**Supporting Info*

Nine New Dihydro-*β*-agarofuran Sesquiterpene Polyesters from the Leaves of *Tripterygium wilfordii*

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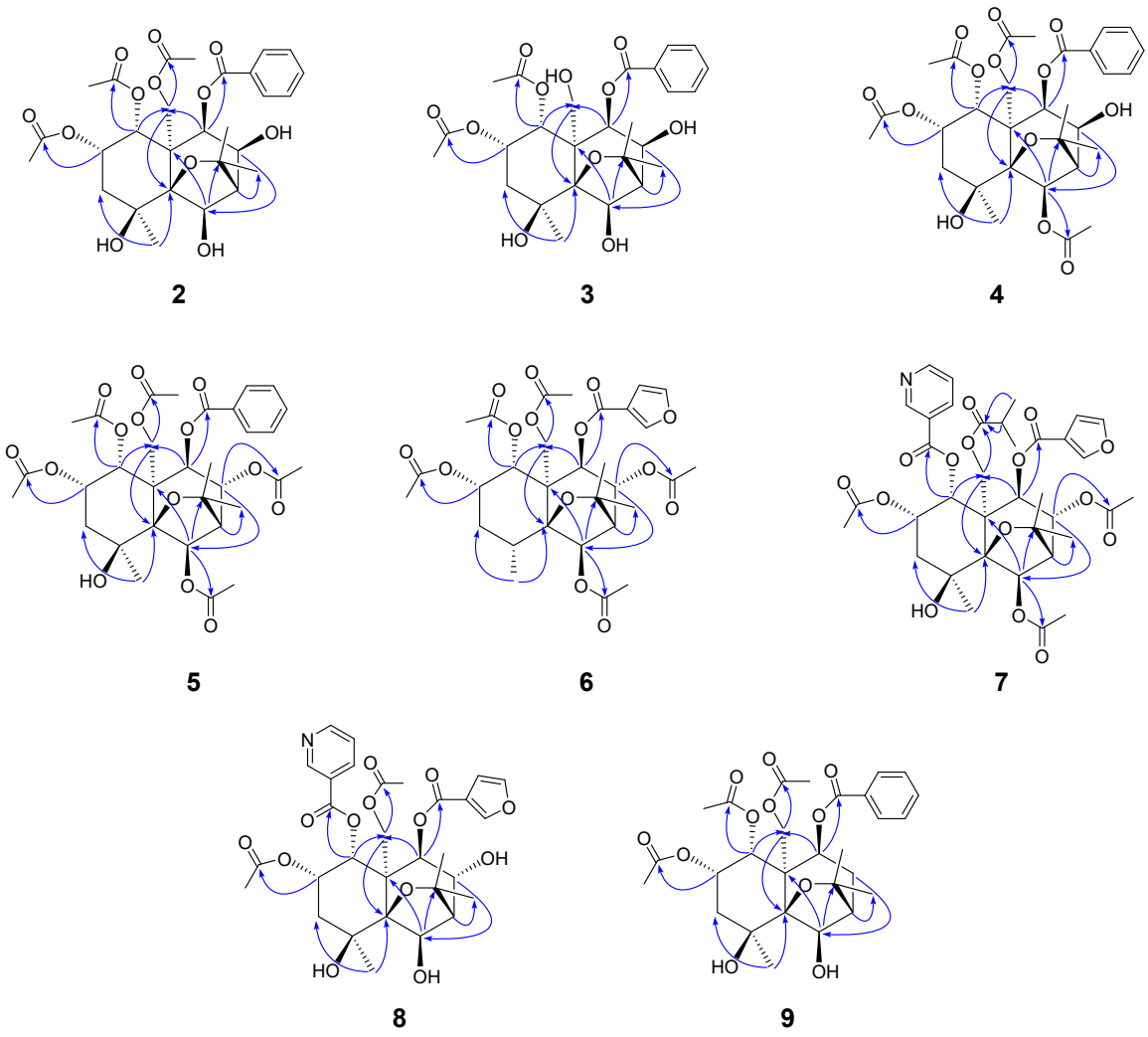


Figure S1 Key HMBC correlations of compounds **2-9**.

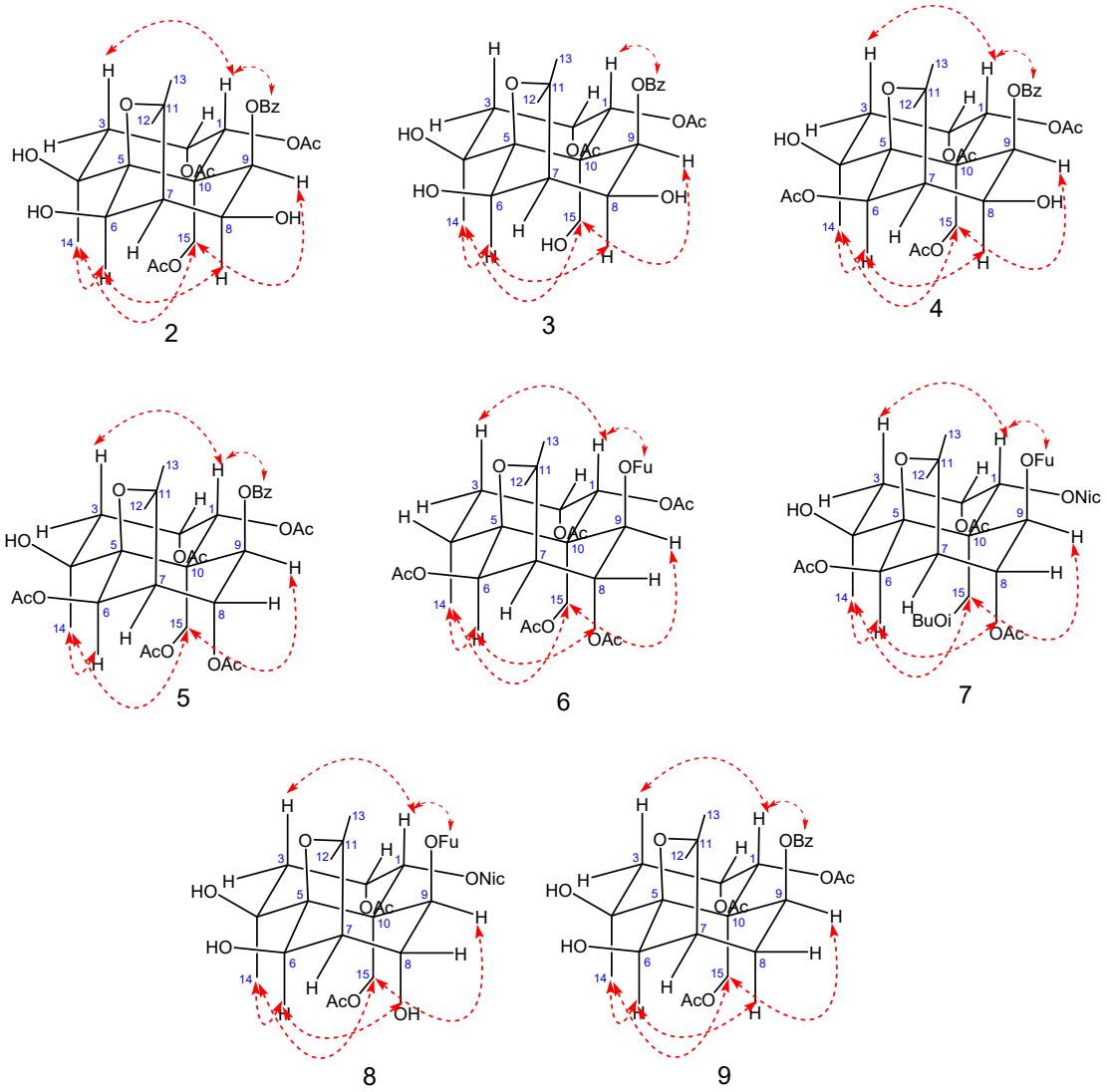


Figure S2 Key NOESY correlations of compounds **2-9**.

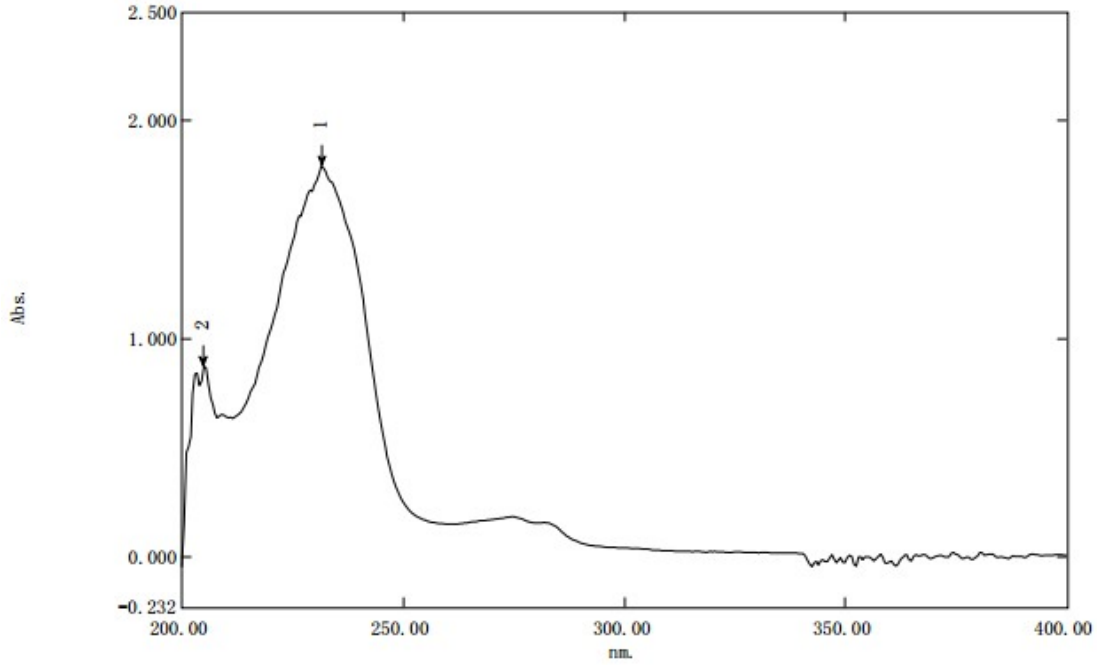
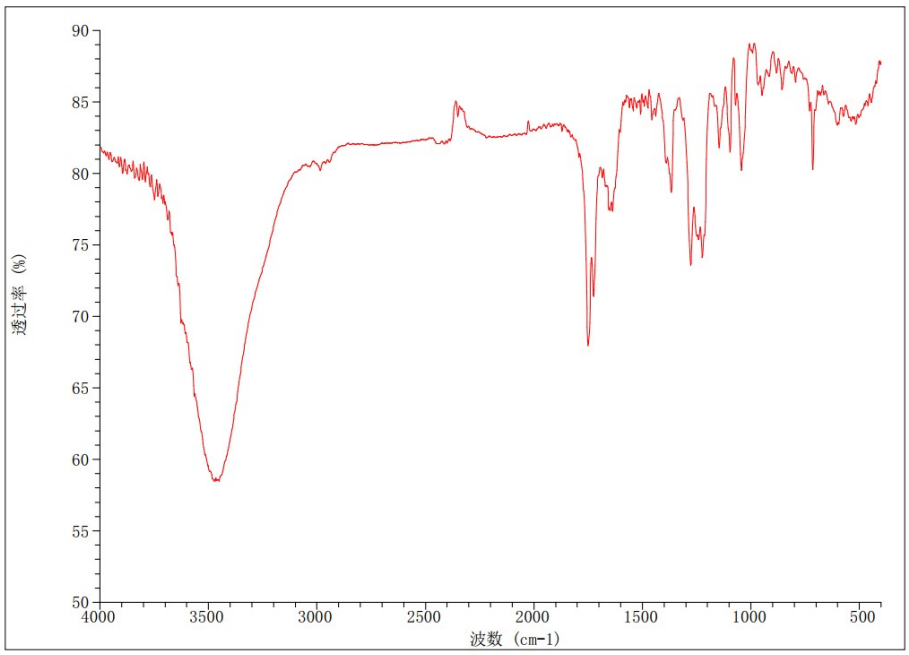


Figure S3 UV spectrum of compound **1**



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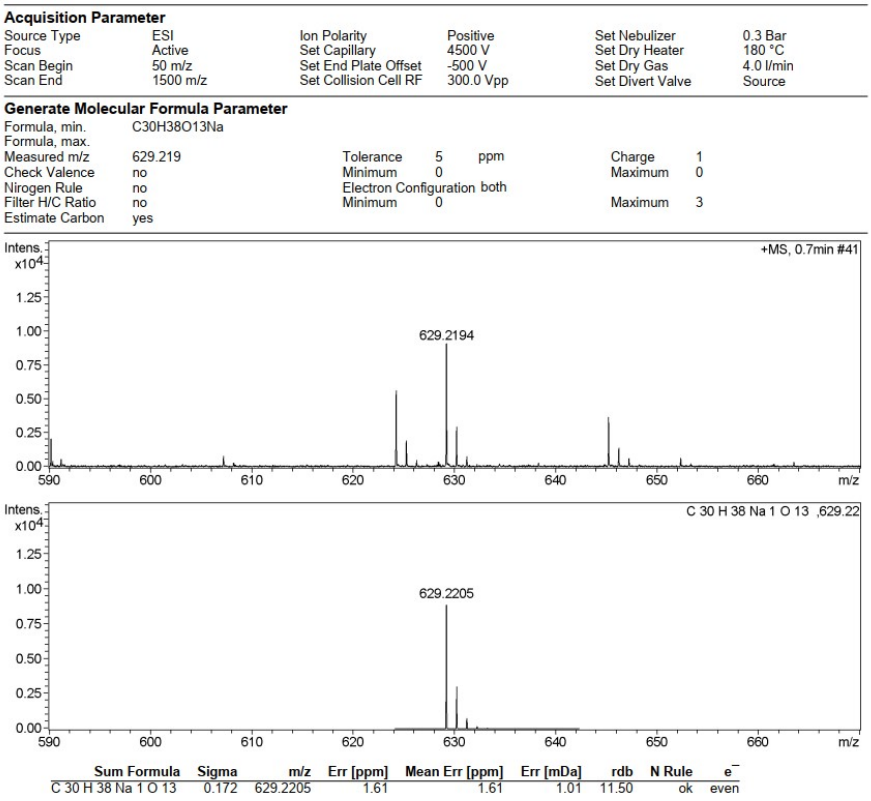

