

Supporting Information

Rec. Nat. Prod. 15:5 (2021) 356-362

Coumarins from *Angelica dahurica* and Their Antitumor Activities in Human MG-63 Osteosarcoma Cells

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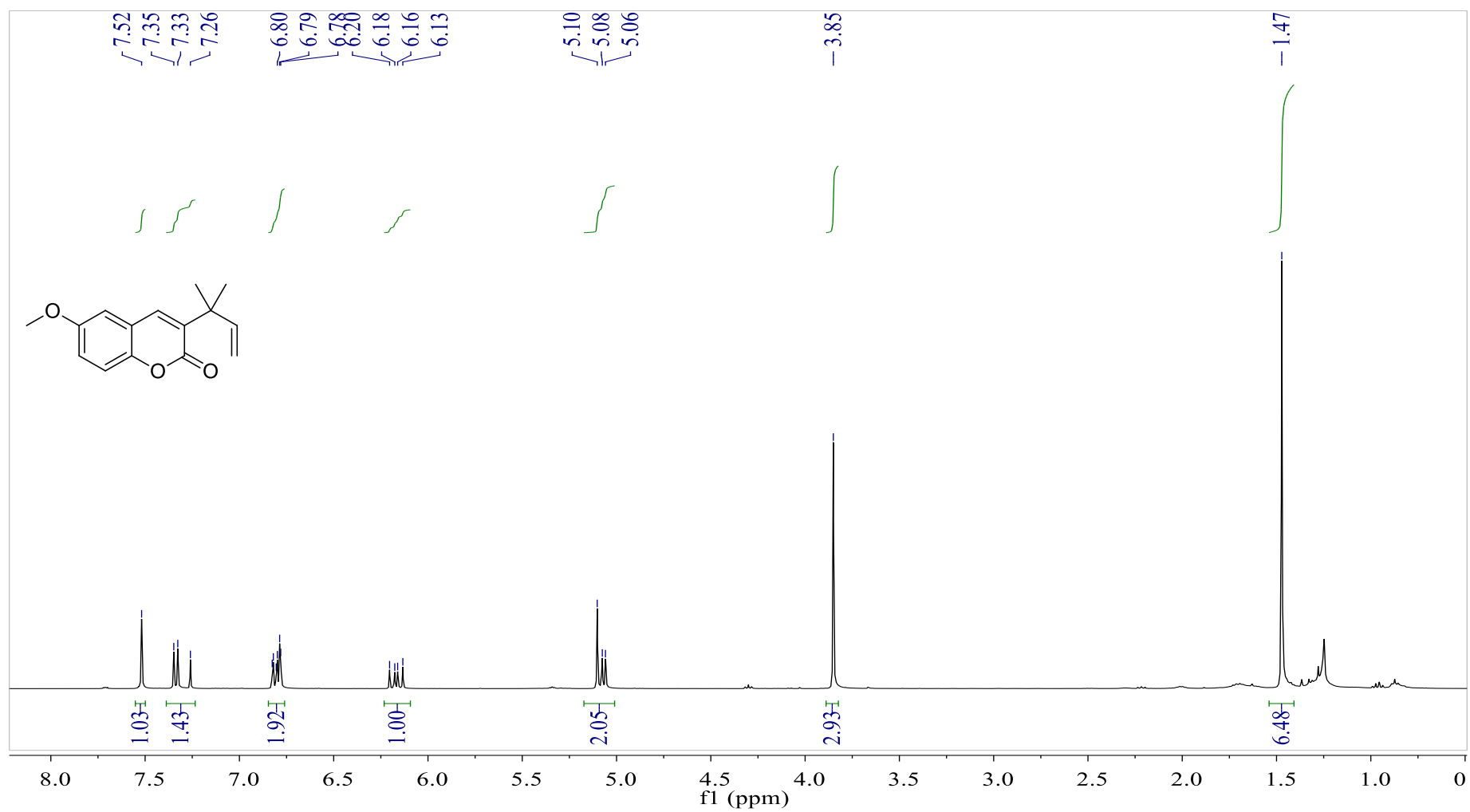


