

Supplementary Information

- Figure S1** ^1H NMR spectrum of **1** at 400 MHz in CD₃OD
Figure S2 ^{13}C NMR spectrum of **1** at 100 MHz in CD₃OD
Figure S3 HSQC spectrum of **1** in CD₃OD
Figure S4 ^1H - ^1H COSY spectrum of **1** in CD₃OD
Figure S5 HMBC spectrum of **1** in CD₃OD
Figure S6 HRESIMS spectrum of **1**
Figure S7 IR spectrum of **1**
Figure S8 UV spectrum of **1**
Figure S9 ^1H NMR spectrum of **2** at 400 MHz in CD₃OD
Figure S10 ^{13}C NMR spectrum of **2** at 100 MHz in CD₃OD
Figure S11 HSQC spectrum of **2** in CD₃OD
Figure S12 ^1H - ^1H COSY spectrum of **2** in CD₃OD
Figure S13 HMBC spectrum of **2** in CD₃OD
Figure S14 HRESIMS spectrum of **2**
Figure S15 IR spectrum of **2**
Figure S16 UV spectrum of **2**
Figure S17 ^1H NMR spectrum of **3** at 400 MHz in C₅D₅N
Figure S18 ^{13}C NMR spectrum of **3** at 100 MHz in C₅D₅N
Figure S19 HSQC spectrum of **3** in C₅D₅N
Figure S20 ^1H - ^1H COSY spectrum of **3** in C₅D₅N
Figure S21 HMBC spectrum of **3** in C₅D₅N
Figure S22 HRESIMS spectrum of **3**
Figure S23 IR spectrum of **3**
Figure S24 UV spectrum of **3**
Figure S25 ^1H NMR spectrum of **4** at 400 MHz in DMSO-*d*6
Figure S26 ^{13}C NMR spectrum of **4** at 100 MHz in DMSO-*d*6
Figure S27 HSQC spectrum of **4** in DMSO-*d*6
Figure S28 ^1H - ^1H COSY spectrum of **4** in DMSO-*d*6
Figure S29 HMBC spectrum of **4** in DMSO-*d*6
Figure S30 HRESIMS spectrum of **4**
Figure S31 IR spectrum of **4**
Figure S32 UV spectrum of **4**
Figure S33 ^1H NMR spectrum of **5** at 600 MHz in CD₃OD
Figure S34 ^{13}C NMR spectrum of **5** at 150 MHz in CD₃OD
Figure S35 HSQC spectrum of **5** in CD₃OD
Figure S36 ^1H - ^1H COSY spectrum of **5** in CD₃OD
Figure S37 HMBC spectrum of **5** in CD₃OD
Figure S38 HRESIMS spectrum of **5**
Figure S39 IR spectrum of **5**
Figure S40 ^1H NMR spectrum of **6** at 400 MHz in DMSO-*d*6
Figure S41 ^{13}C NMR spectrum of **6** at 100 MHz in DMSO-*d*6
Figure S42 HSQC spectrum of **6** in DMSO-*d*6
Figure S43 ^1H - ^1H COSY spectrum of **6** in DMSO-*d*6
Figure S44 HMBC spectrum of **6** in DMSO-*d*6

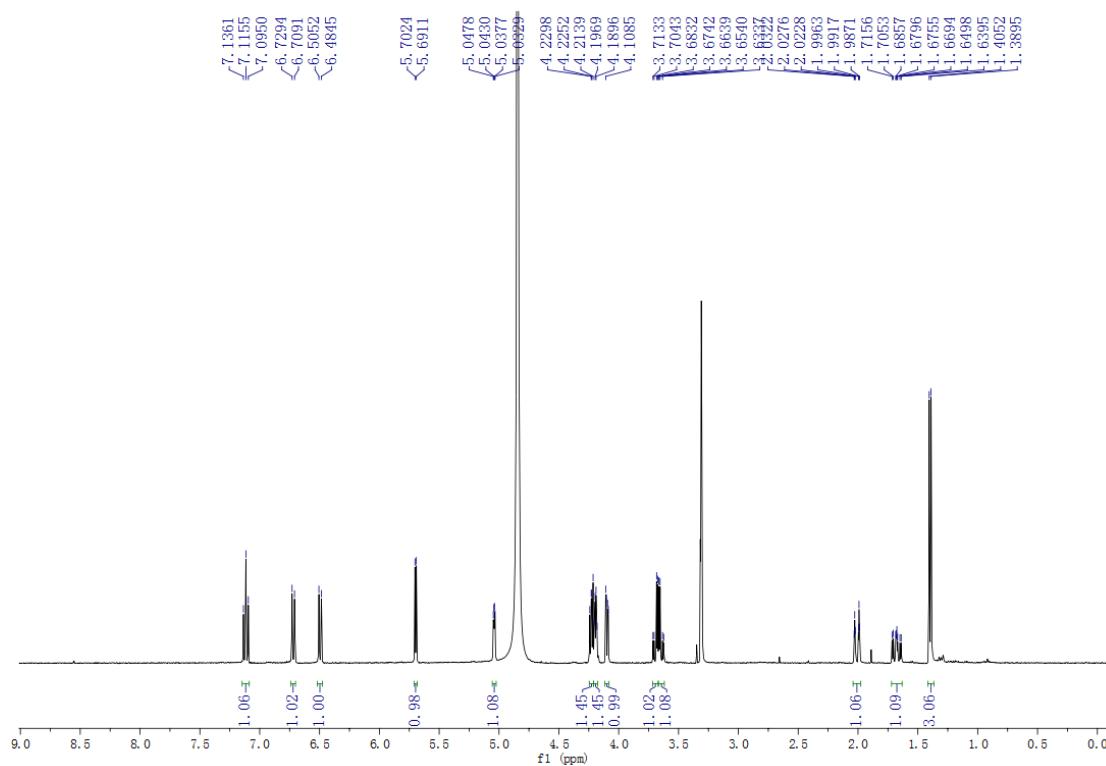
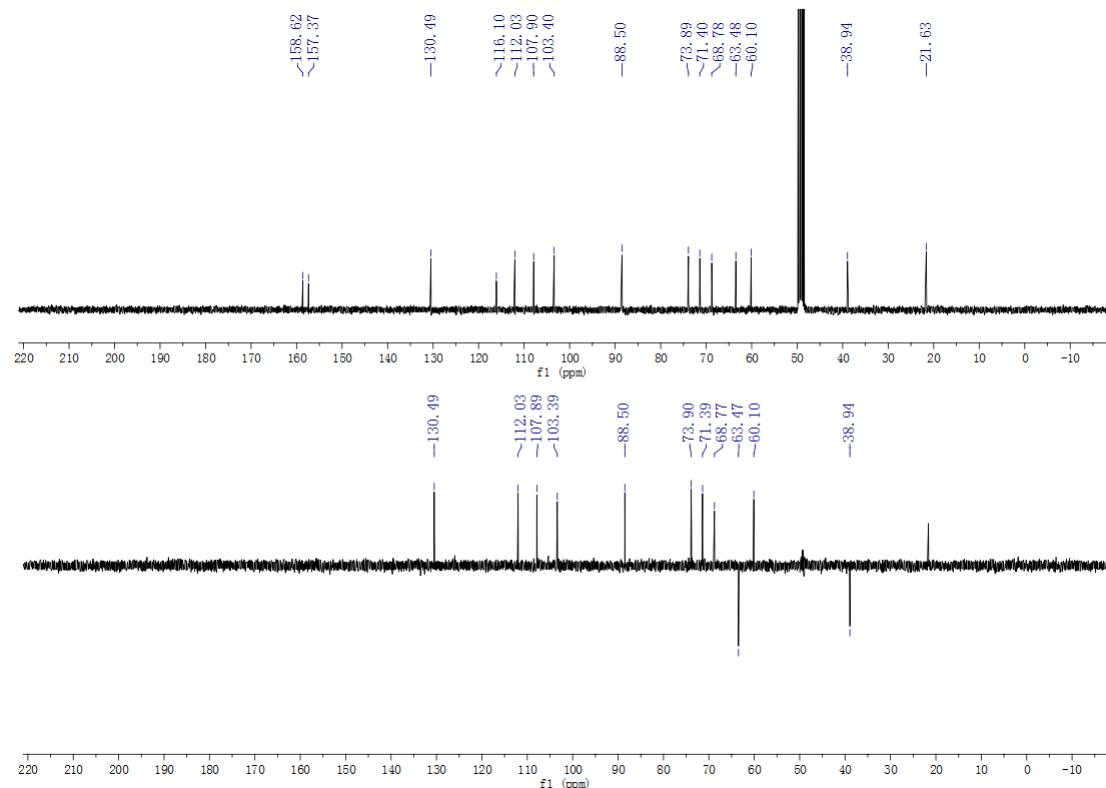
Figure S1. ^1H NMR spectrum of **1** at 400 MHz in CD_3OD .**Figure S2.** ^{13}C NMR spectrum of **1** at 100 MHz in CD_3OD .

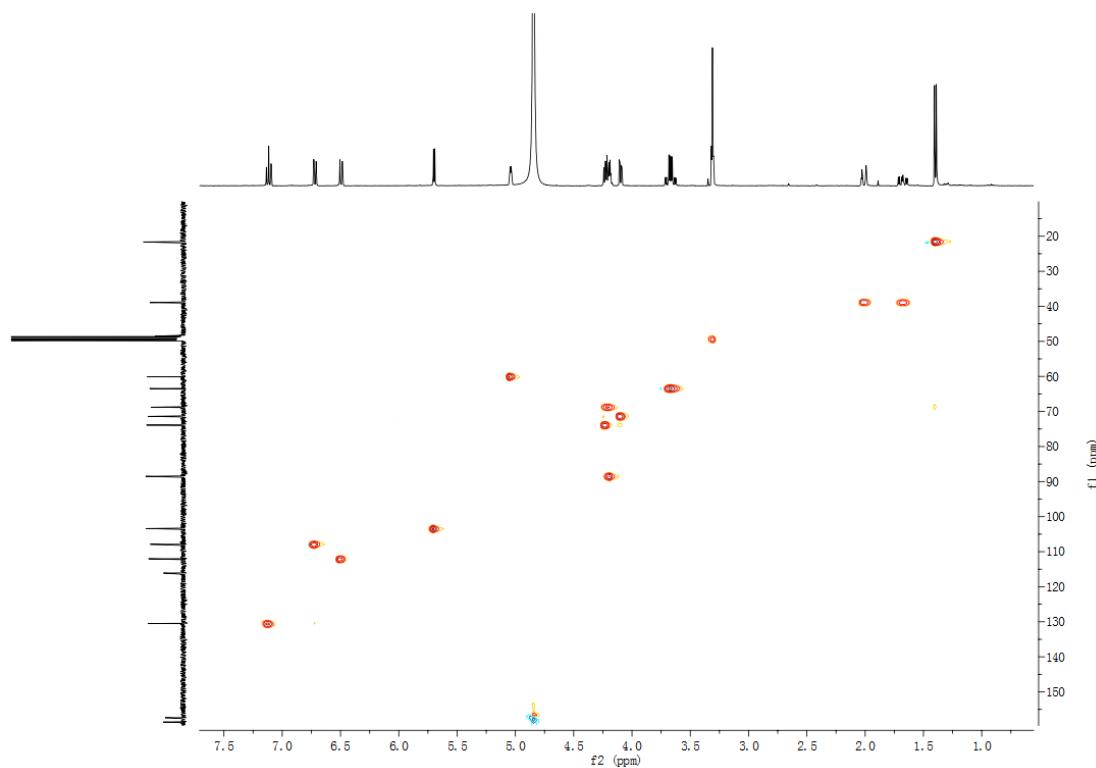
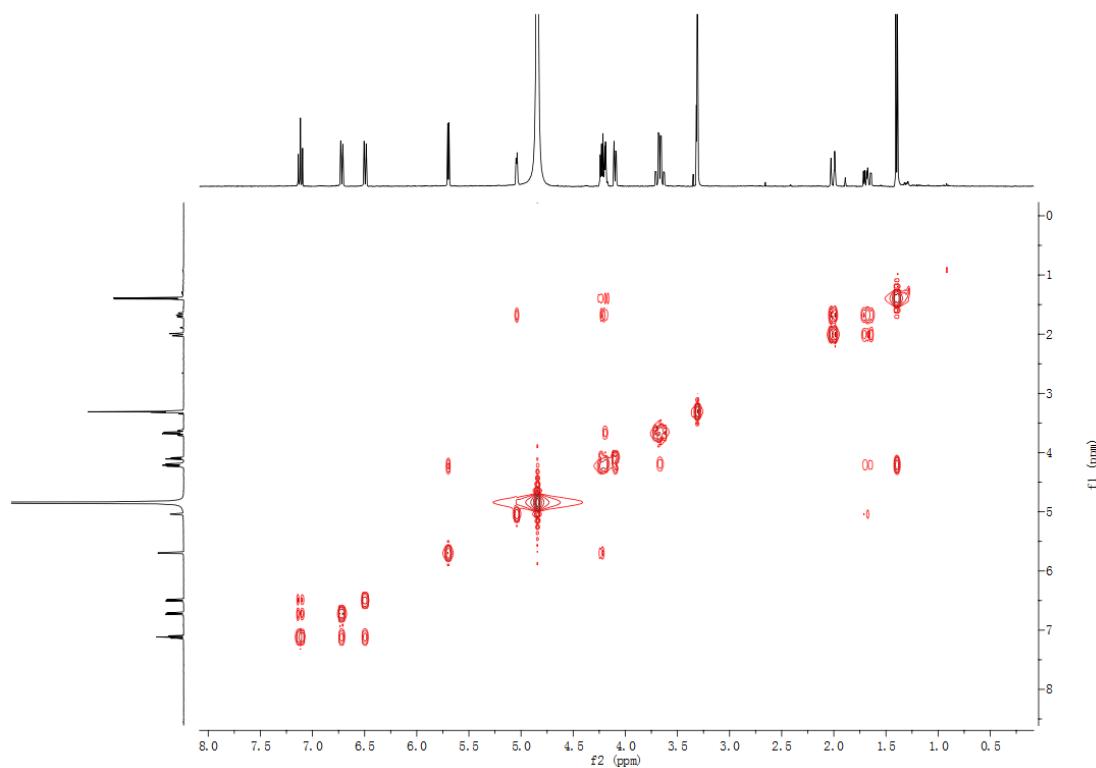
Figure S3. HSQC spectrum of **1** in CD₃OD.**Figure S4.** ¹H–¹H COSY spectrum of **1** in CD₃OD.

