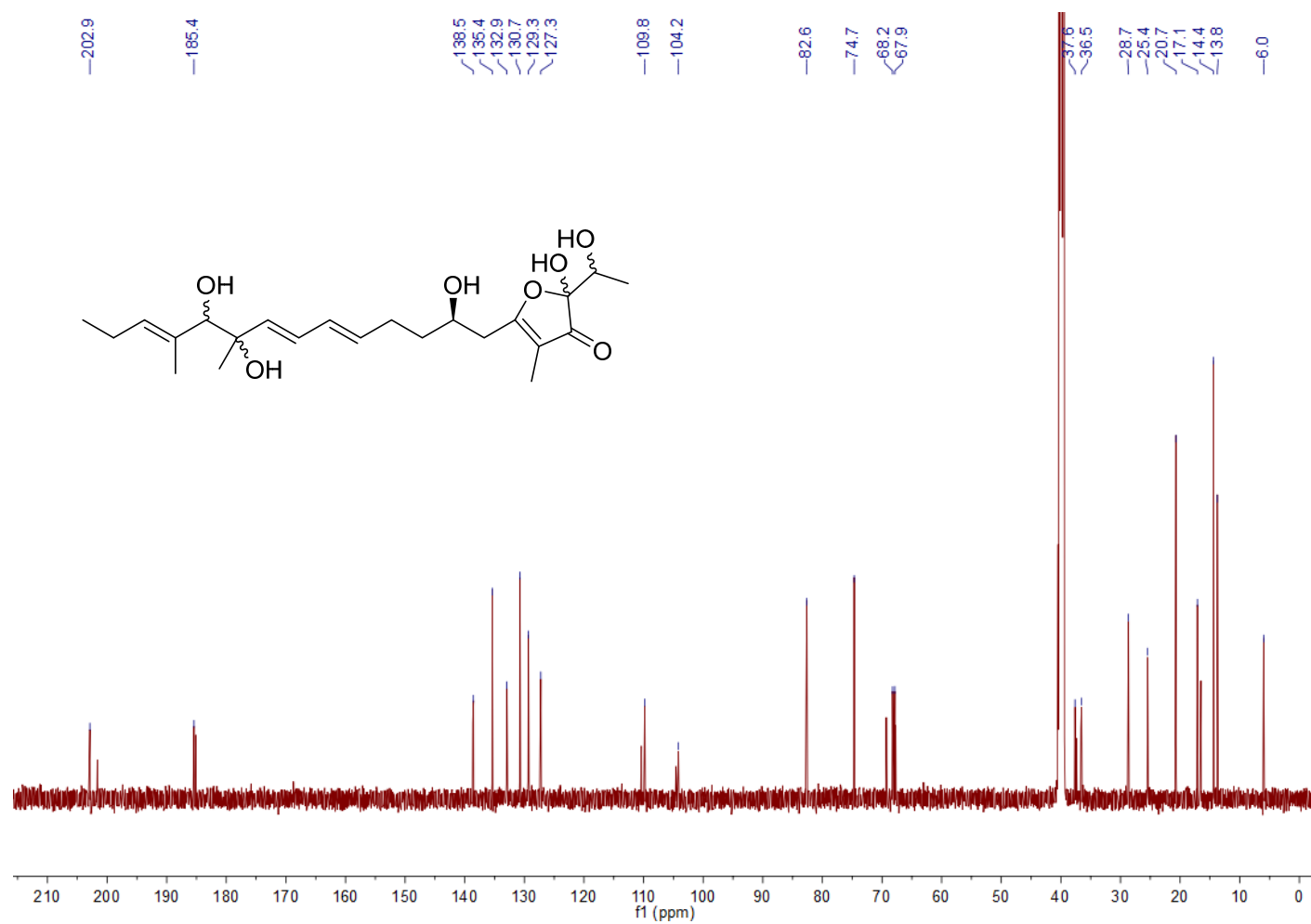


Figure S53. ^{13}C NMR (150 MHz, $\text{DMSO}-d_6$) spectrum of the new compound **6**