Figure S1: ¹H NMR (400 MHz, CDCl₃) spectrum of 1

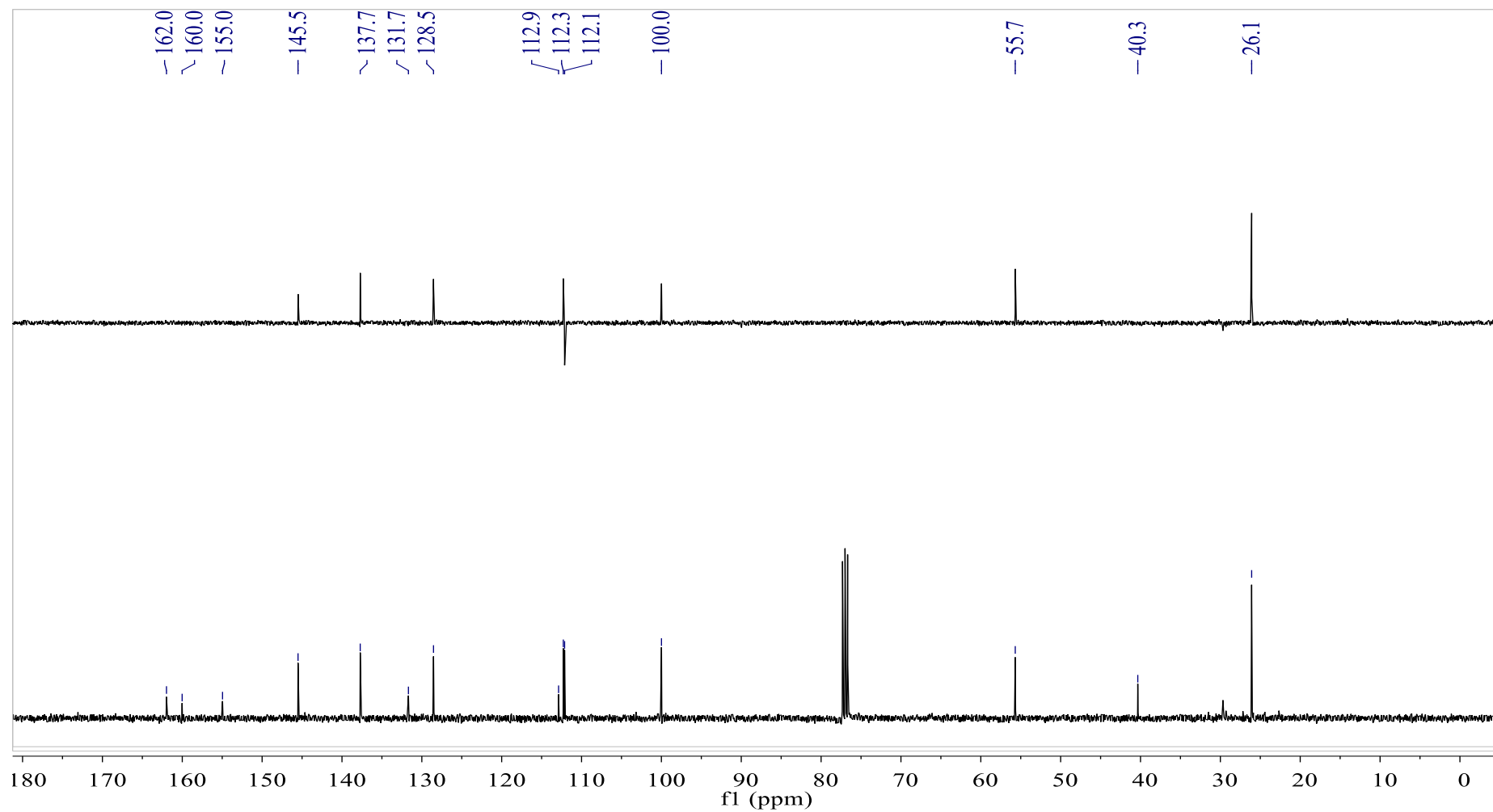


Figure S2: ^{13}C NMR (100 MHz, CDCl_3) spectrum of **1**

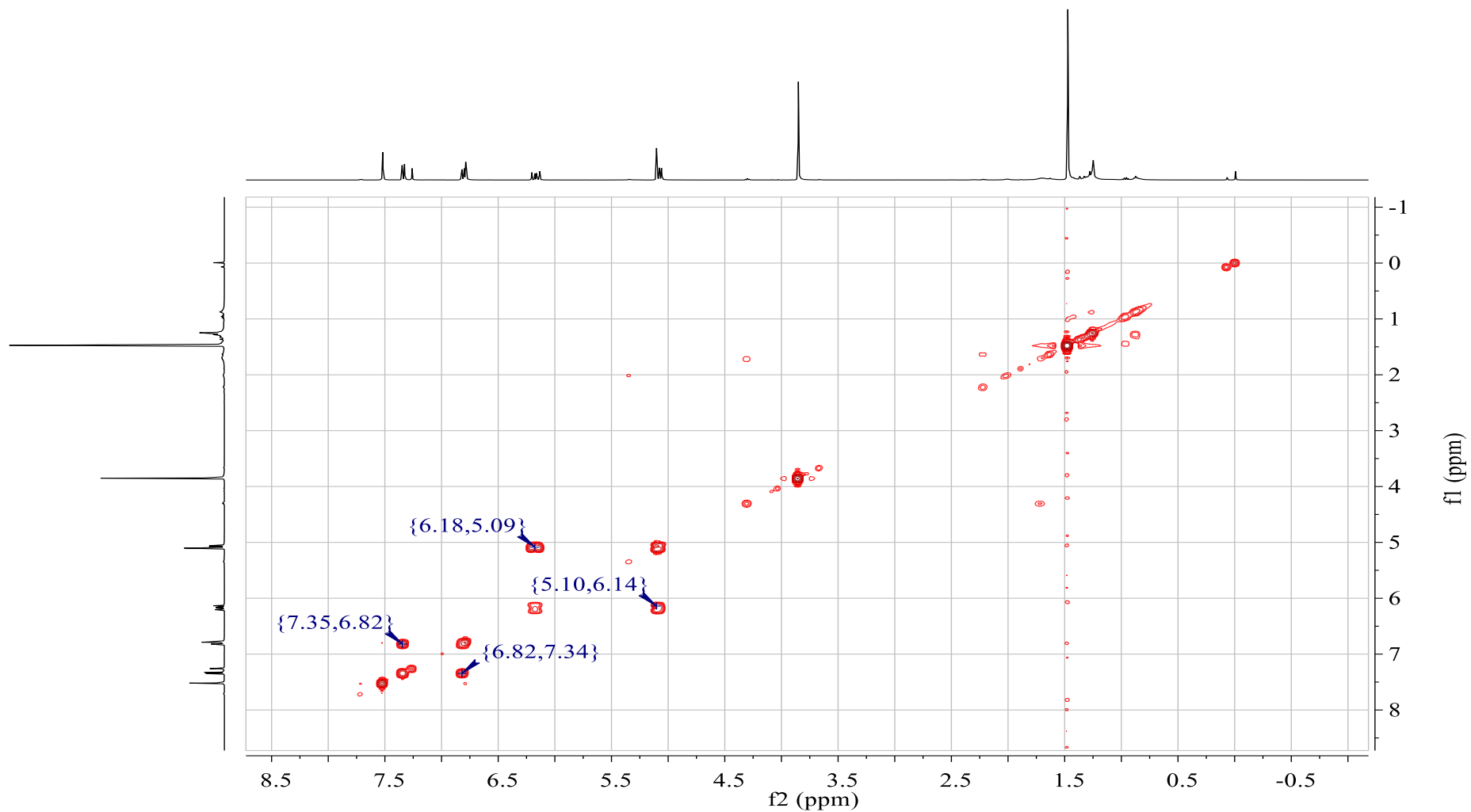


Figure S3: ^1H - ^1H COSY spectrum of **1** in CDCl_3

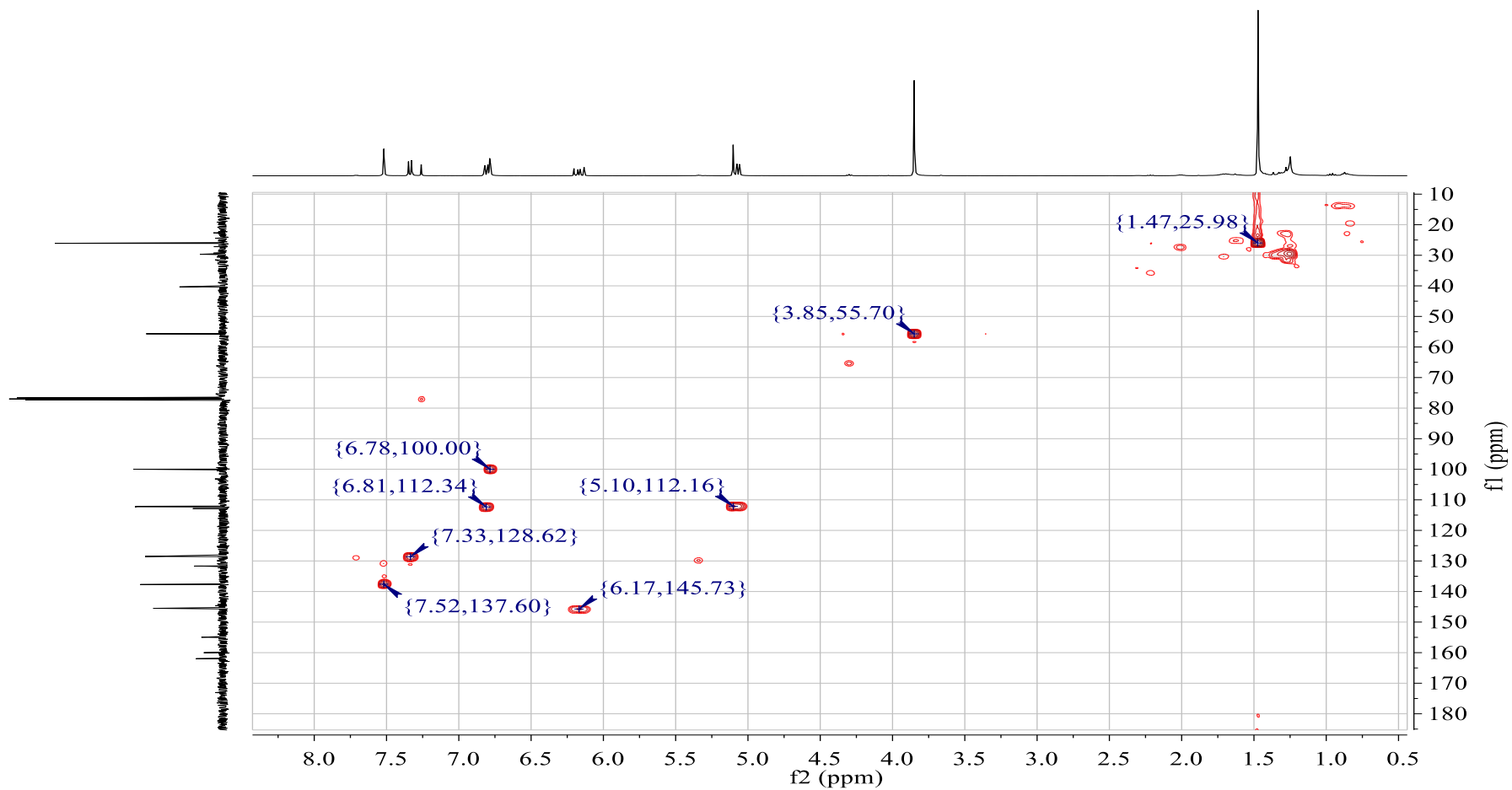


