Supplementary Materials

Four New Isocoumarins and a New Natural Tryptamine with Antifungal Activities from a Mangrove Endophytic Fungus *Botryosphaeria ramosa* L29

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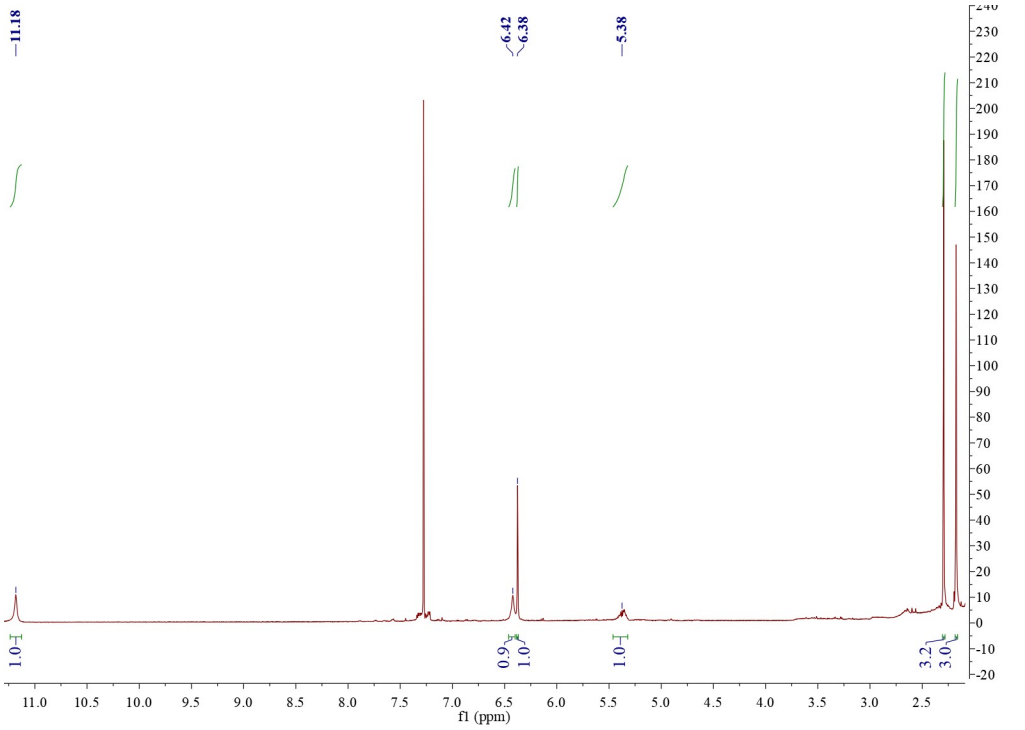