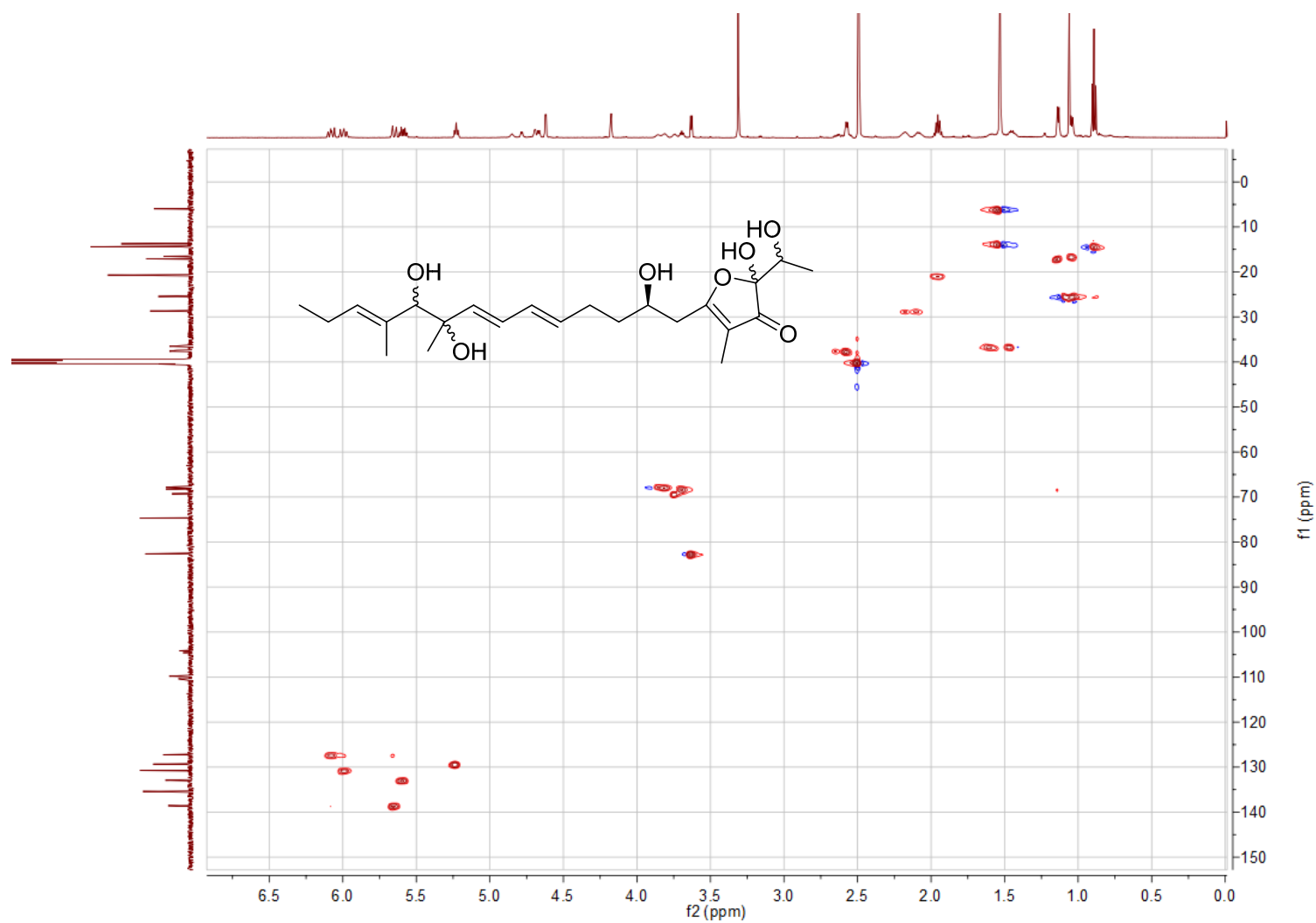


Figure S54. HSQC spectrum of the new compound **6**