Figure S5 HRESIMS spectrum of compound **1**

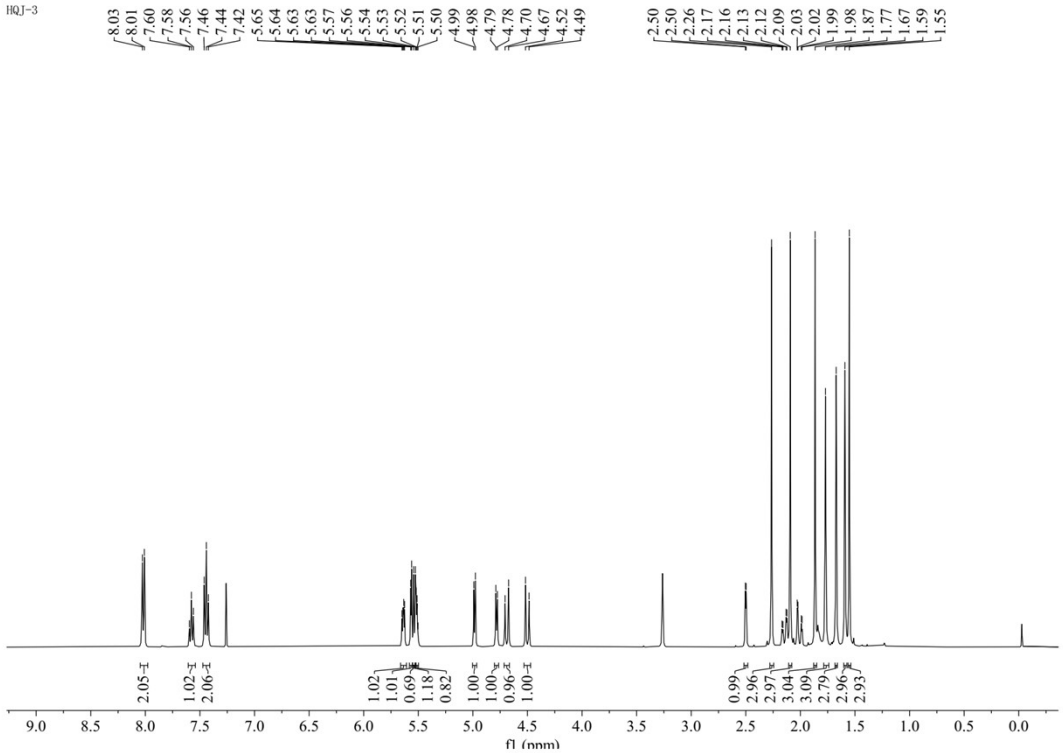

Figure S6 ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **1**

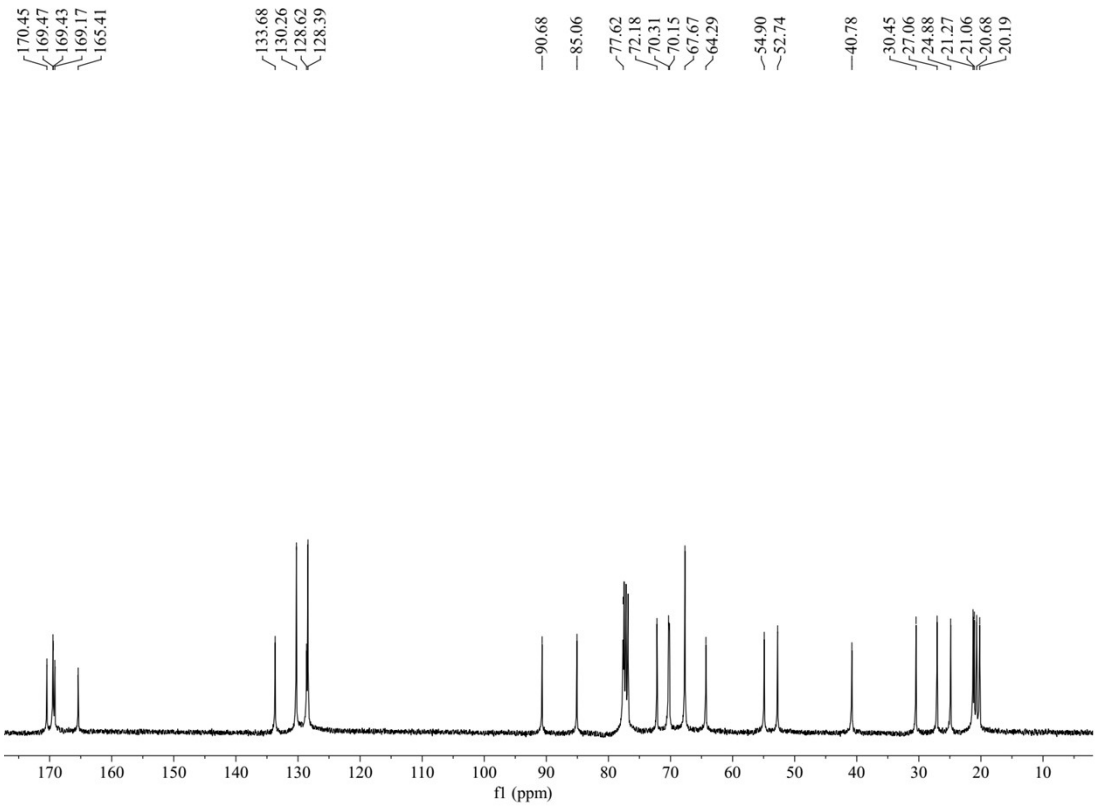

Figure S7 ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **1**

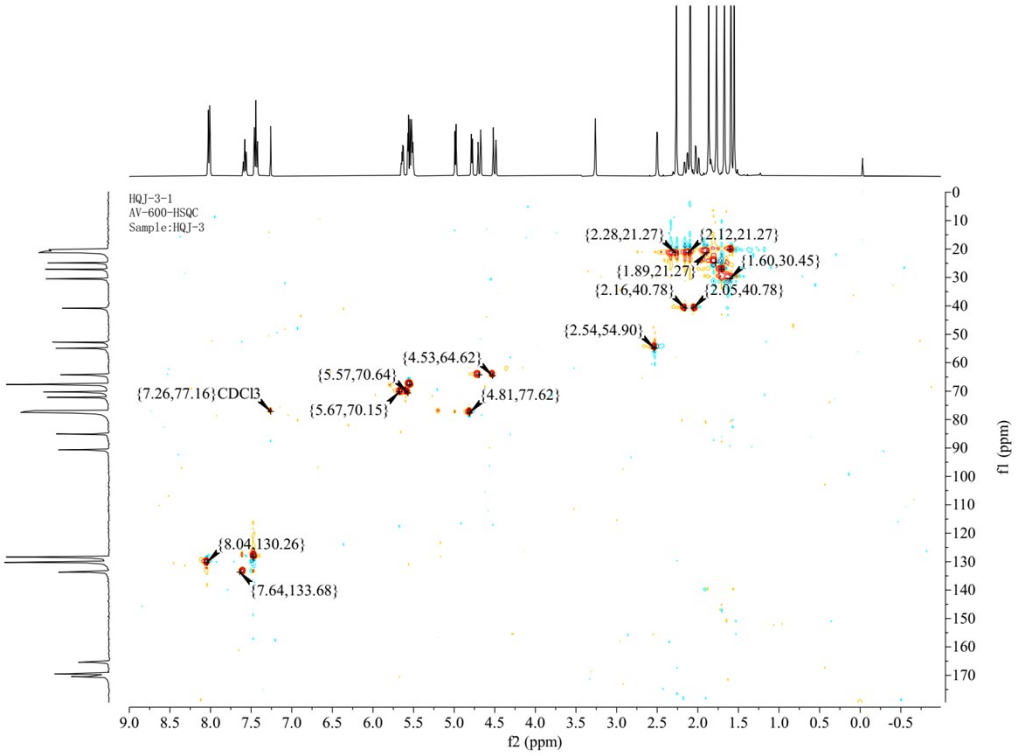

Figure S8 HSQC spectrum (600 MHz, $CDCl_3$) of compound **1**

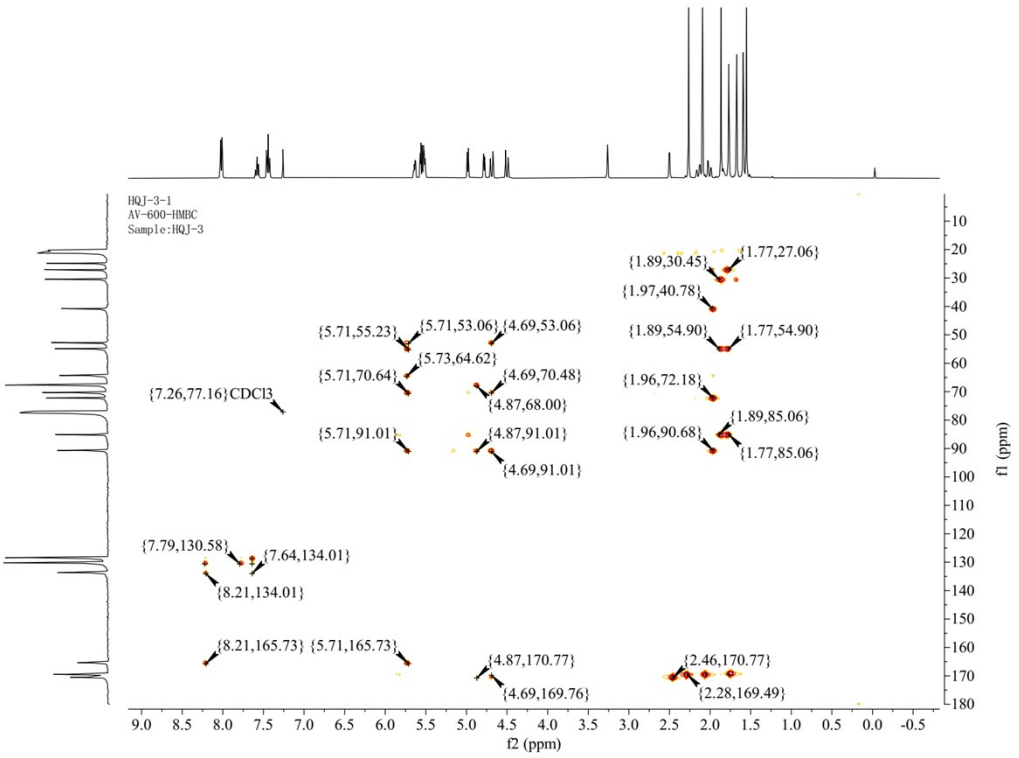

Figure S9 HMBC spectrum (600 MHz, $CDCl_3$) of compound **1**

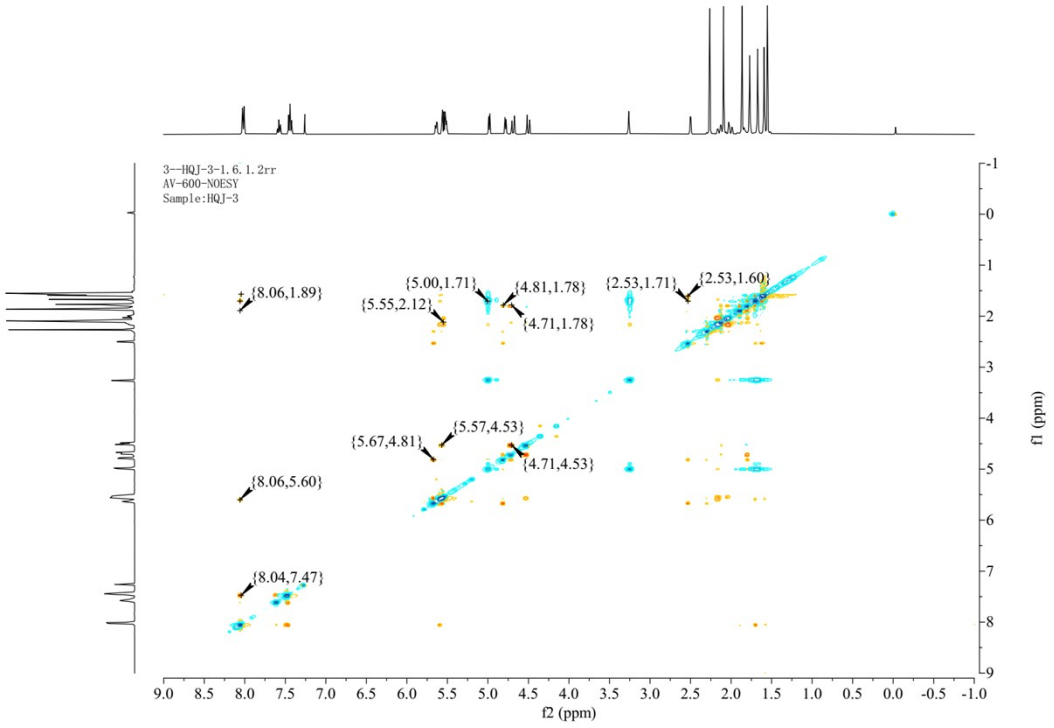

Figure S10 NOESY spectrum (600 MHz, $CDCl_3$) of compound **1**

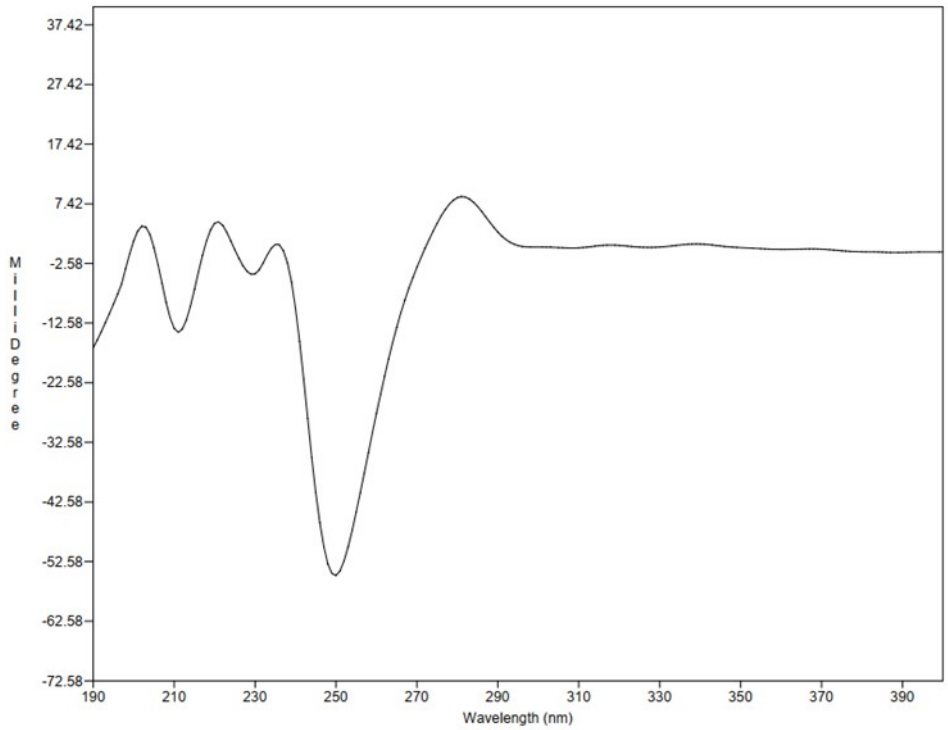

Figure S11 Experimental ECD spectrum of compound **1**

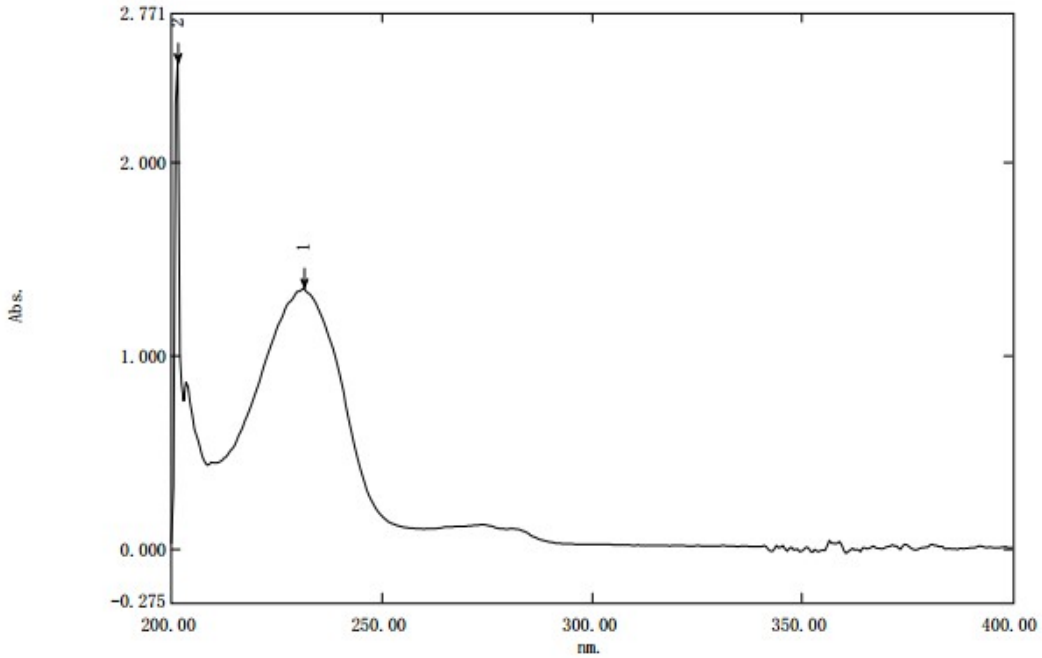

Figure S12 UV spectrum of compound **2**

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	1500 m/z	Set Collision Cell RF	400.0 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		