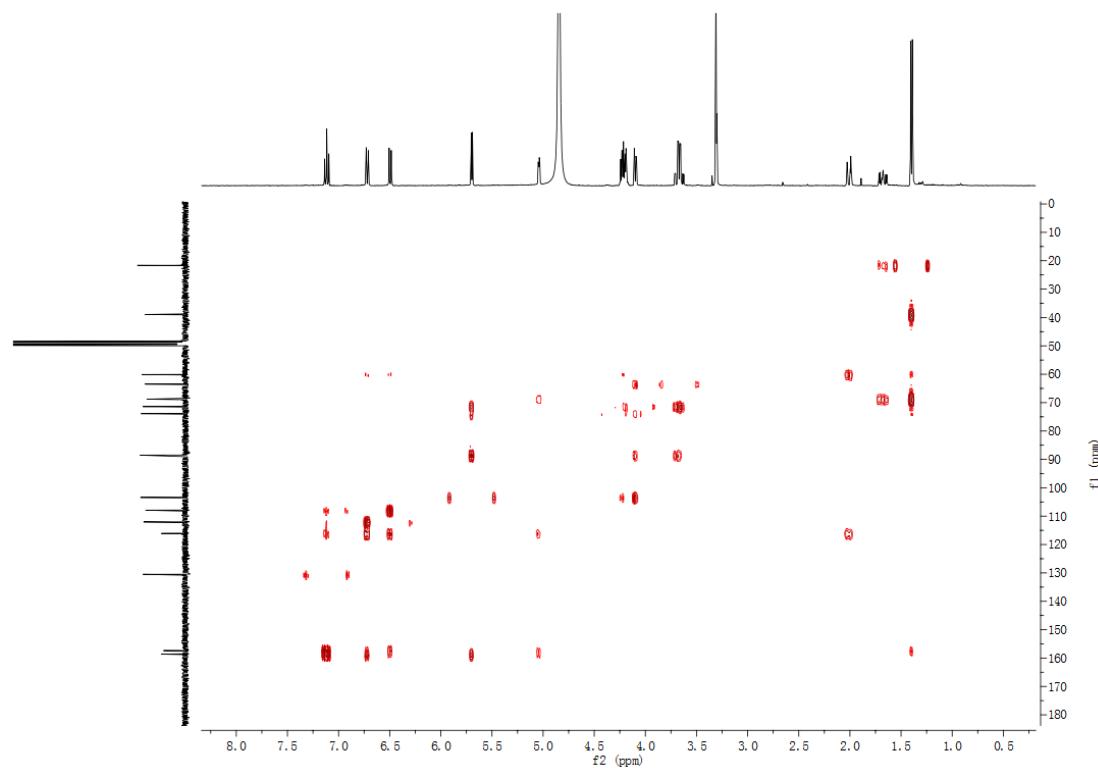
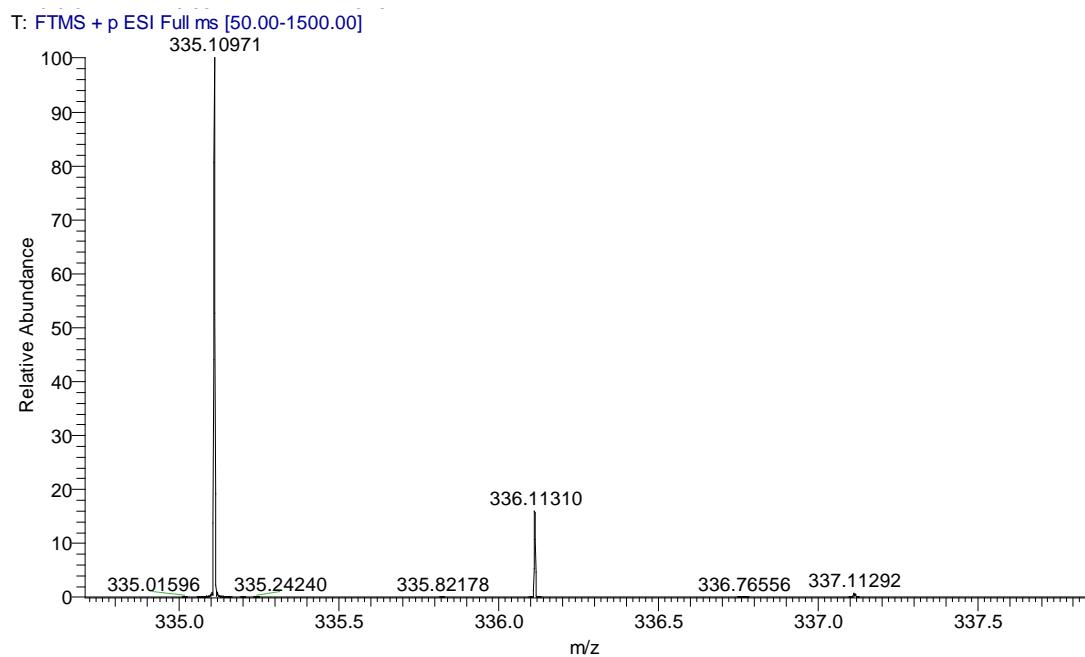
Figure S5. HMBC spectrum of **1** in CD₃OD.**Figure S6.** HRESIMS spectrum of **1**.

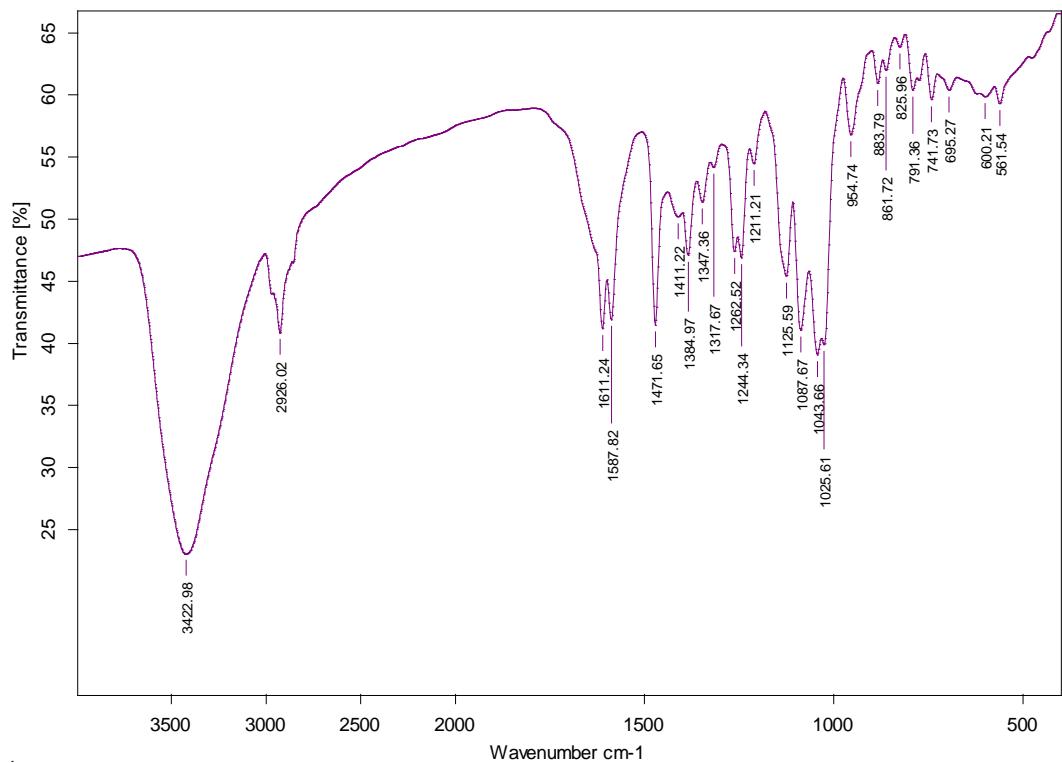
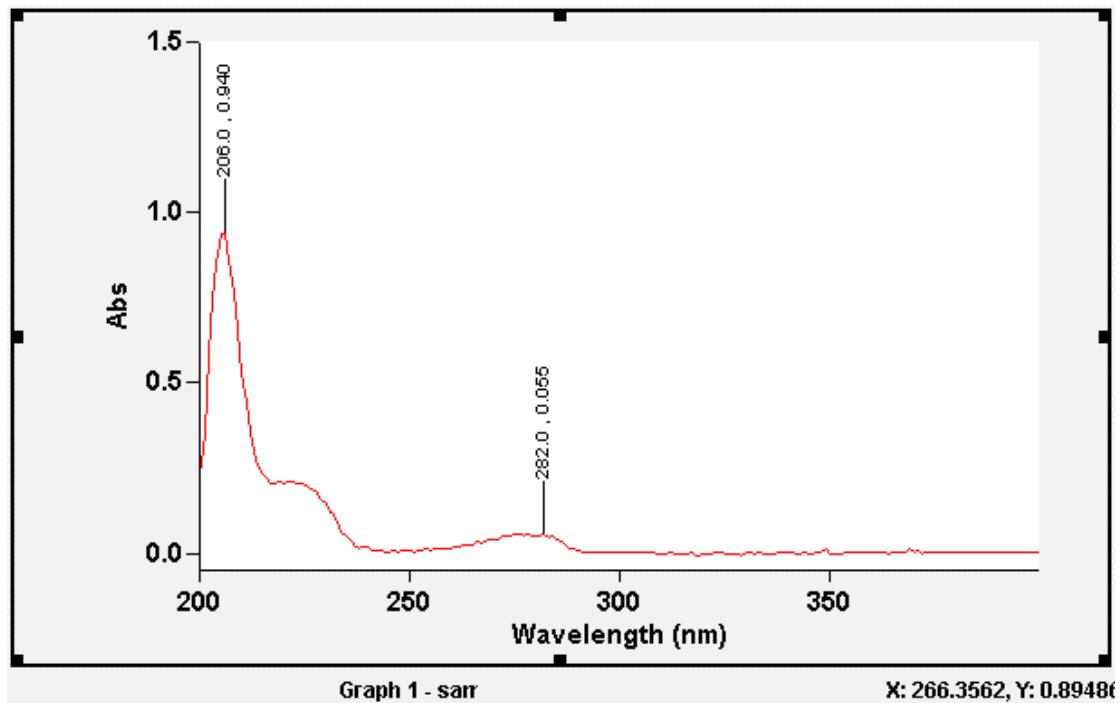
Figure S7. IR spectrum of **1**.**Figure S8.** UV spectrum of **1**.

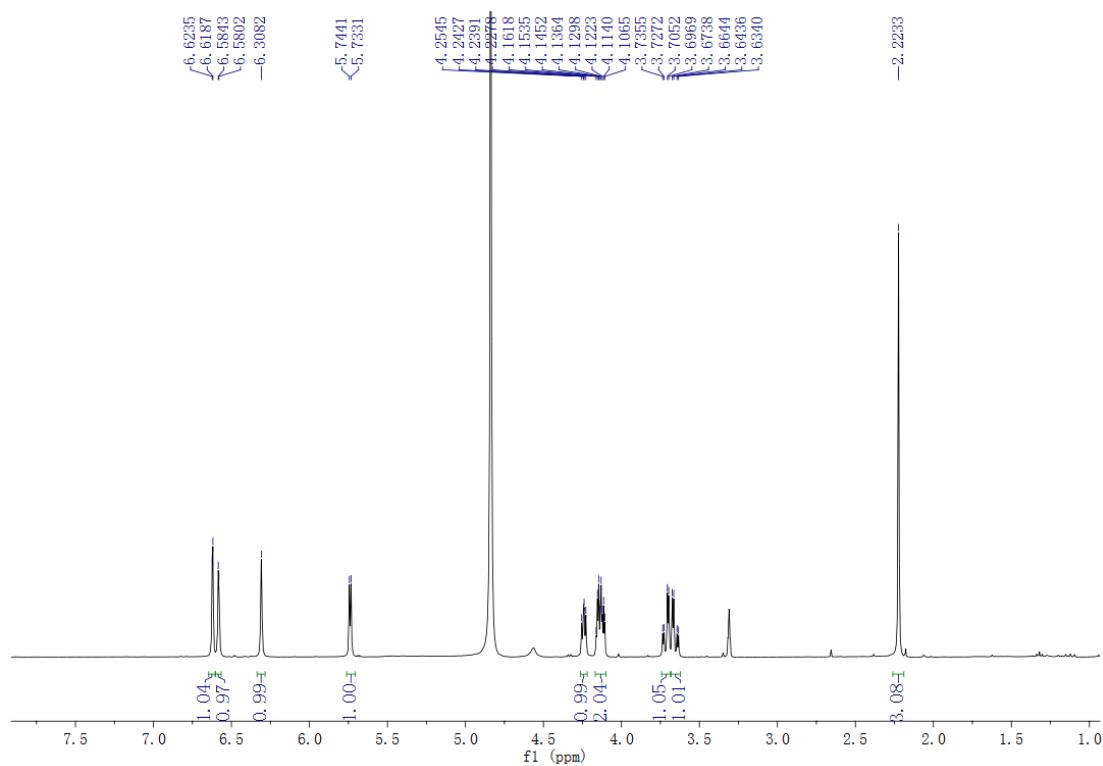
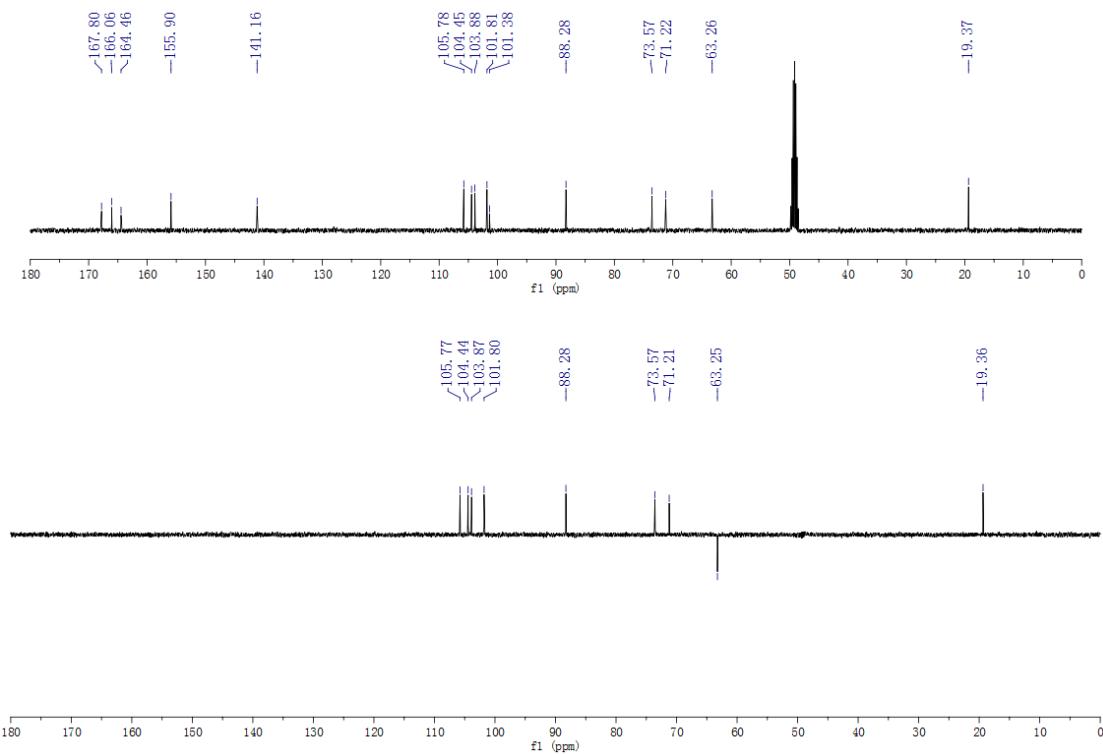
Figure S9. ^1H NMR spectrum of **2** at 400 MHz in CD_3OD .**Figure S10.** ^{13}C NMR spectrum of **2** at 100 MHz in CD_3OD .