Figure S4: HSQC spectrum of 1 in CDCl₃

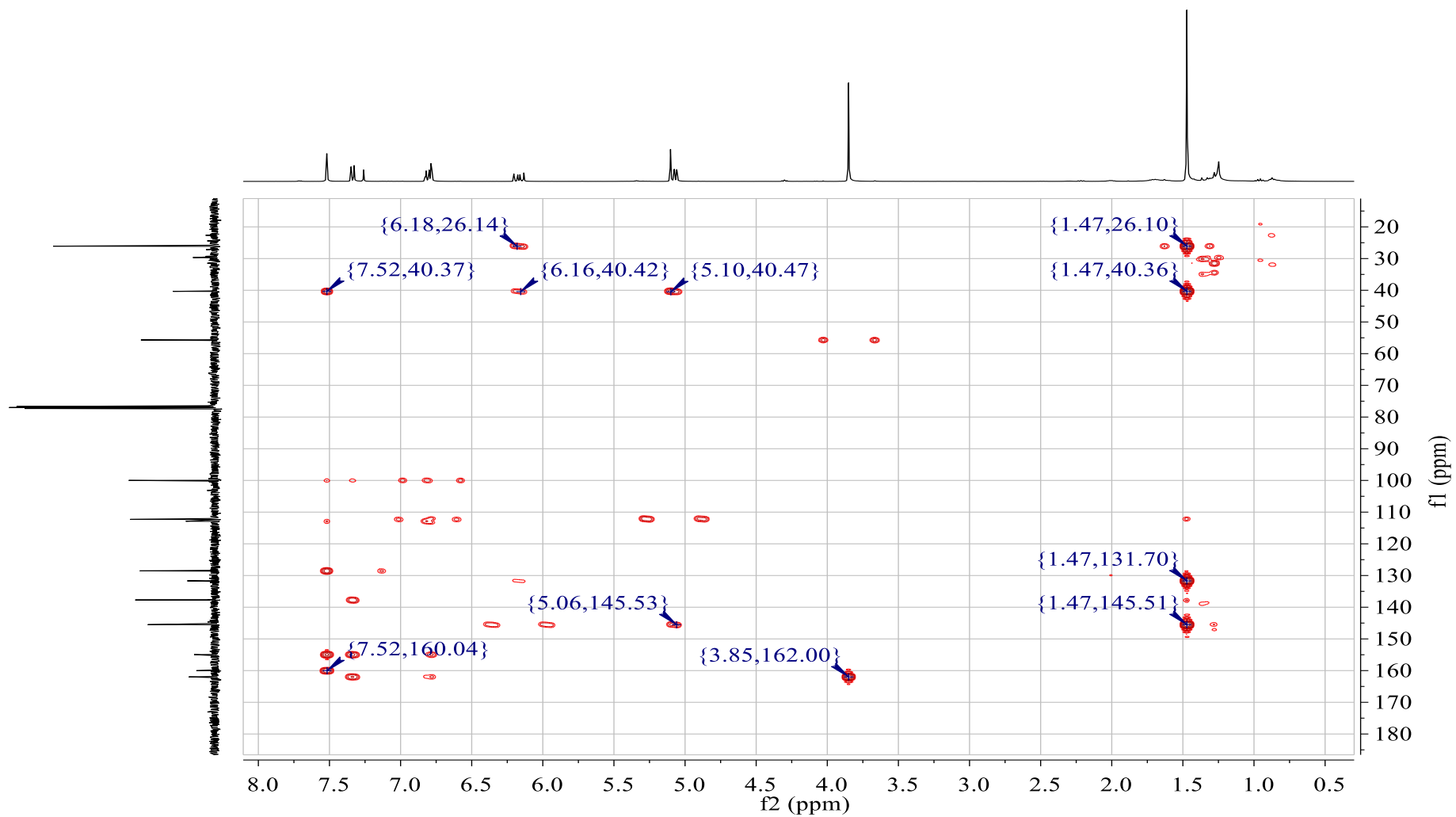


Figure S5: HMBC spectrum of **1** in CDCl_3

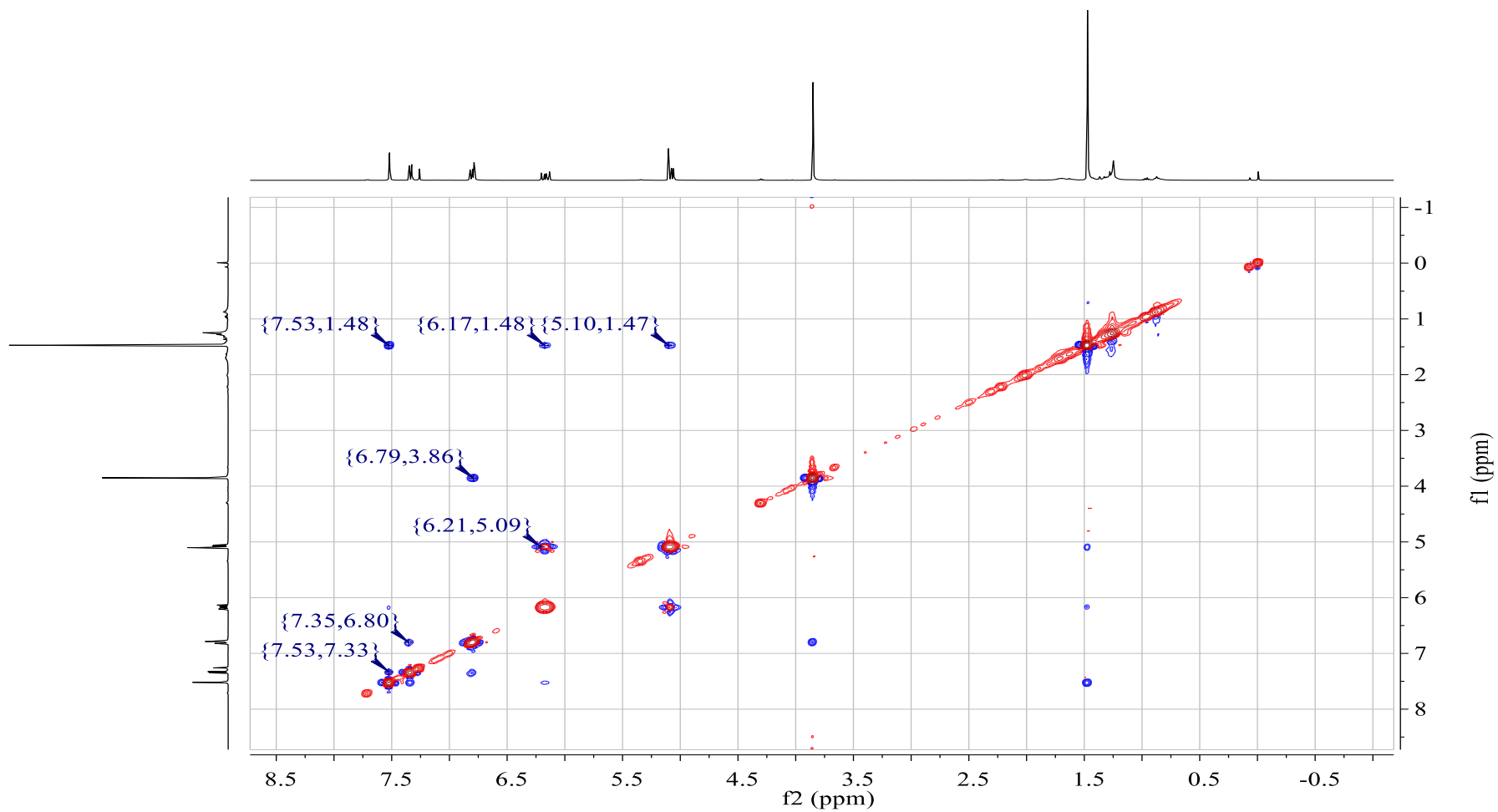


Figure S6: NOESY spectrum of **1** in CDCl₃

Figure S7: HRESIMS spectrum of 1

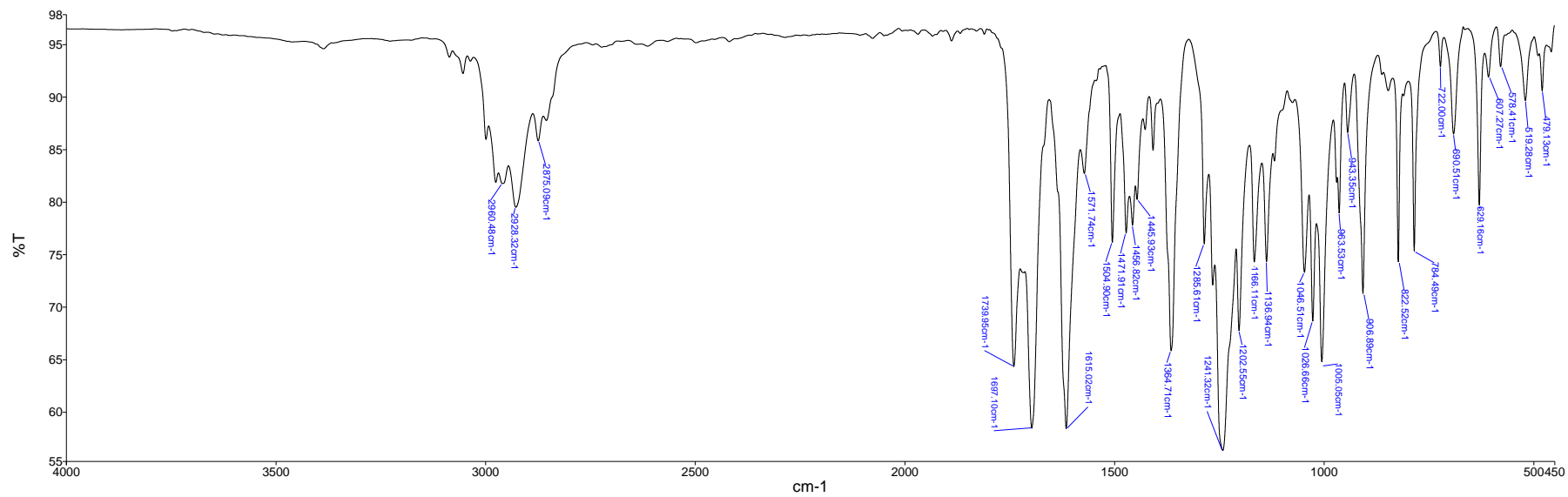