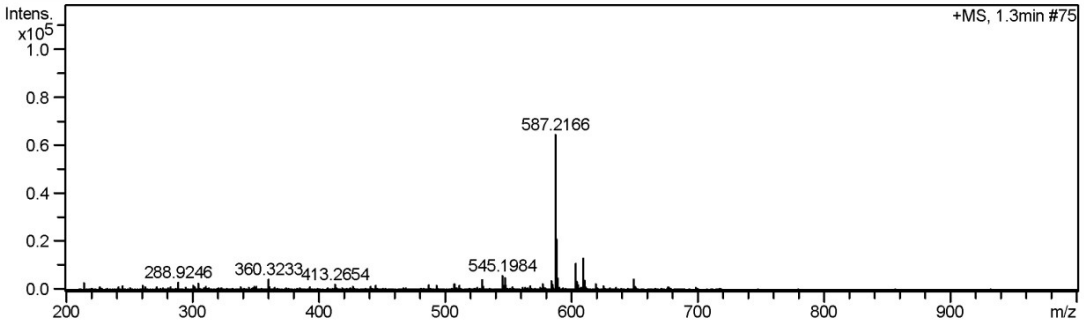

Figure S13 HRESIMS spectrum of compound **2**

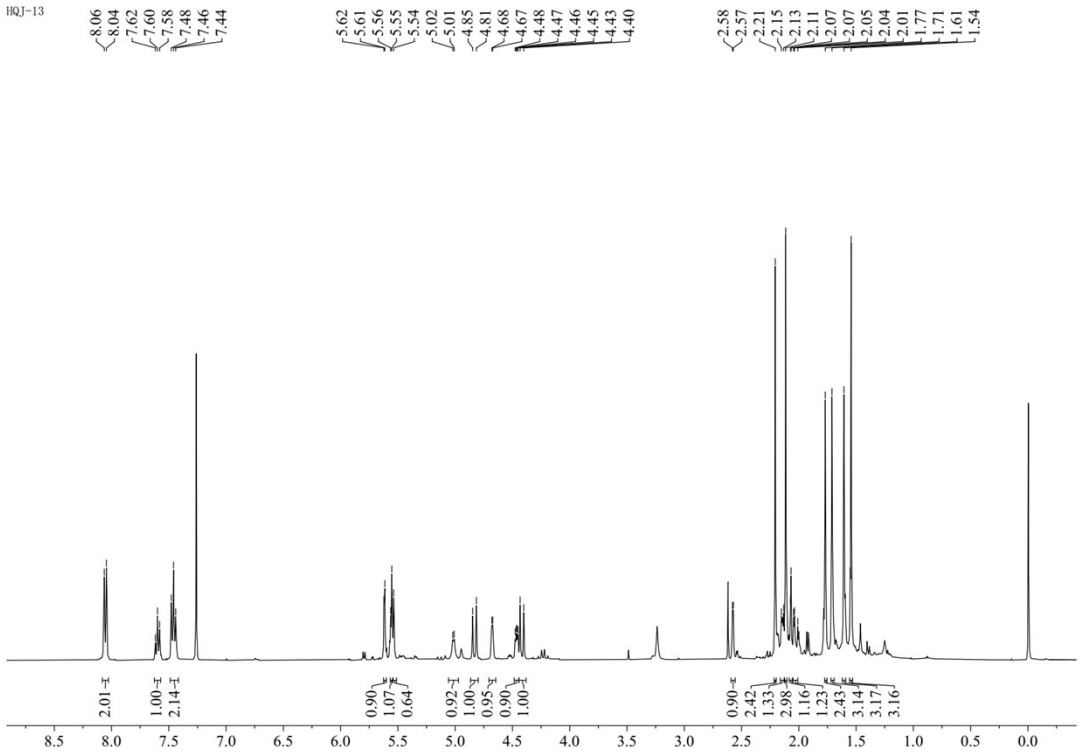

Figure S14 ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **2**

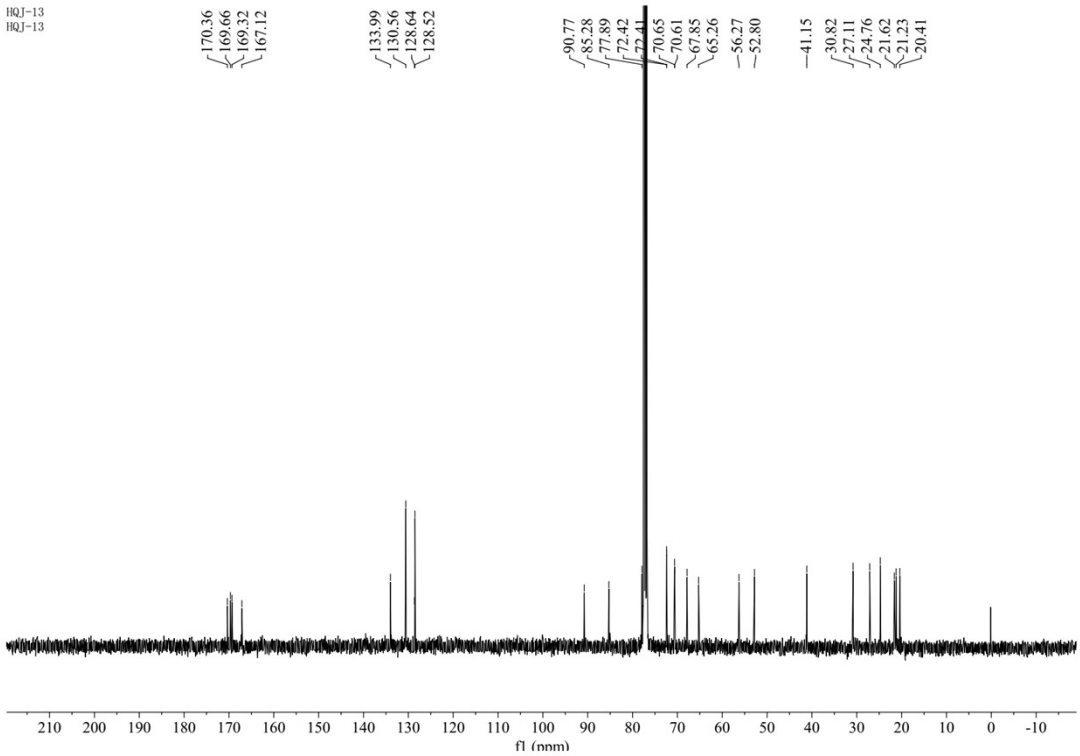

Figure S15 ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **2**

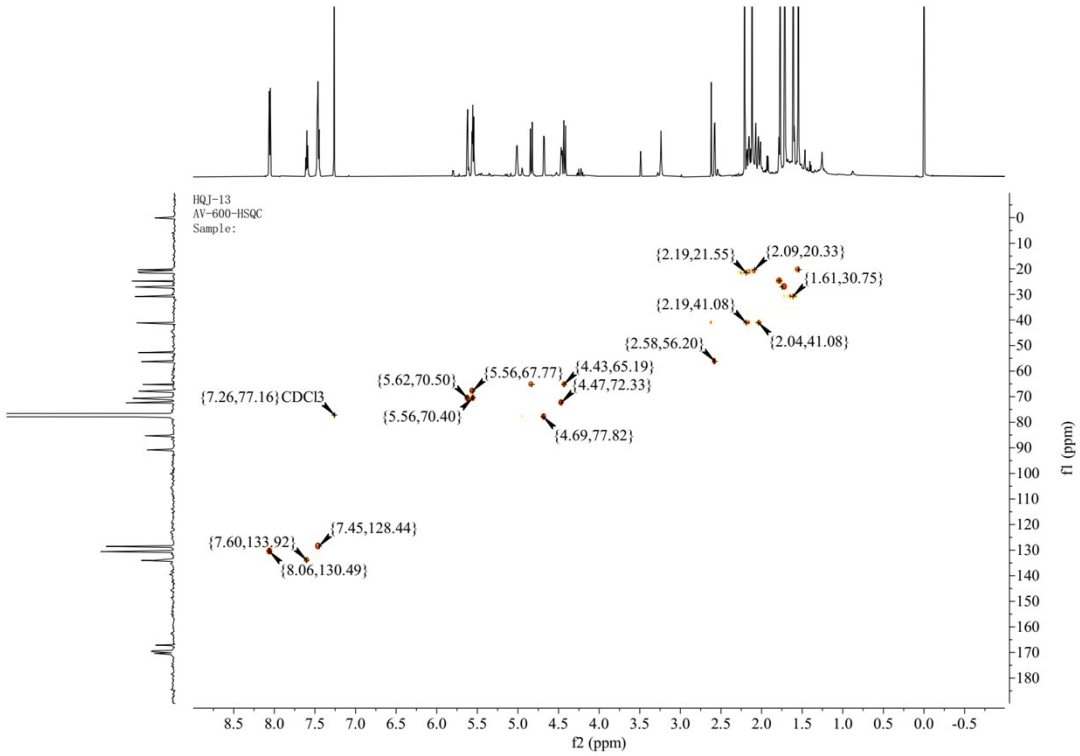

Figure S16 HSQC spectrum (600 MHz, $CDCl_3$) of compound **2**

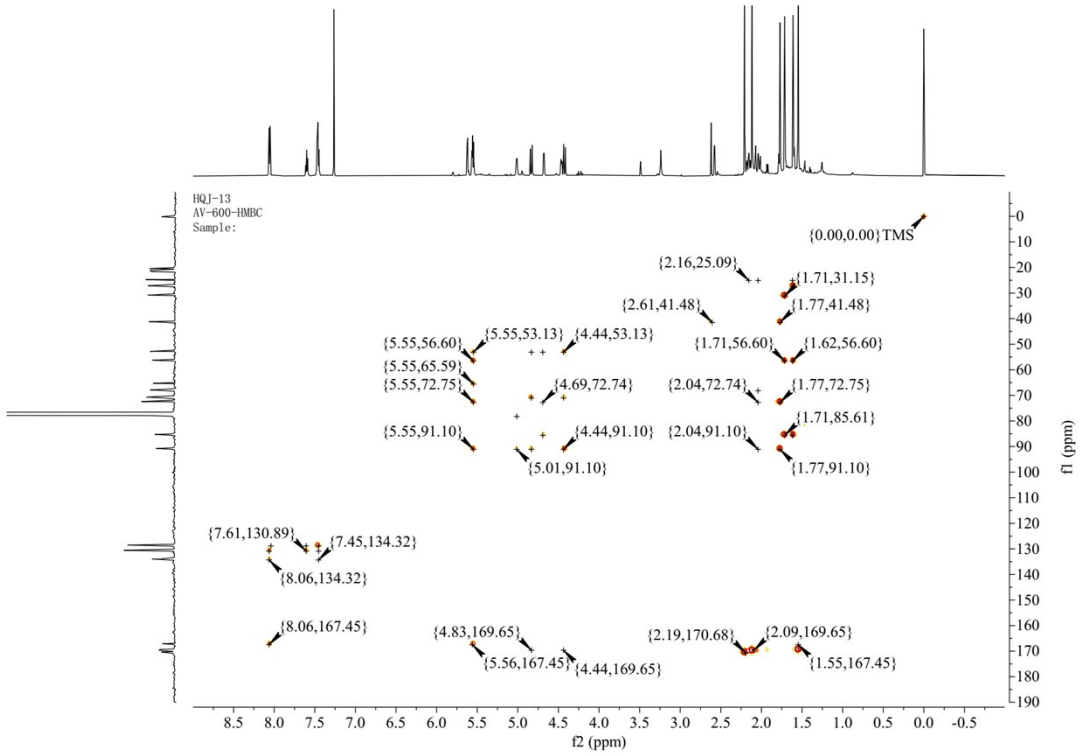

Figure S17 HMBC spectrum (600 MHz, $CDCl_3$) of compound **2**

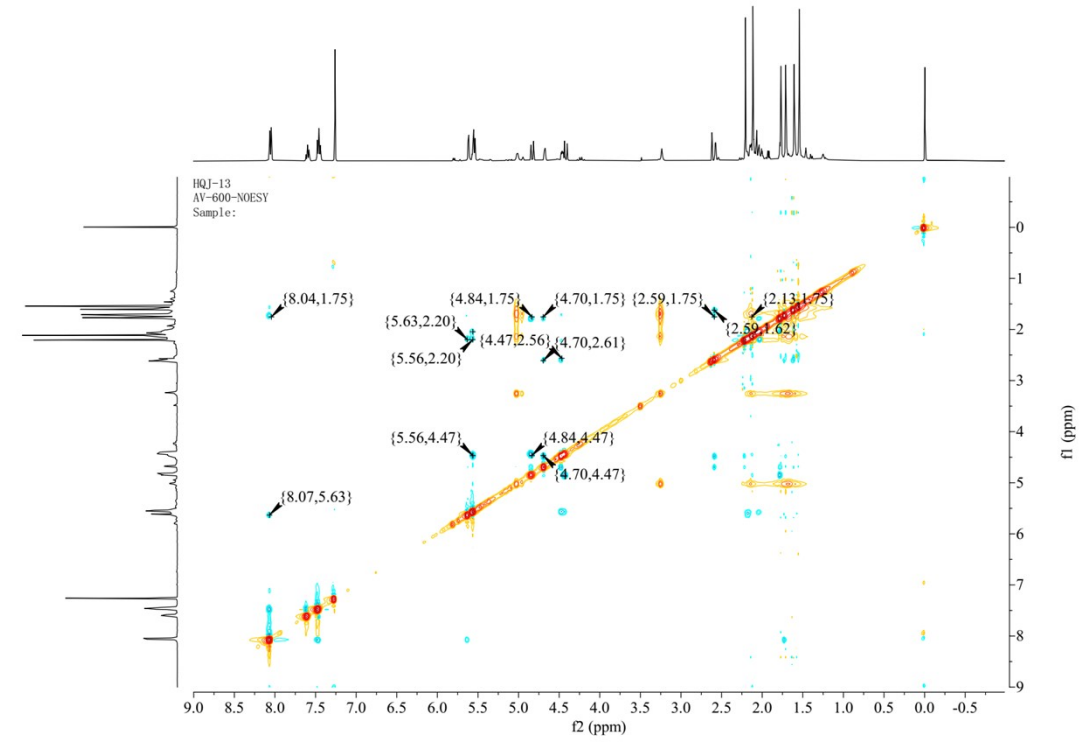

Figure S18 NOESY spectrum (600 MHz, $CDCl_3$) of compound **2**

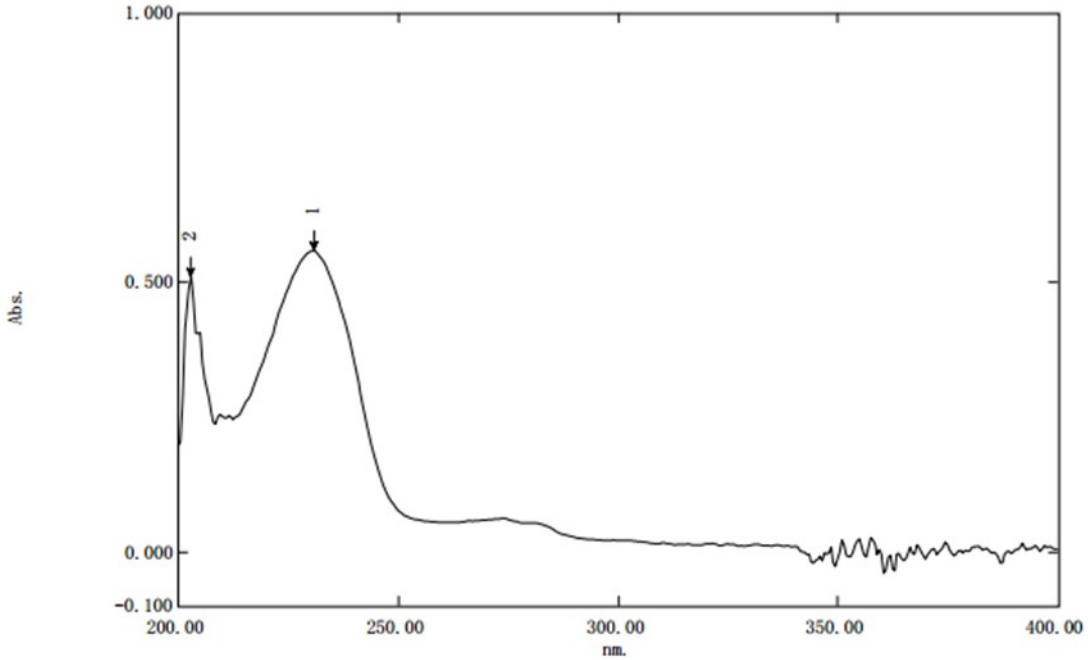

Figure S19 Experimental ECD spectrum of compound **2**

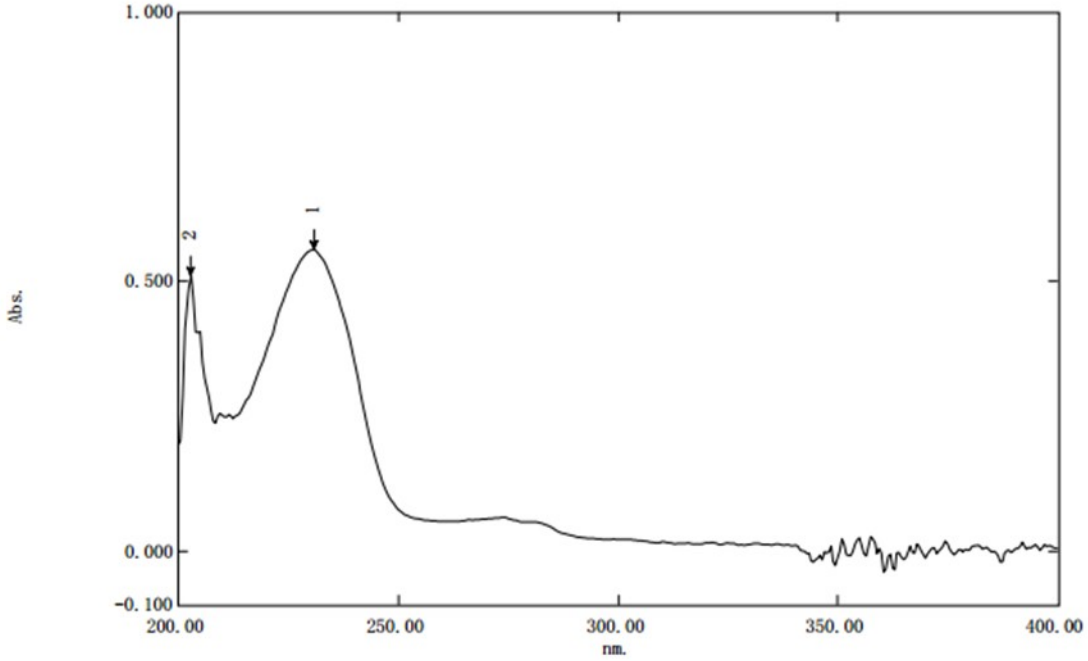

Figure S20 UV spectrum of compound **3**

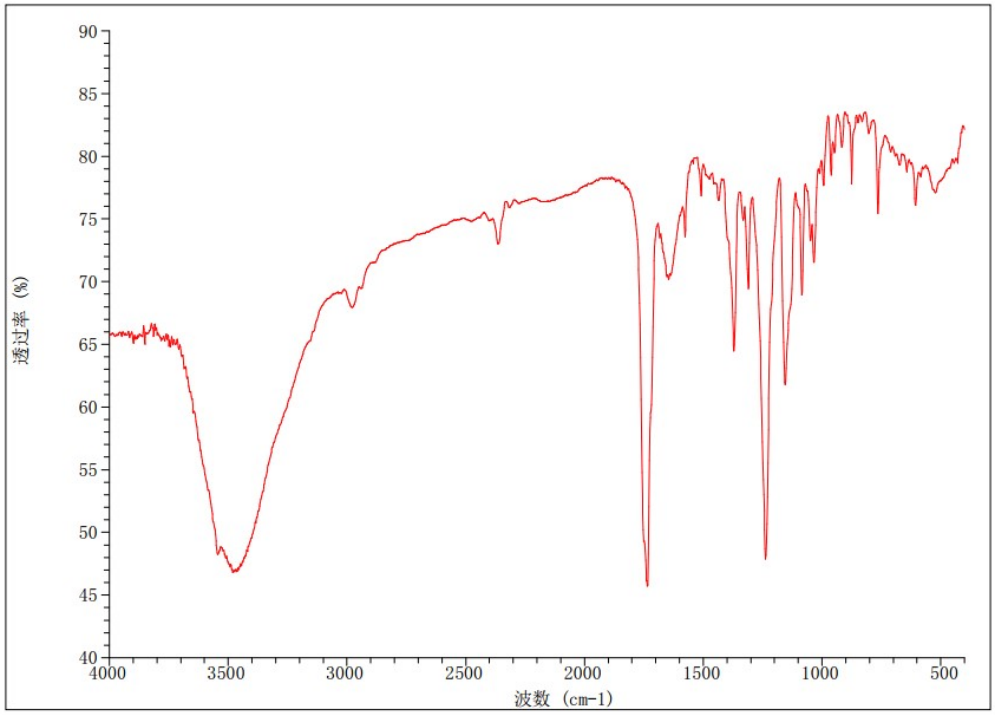

Figure S21 IR spectrum of compound **3**

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	1500 m/z	Set Collision Cell RF	400.0 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		