Figure S1 ^{1}H NMR spectrum (600 MHz) of compound **1** in $CDCl_3$

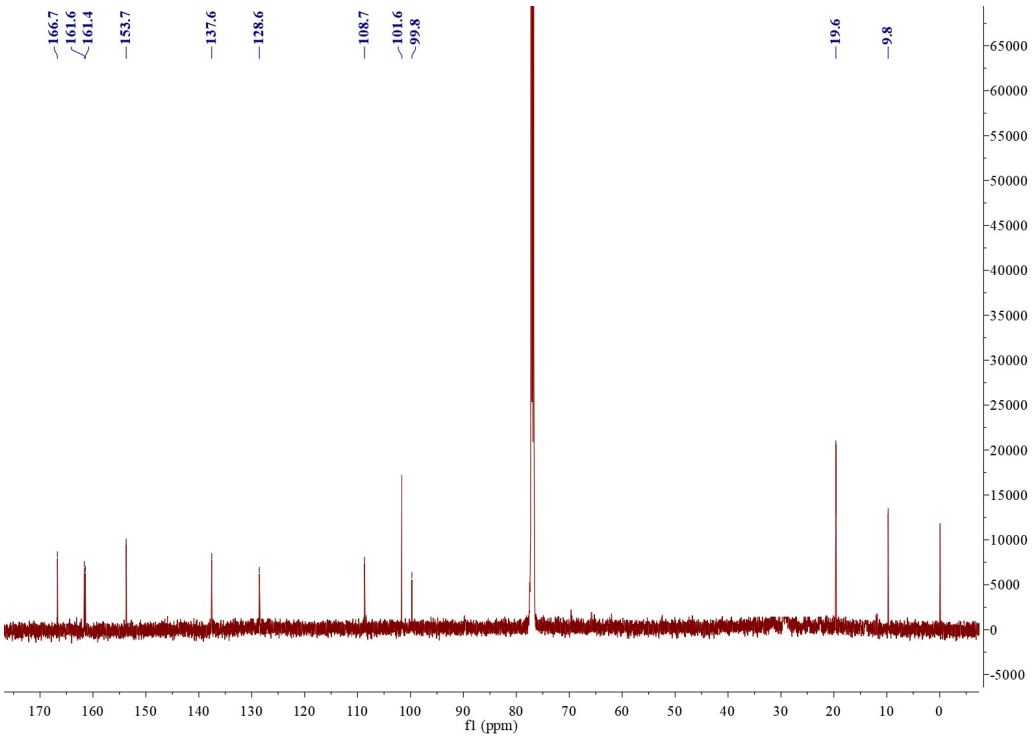

Figure S2 ^{13}C NMR spectrum (150 MHz) of compound **1** in $CDCl_3$

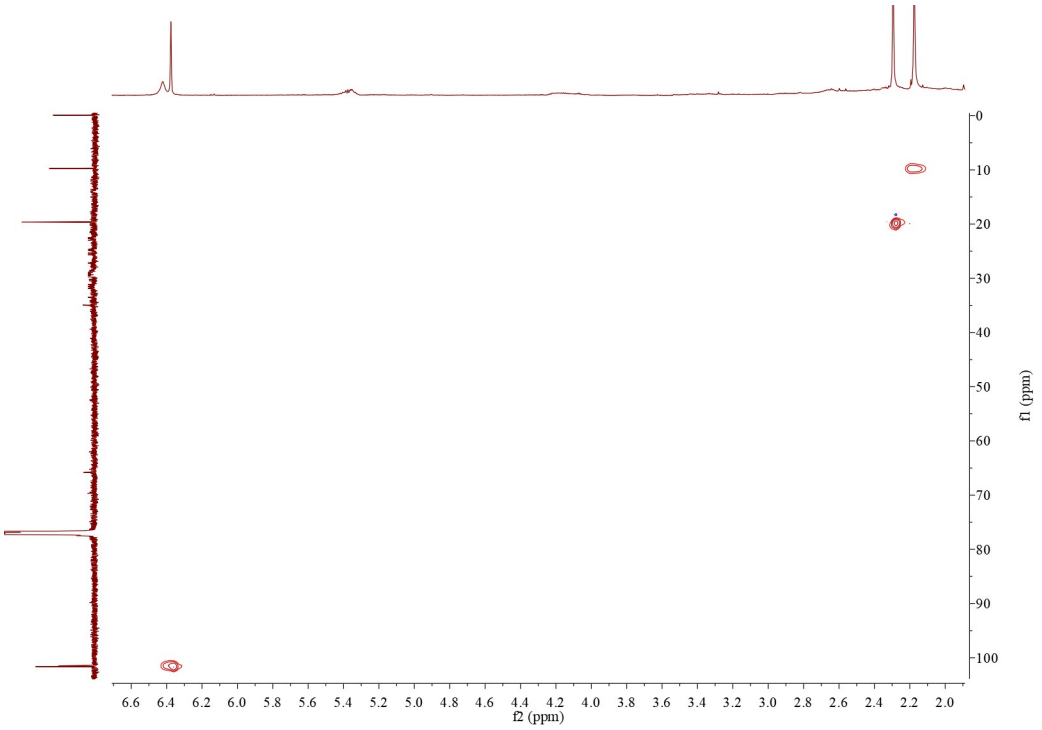