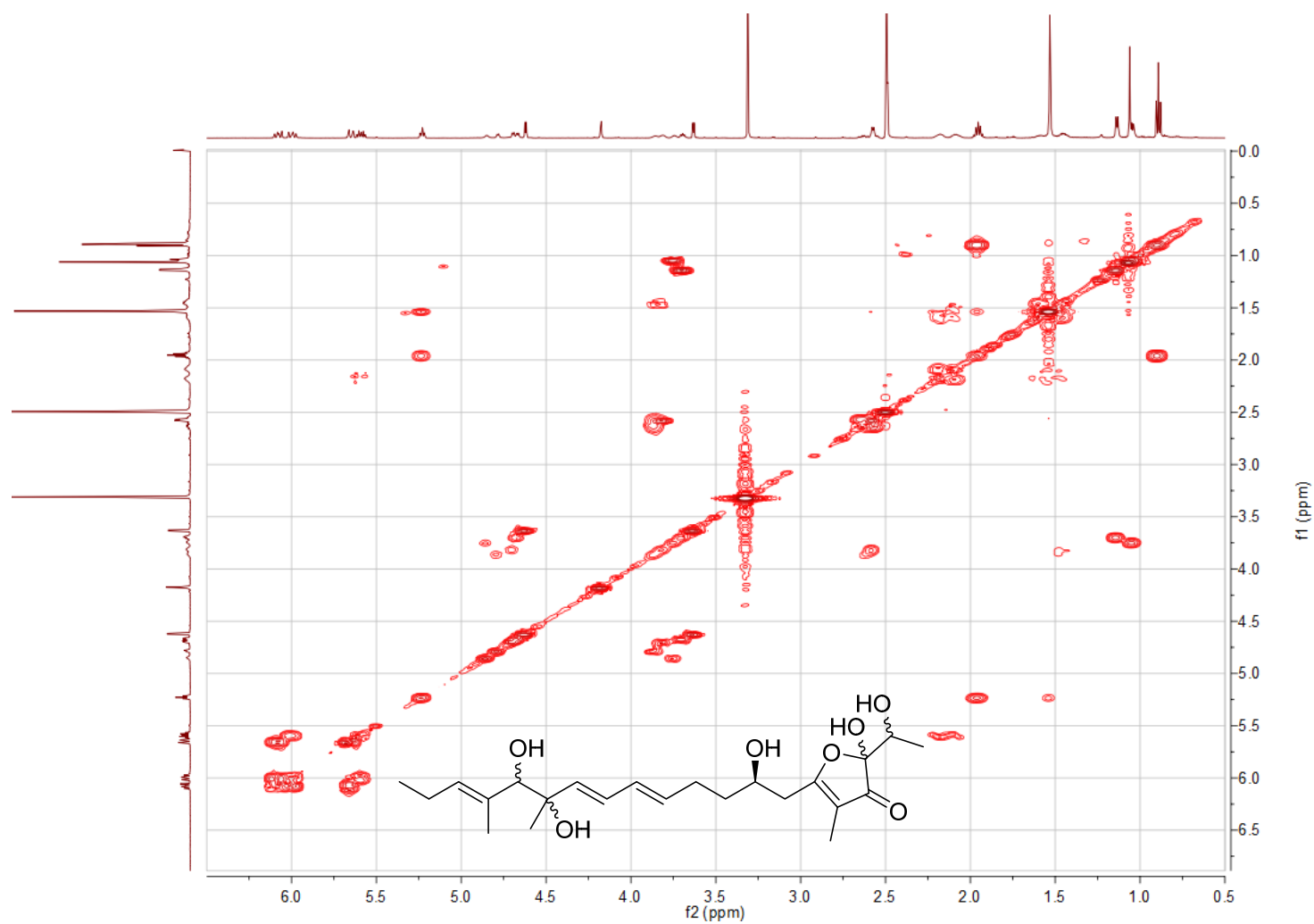


Figure S55. COSY spectrum (DMSO-*d*₆) of the new compound **6**