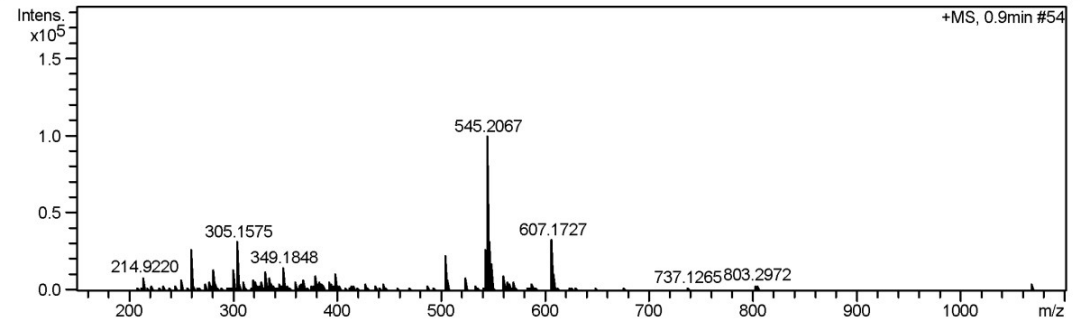

Figure S22 HRESIMS spectrum of compound **3**

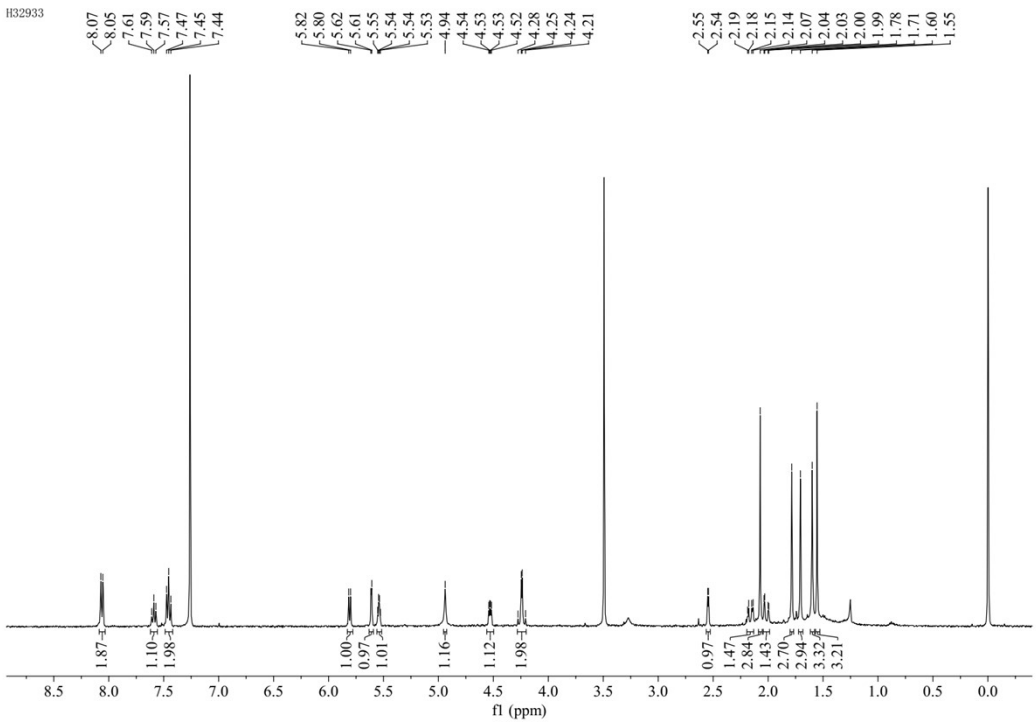

Figure S23 ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **3**

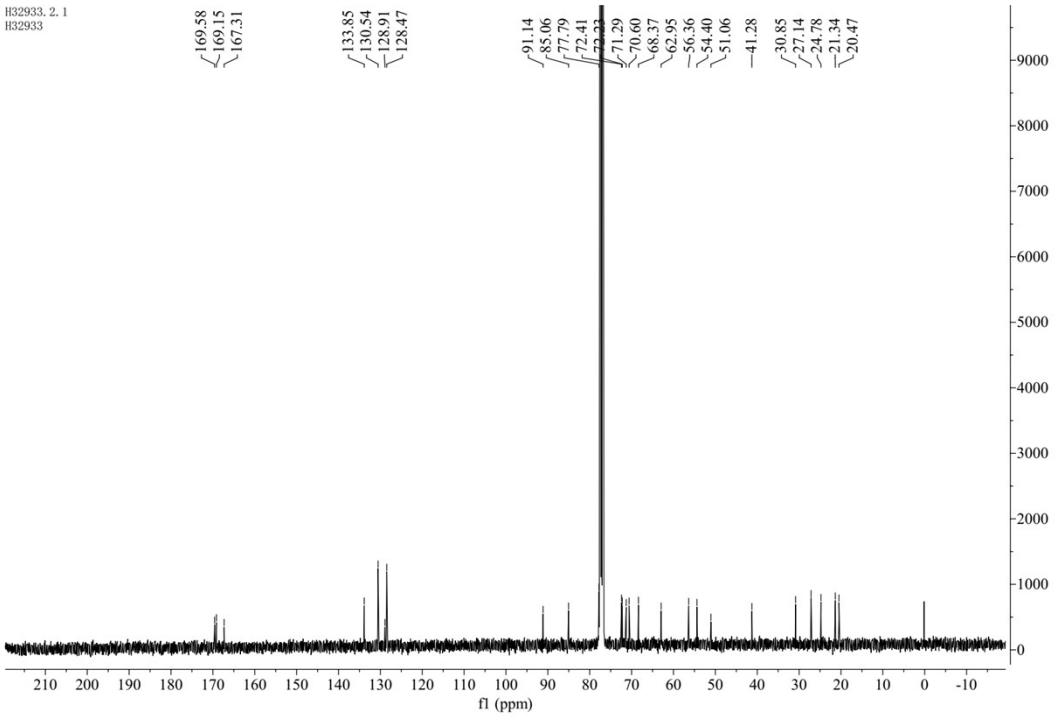

Figure S24 ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **3**

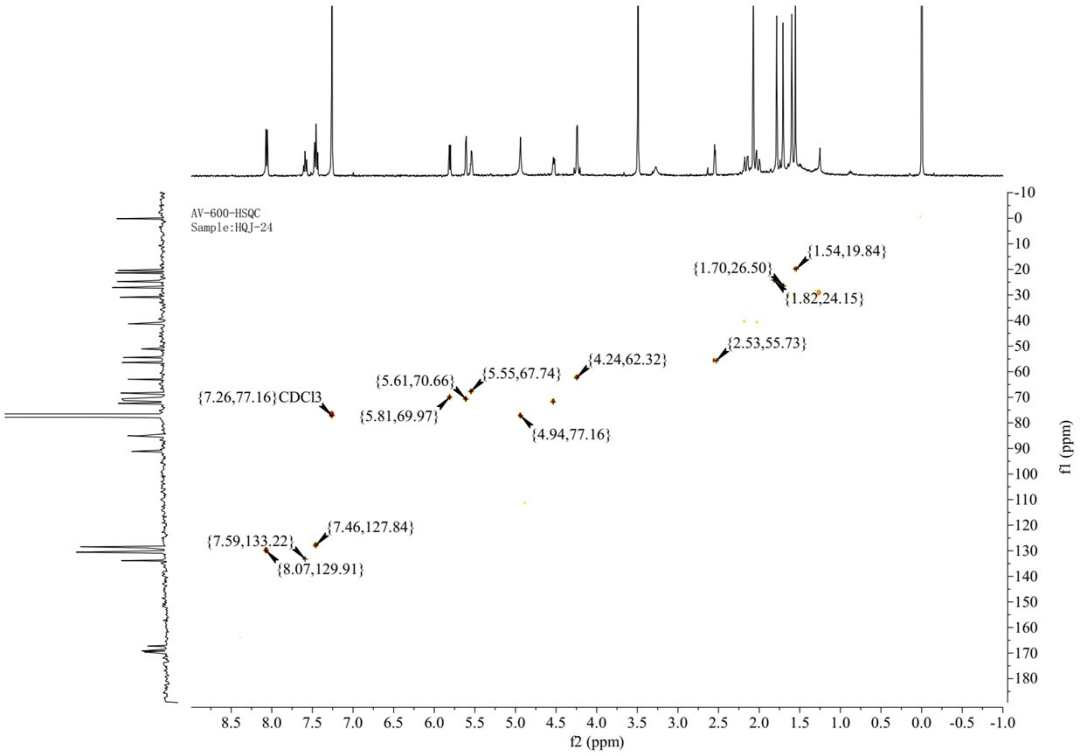

Figure S25 HSQC spectrum (600 MHz, $CDCl_3$) of compound **3**

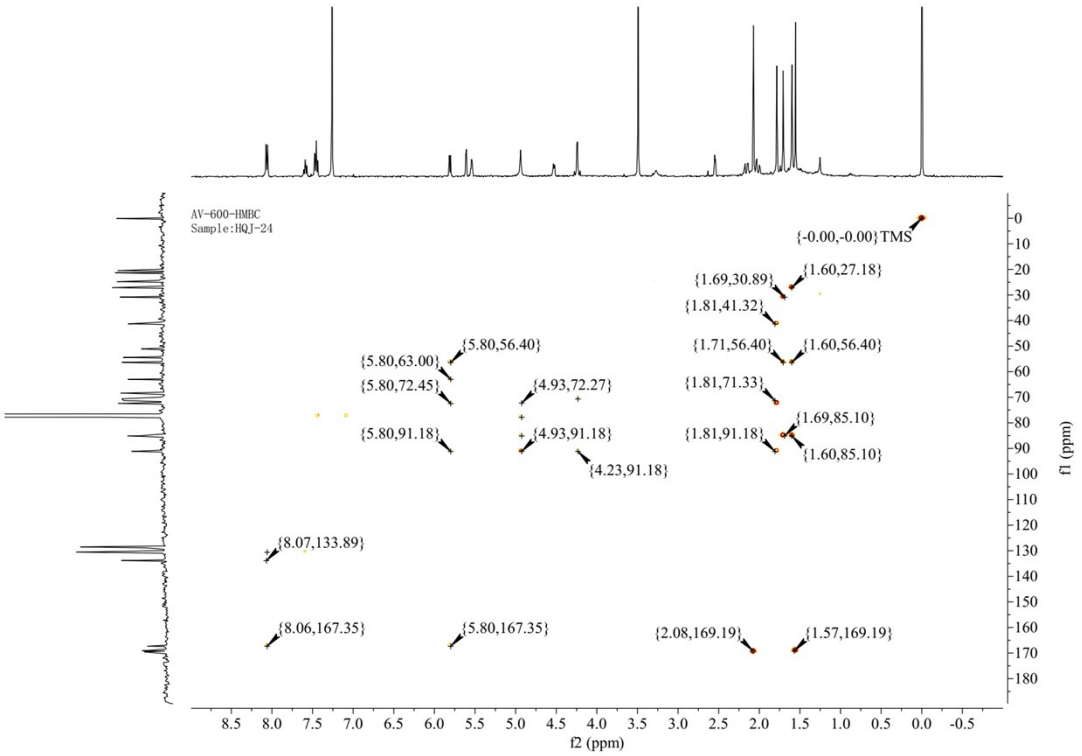

Figure S26 HMBC spectrum (600 MHz, $CDCl_3$) of compound **3**

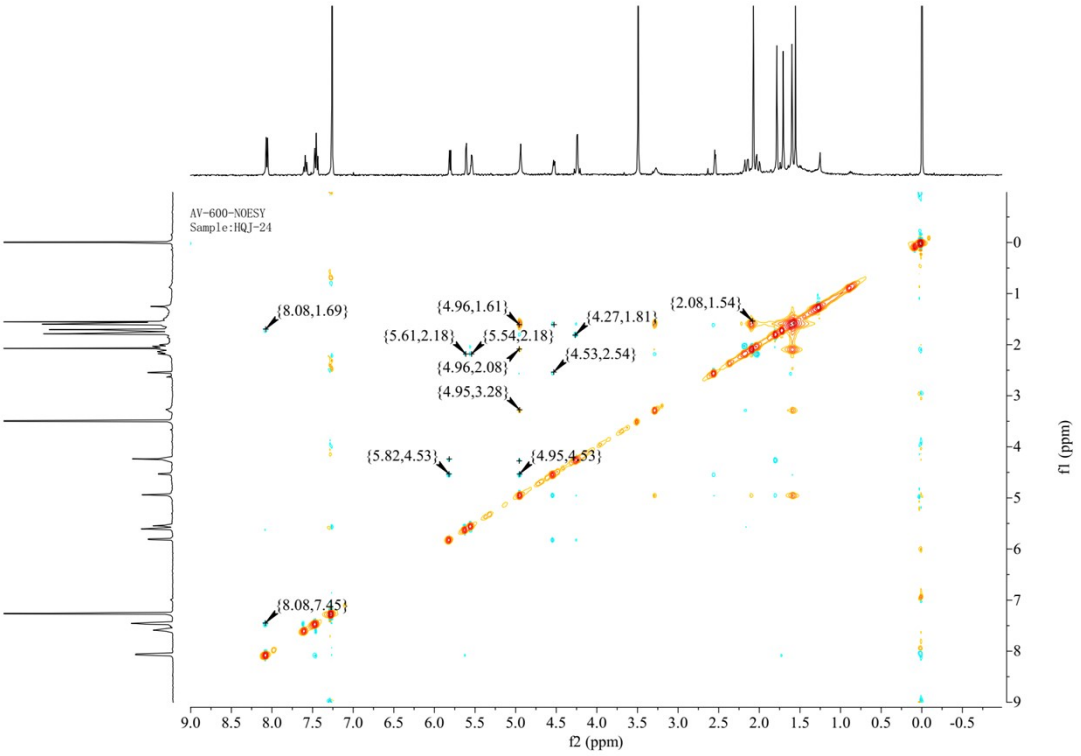

Figure S27 NOESY spectrum (600 MHz, $CDCl_3$) of compound **3**

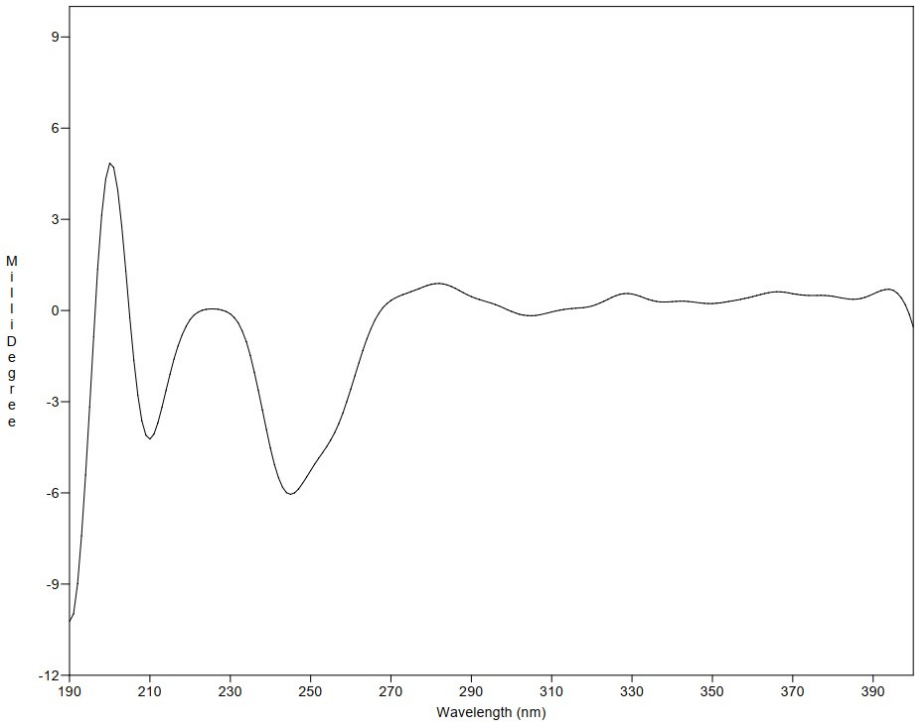

Figure S28 Experimental ECD spectrum of compound **3**

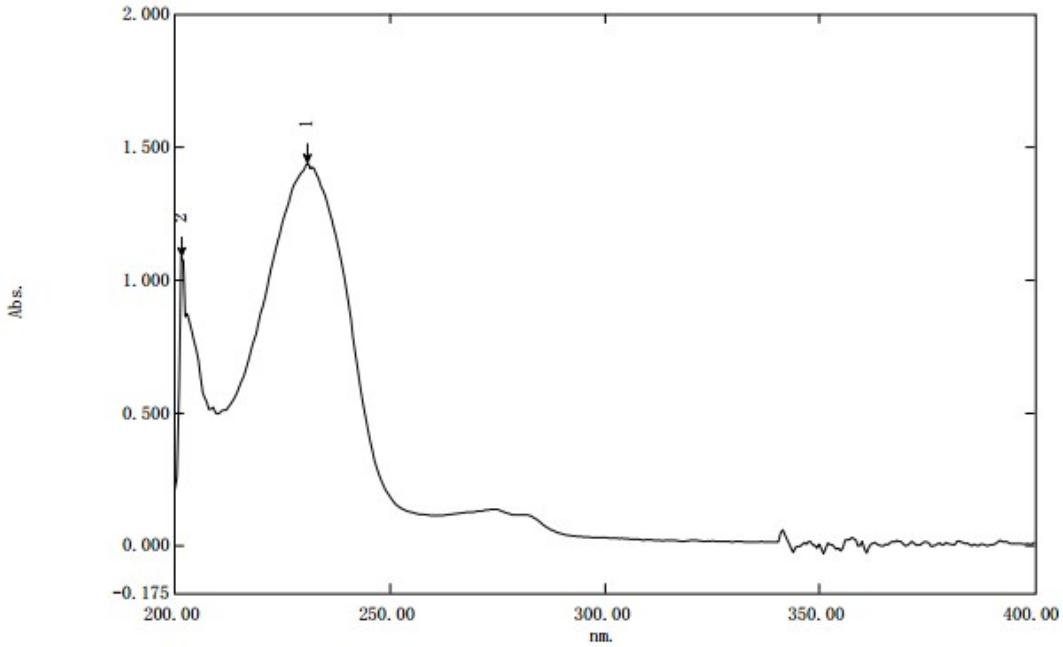

Figure S29 UV spectrum of compound **4**

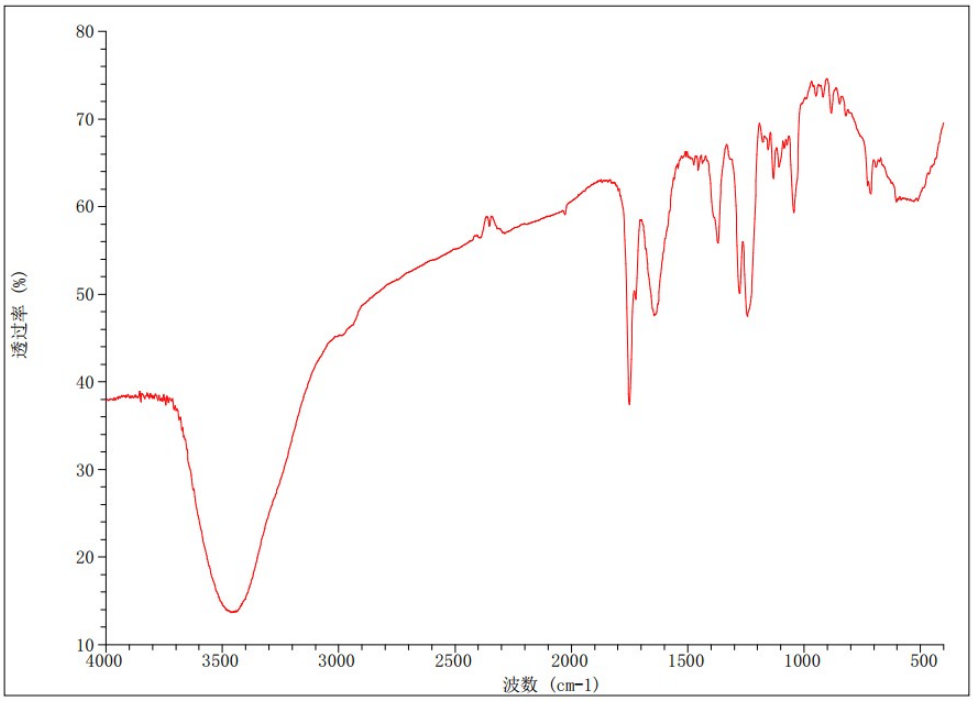

Figure S30 IR spectrum of compound **4**

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	1500 m/z	Set Collision Cell RF	300.0 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		