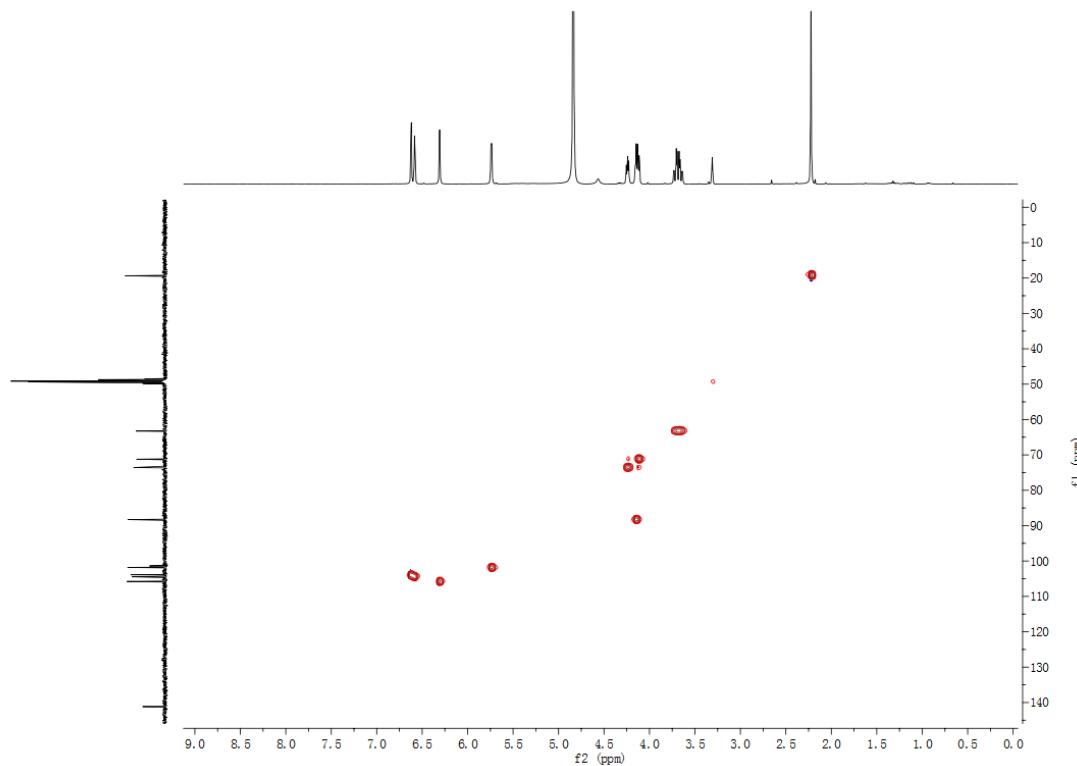
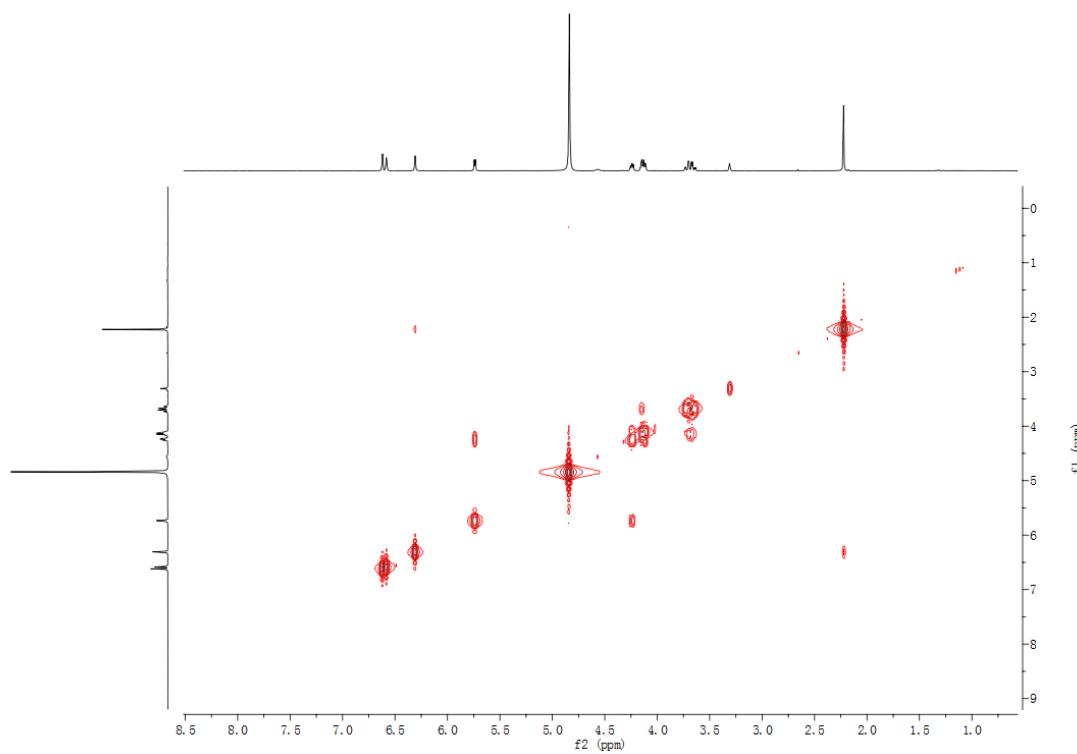
Figure S11. HSQC spectrum of **2** in CD₃OD.**Figure S12.** ¹H–¹H COSY spectrum of **2** in CD₃OD.

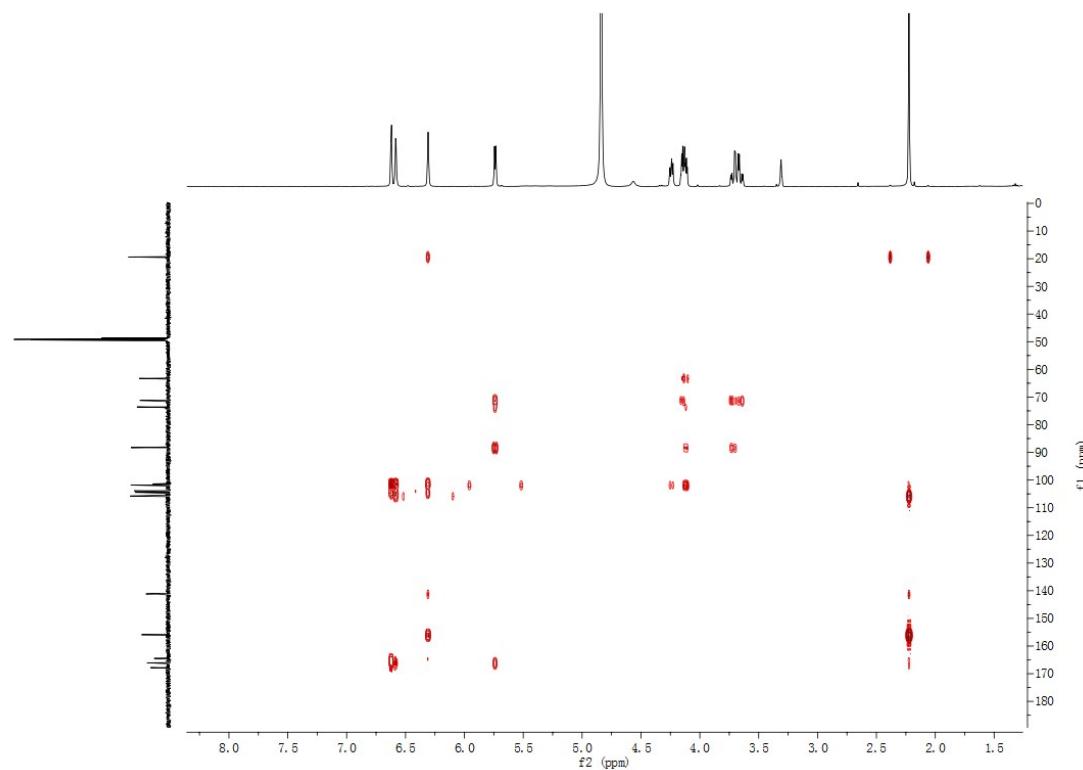
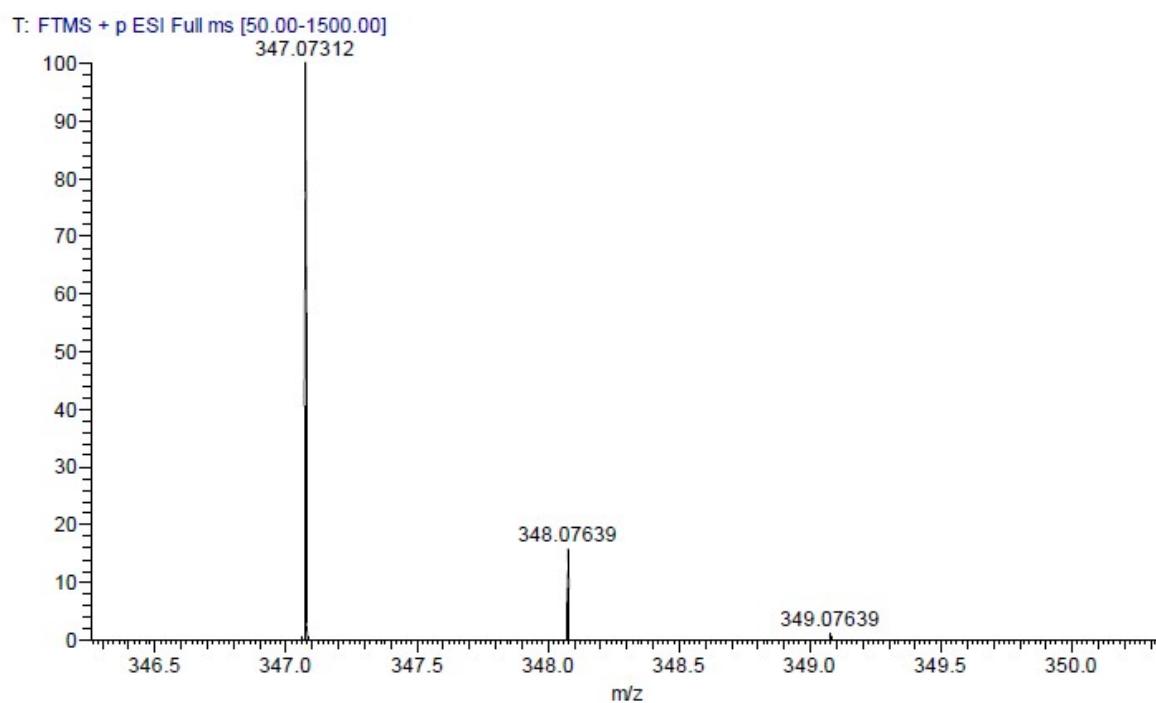
Figure S13. HMBC spectrum of **2** in CD₃OD.**Figure S14.** HRESIMS spectrum of **2**.

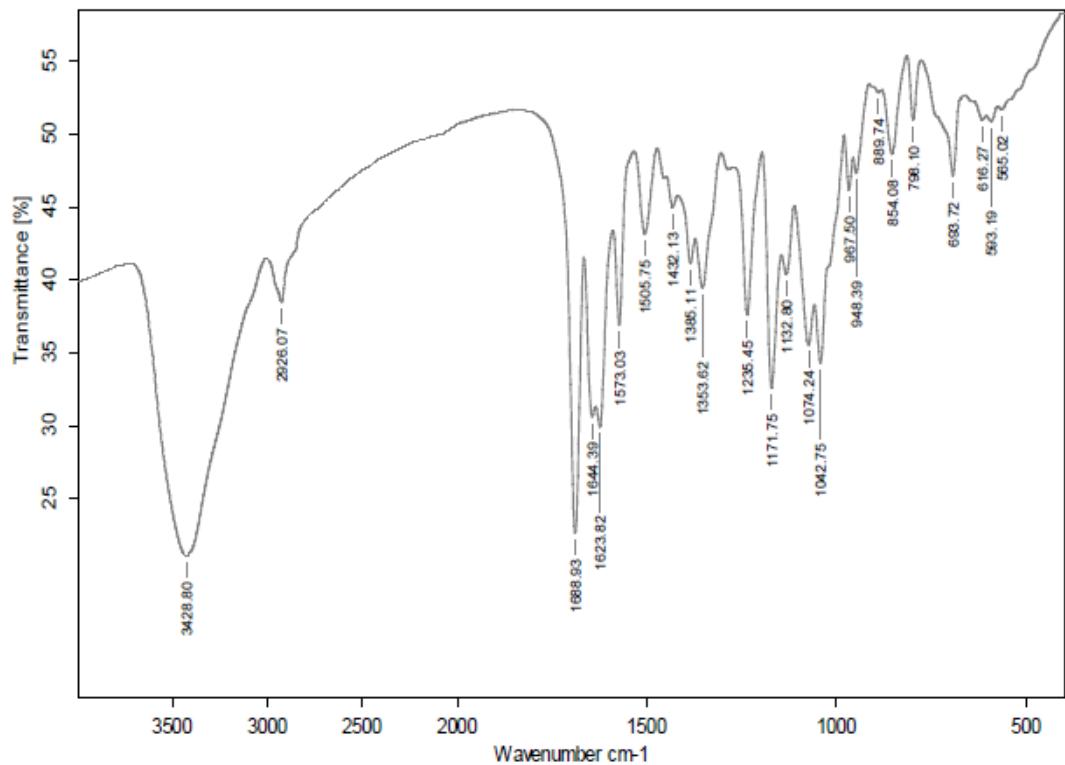
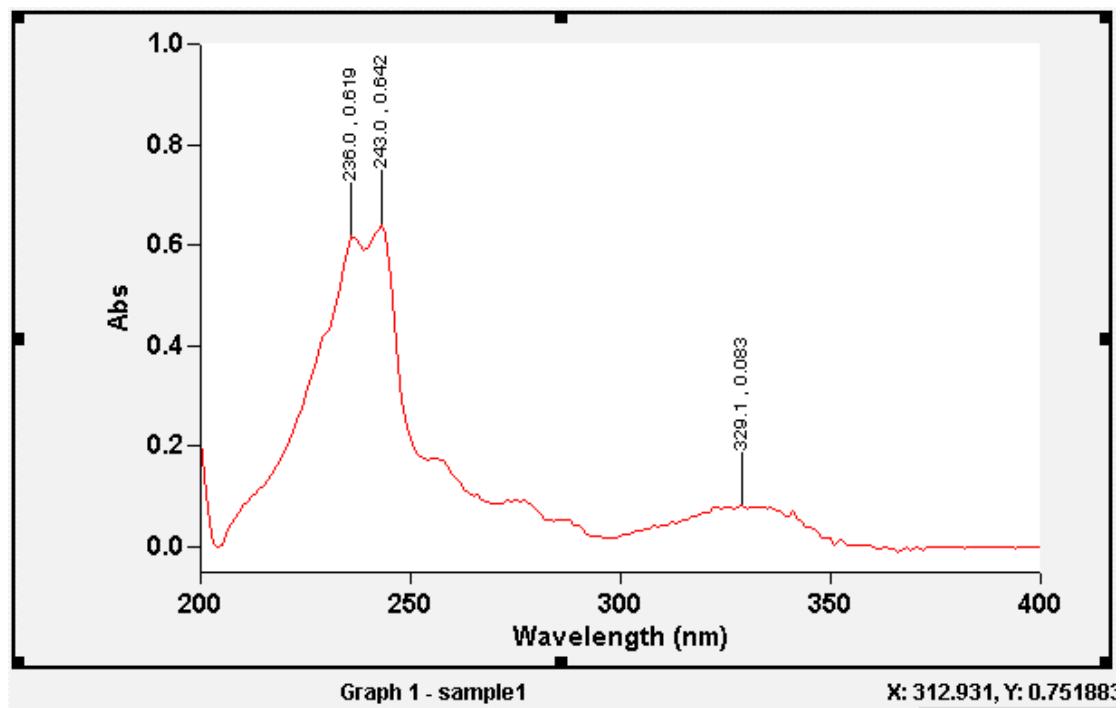
Figure S15. IR spectrum of 2.**Figure S16.** UV spectrum of 2.