Figure S8: IR (KBr disc) spectrum of 1

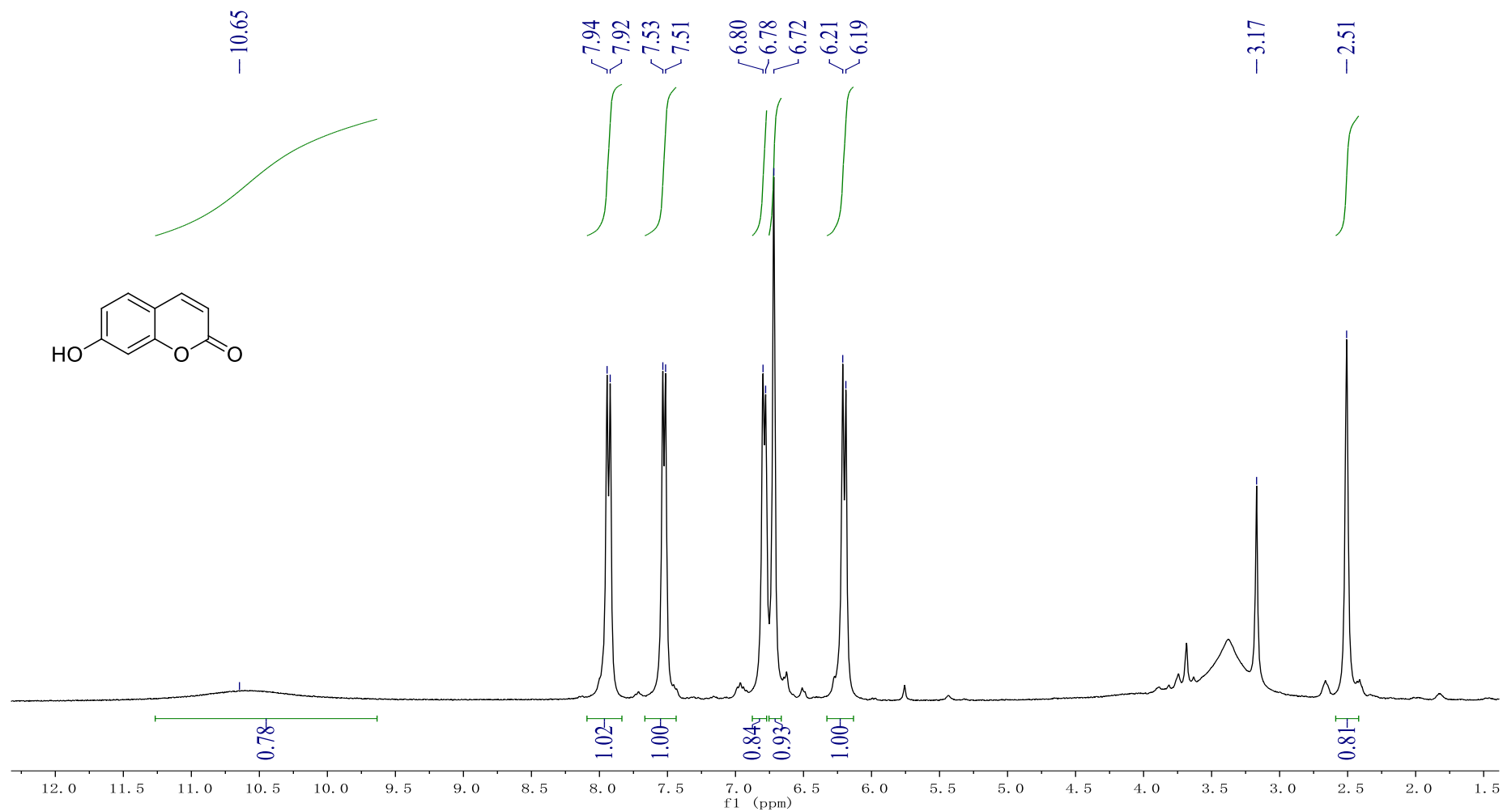


Figure S9: ¹H NMR (400 MHz, DMSO) spectrum of **2**

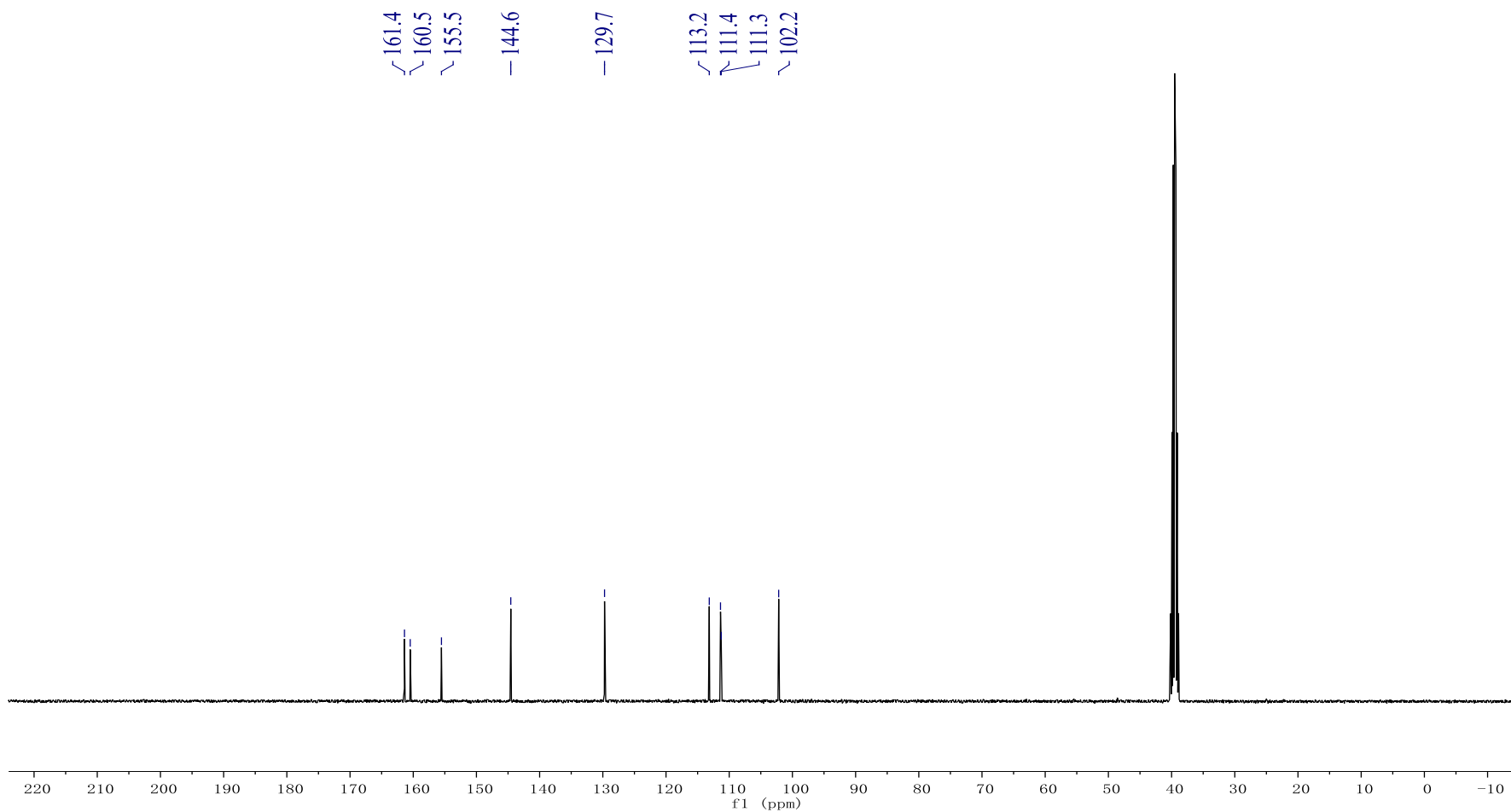


Figure S10: ^{13}C NMR (100 MHz, DMSO) spectrum of **2**

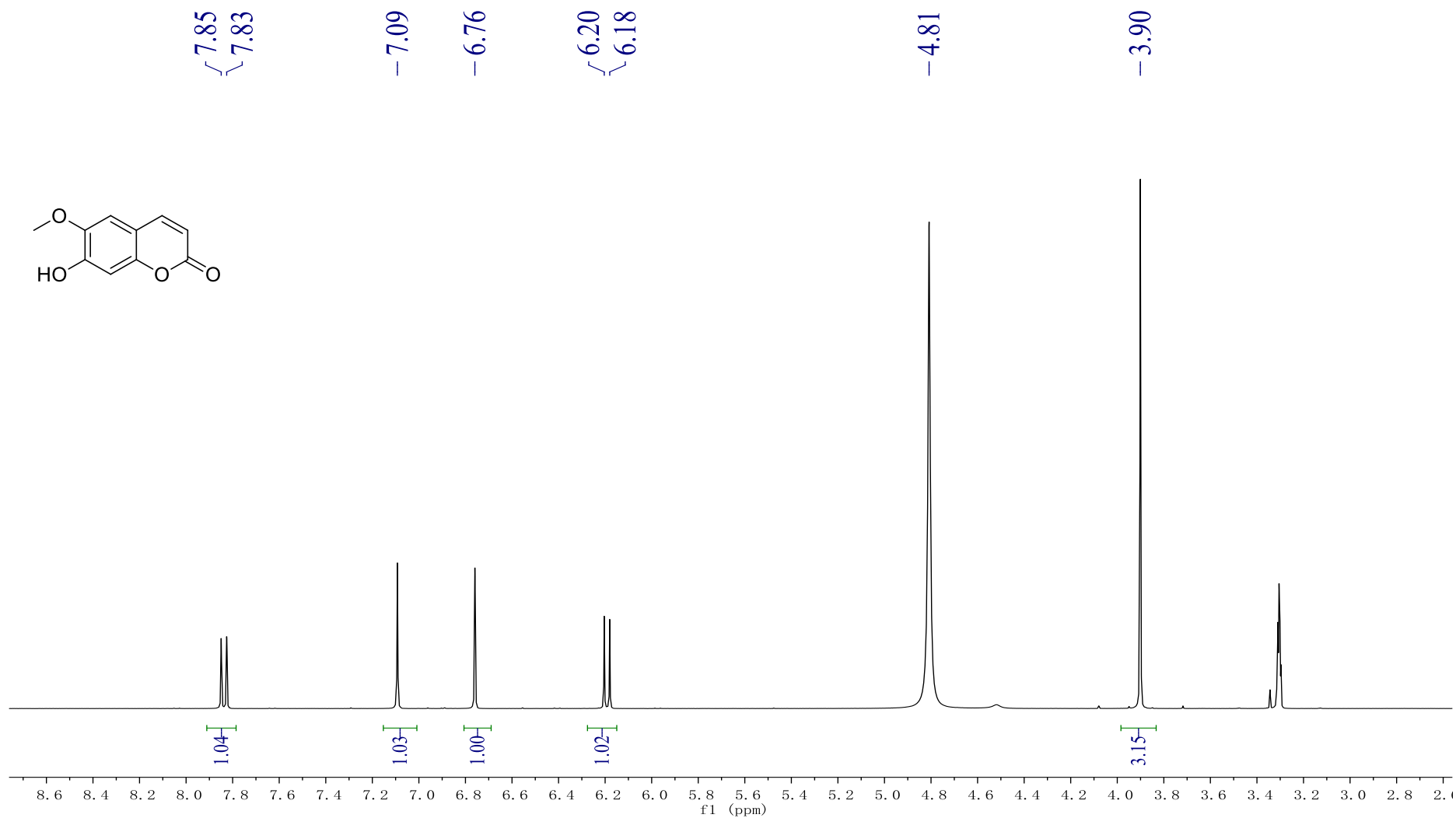


Figure S11: ¹H NMR (400 MHz, CD₃OD) spectrum of 3