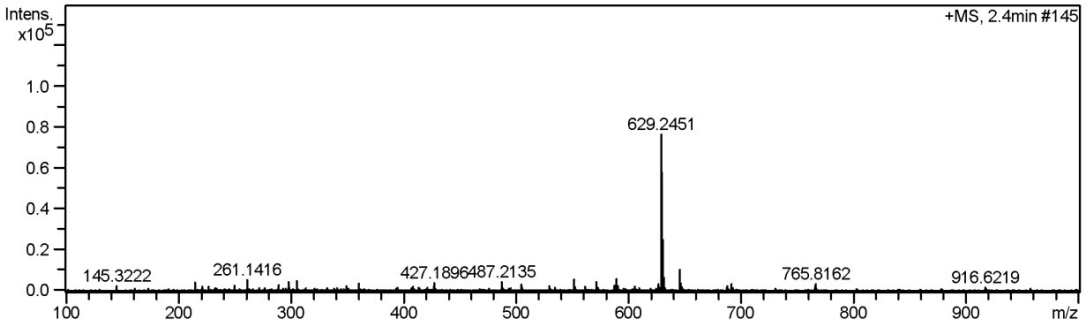

Figure S31 HRESIMS spectrum of compound **4**

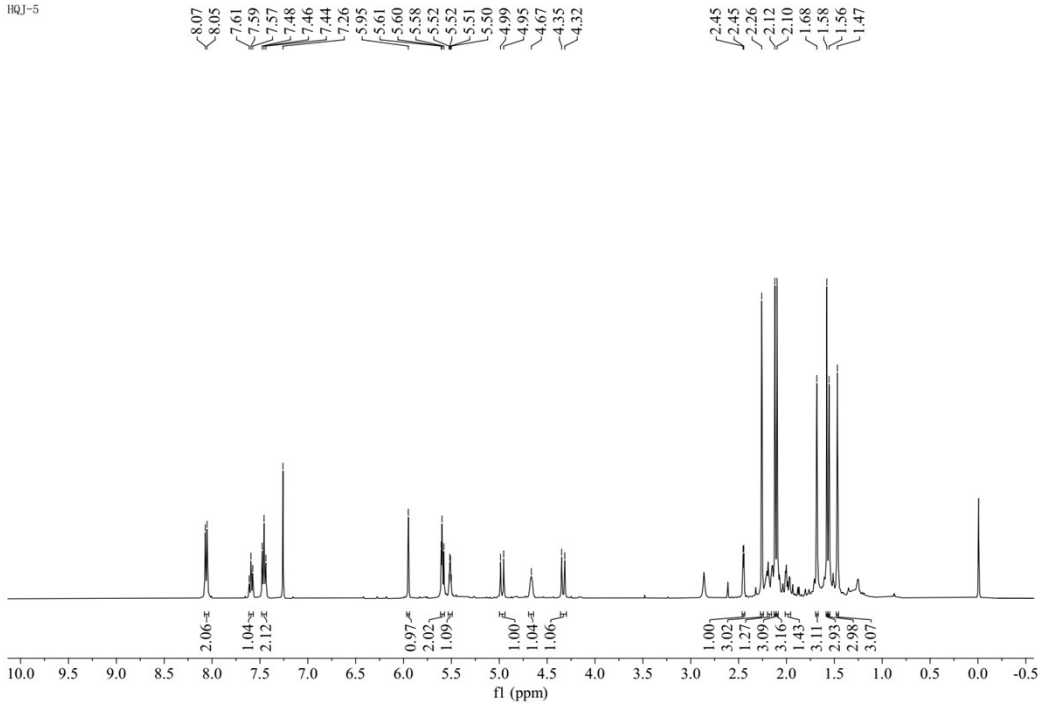

Figure S32 ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **4**

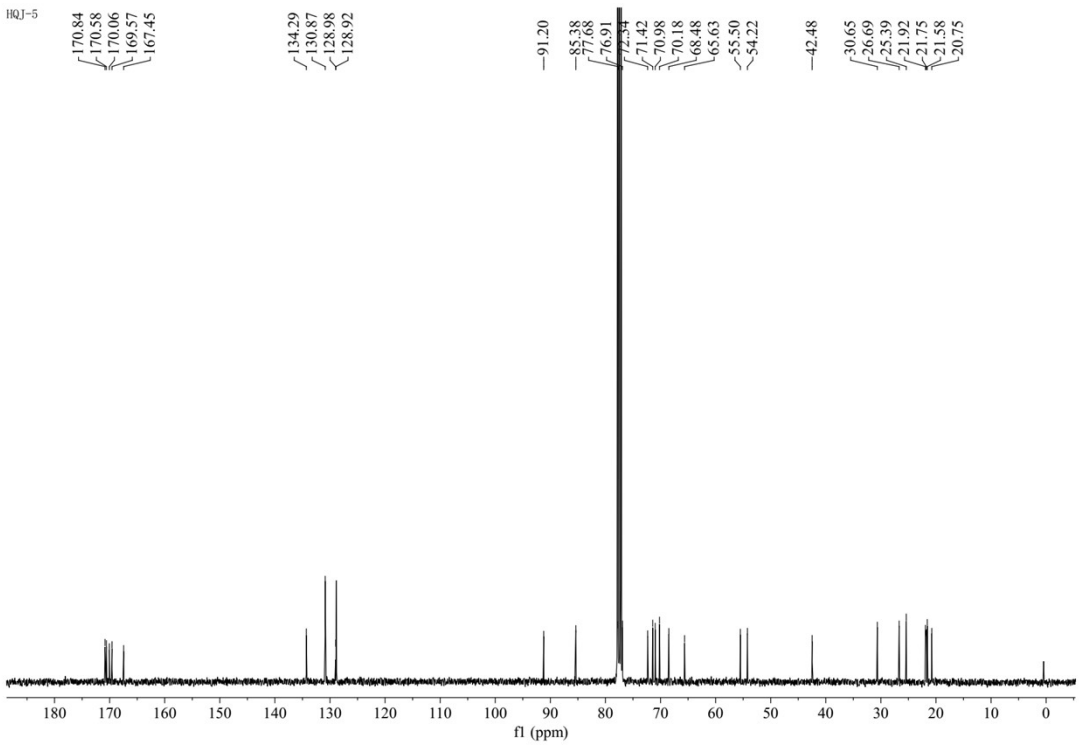

Figure S33 ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **4**

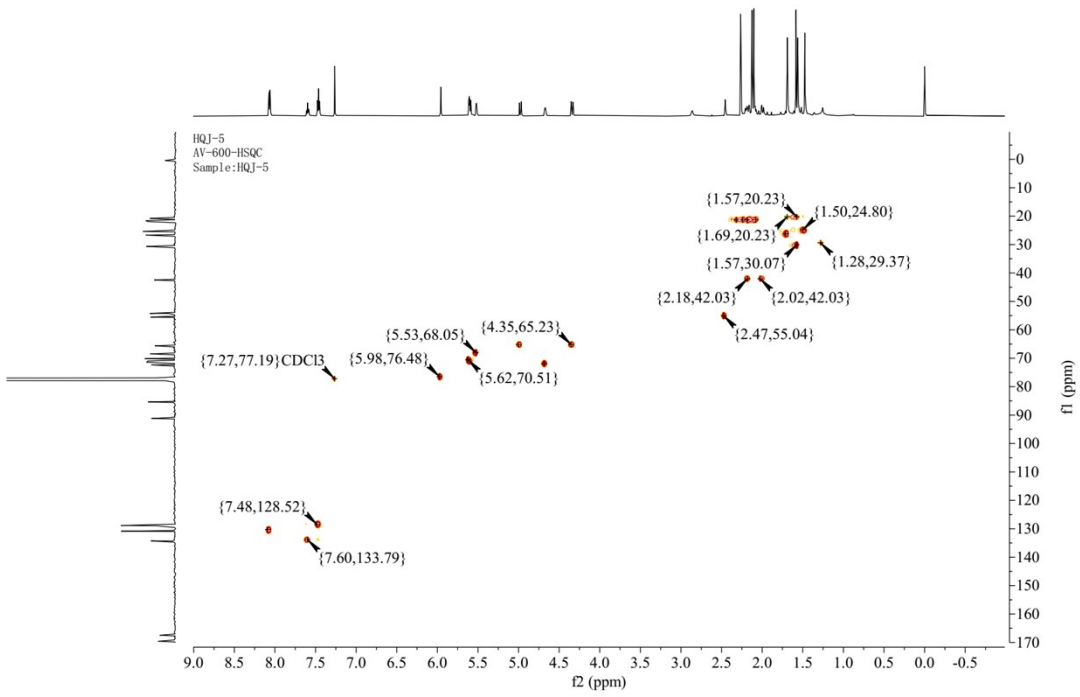

Figure S34 HSQC spectrum (600 MHz, $CDCl_3$) of compound **4**

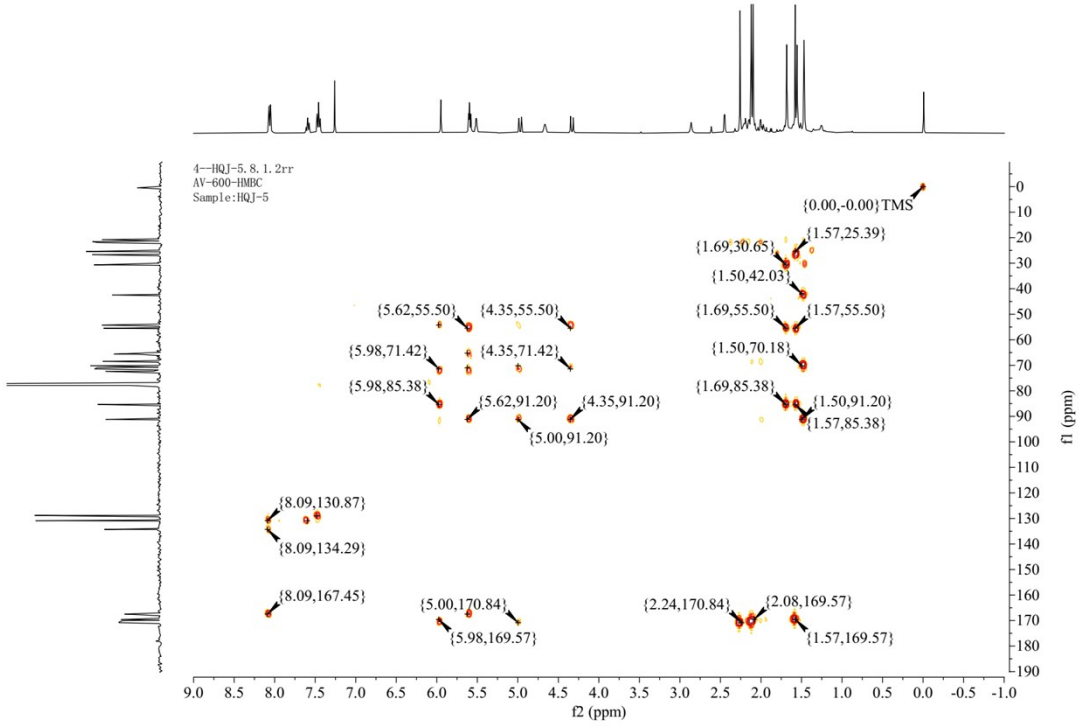

Figure S35 HMBC spectrum (600 MHz, $CDCl_3$) of compound **4**

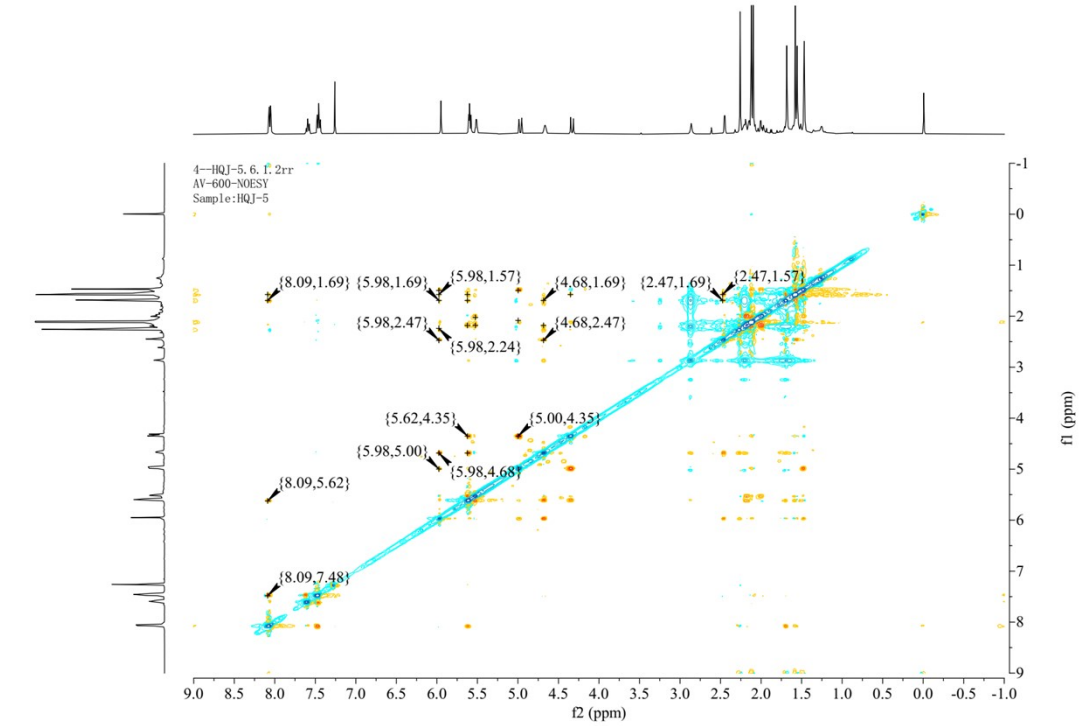

Figure S36 NOESY spectrum (600 MHz, $CDCl_3$) of compound **4**

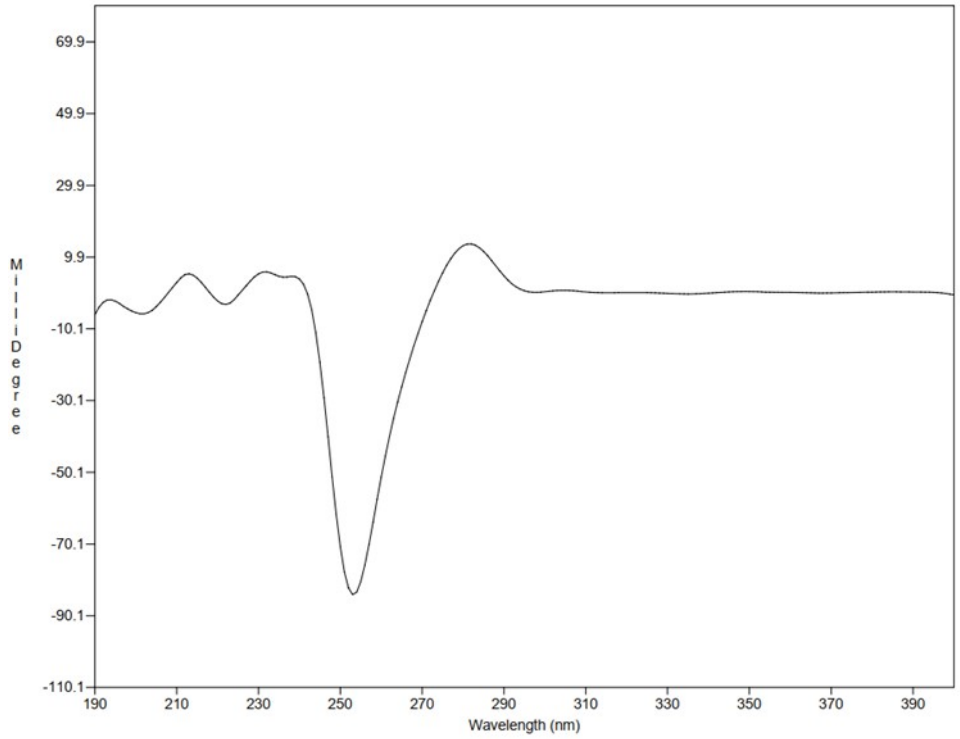

Figure S37 Experimental ECD spectrum of compound **4**

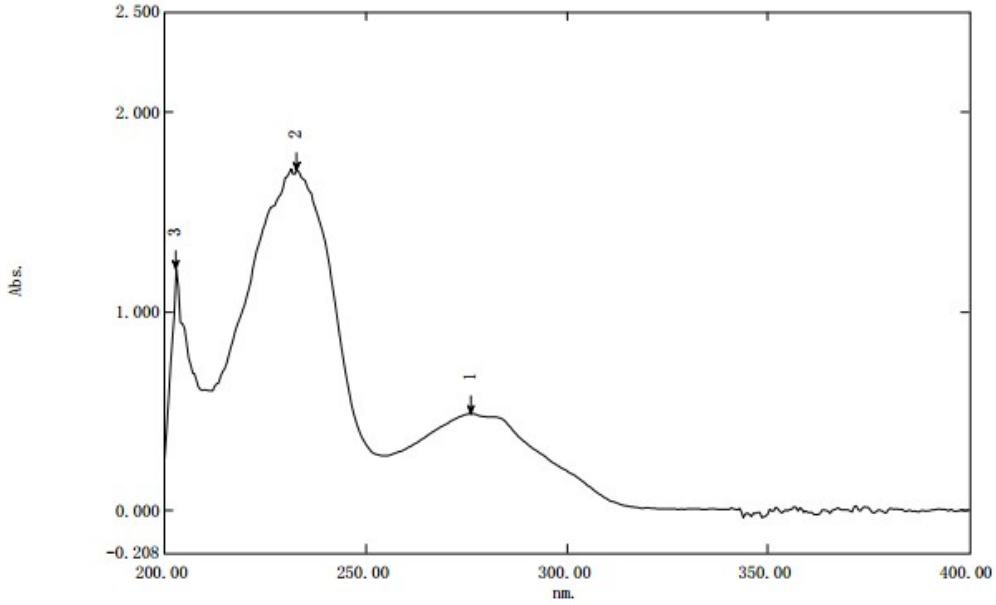

Figure S38 UV spectrum of compound **5**

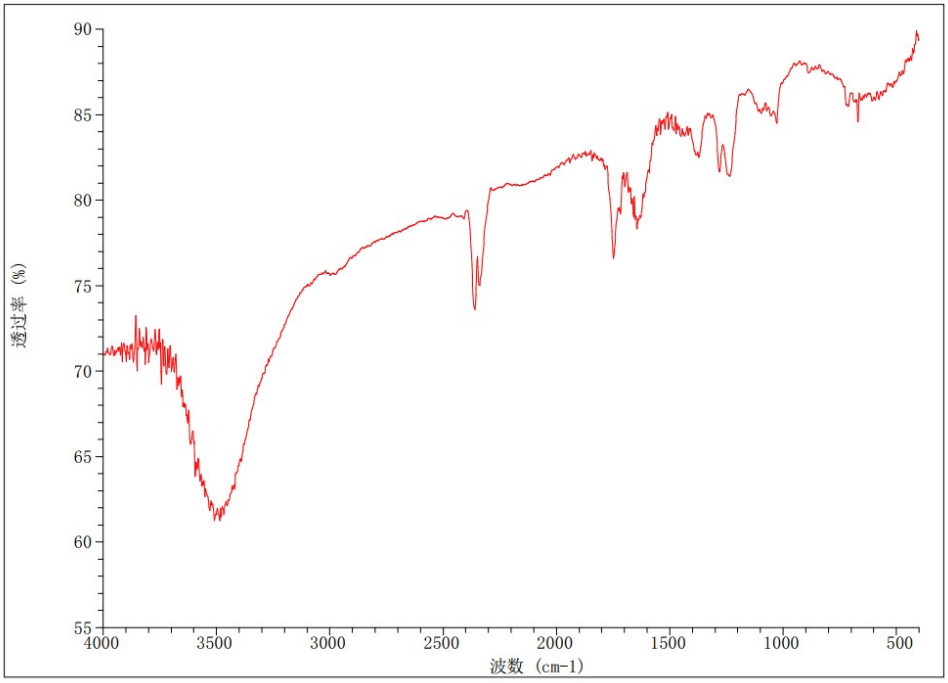

Figure S39 IR spectrum of compound **5**

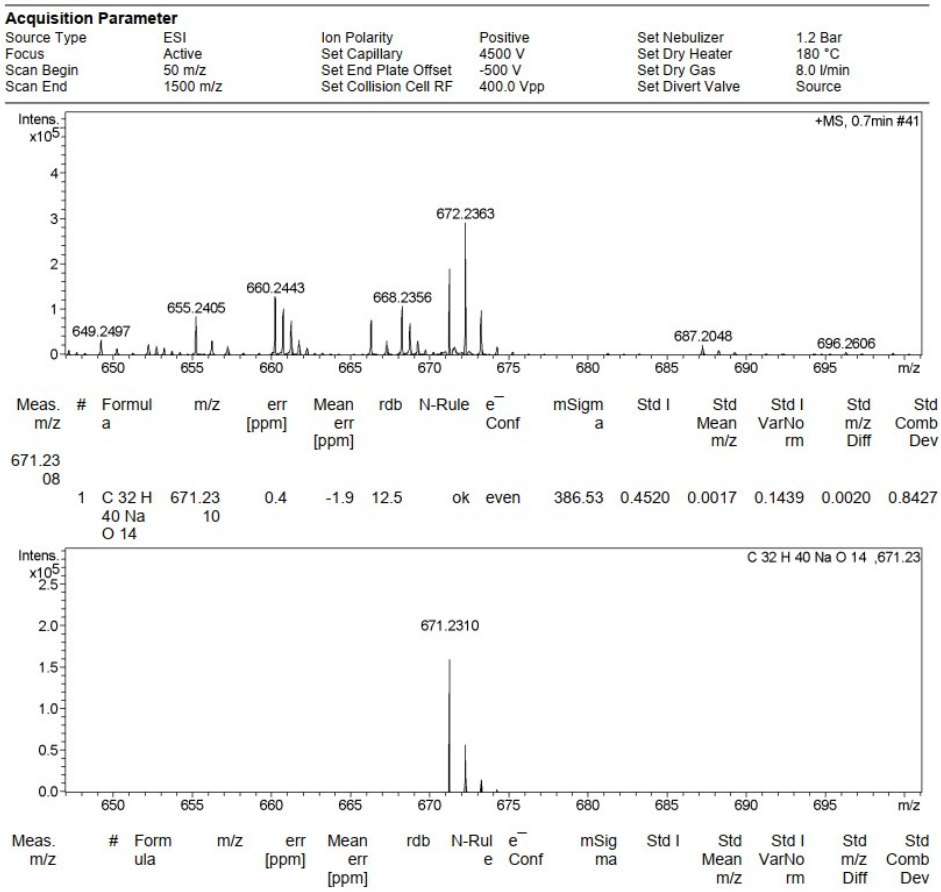

Figure S40 HRESIMS spectrum of compound **5**

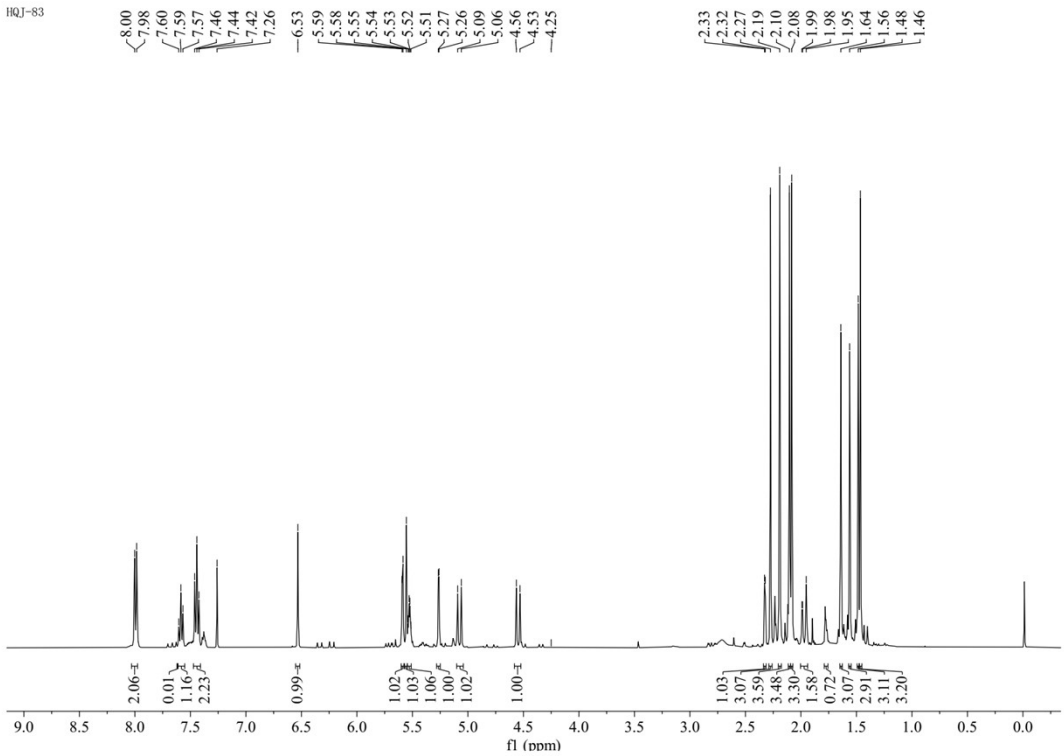

Figure S41 ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **5**

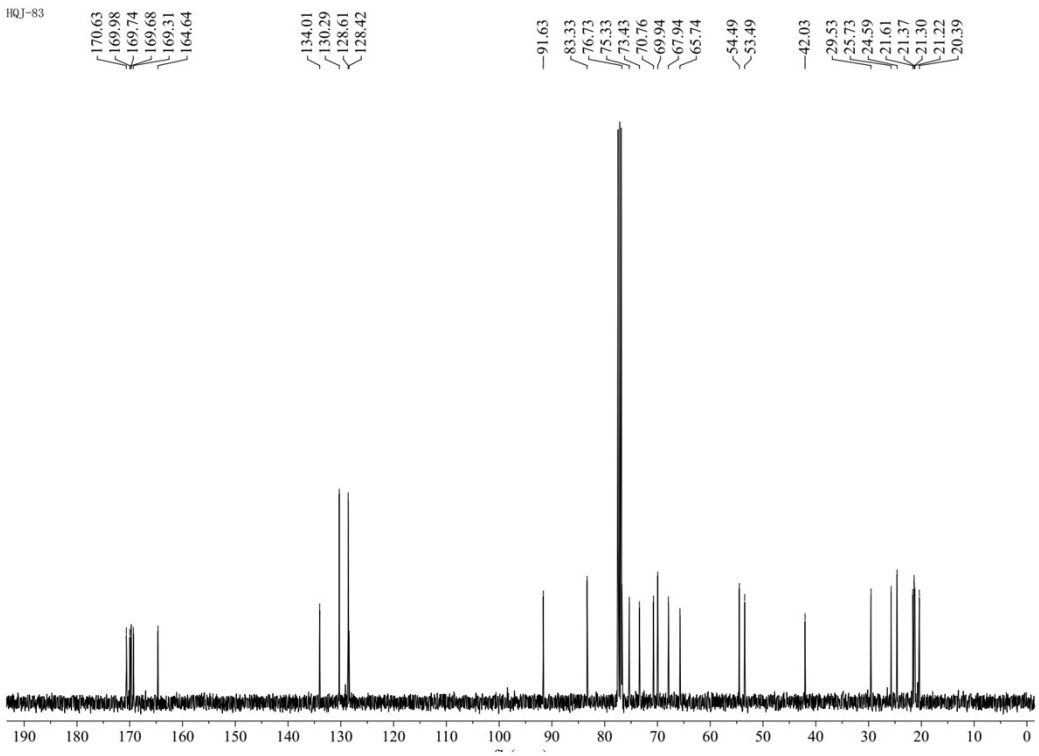

Figure S42 ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **5**

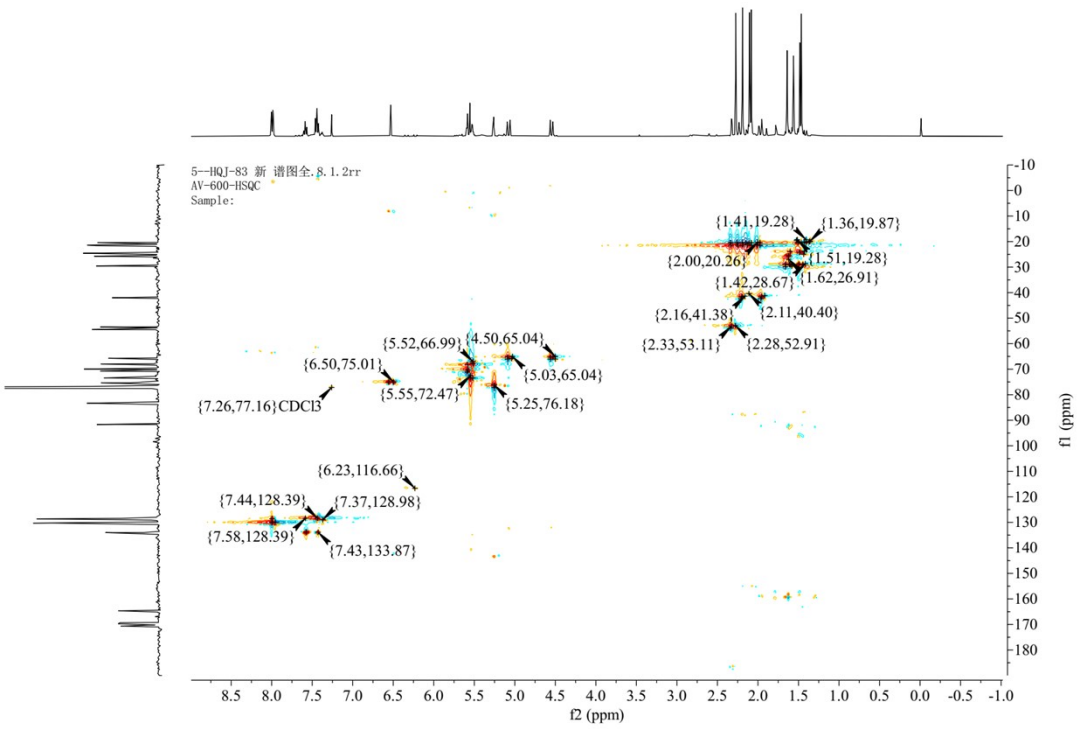

Figure S43 HSQC spectrum (600 MHz, $CDCl_3$) of compound **5**