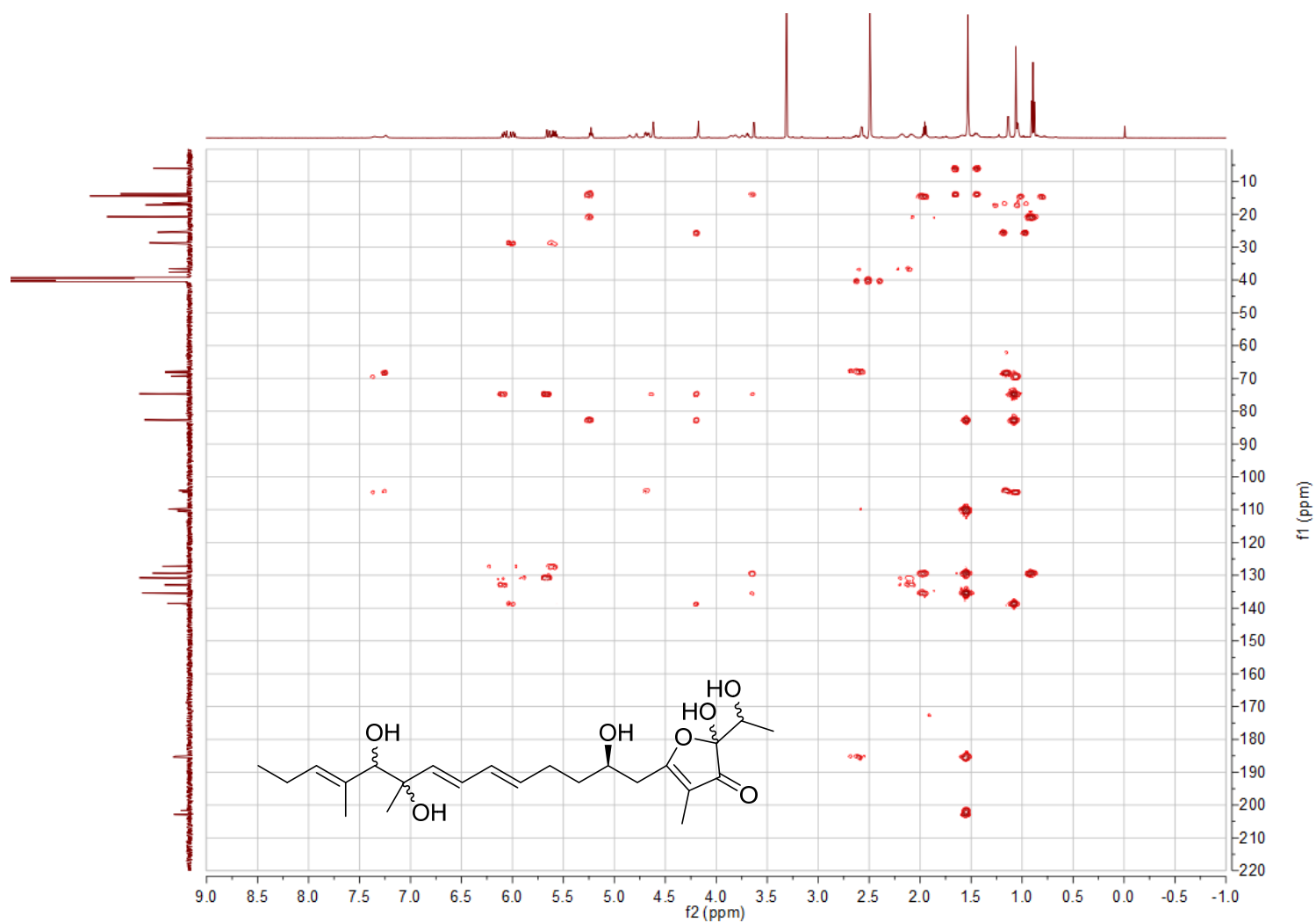


Figure S56. HMBC spectrum (DMSO- d_6) of the new compound **6**