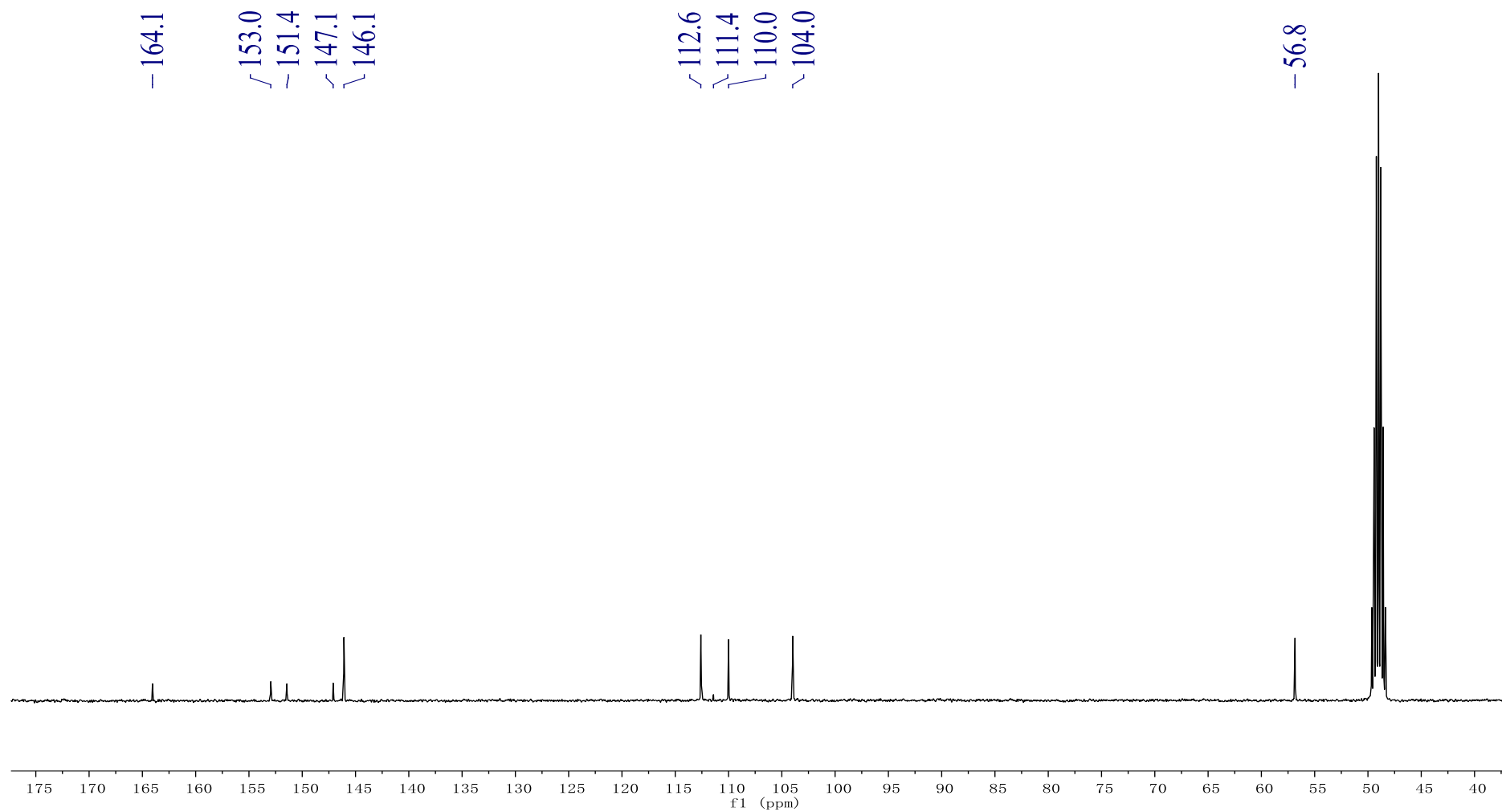


Figure S12: ^{13}C NMR (100 MHz, CD_3OD) spectrum of **3**

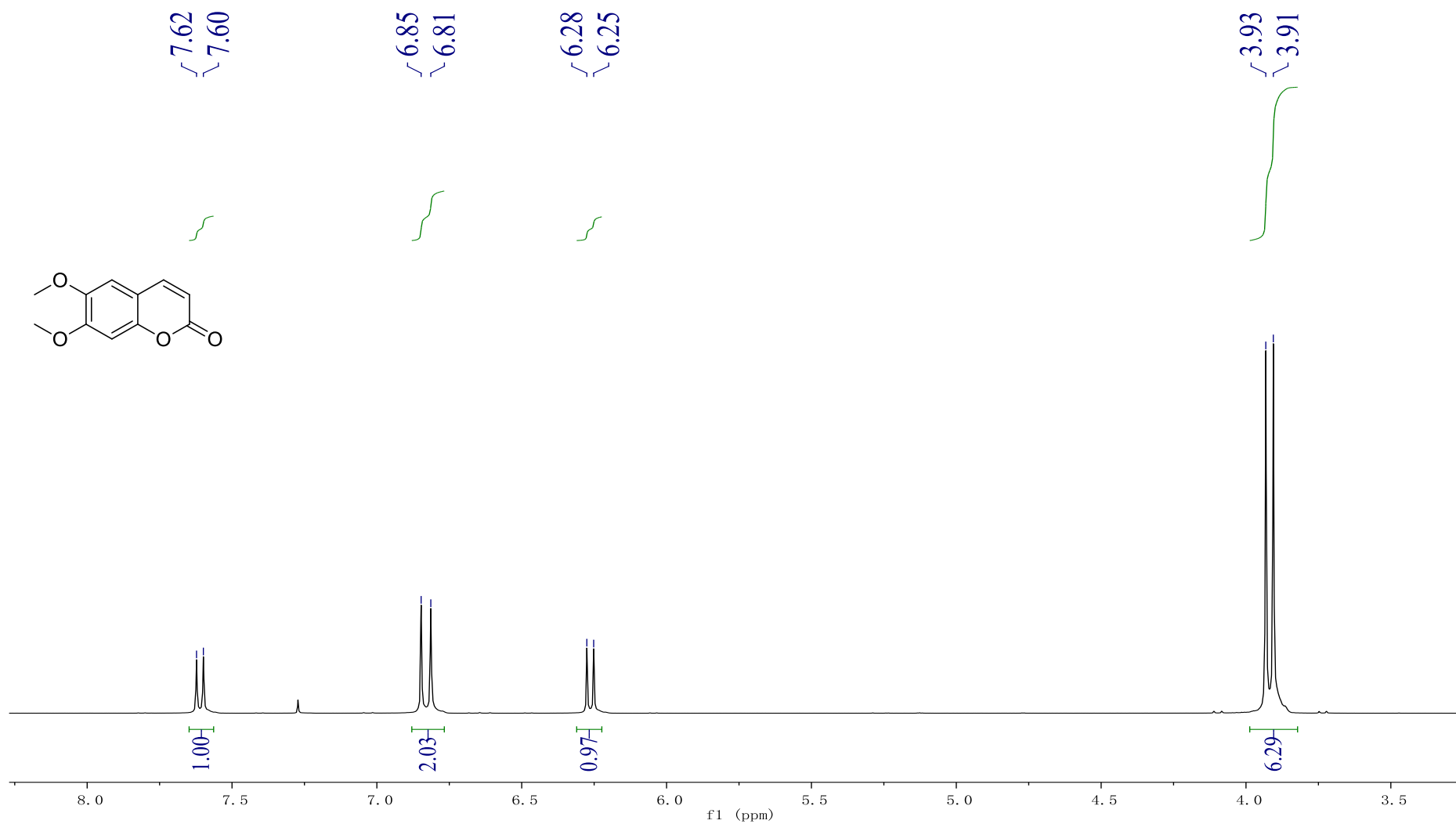


Figure S13: ^1H NMR (400 MHz, CDCl_3) spectrum of **4**

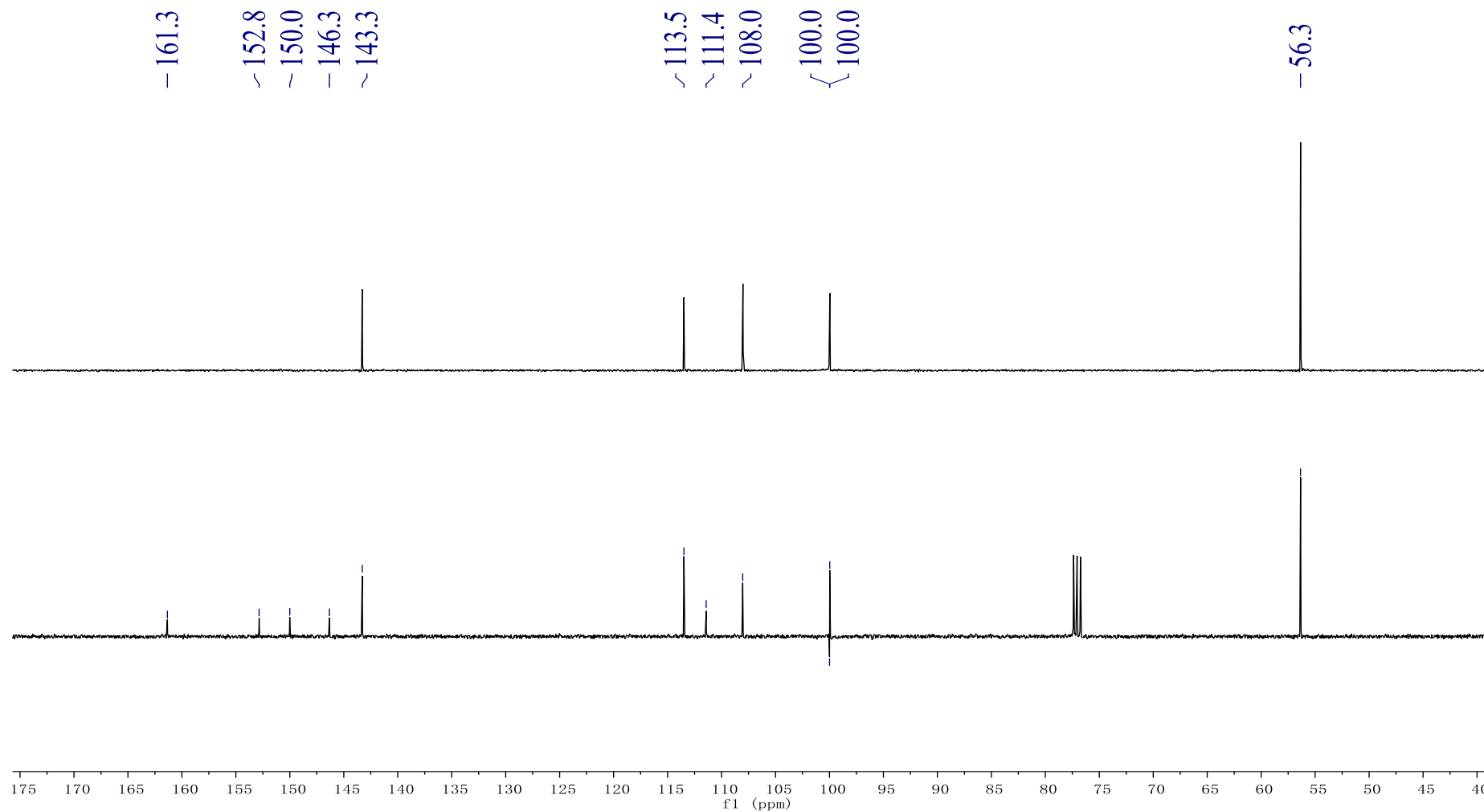


Figure S14: ^{13}C NMR (100 MHz, CDCl_3) spectrum of **4**