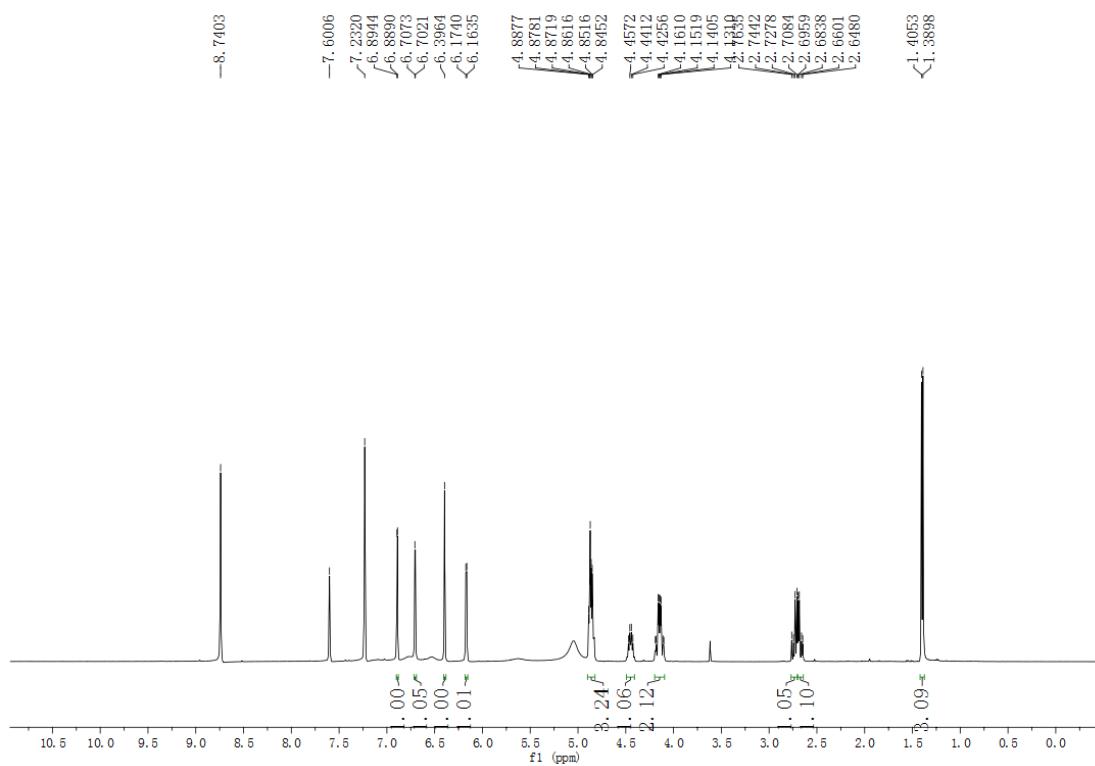
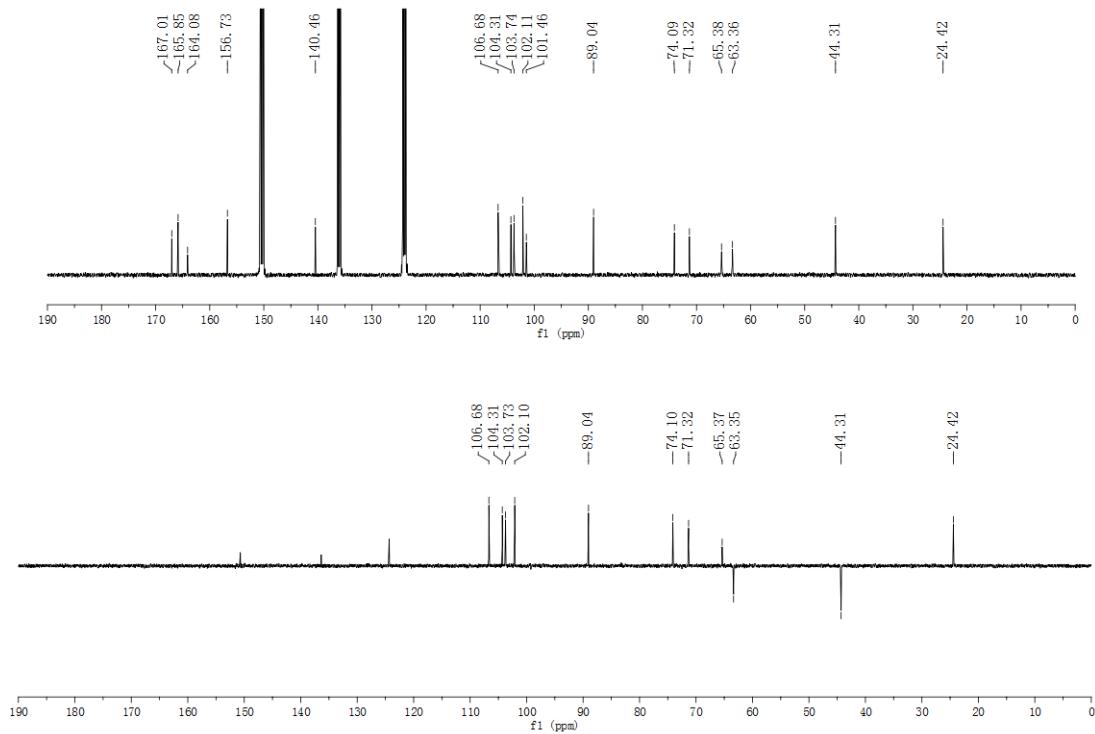
Figure S17. ^1H NMR spectrum of **3** at 400 MHz in $\text{C}_5\text{D}_5\text{N}$.**Figure S18.** ^{13}C NMR spectrum of **3** at 100 MHz in $\text{C}_5\text{D}_5\text{N}$.

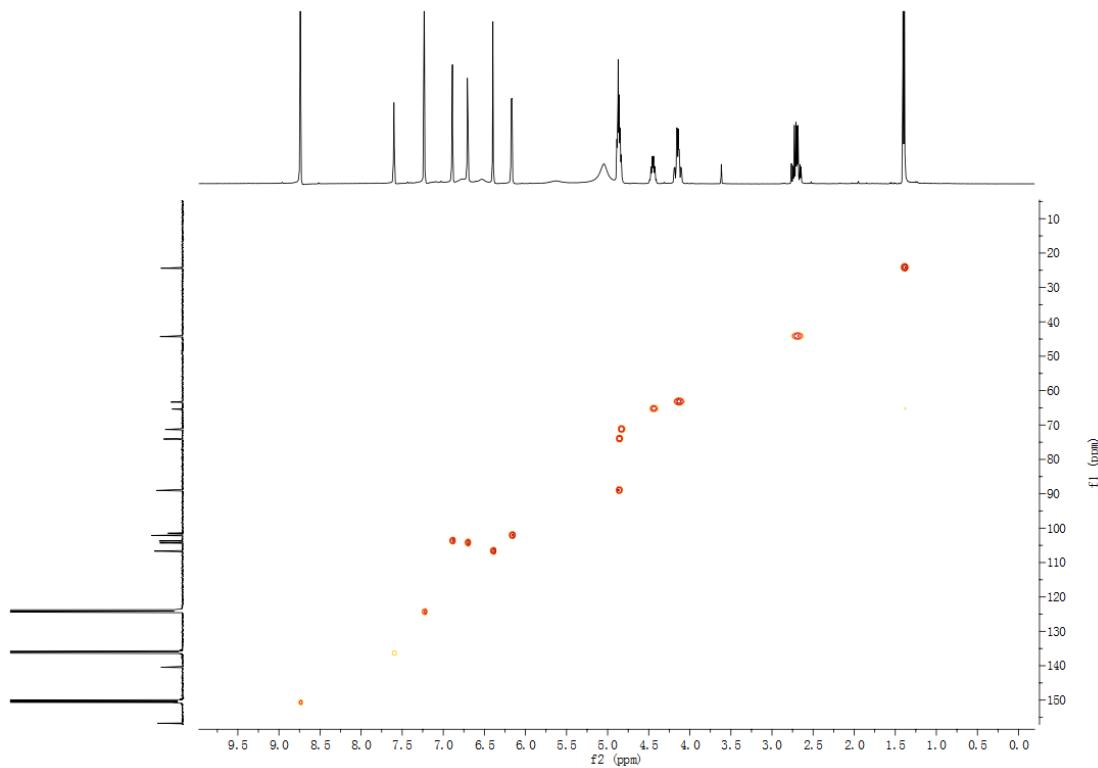
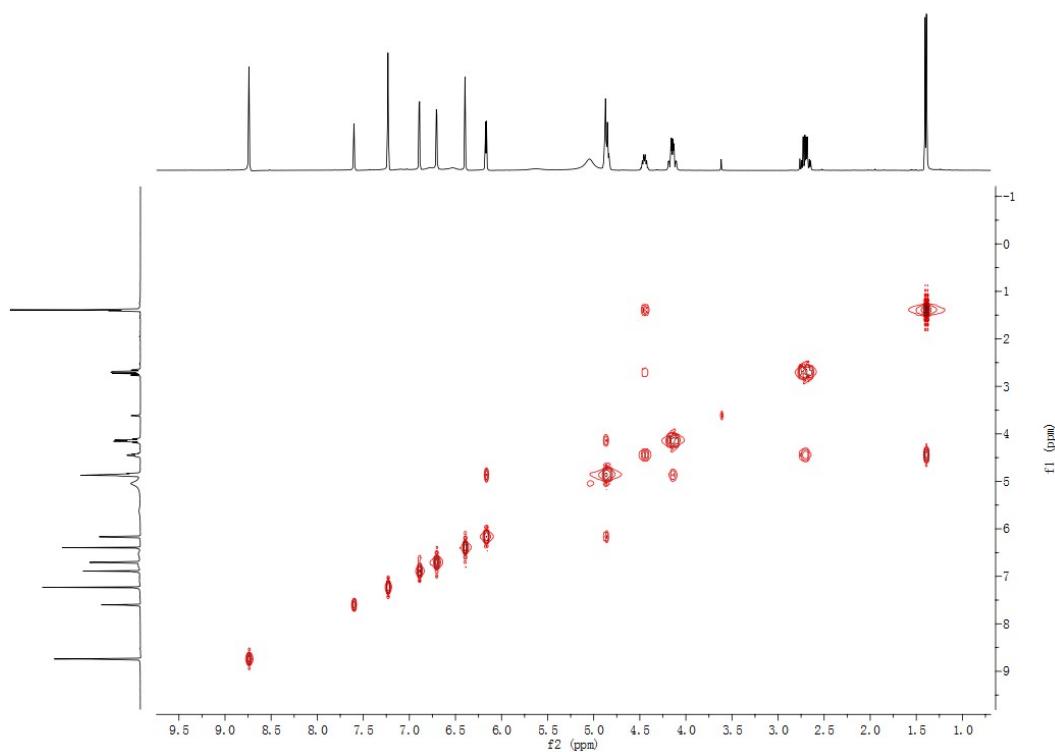
Figure S19. HSQC spectrum of **3** in C₅D₅N.**Figure S20.** ¹H–¹H COSY spectrum of **3** in C₅D₅N.