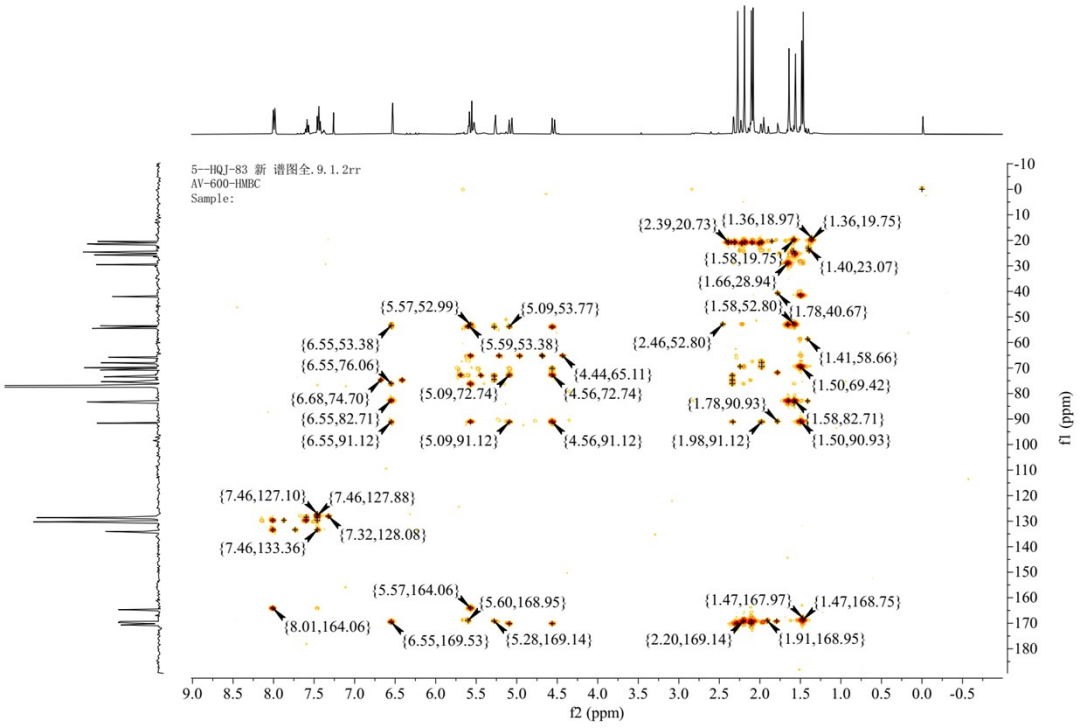

Figure S44 HMBC spectrum (600 MHz, $CDCl_3$) of compound **5**

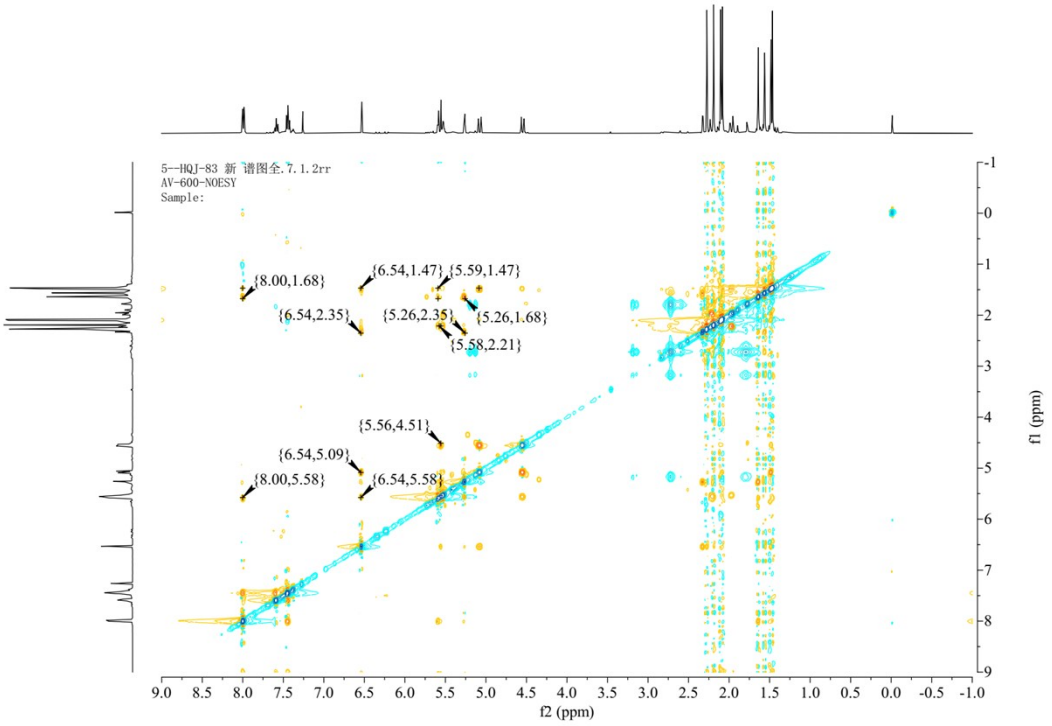

Figure S45 NOESY spectrum (600 MHz, $CDCl_3$) of compound **5**

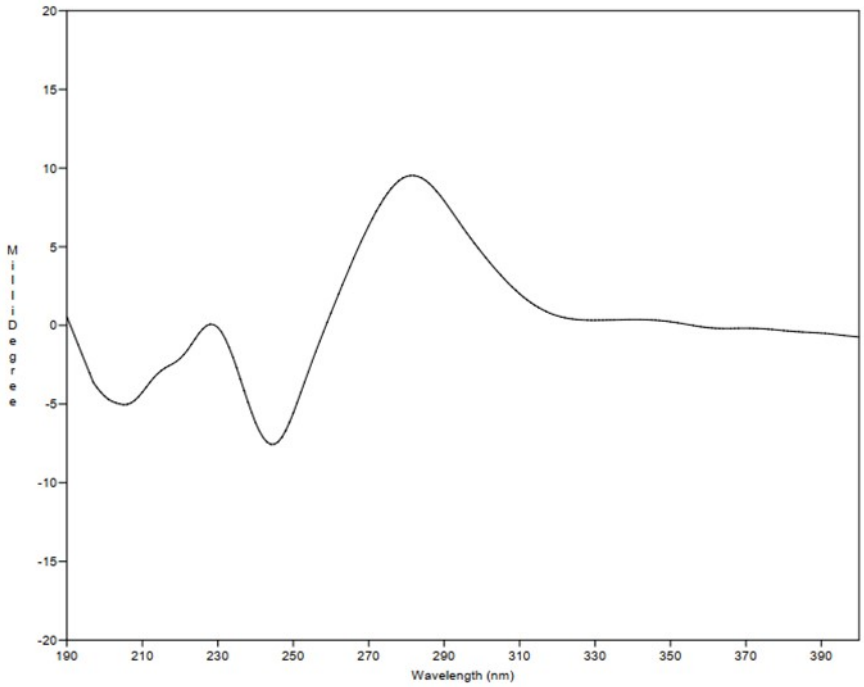

Figure S46 Experimental ECD spectrum of compound **5**

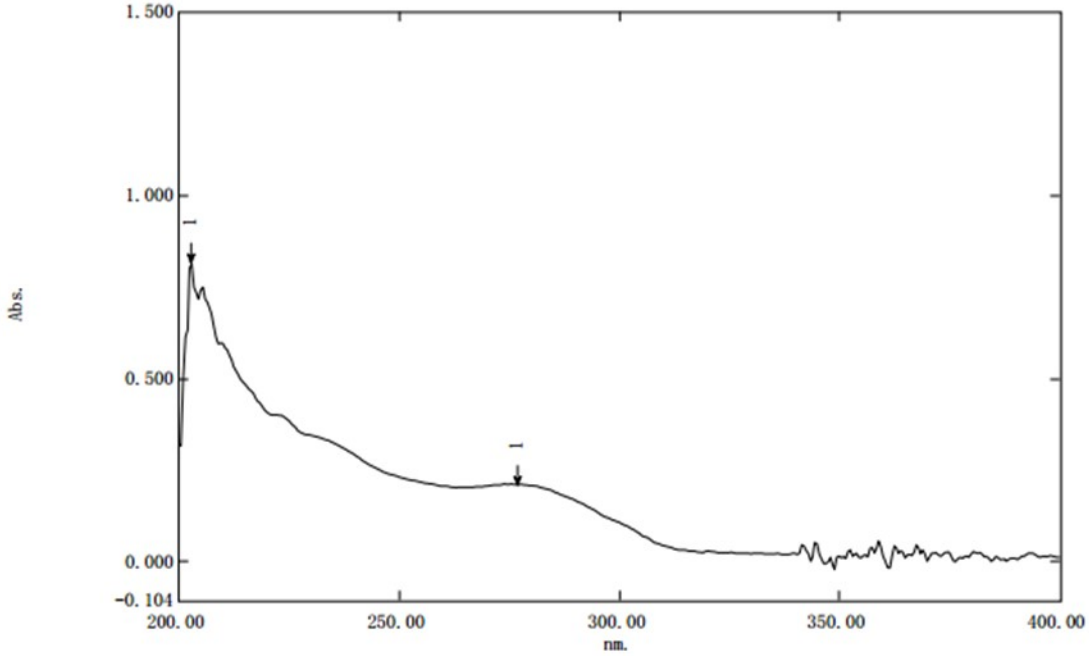

Figure S47 UV spectrum of compound **6**

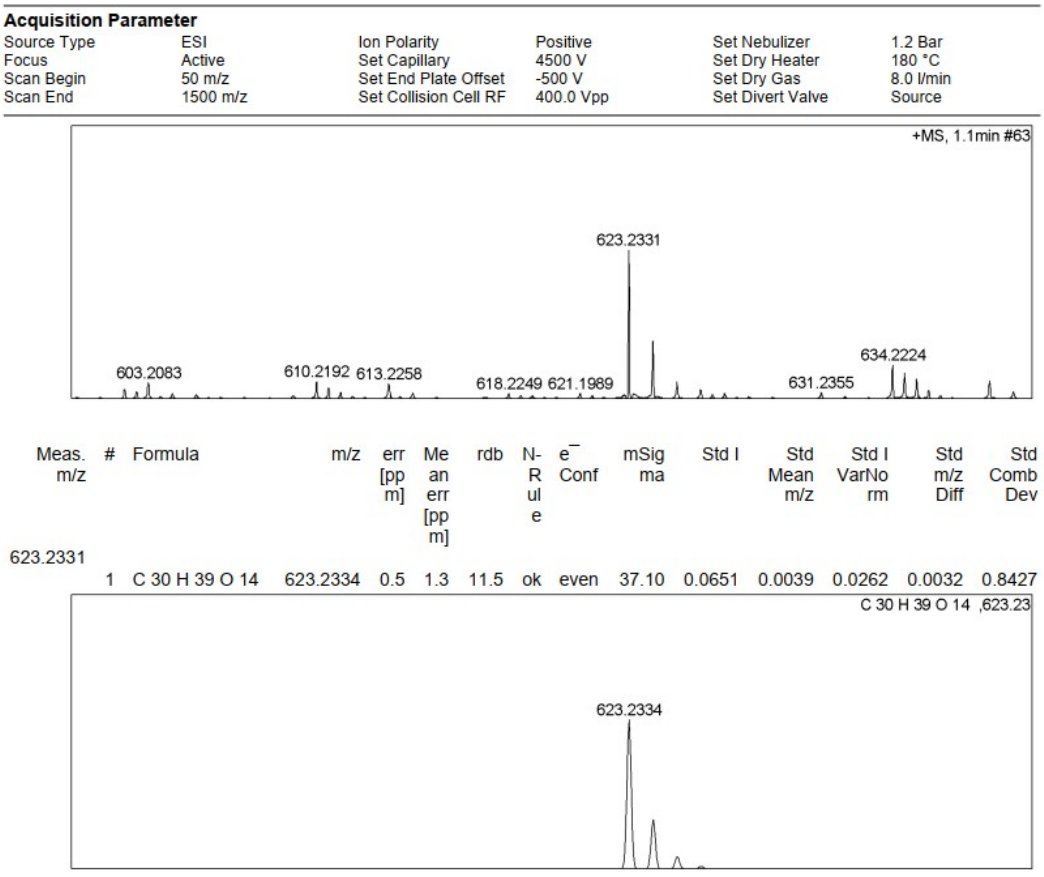

Figure S48 HRESIMS spectrum of compound **6**

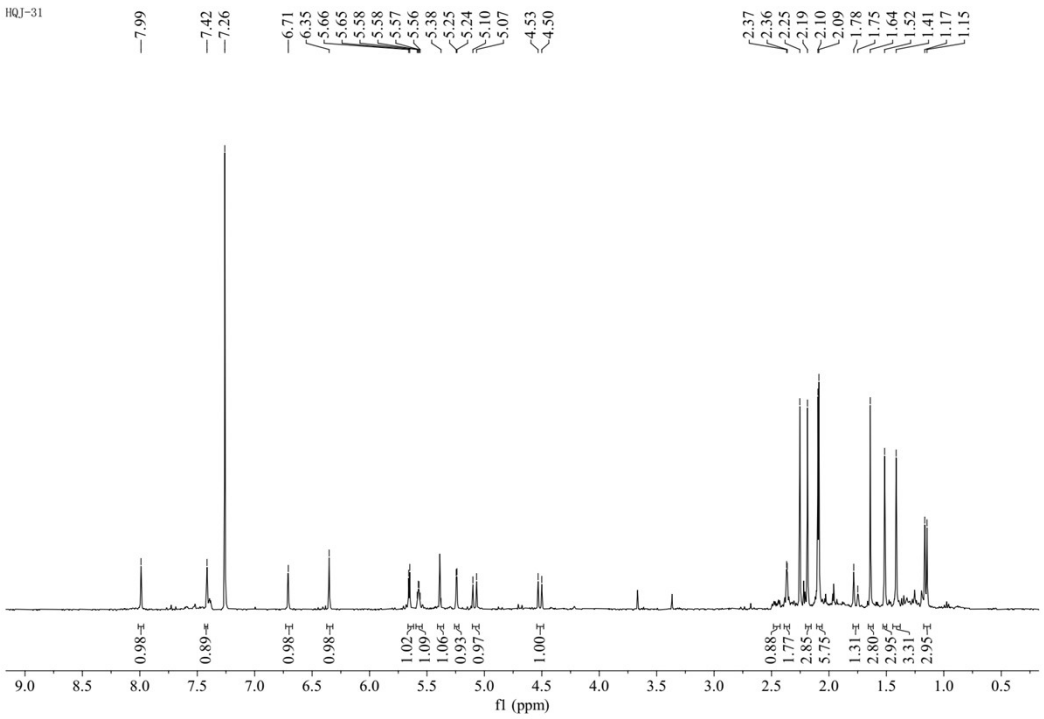

Figure S49 ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **6**

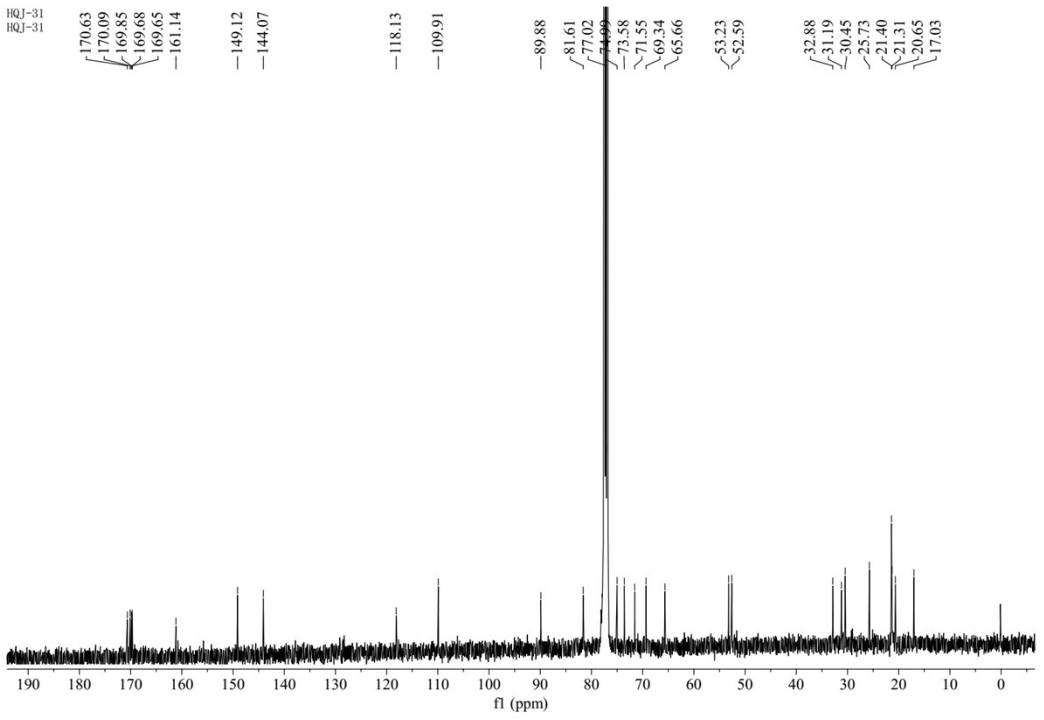

Figure S50 ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **6**

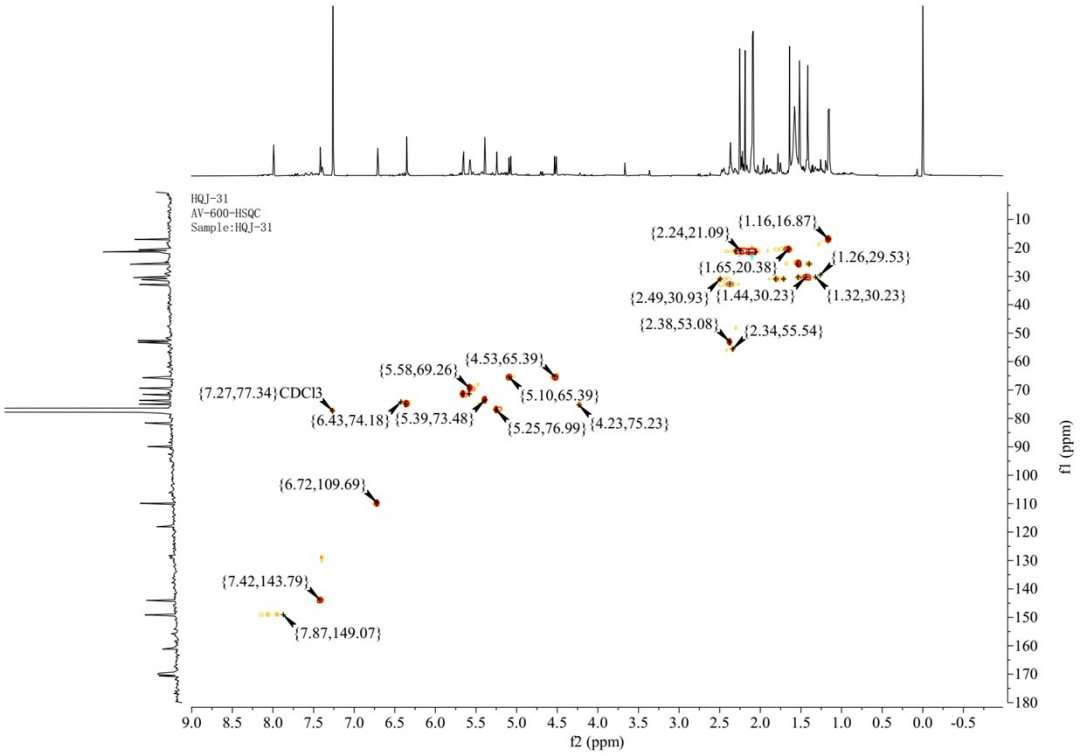

Figure S51 HSQC spectrum (600 MHz, $CDCl_3$) of compound **6**

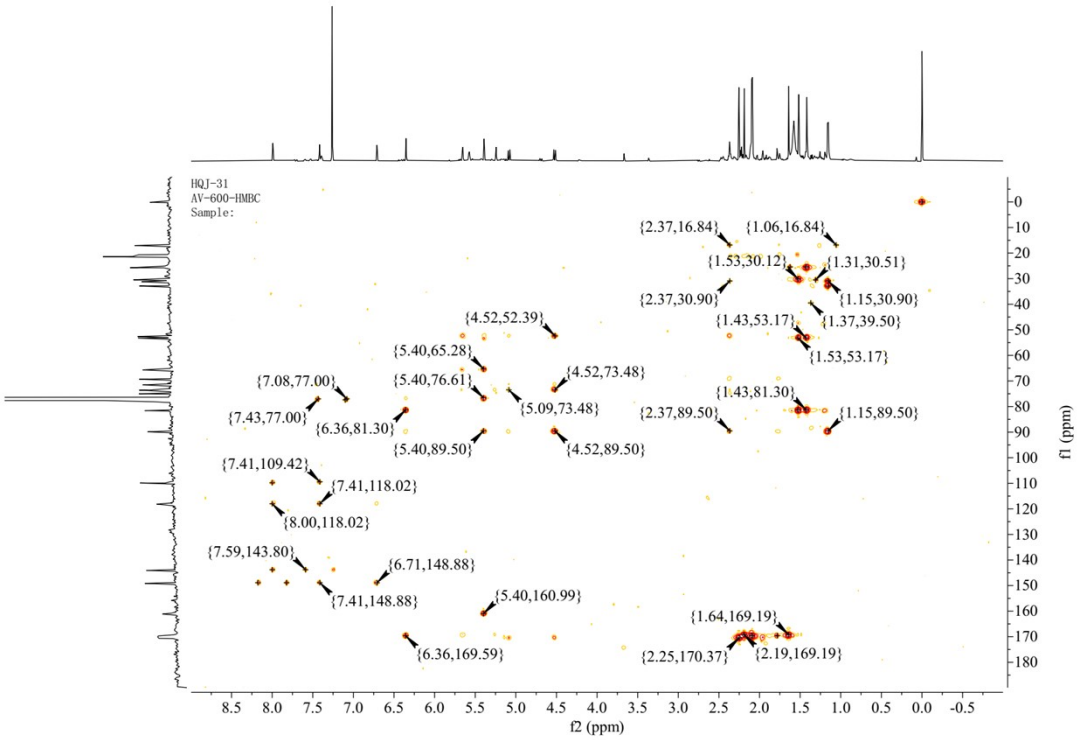

Figure S52 HMBC spectrum (600 MHz, $CDCl_3$) of compound **6**

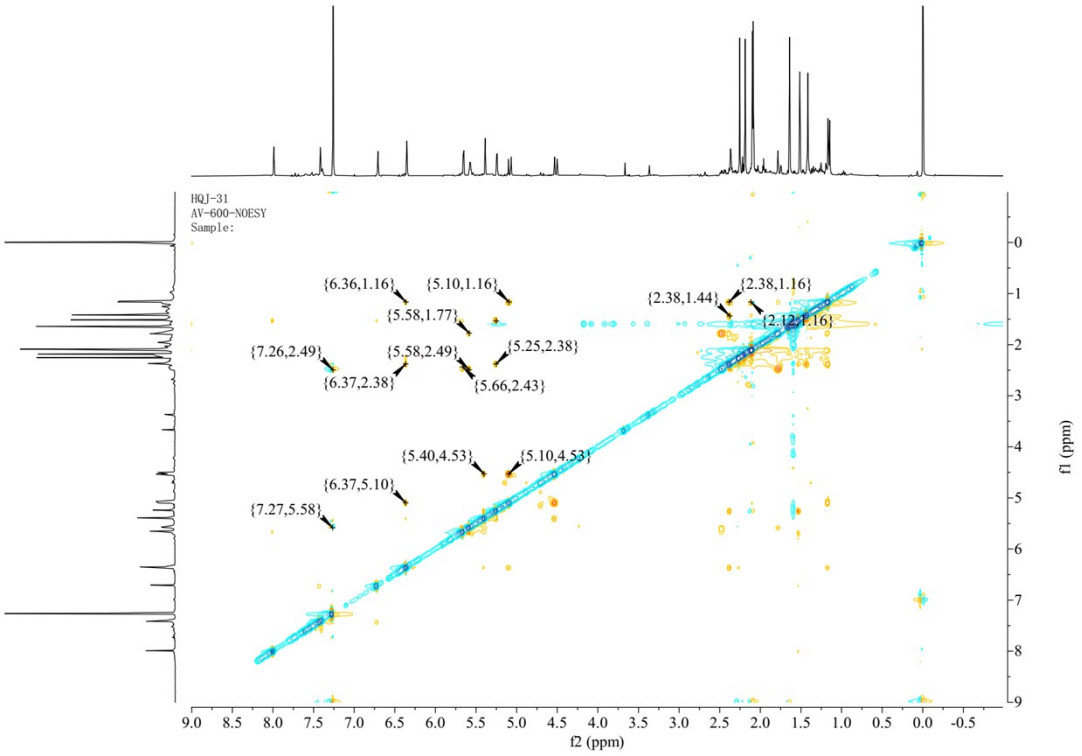

Figure S53 NOESY spectrum (600 MHz, $CDCl_3$) of compound **6**

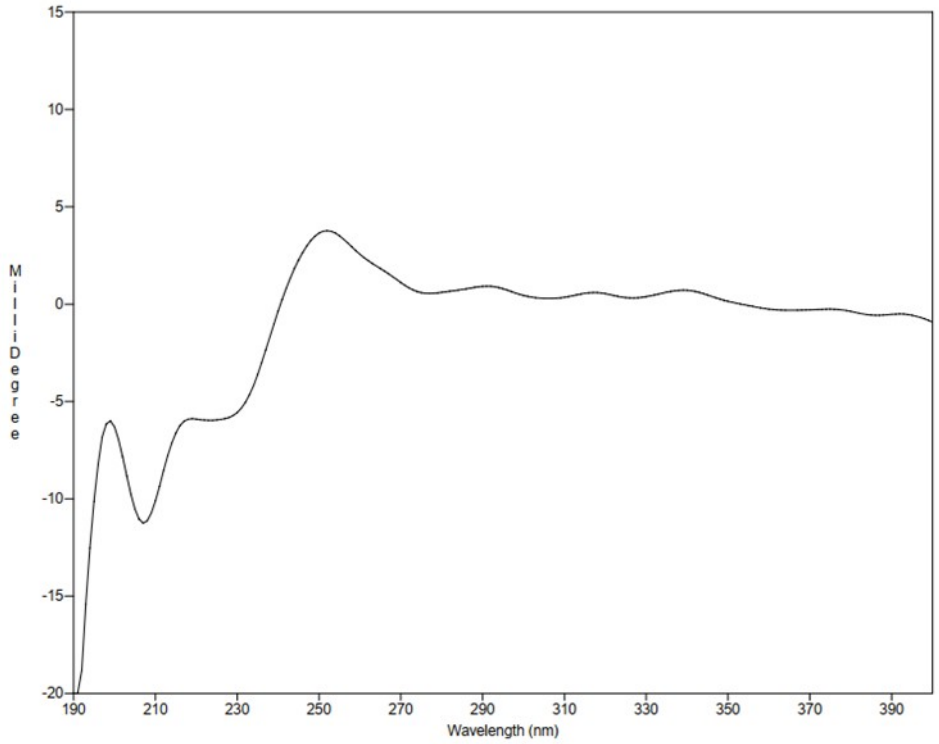

Figure S54 Experimental ECD spectrum of compound **6**

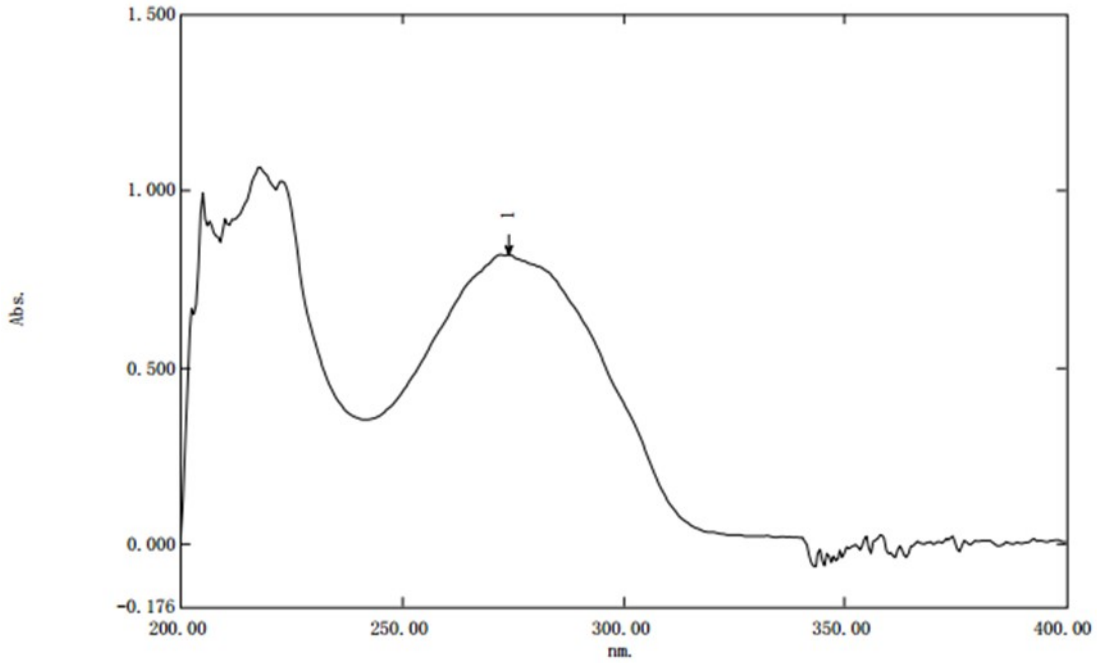

Figure S55 UV spectrum of compound **7**

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	1500 m/z	Set Collision Cell RF	400.0 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		