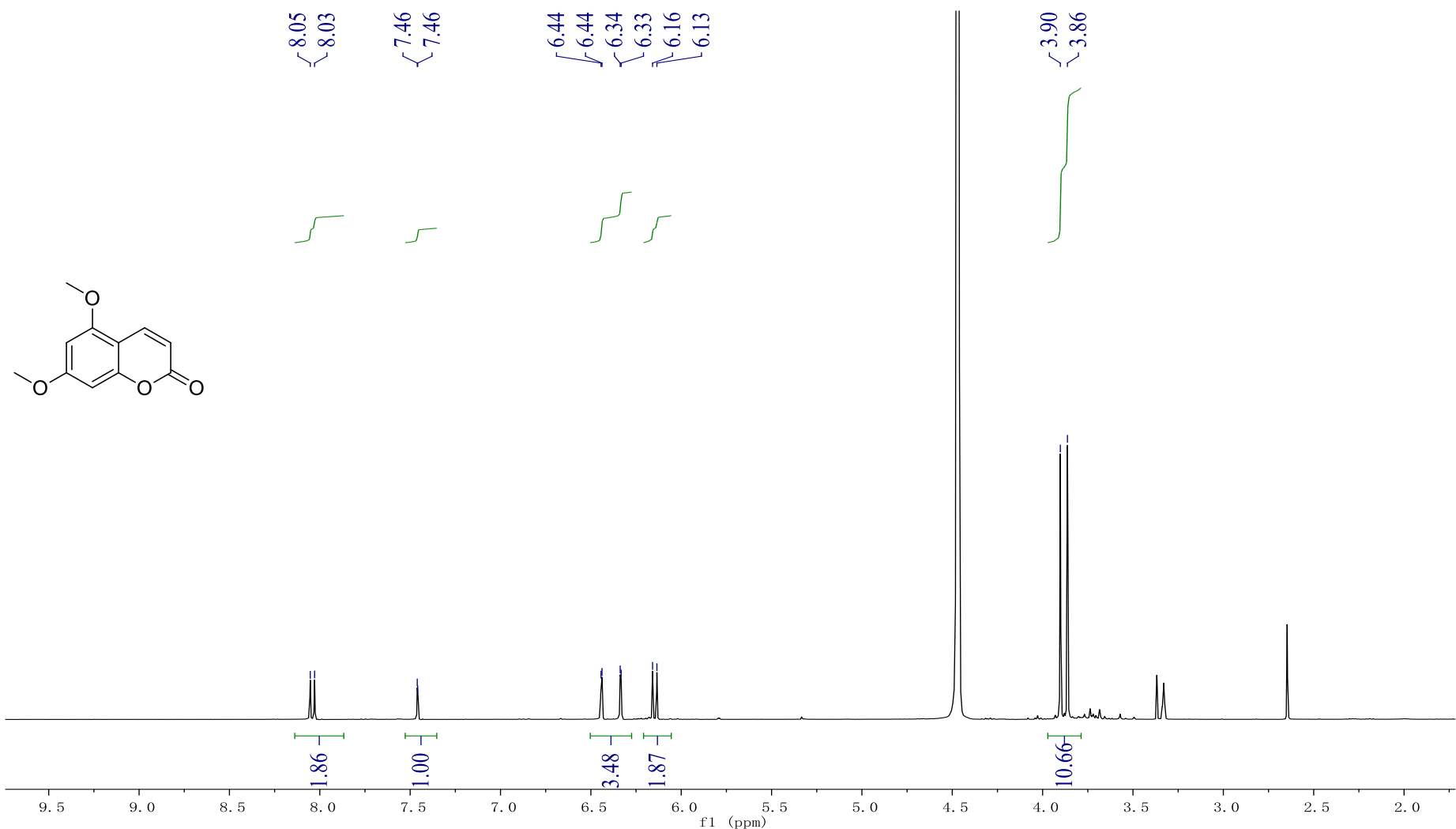


Figure S15: ^1H NMR (400 MHz, $\text{CD}_3\text{OD}:\text{CDCl}_3 = 1:9$) spectrum of **5**

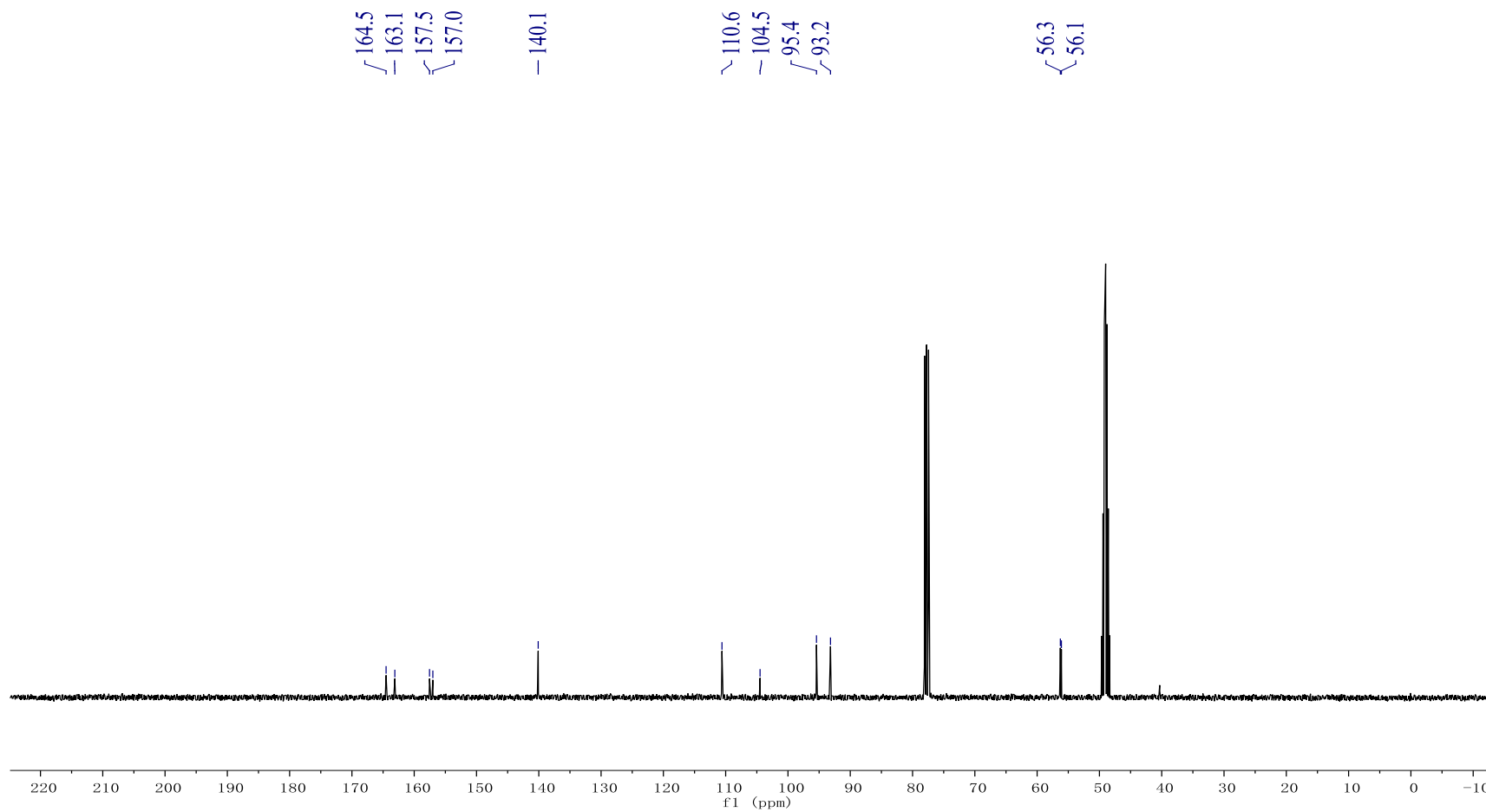


Figure S16: ^{13}C NMR (100 MHz, $\text{CD}_3\text{OD}:\text{CDCl}_3 = 1:9$) spectrum of **5**