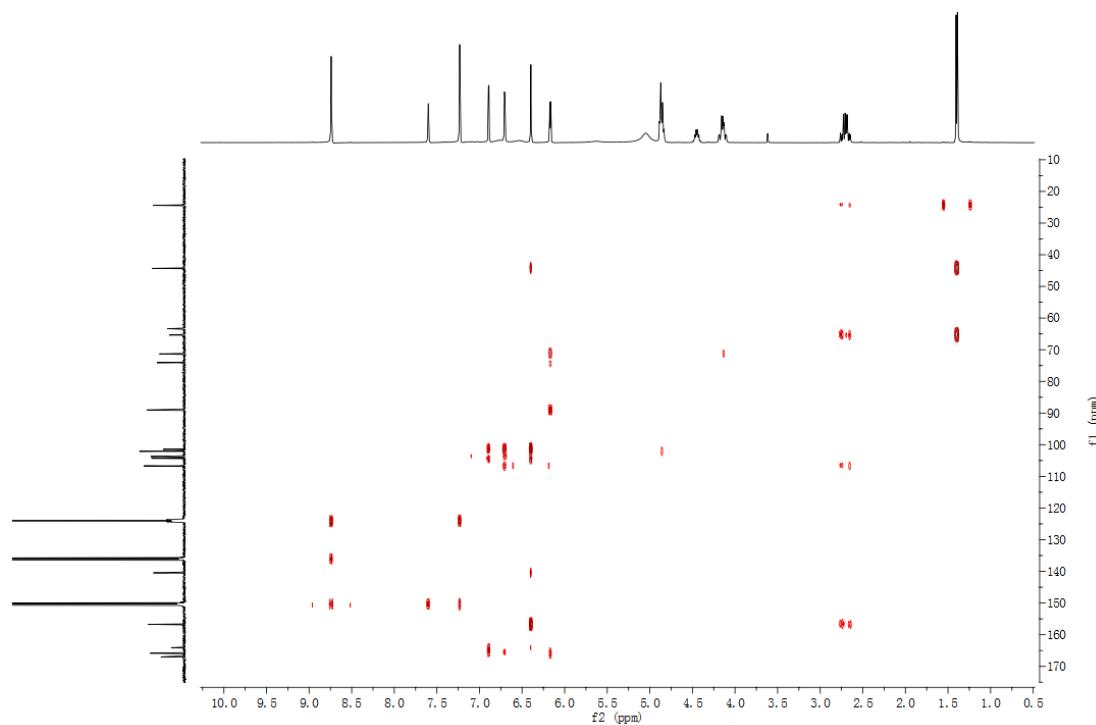
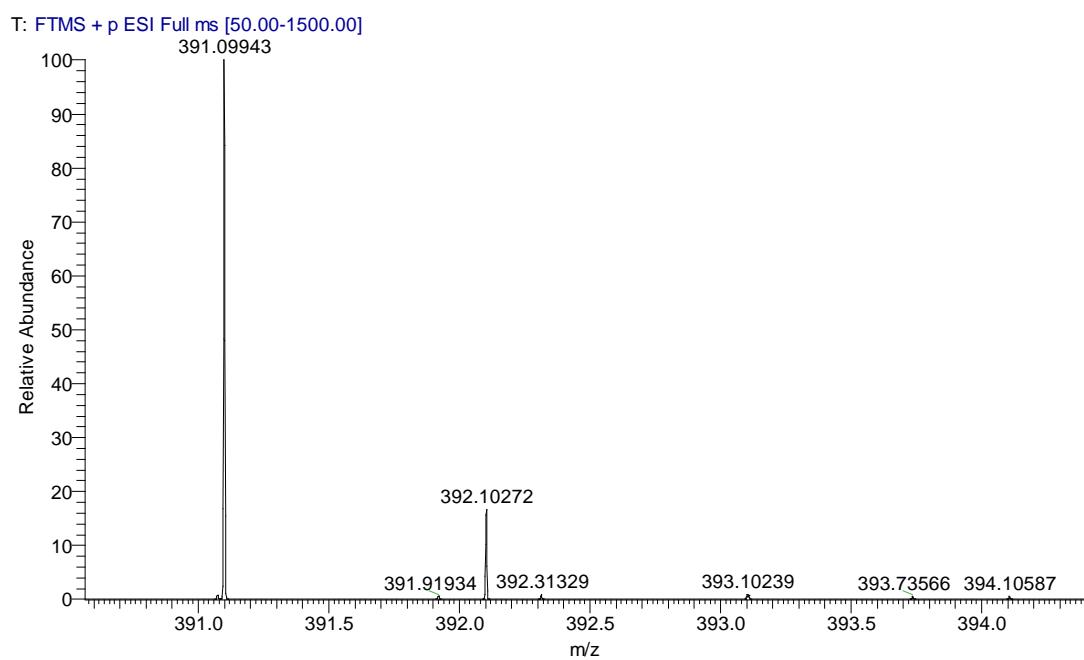
Figure S21. HMBC spectrum of **3** in C₅D₅N.**Figure S22.** HRESIMS spectrum of **3**.

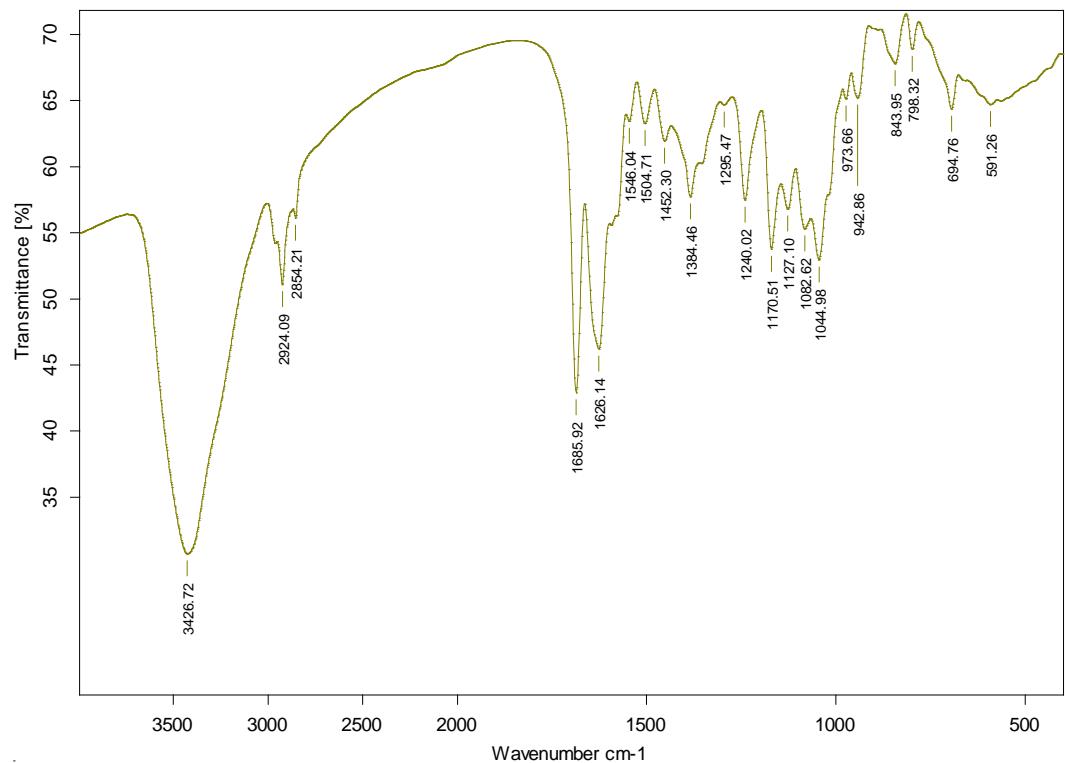
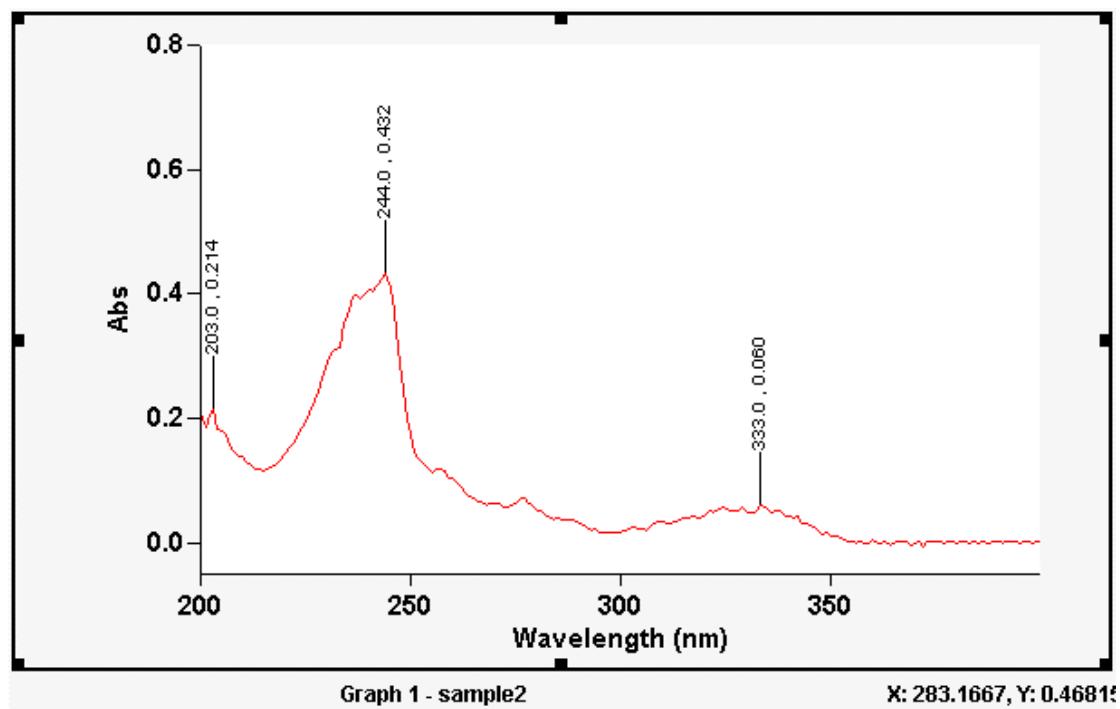
Figure S23. IR spectrum of **3**.**Figure S24.** UV spectrum of **3**.

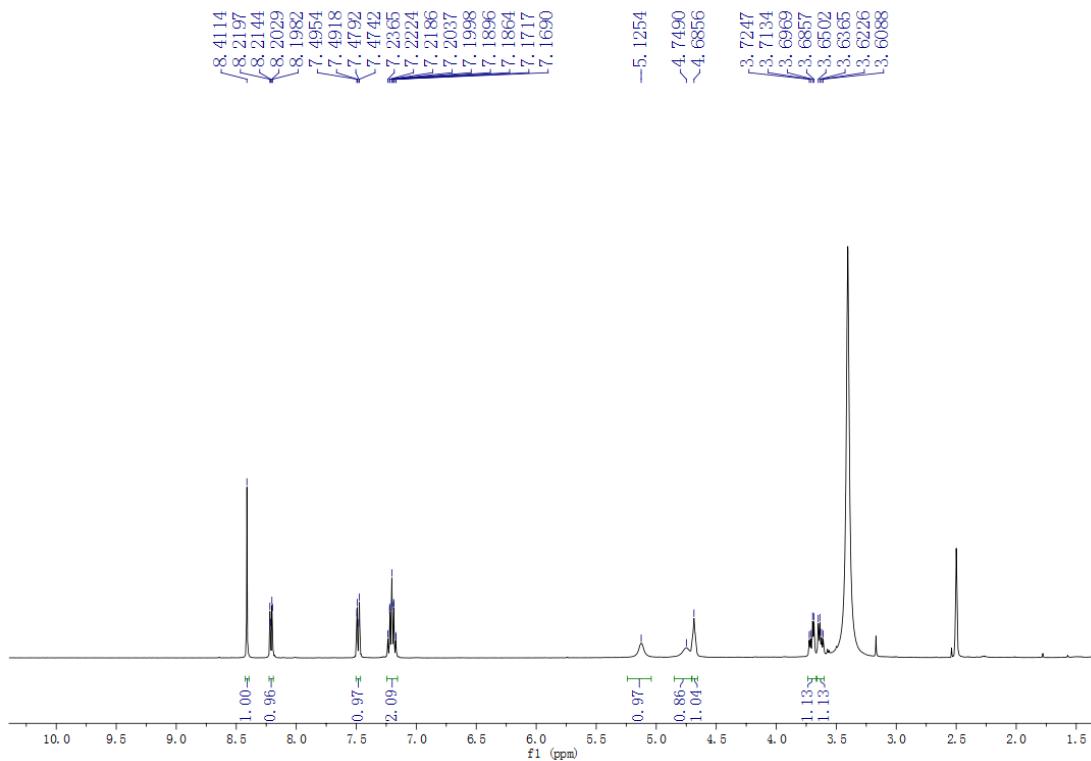
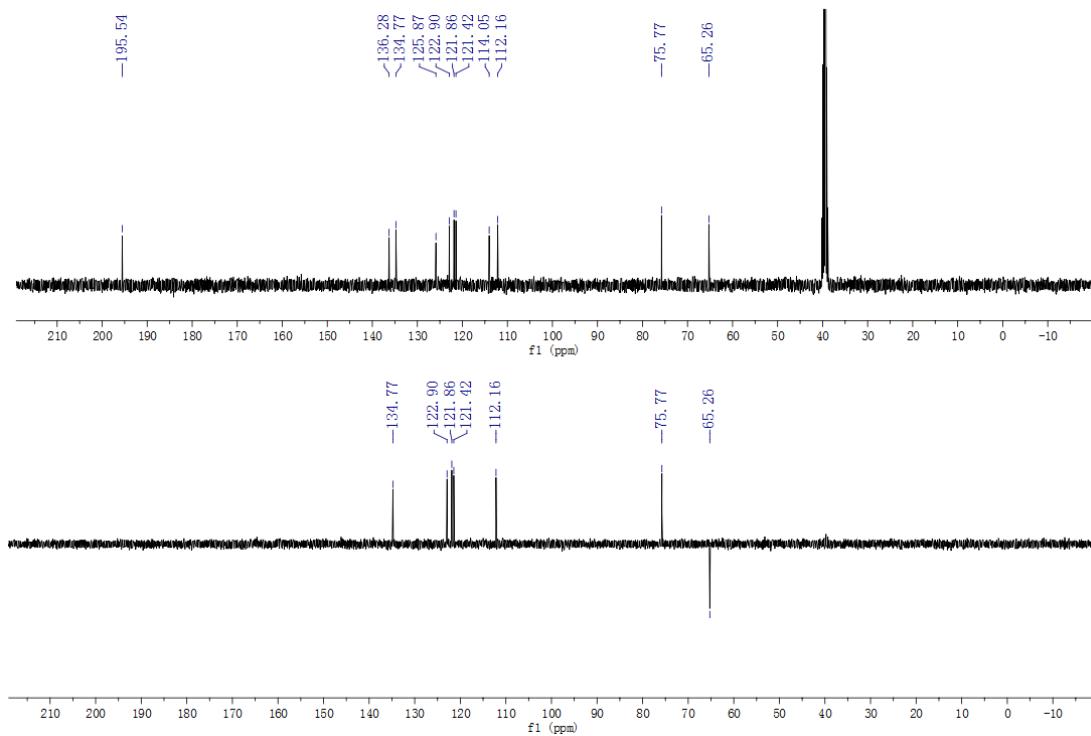
Figure S25. ^1H NMR spectrum of **4** at 400 MHz in $\text{DMSO}-d_6$.**Figure S26.** ^{13}C NMR spectrum of **4** at 100 MHz in $\text{DMSO}-d_6$.