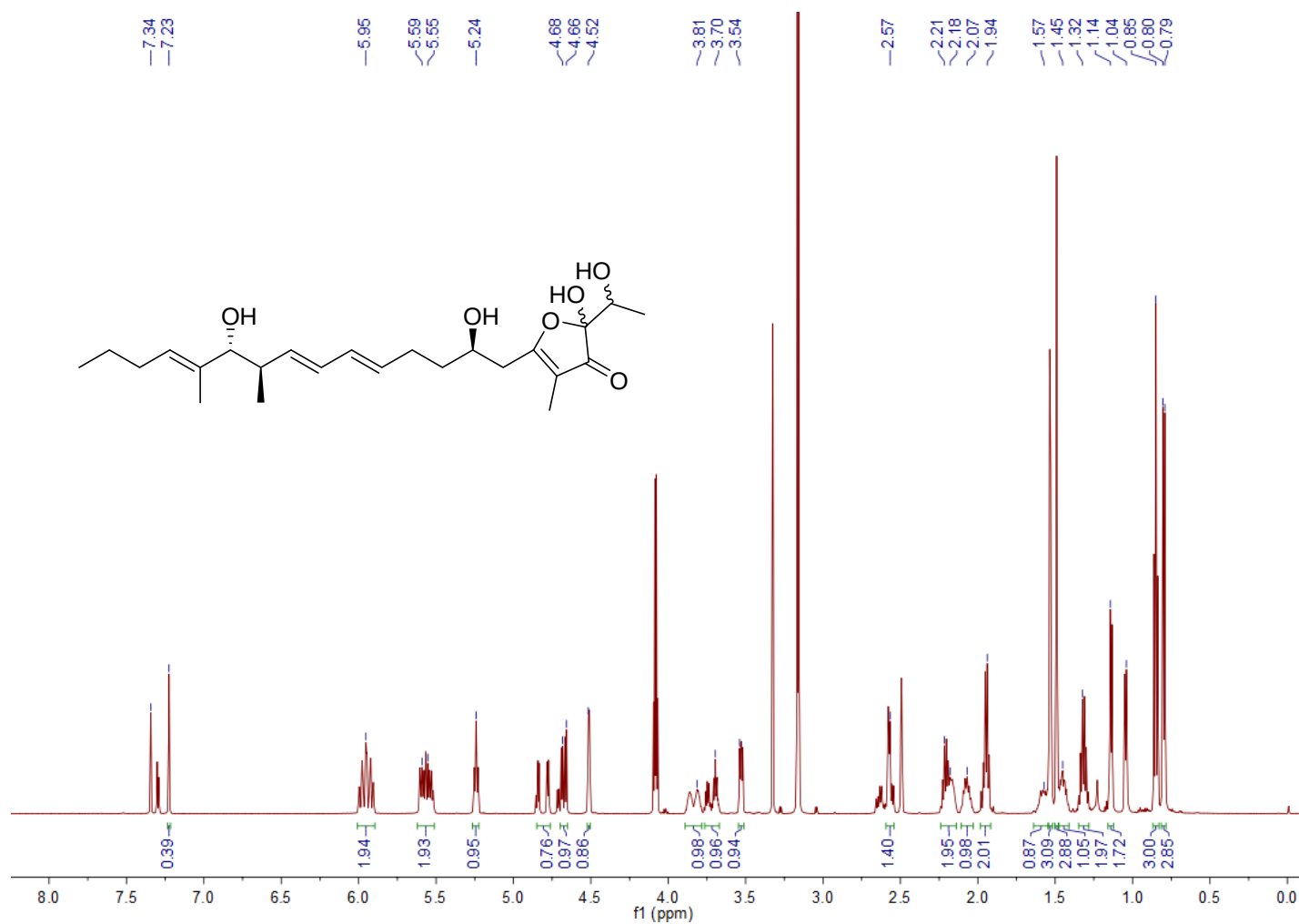


Figure S57. ¹H NMR (600 MHz, DMSO-*d*₆) spectrum of the compound 7