Figure S3 HSQC spectrum (600/150 MHz) of compound **1** in $CDCl_3$

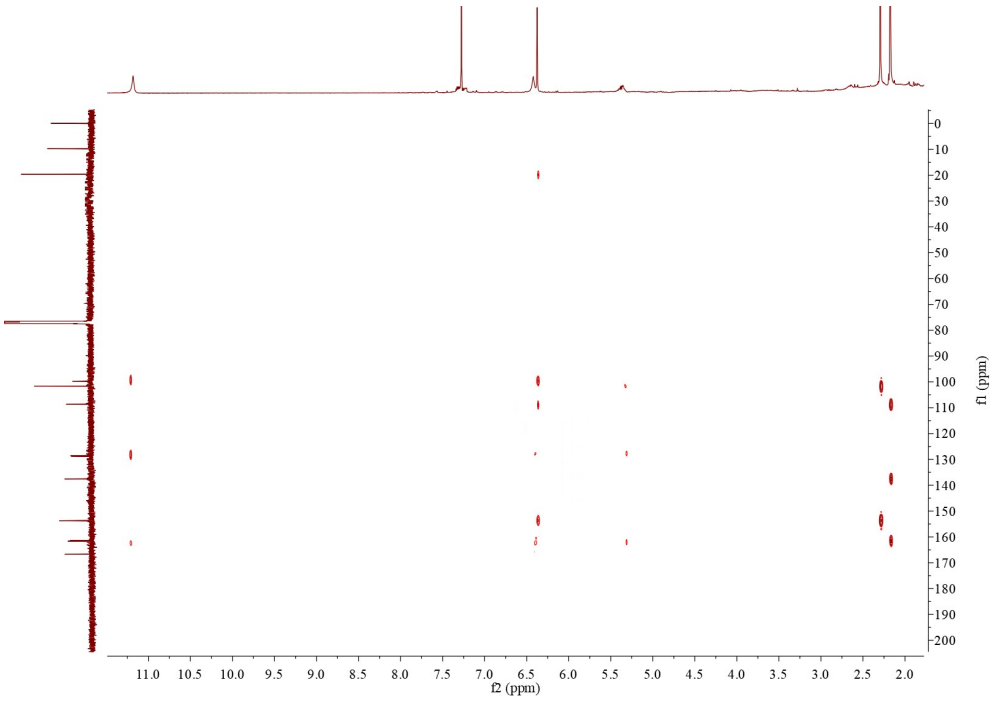

Figure S4 HMBC spectrum (600/150 MHz) of compound **1** in $CDCl_3$

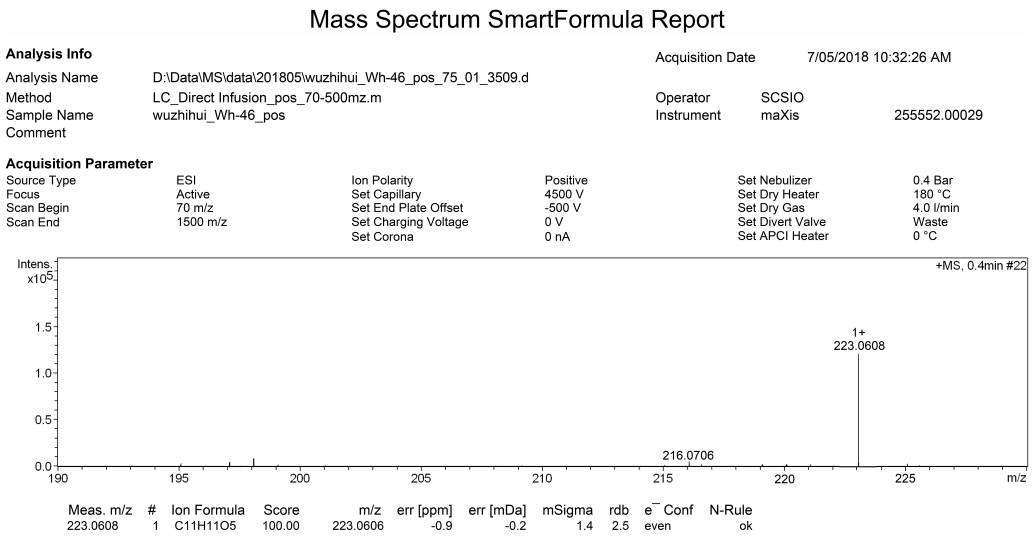