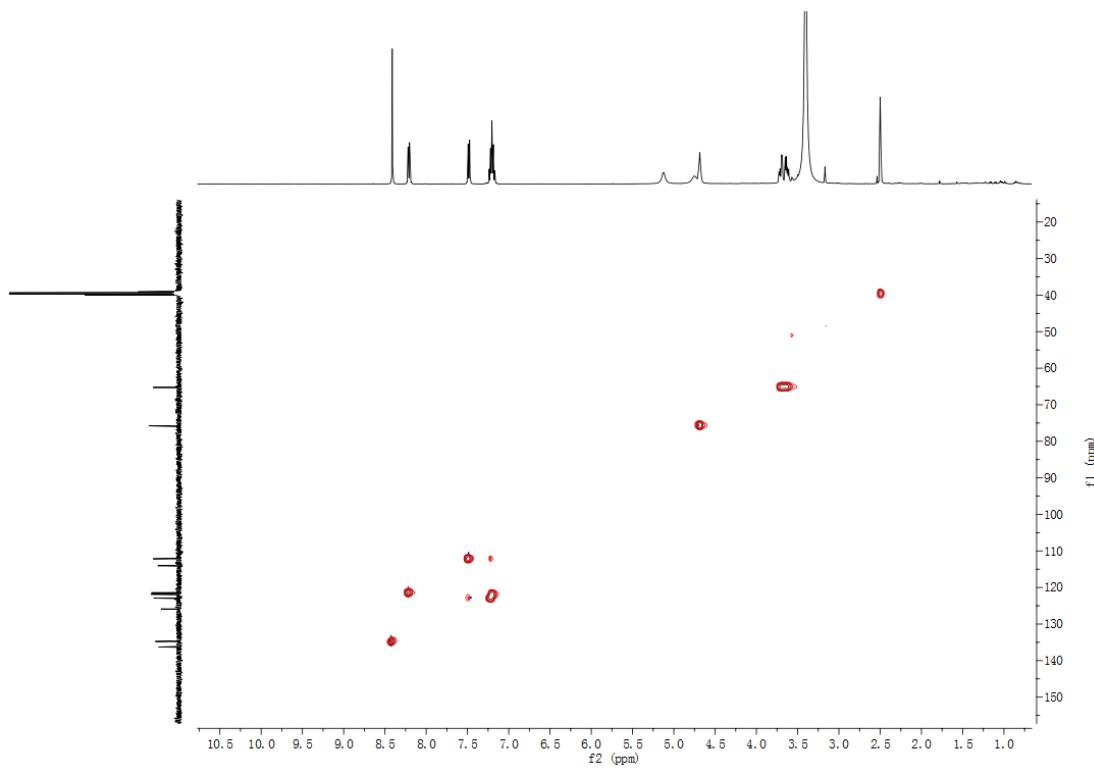
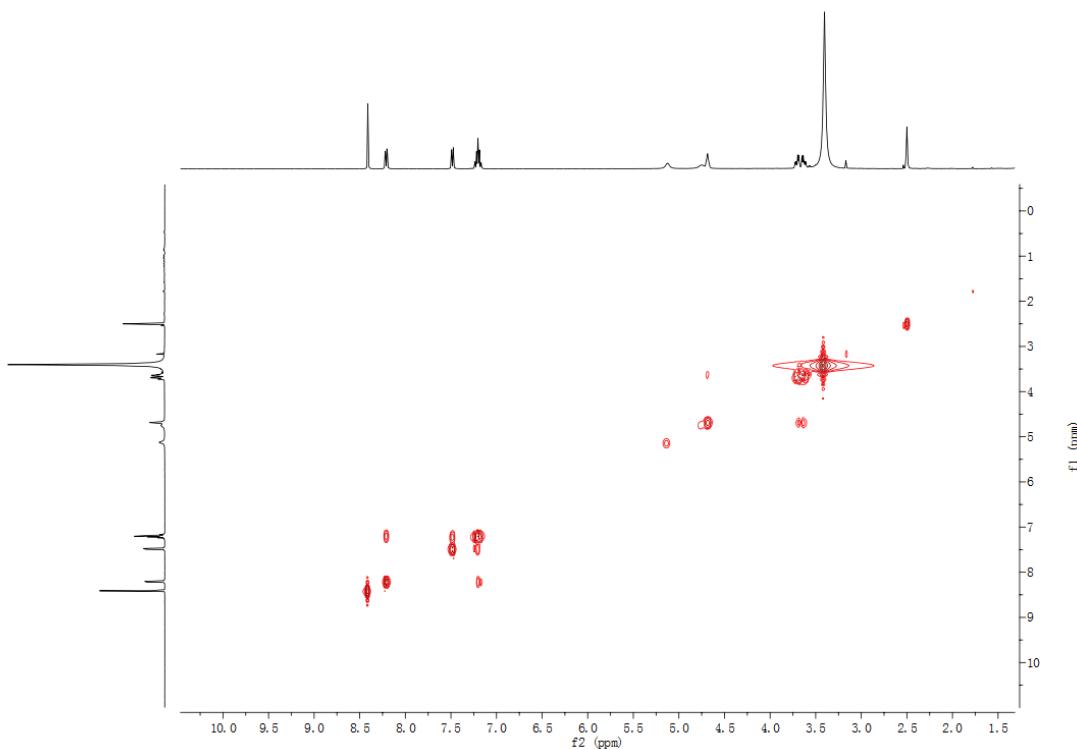
Figure S27. HSQC spectrum of **4** in DMSO-*d*₆.**Figure S28.** ¹H-¹H COSY spectrum of **4** in DMSO-*d*₆.

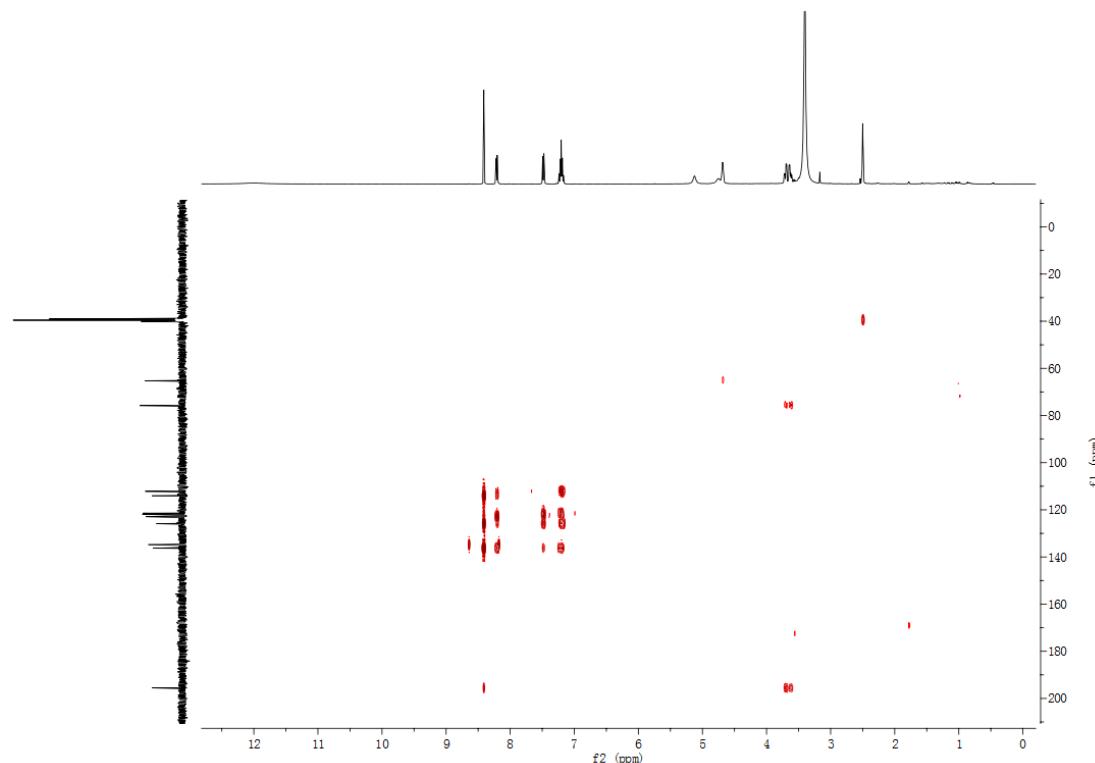
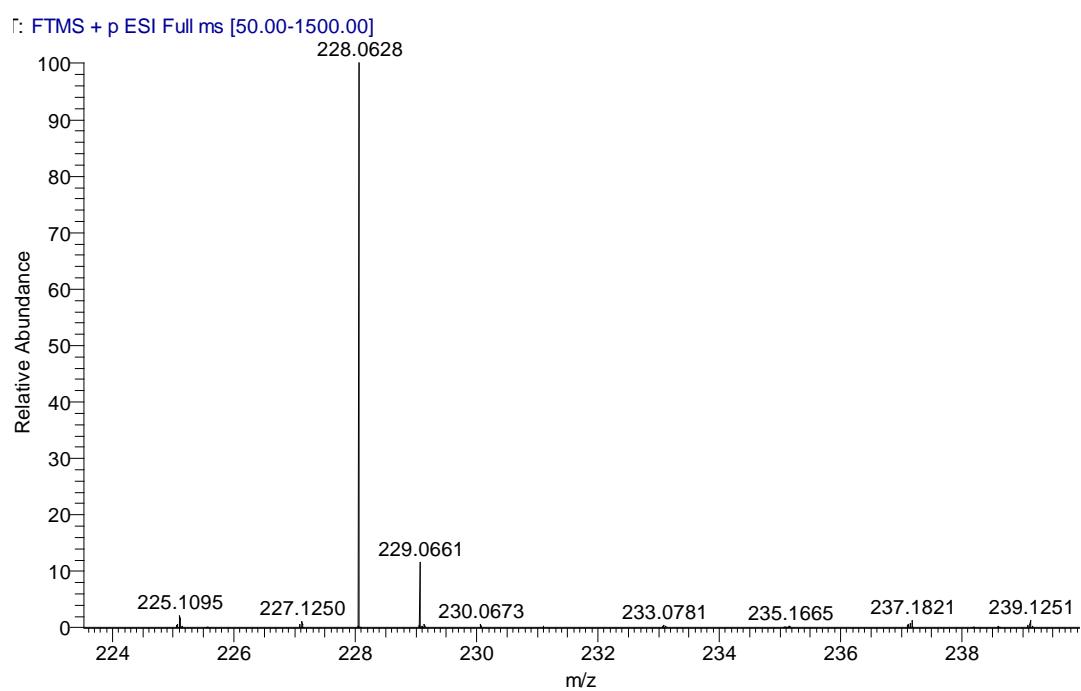
Figure S29. HMBC spectrum of **4** in DMSO-*d*₆.**Figure S30.** HRESIMS spectrum of **4**.

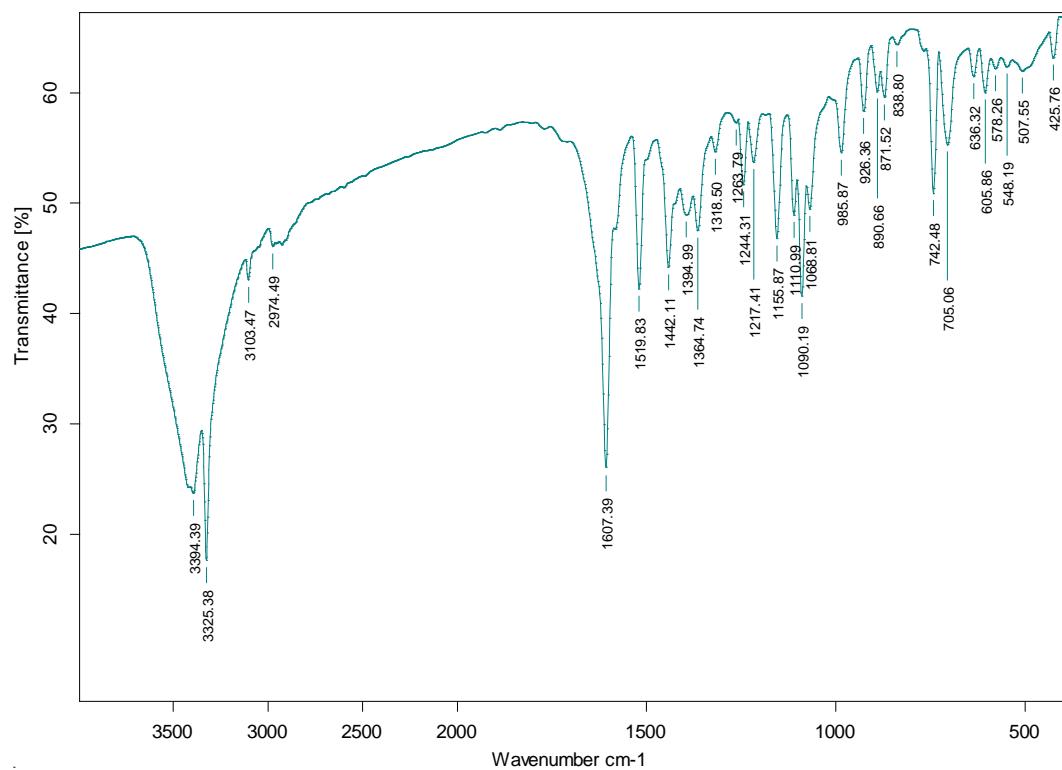
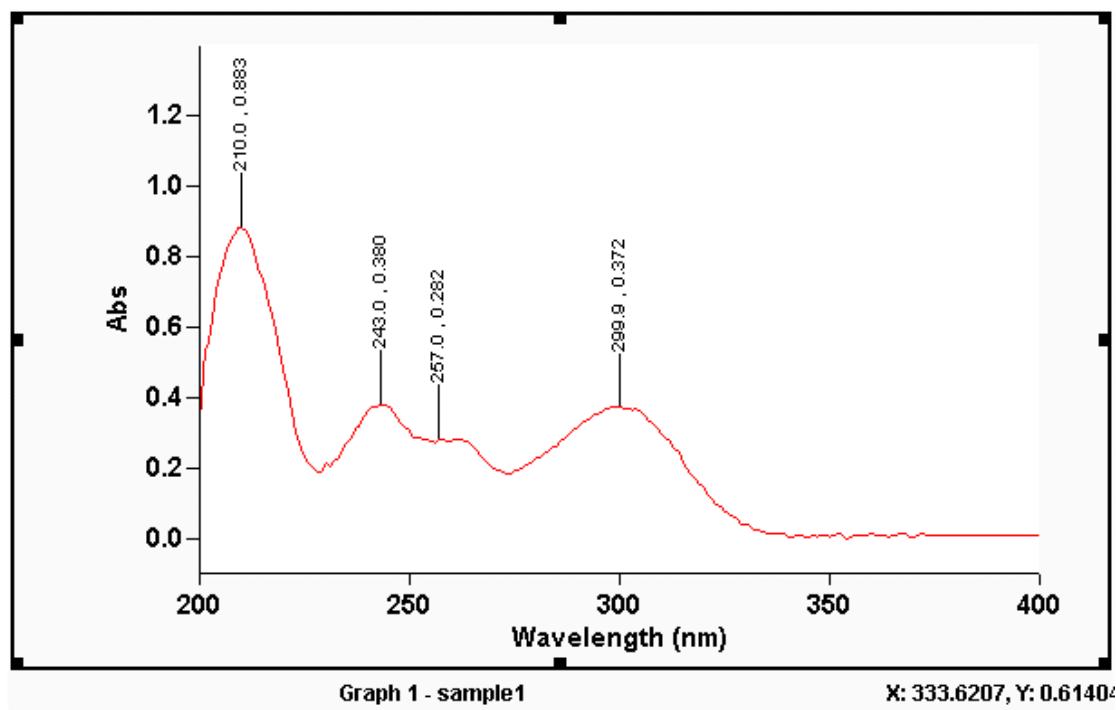
Figure S31. IR spectrum of **4**.**Figure S32.** UV spectrum of **4**.