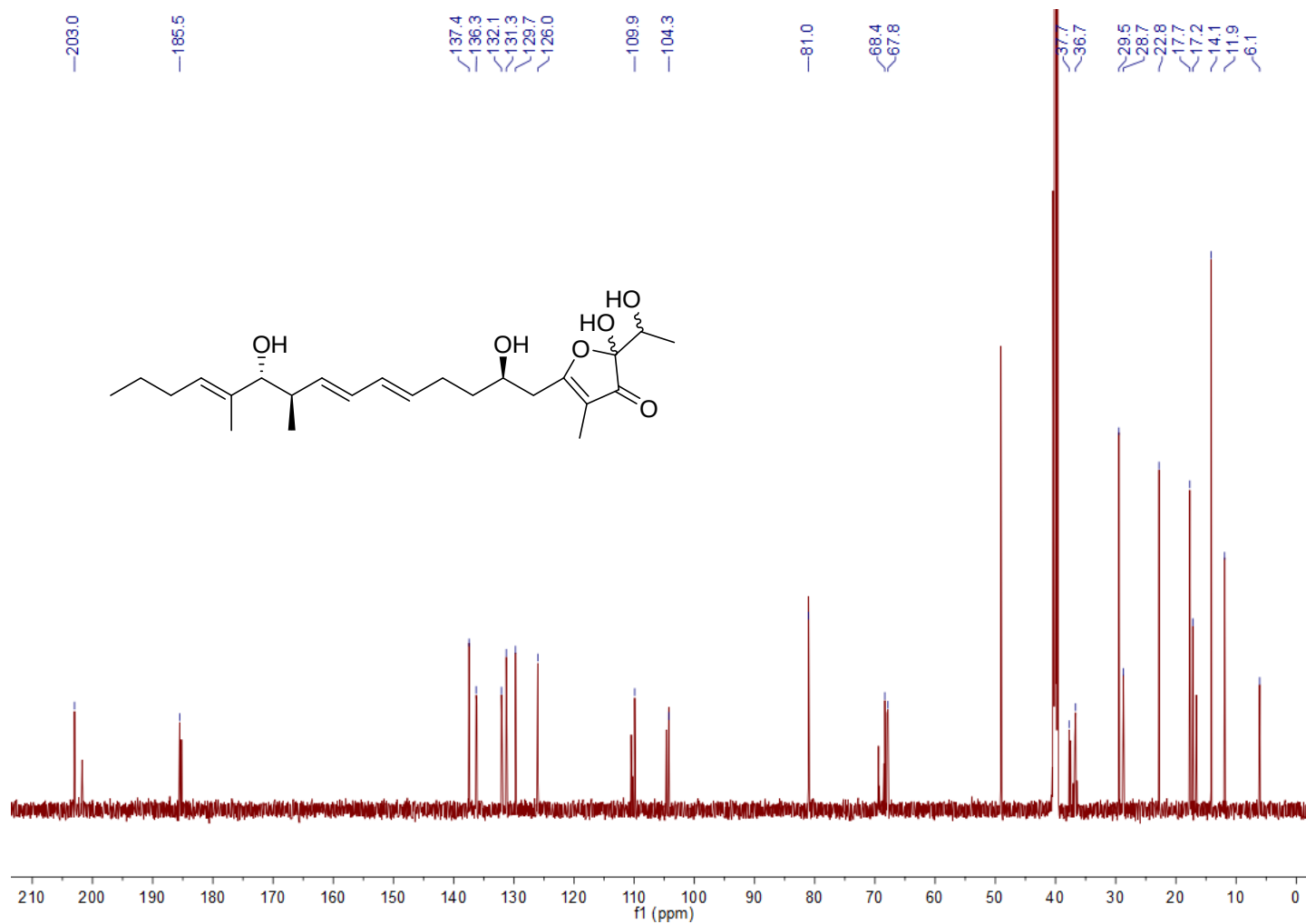


Figure S58. ¹³C NMR (150 MHz, DMSO-*d*₆) spectrum of the compound 7