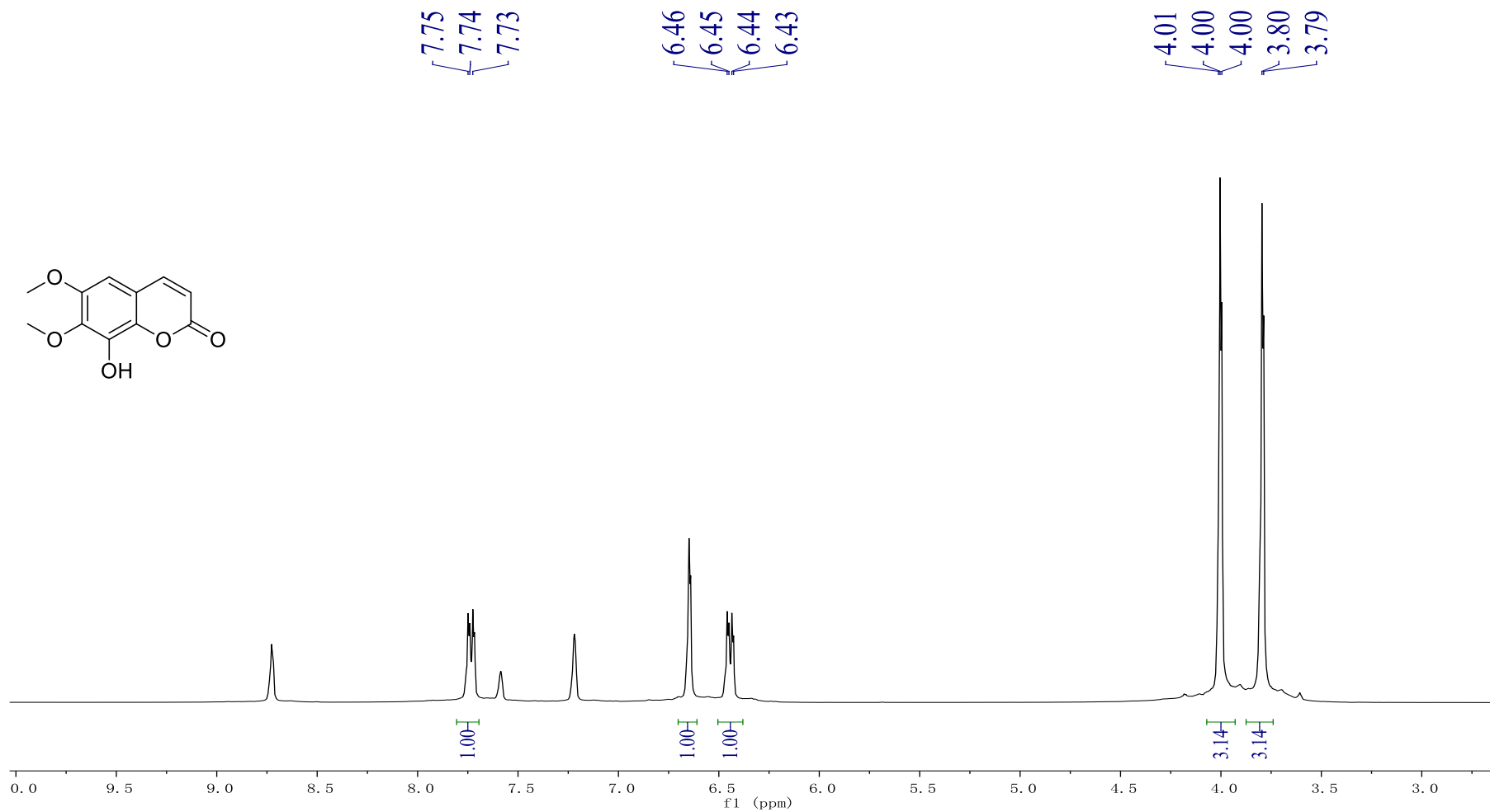


Figure S17: ^1H NMR (400 MHz, CDCl_3) spectrum of **6**

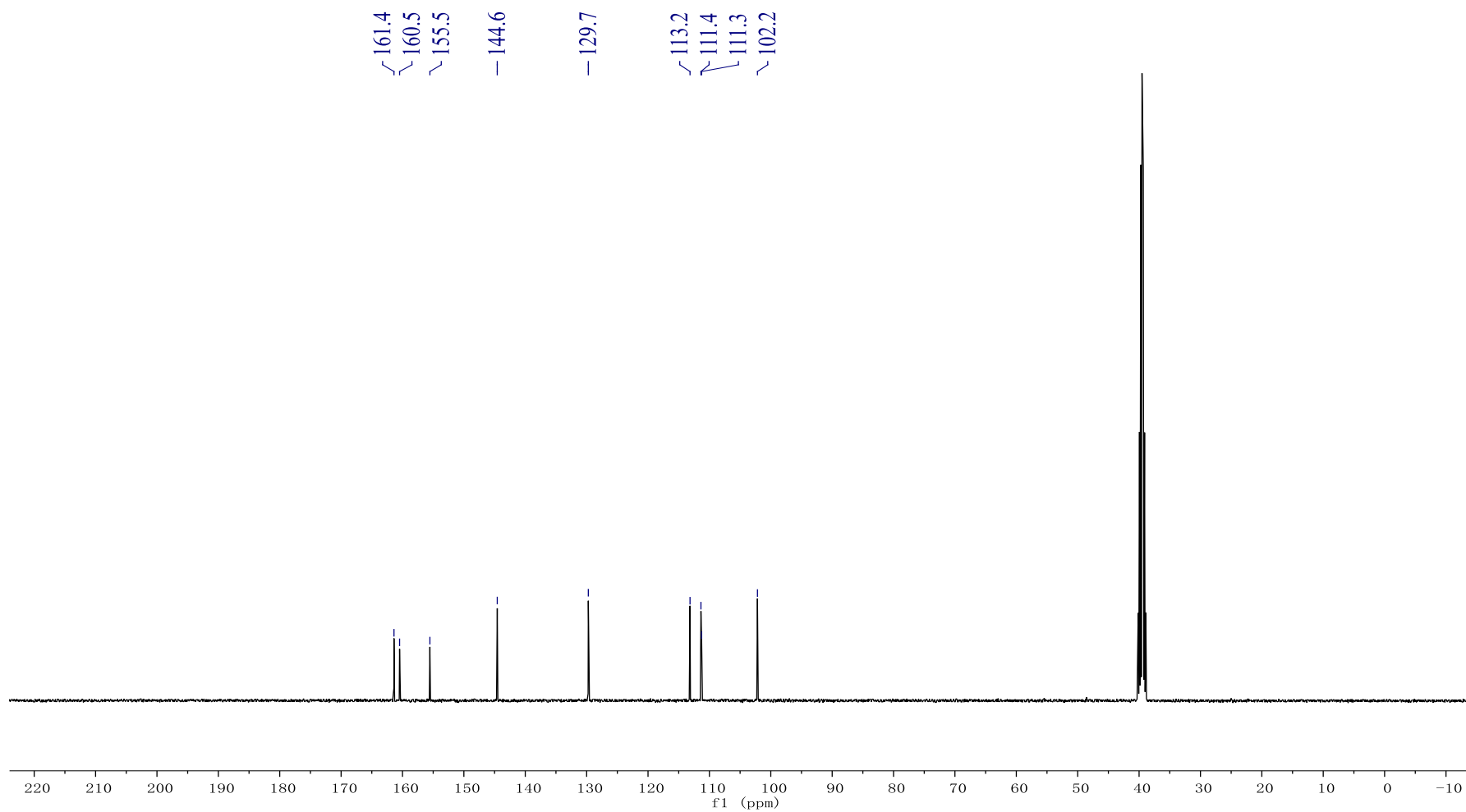


Figure S18: ^{13}C NMR (100 MHz, CDCl_3) spectrum of **6**

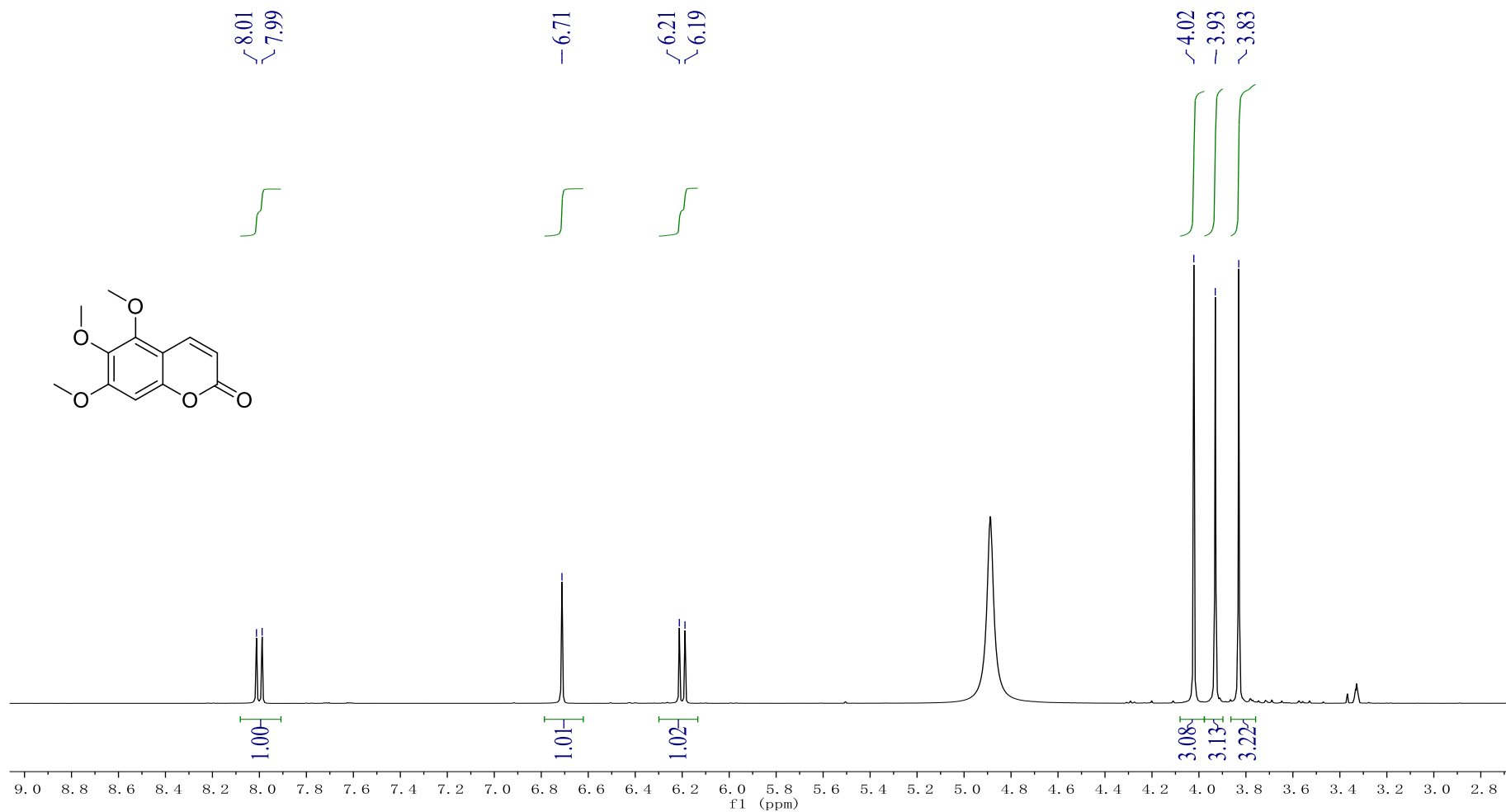


Figure S19: ^1H NMR (400 MHz, CD_3OD) spectrum of 7

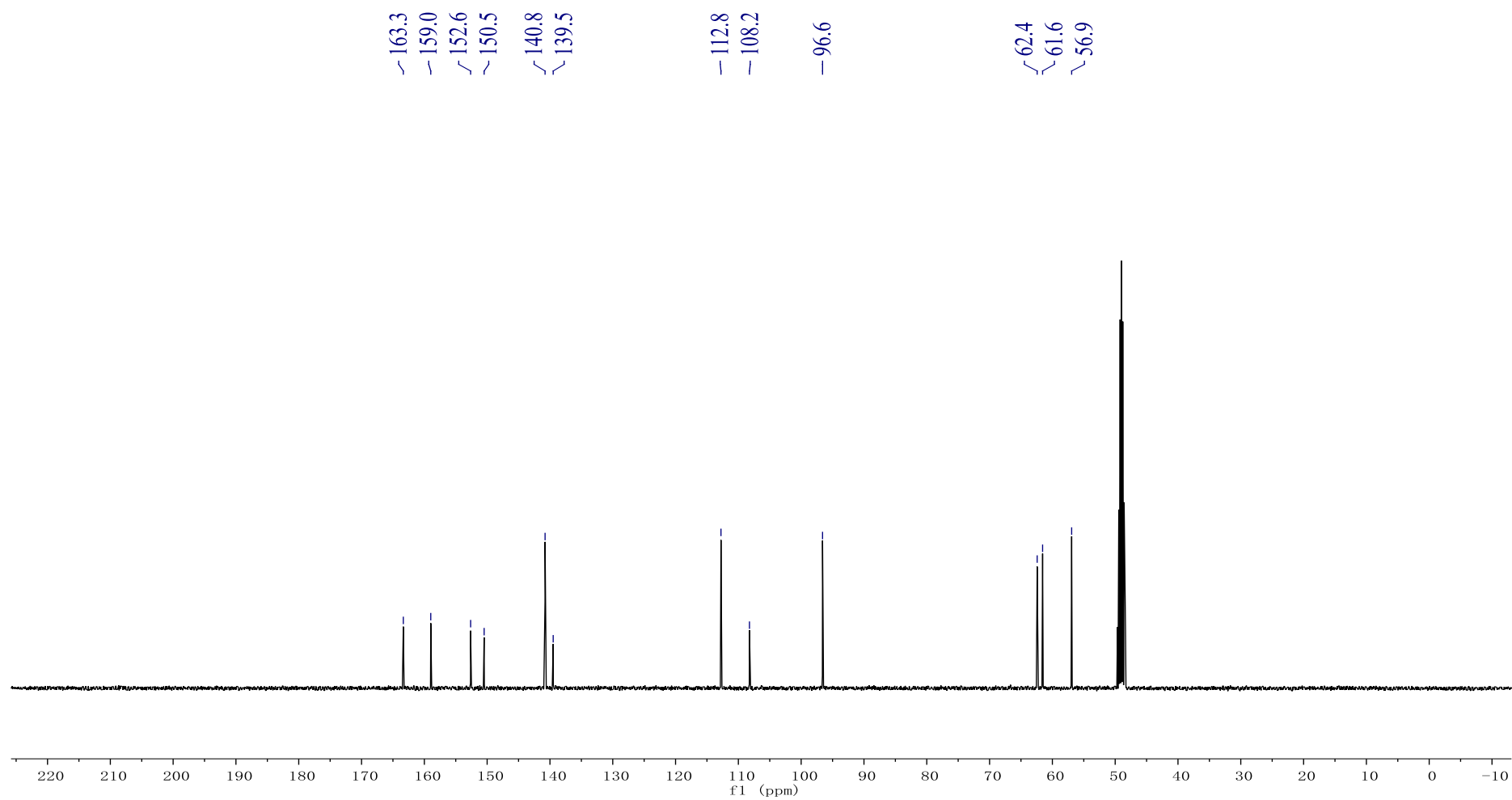


Figure S20: ^{13}C NMR (100 MHz, CD_3OD) spectrum of 7

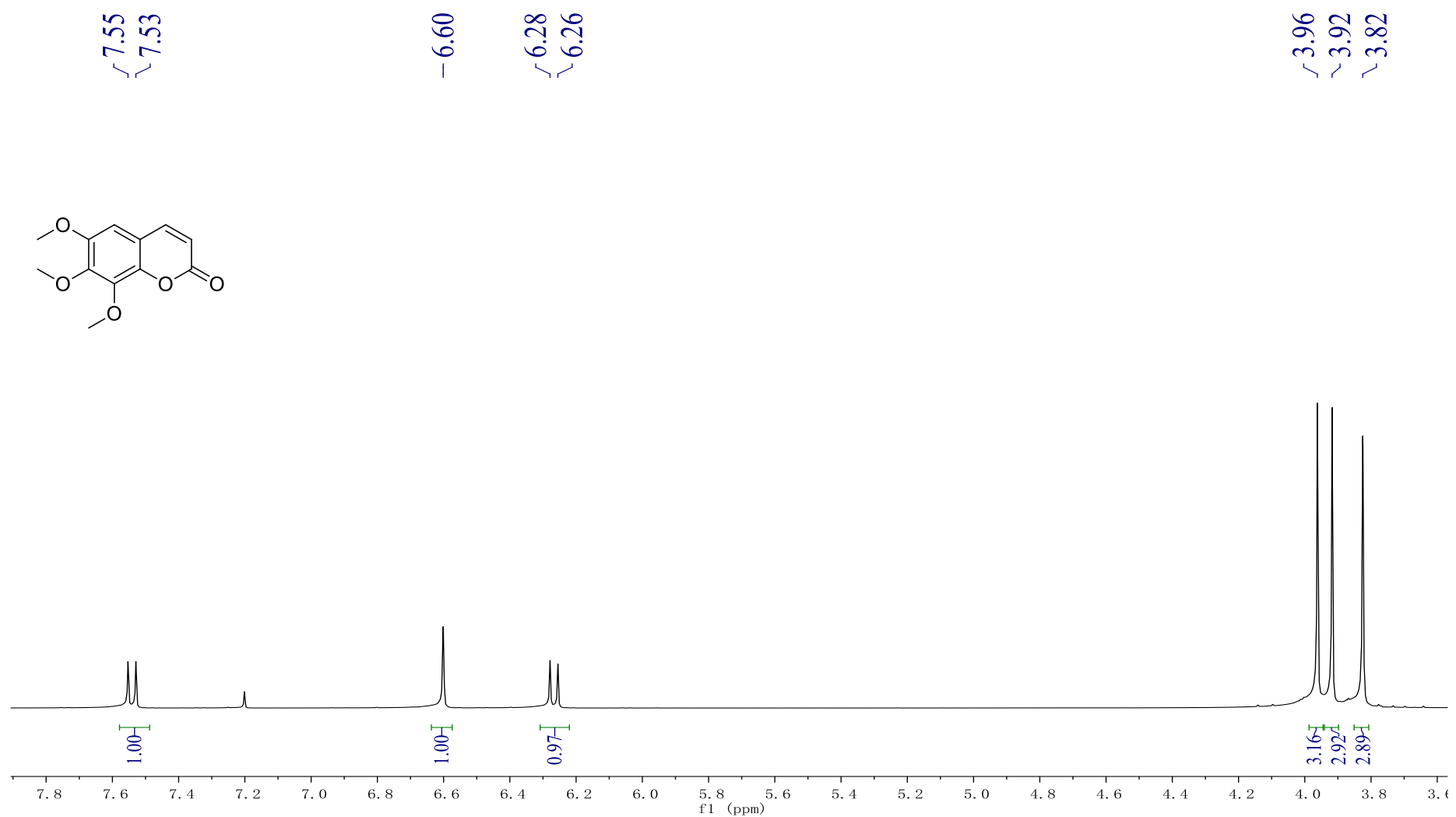


Figure S21: ¹H NMR (400 MHz, CDCl₃) spectrum of **8**