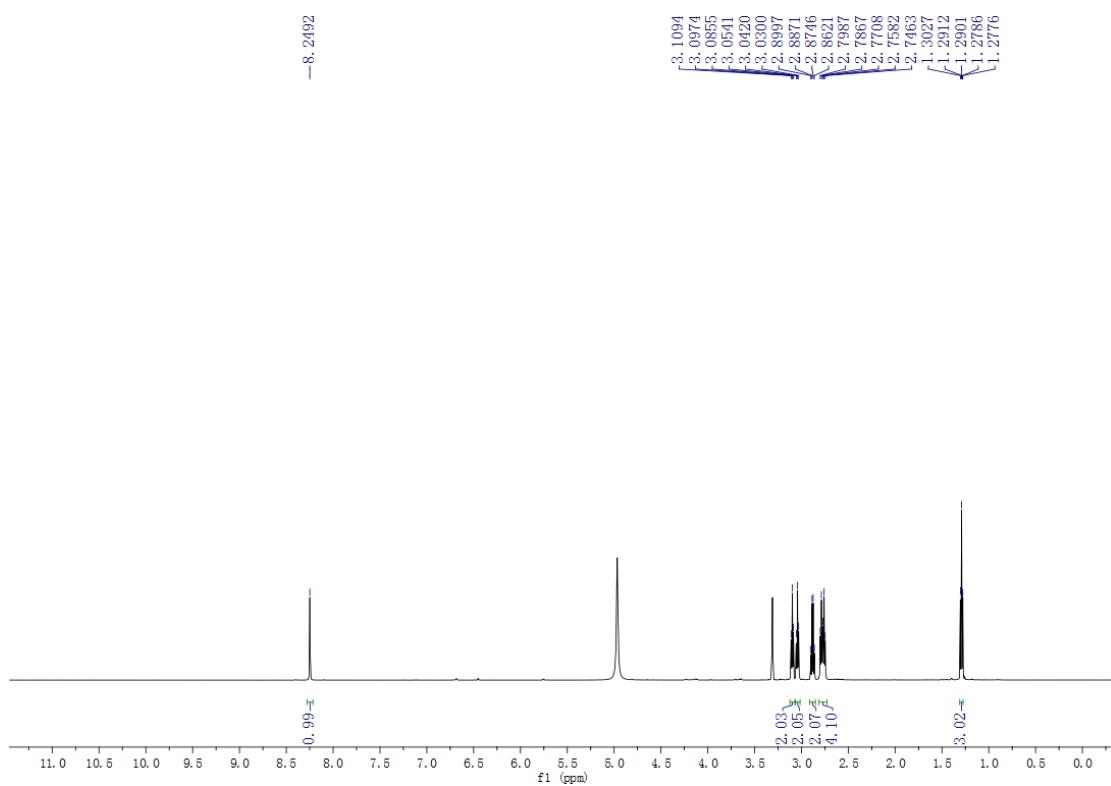
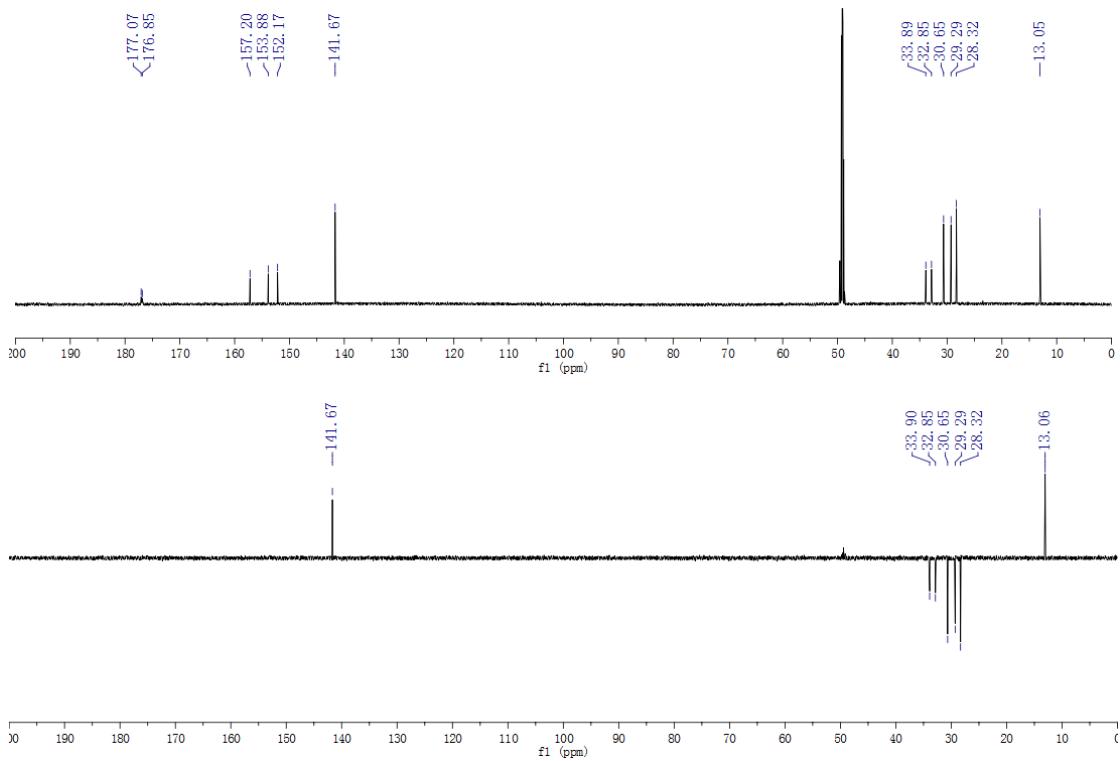
Figure S33. ^1H NMR spectrum of **5** at 600 MHz in CD_3OD .**Figure S34.** ^{13}C NMR spectrum of **5** at 150 MHz in CD_3OD .

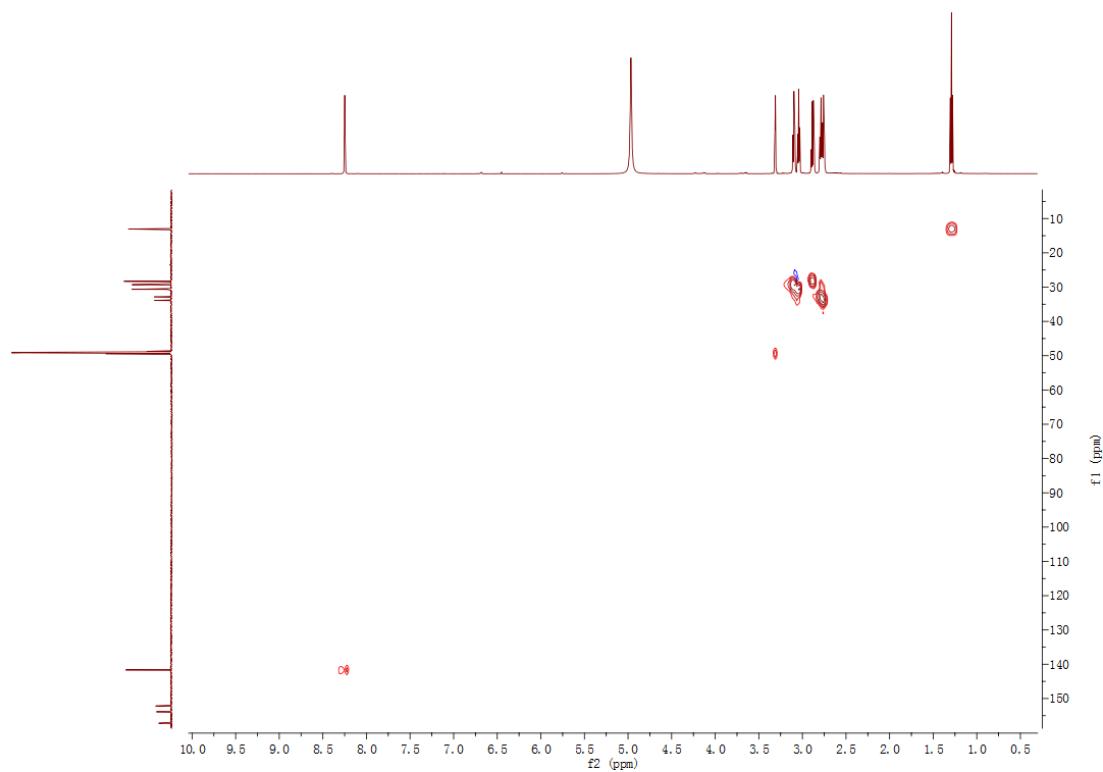
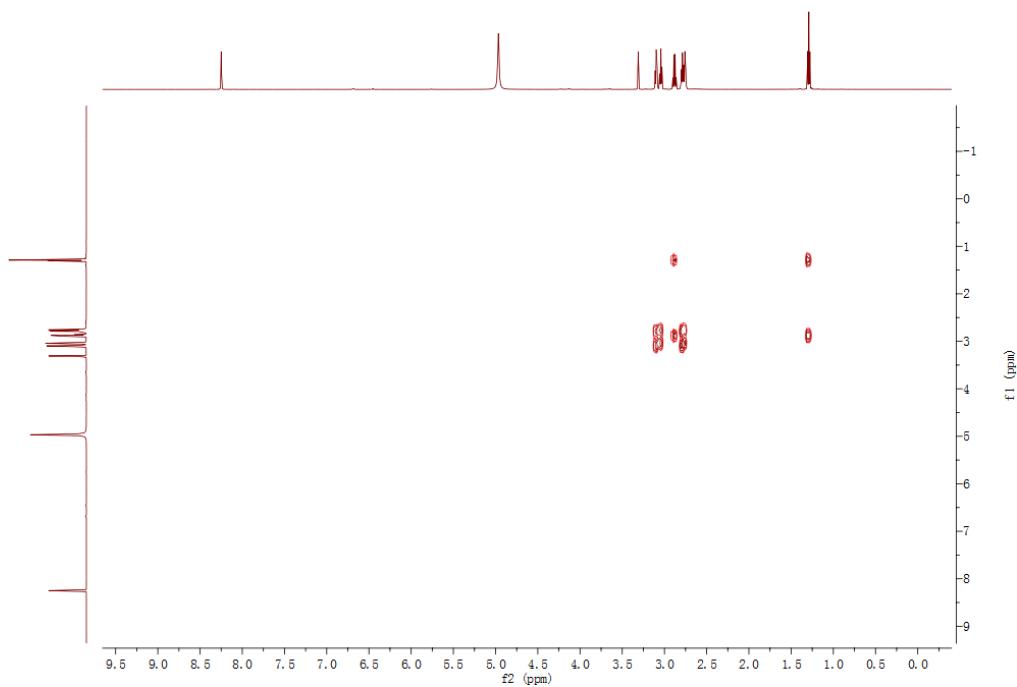
Figure S35. HSQC spectrum of **5** in CD₃OD.**Figure S36.** ¹H–¹H COSY spectrum of **5** in CD₃OD.

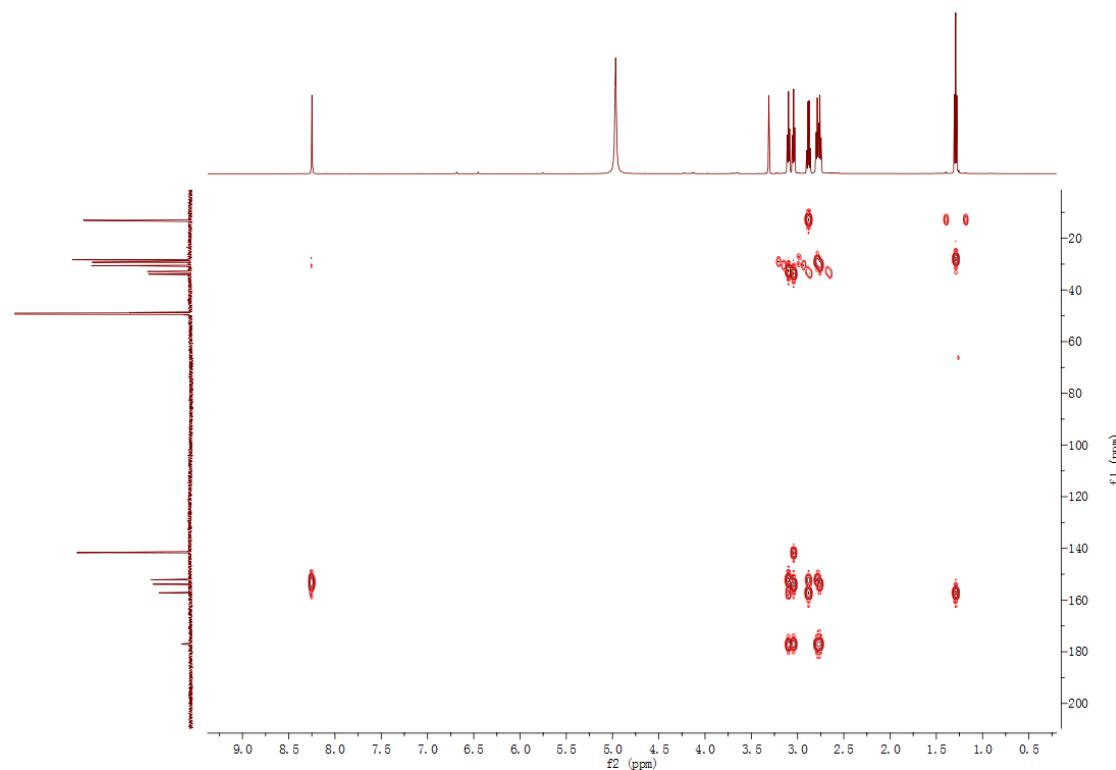
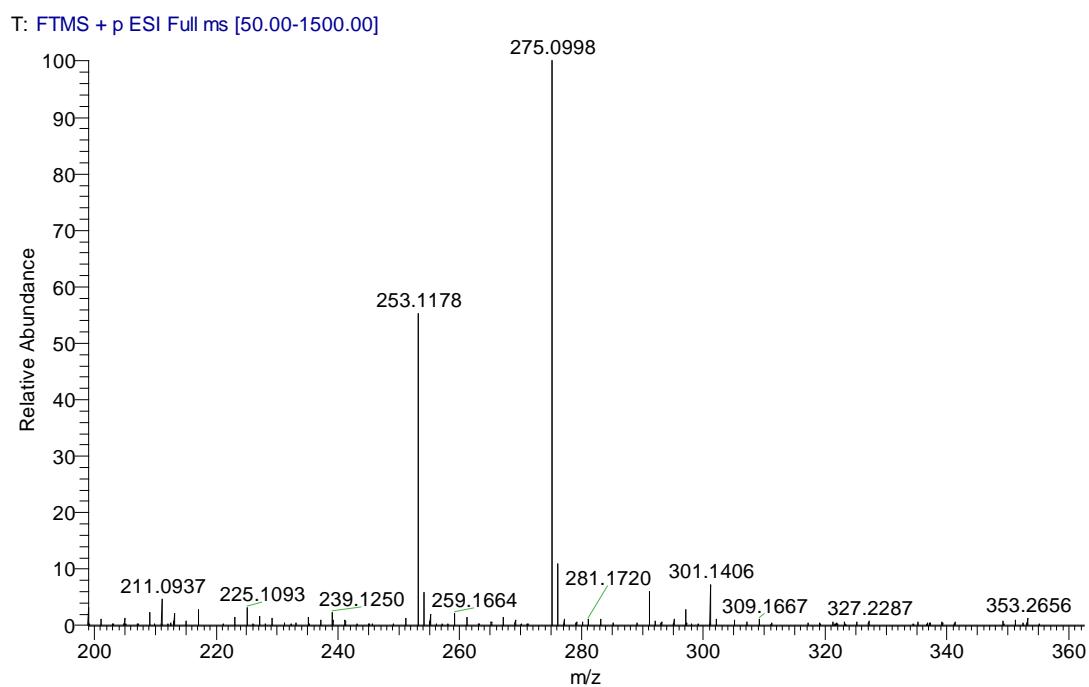
Figure S37. HMBC spectrum of **5** in CD₃OD.**Figure S38.** HRESIMS spectrum of **5**.