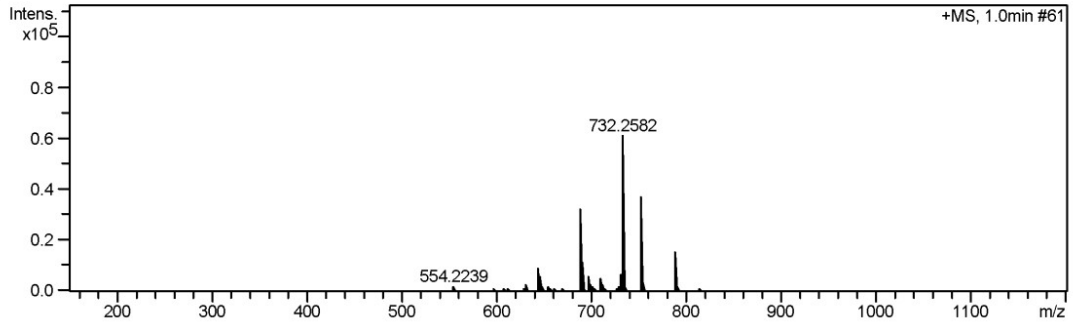

Figure S56 HRESIMS spectrum of compound **7**

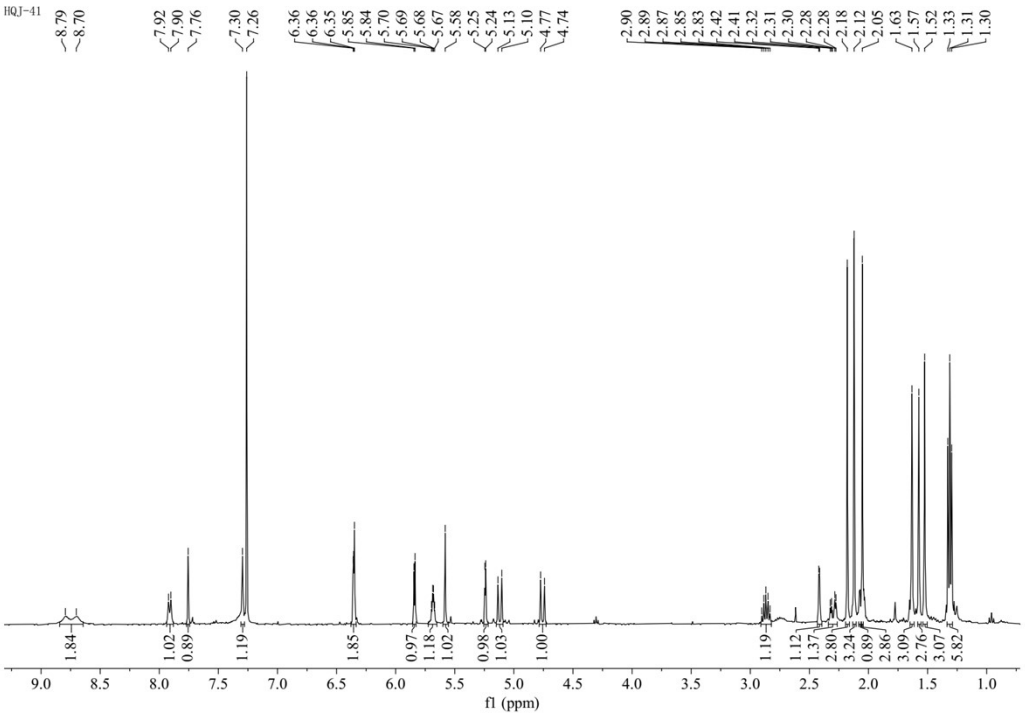

Figure S57 ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **7**

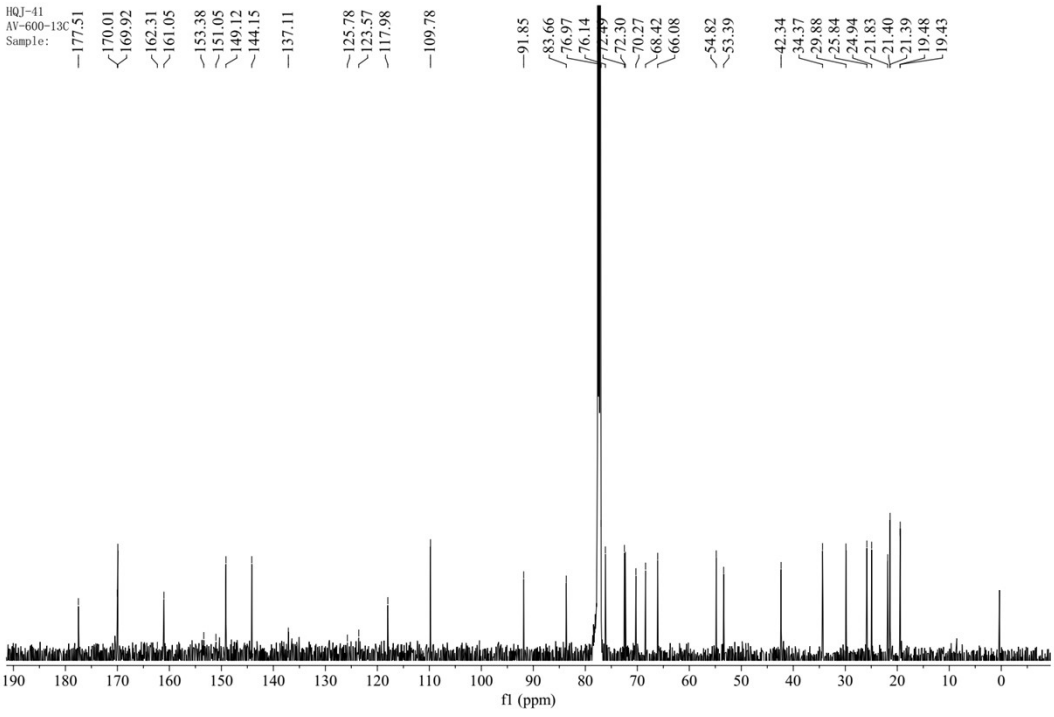

Figure S58 ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **7**

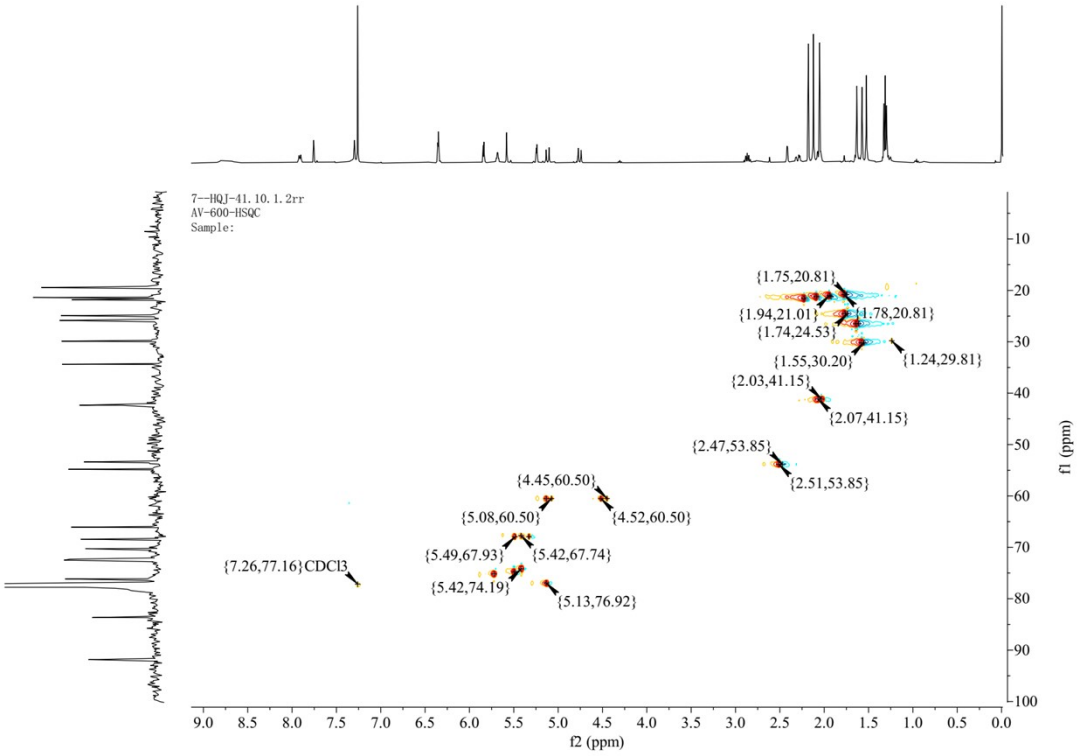

Figure S59 HSQC spectrum (600 MHz, $CDCl_3$) of compound **7**

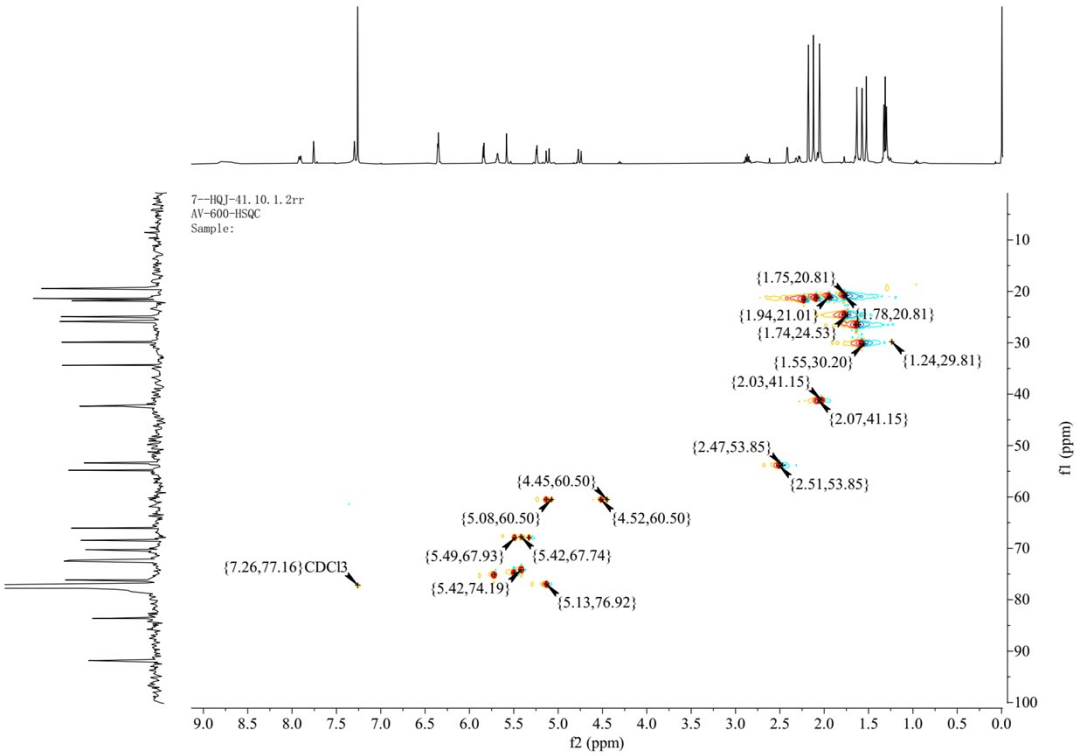

Figure S60 HMBC spectrum (600 MHz, $CDCl_3$) of compound **7**

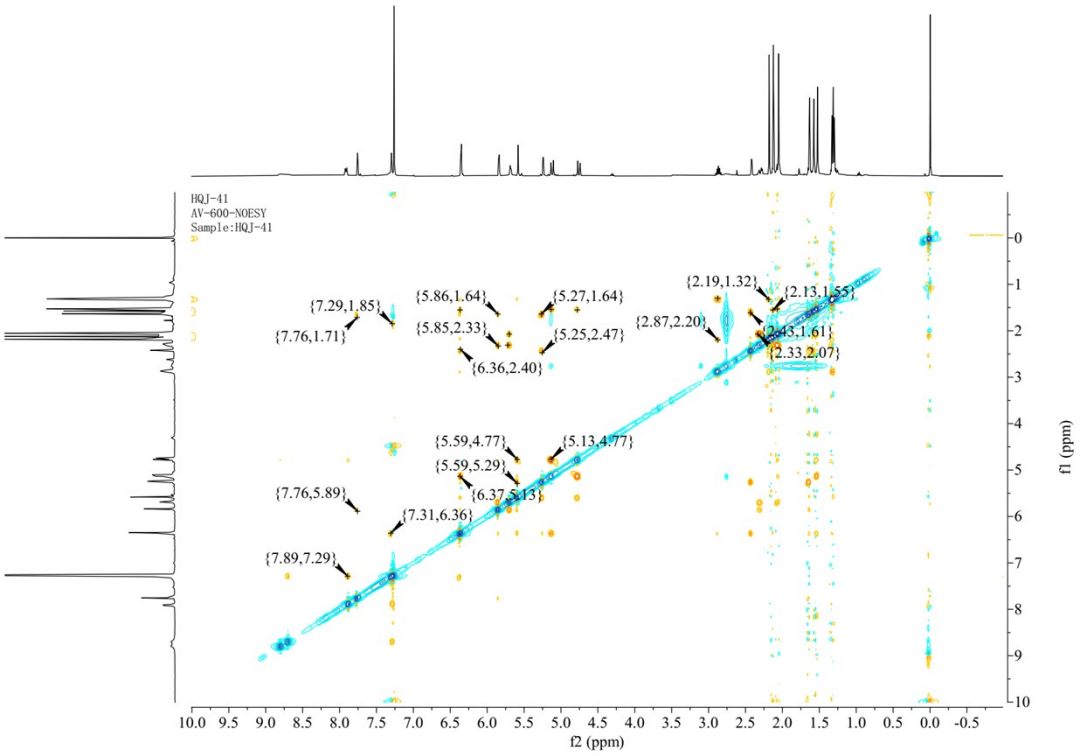

Figure S61 NOESY spectrum (600 MHz, $CDCl_3$) of compound **7**

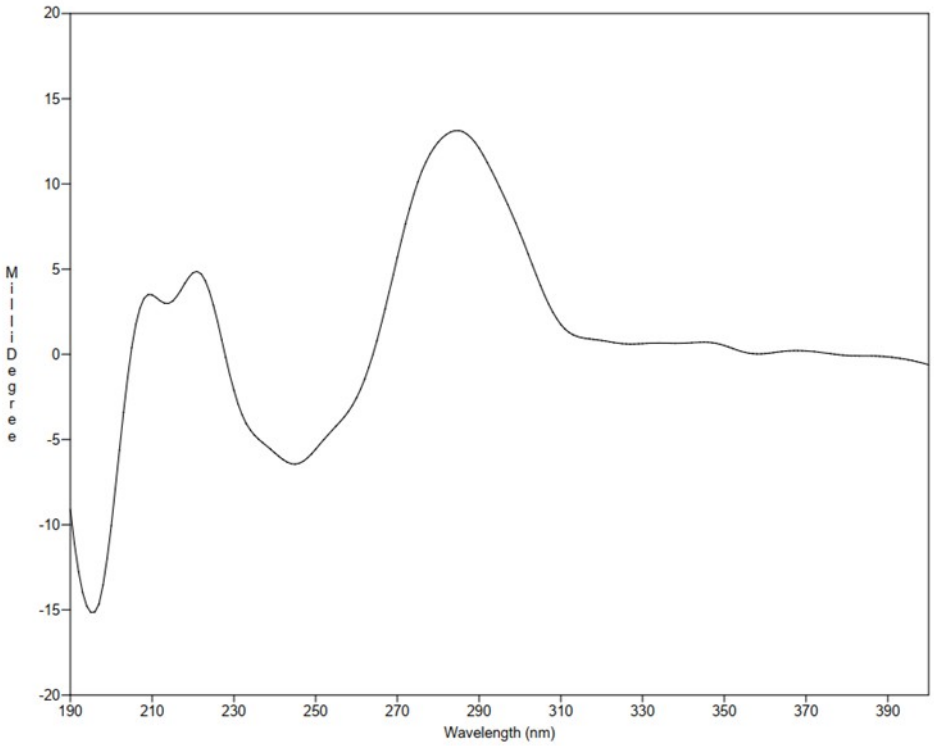

Figure S62 Experimental ECD spectrum of compound **7**

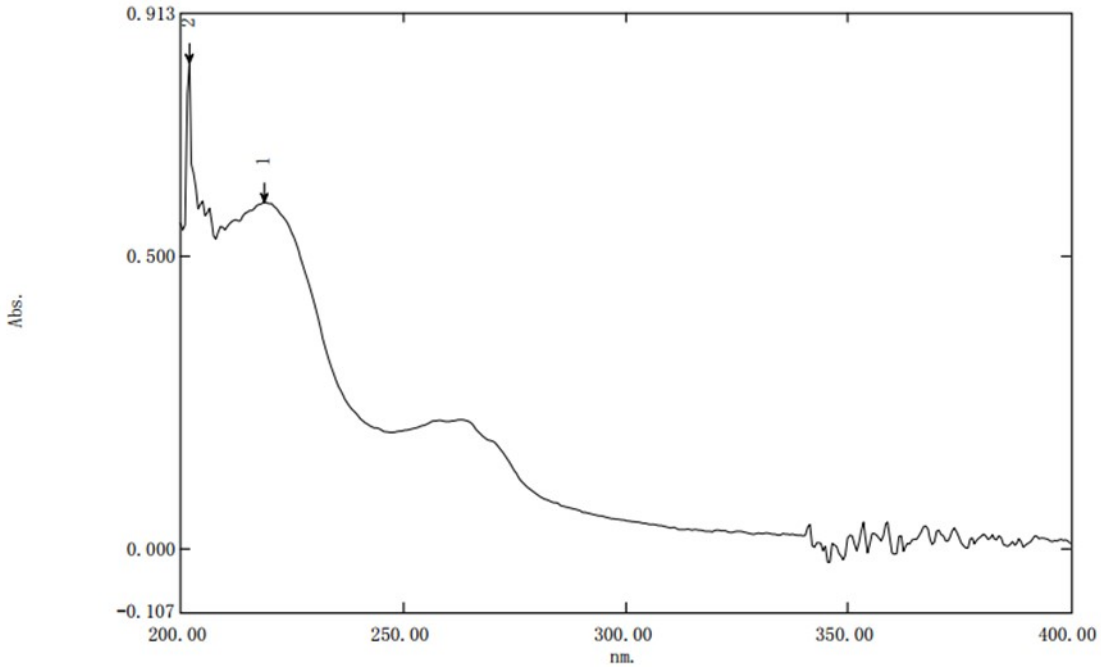

Figure S63 UV spectrum of compound **8**

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	1500 m/z	Set Collision Cell RF	400.0 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		