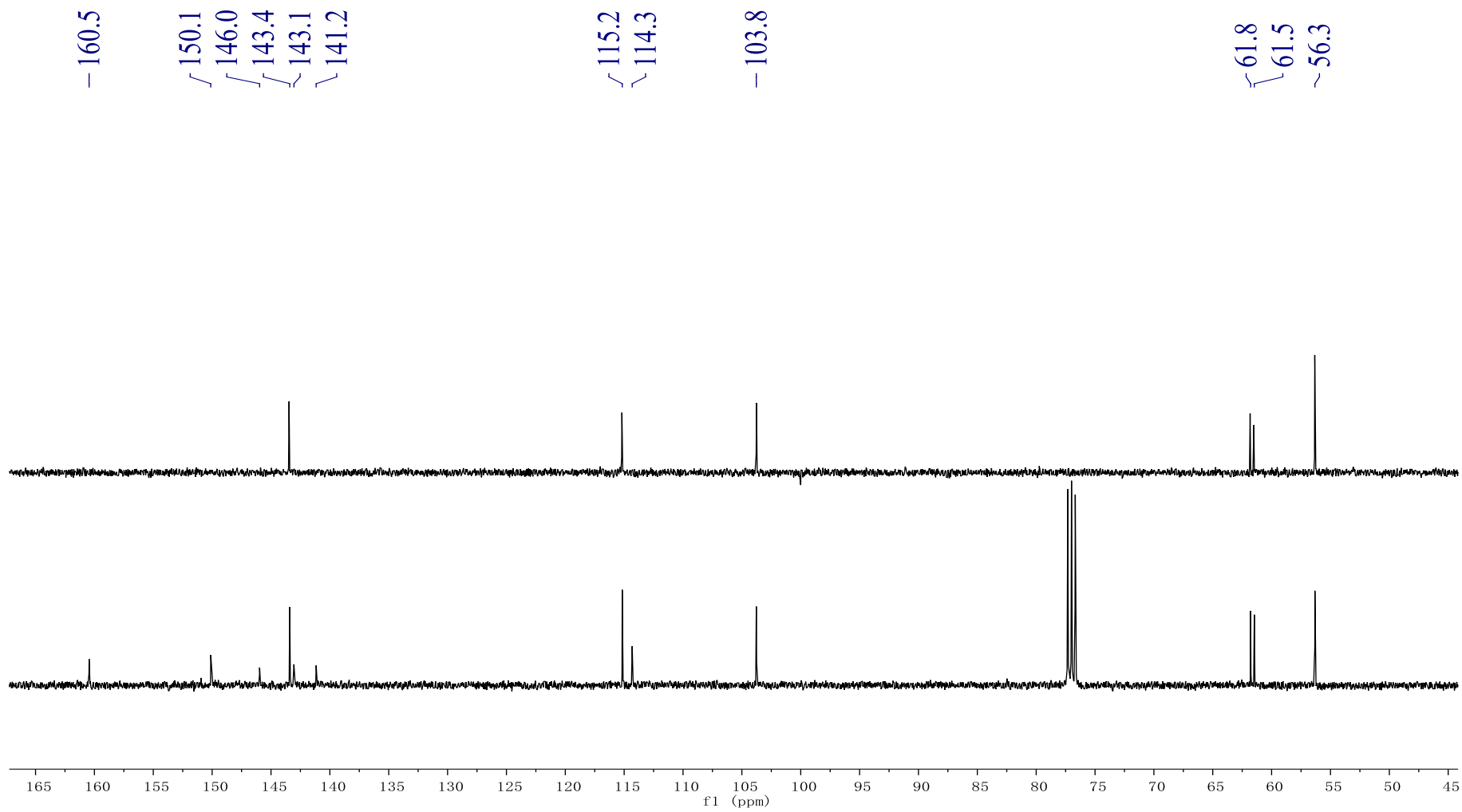


Figure S22: ^{13}C NMR (100 MHz, CDCl_3) spectrum of **8**

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<input type="checkbox"/> 95-98	
<input type="checkbox"/> 90-94	
<input type="checkbox"/> 85-89	
<input type="checkbox"/> 80-84	
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<input type="checkbox"/> 70-74	
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Figure S23: The Scifinder similarity report of compound 1