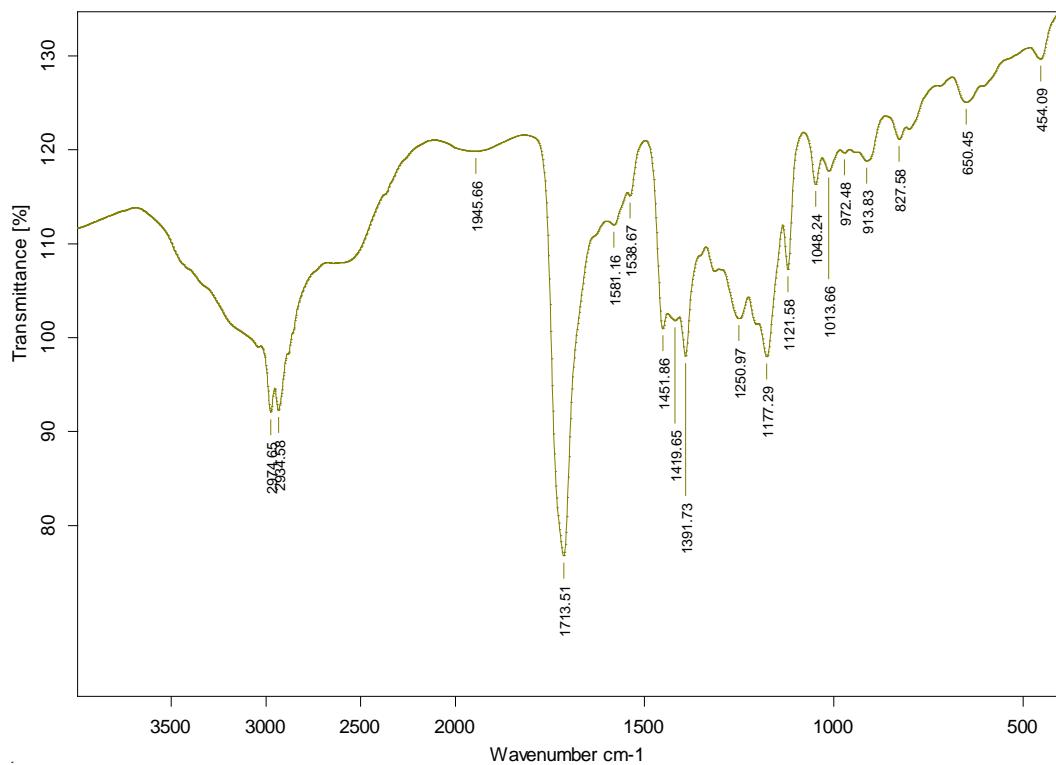
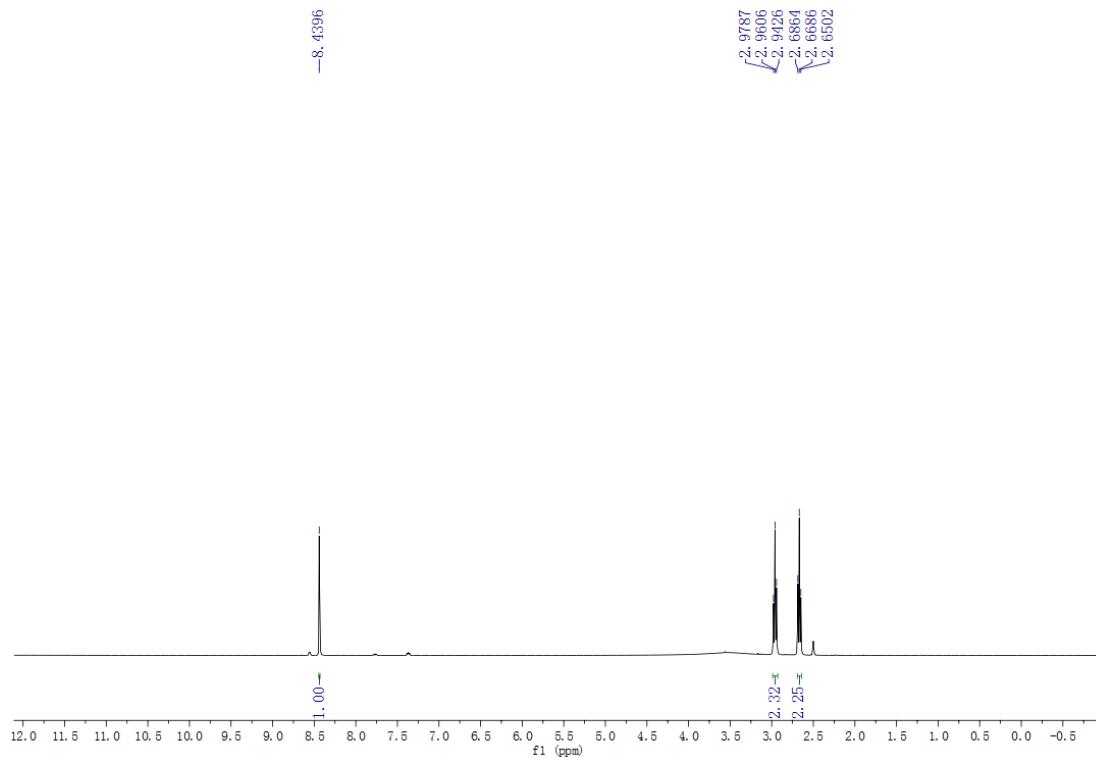
Figure S39. IR spectrum of **5**.**Figure S40.** ¹H NMR spectrum of **6** at 400 MHz in DMSO-*d*₆.

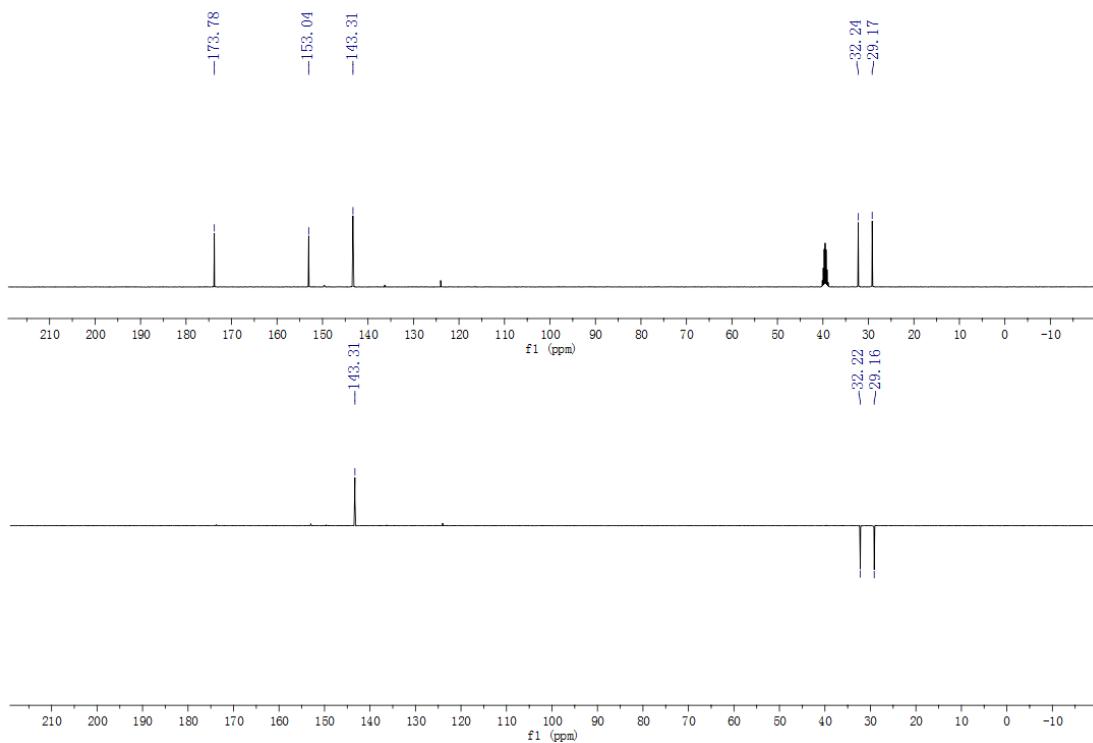
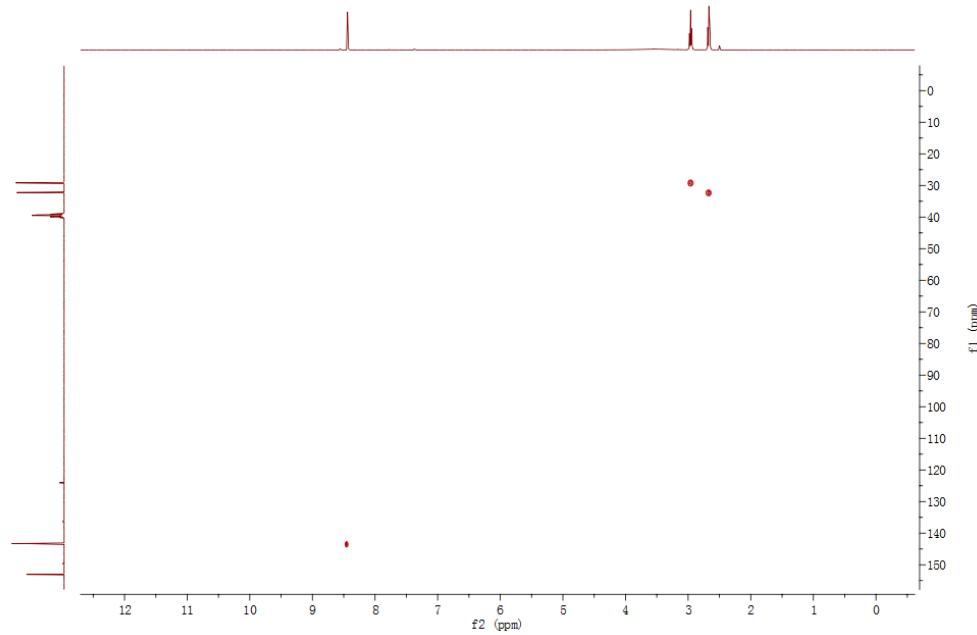
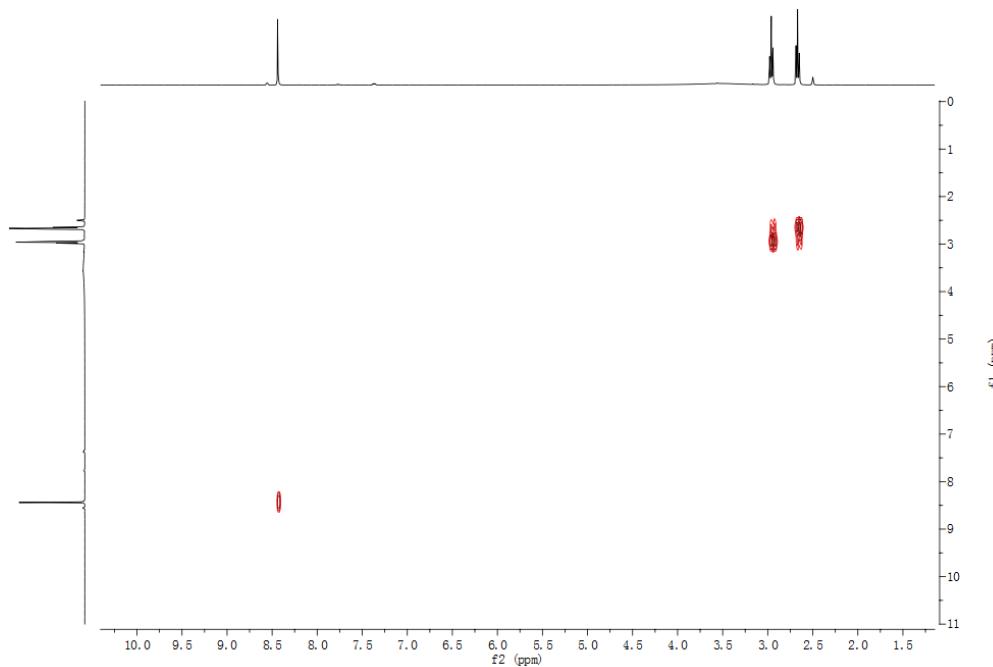
Figure S41. ^{13}C NMR spectrum of **6** at 100 MHz in $\text{DMSO}-d_6$.**Figure S42.** HSQC spectrum of **6** in $\text{DMSO}-d_6$.

Figure S43. ^1H - ^1H COSY spectrum of **6** in DMSO-*d*₆.**Figure S44.** HMBC spectrum of **6** in DMSO-*d*₆.