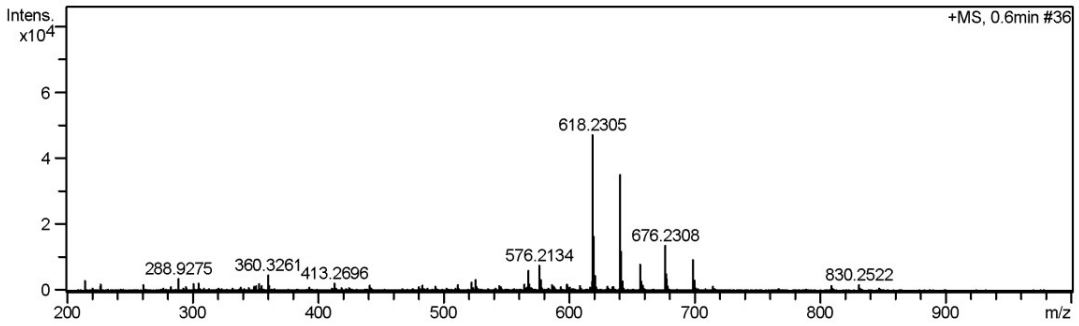

Figure S64 HRESIMS spectrum of compound **8**

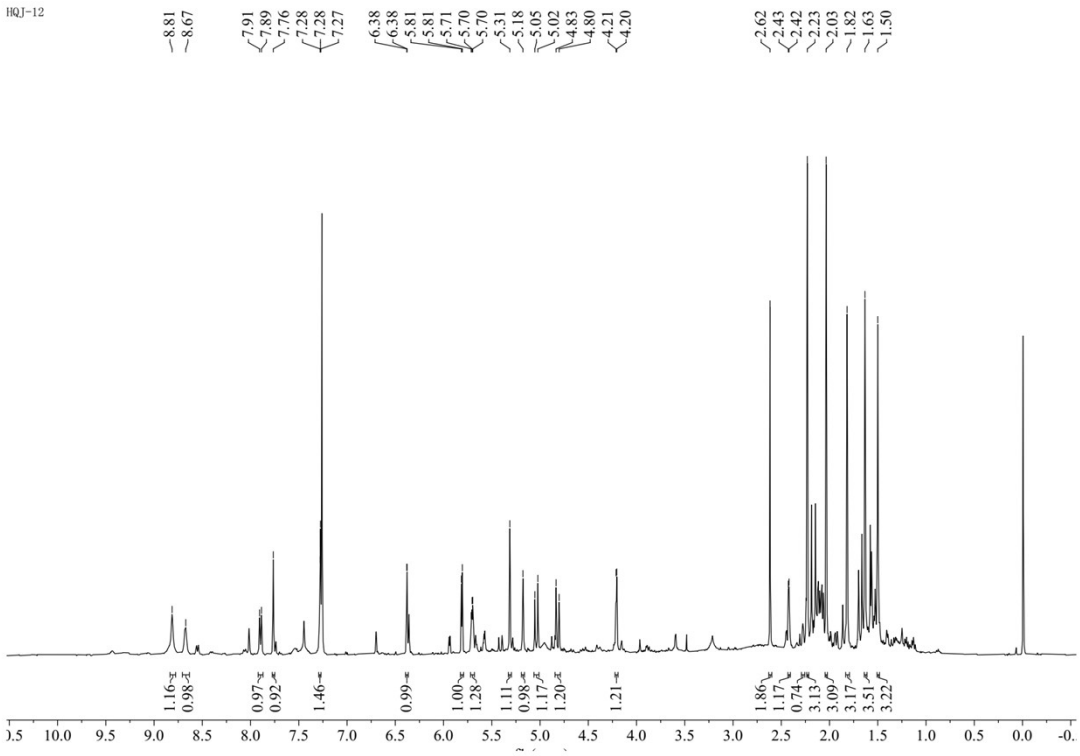

Figure S65 ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **8**

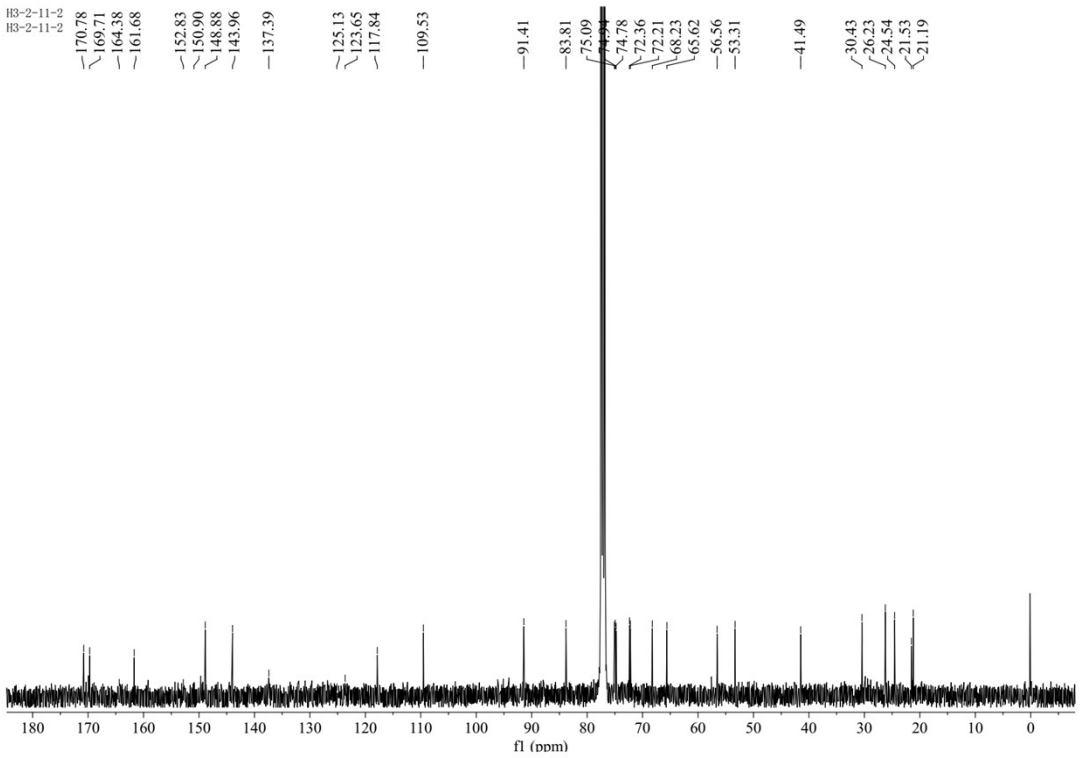

Figure S66 ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **8**

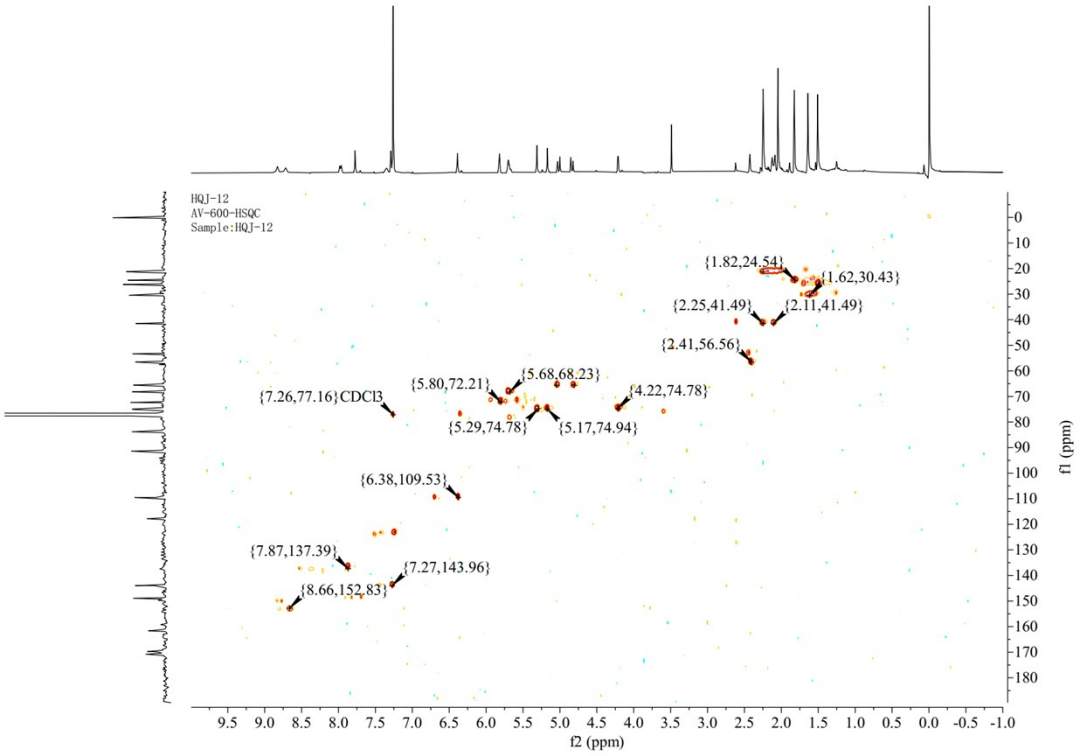

Figure S67 HSQC spectrum (600 MHz, $CDCl_3$) of compound **8**

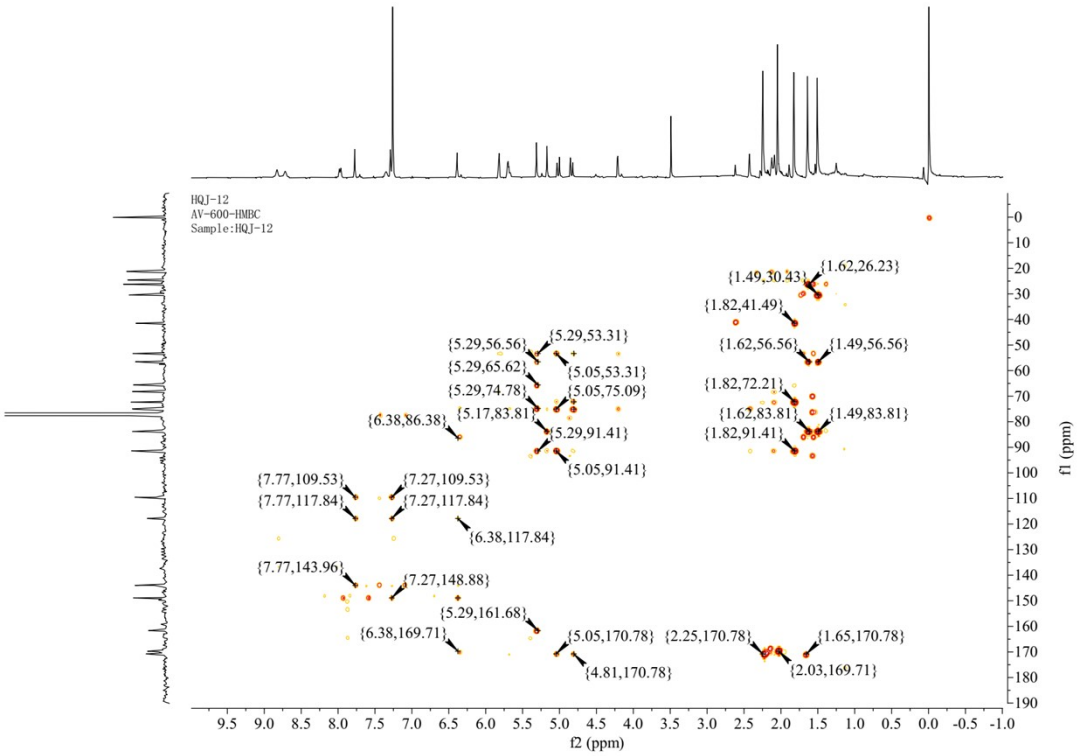

Figure S68 HMBC spectrum (600 MHz, $CDCl_3$) of compound **8**

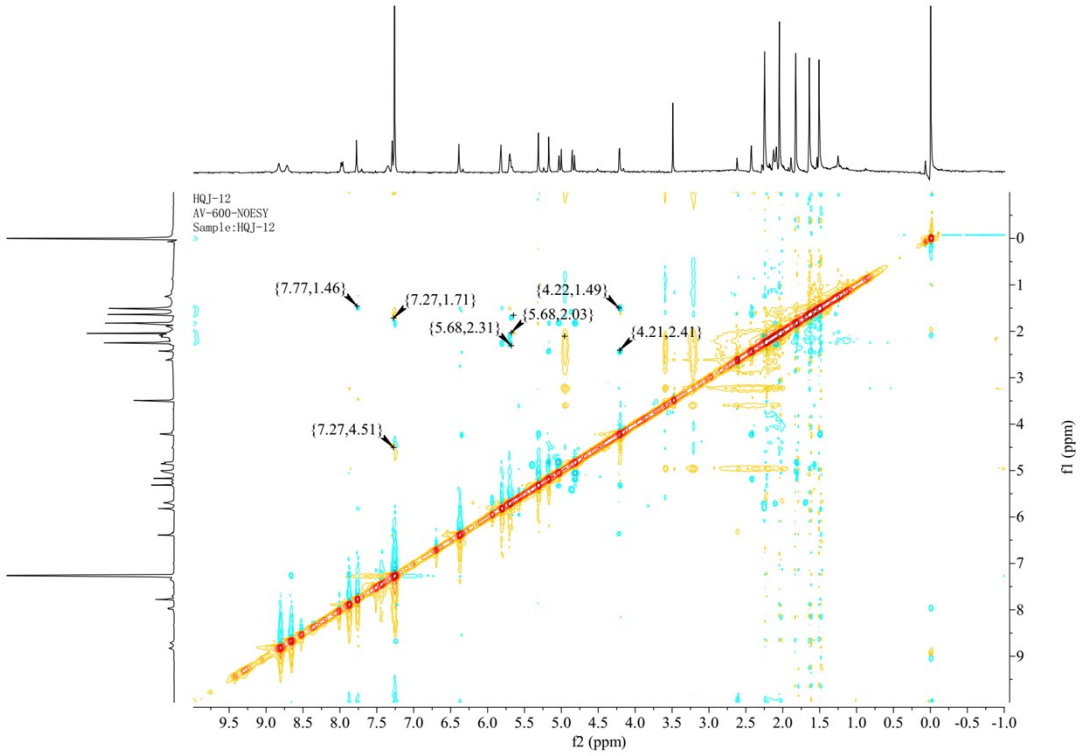

Figure S69 NOESY spectrum (600 MHz, $CDCl_3$) of compound **8**

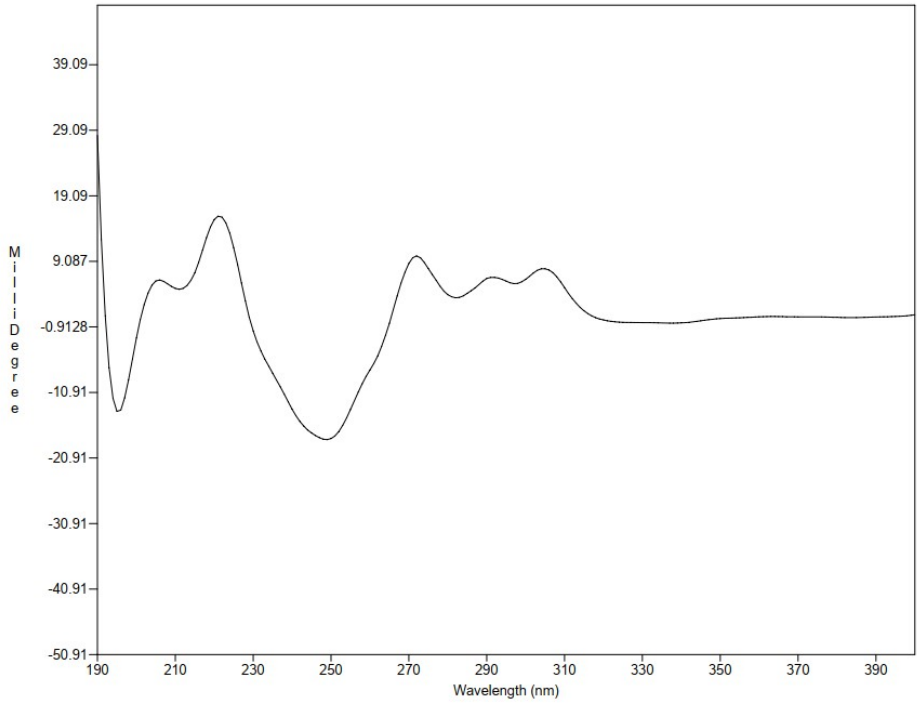

Figure S70 Experimental ECD spectrum of compound **8**

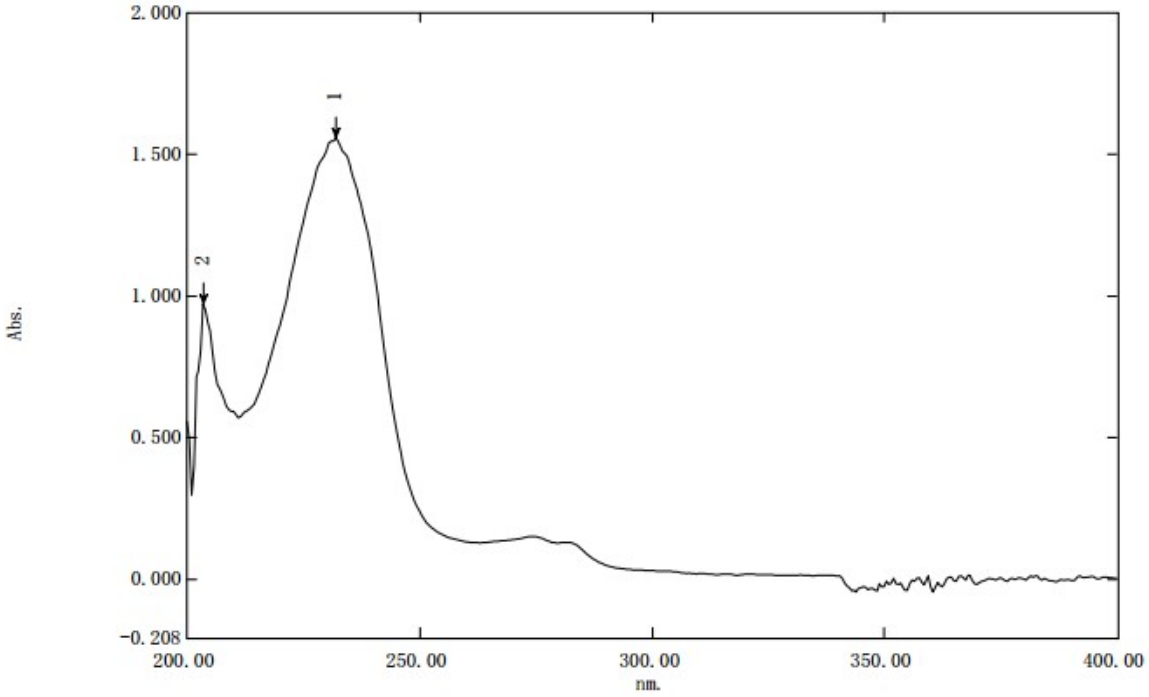

Figure S71 UV spectrum of compound **9**

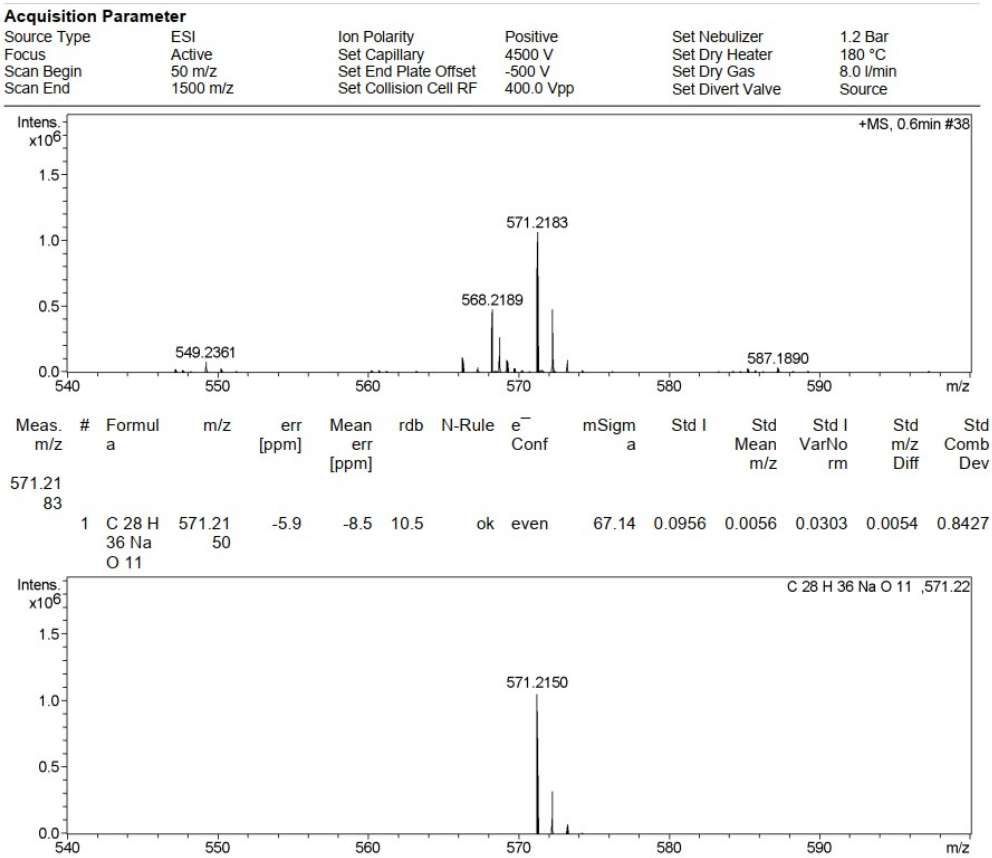

Figure S72 HRESIMS spectrum of compound **9**

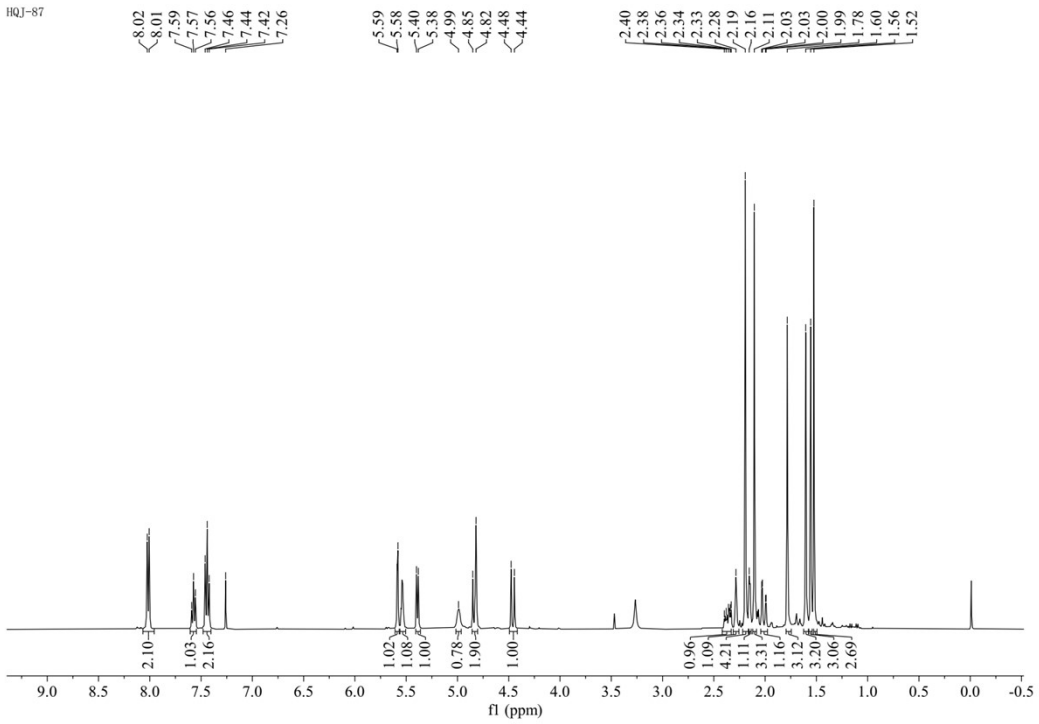

Figure S73 ^{1}H NMR spectrum (400 MHz, $CDCl_3$) of compound **9**

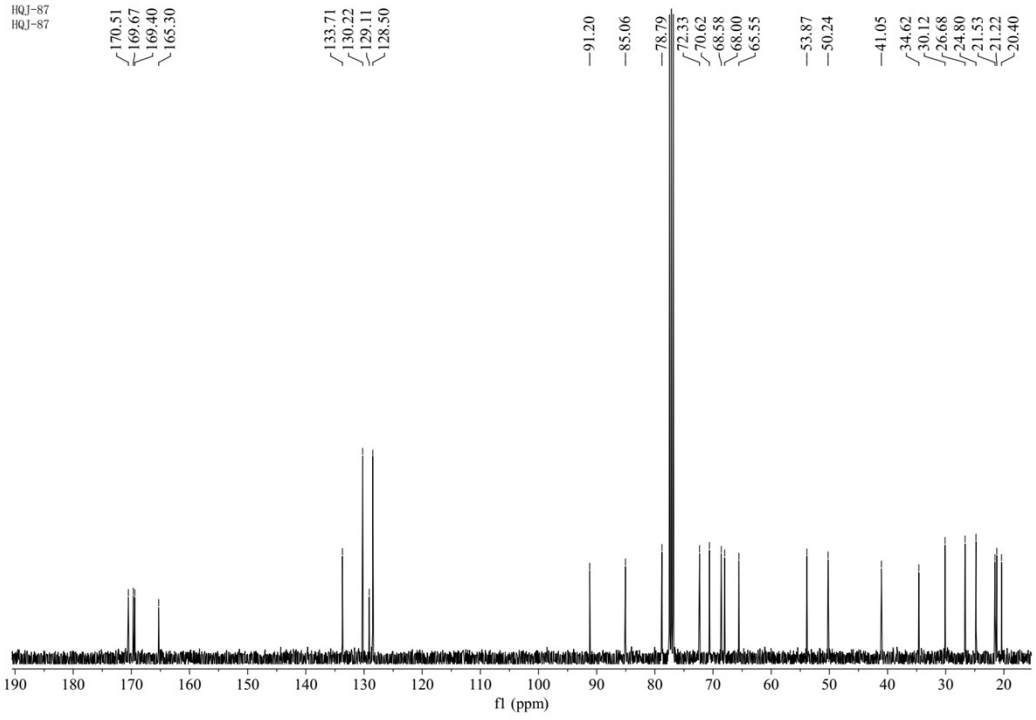

Figure S74 ^{13}C NMR spectrum (100 MHz, $CDCl_3$) of compound **9**

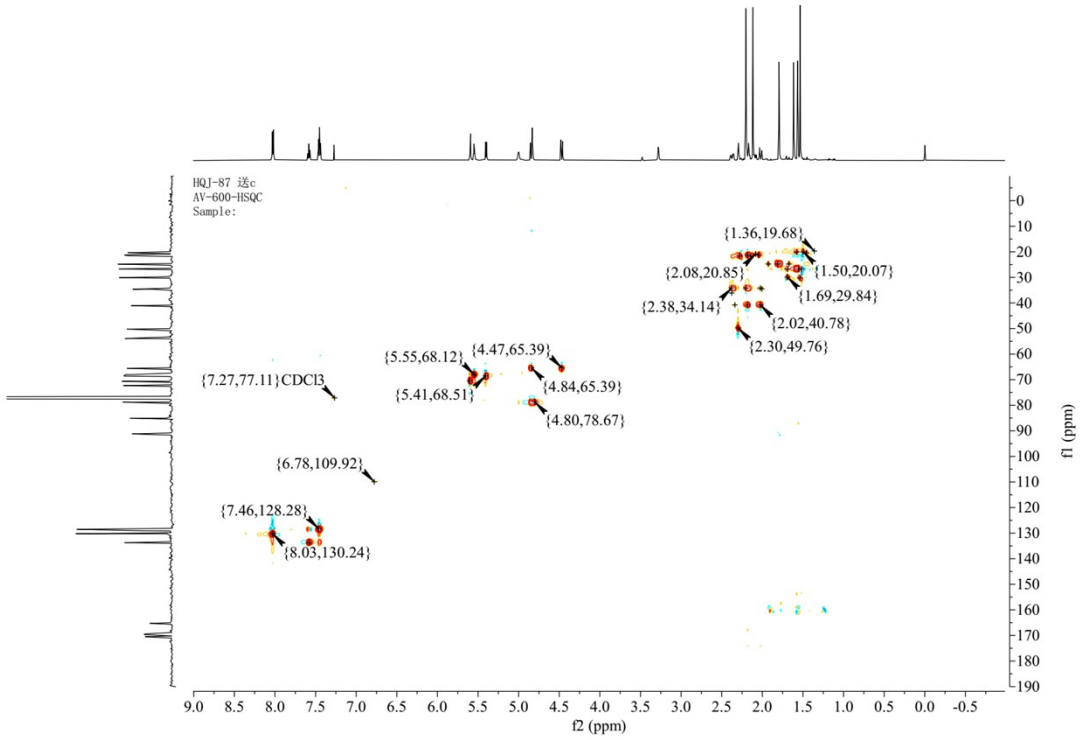

Figure S75 HSQC spectrum (600 MHz, $CDCl_3$) of compound **9**

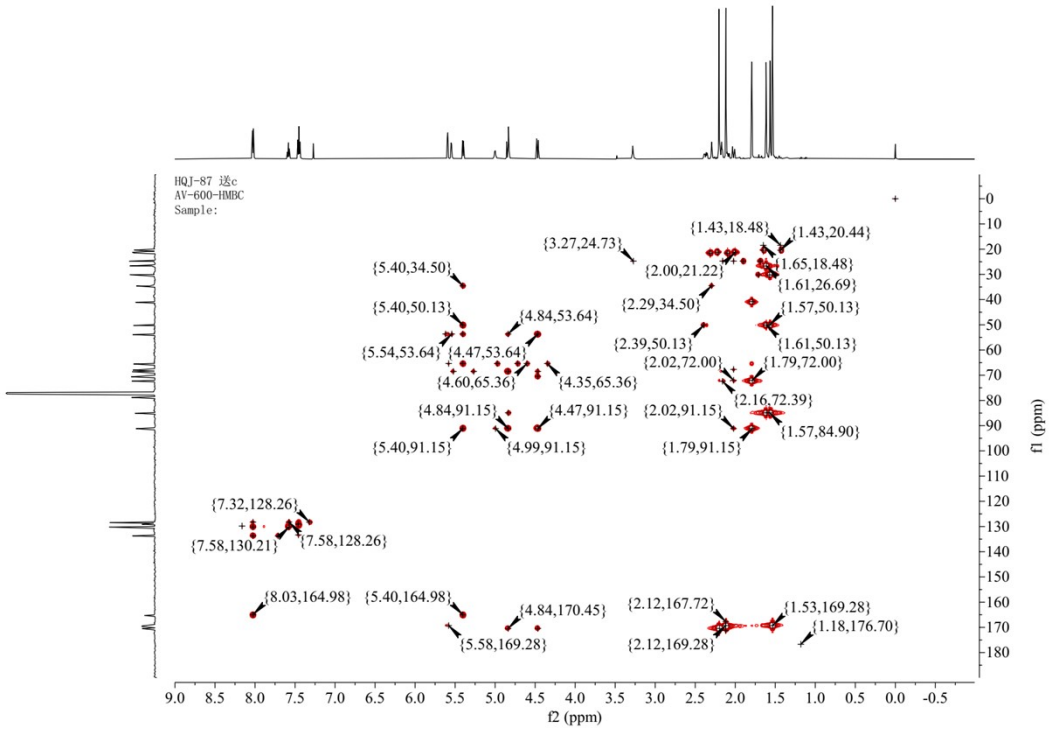

Figure S76 HMBC spectrum (600 MHz, $CDCl_3$) of compound **9**

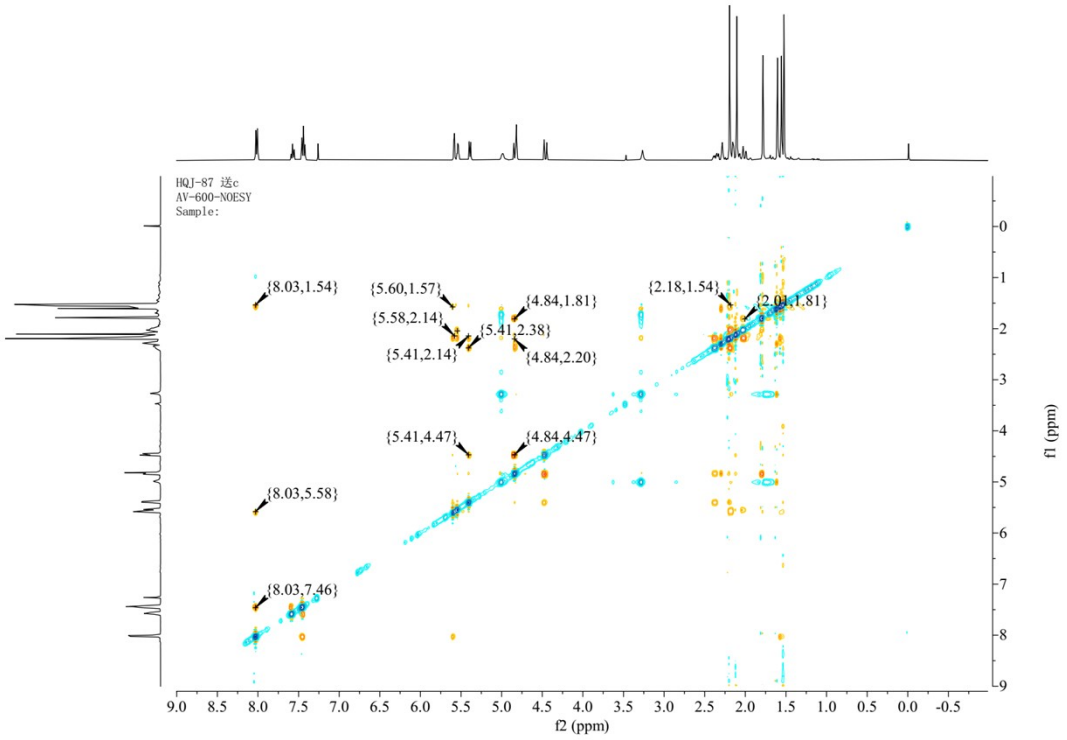

Figure S77 NOESY spectrum (600 MHz, $CDCl_3$) of compound **9**

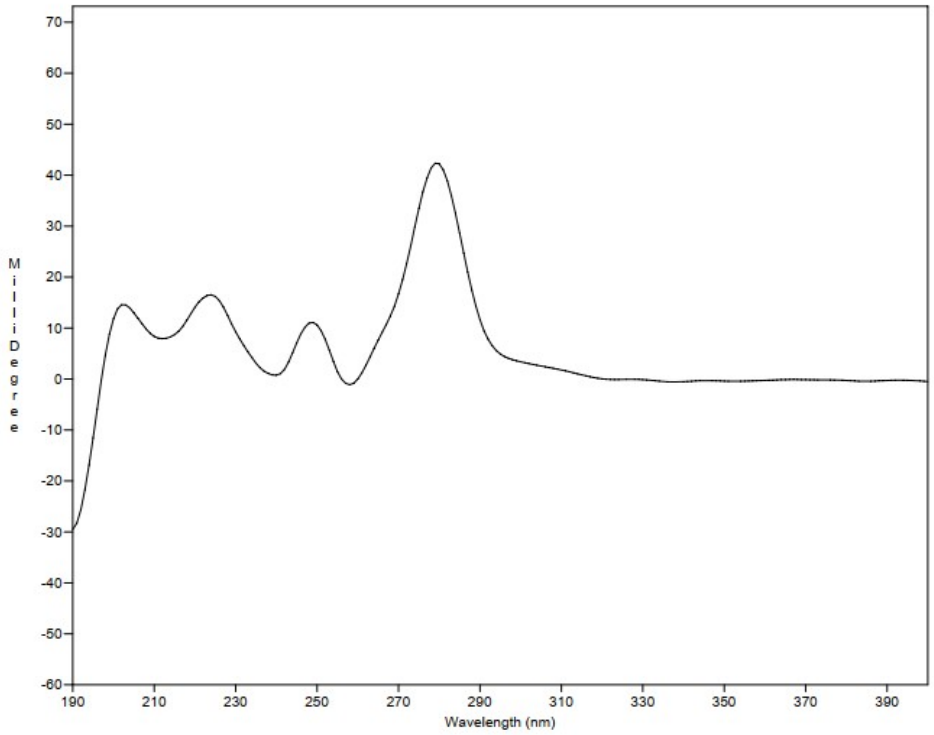

Figure S78 Experimental ECD spectrum of compound **9**