Figure S5 HRESIMS spectrum of compound **1**

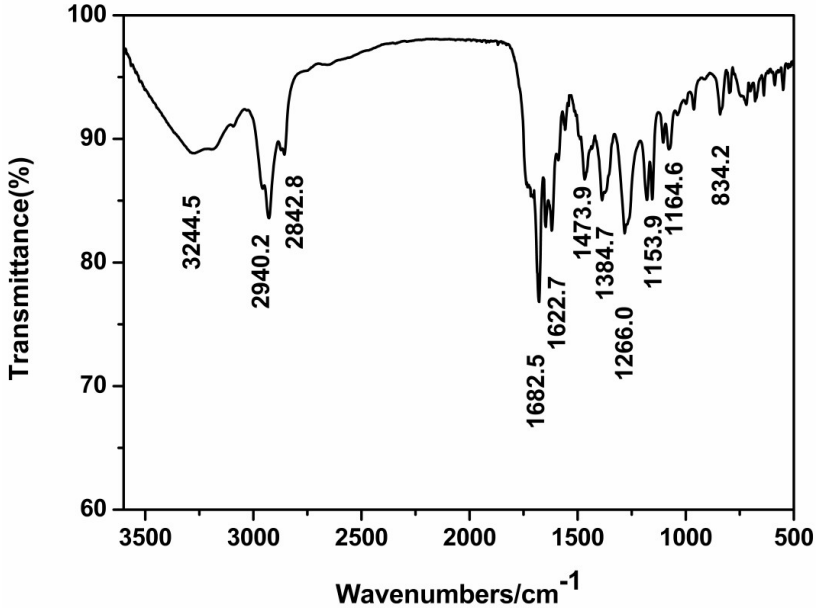

Figure S6 IR spectrum of compound **1**

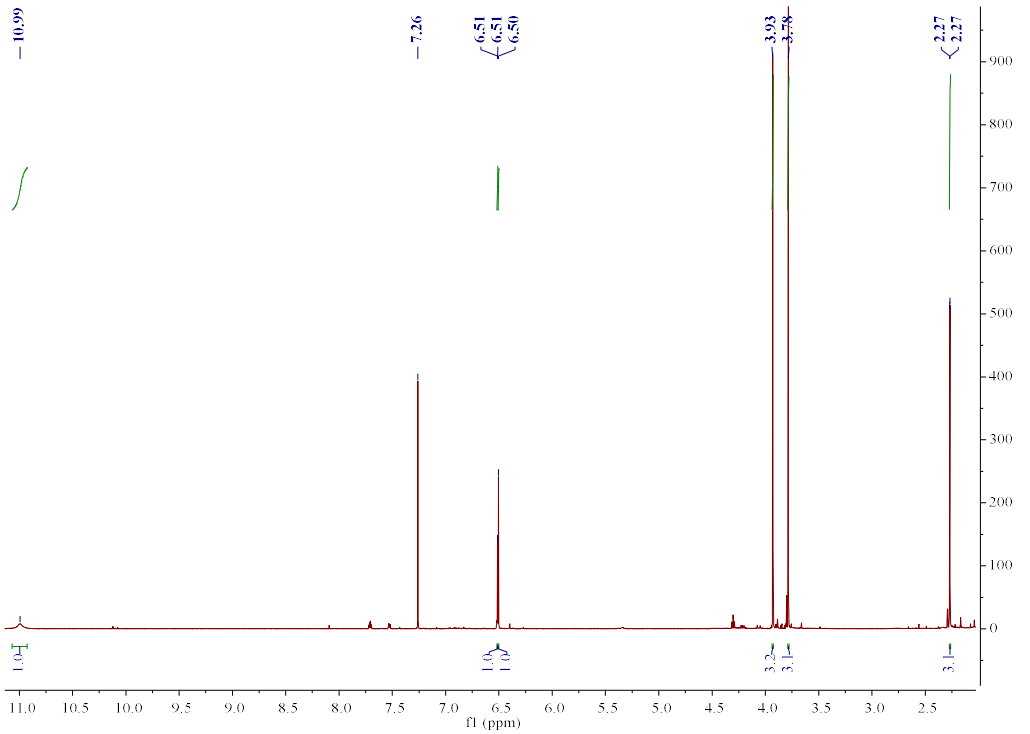

Figure S7 ^{1}H NMR spectrum (600 MHz) of compound **2** in $CDCl_3$

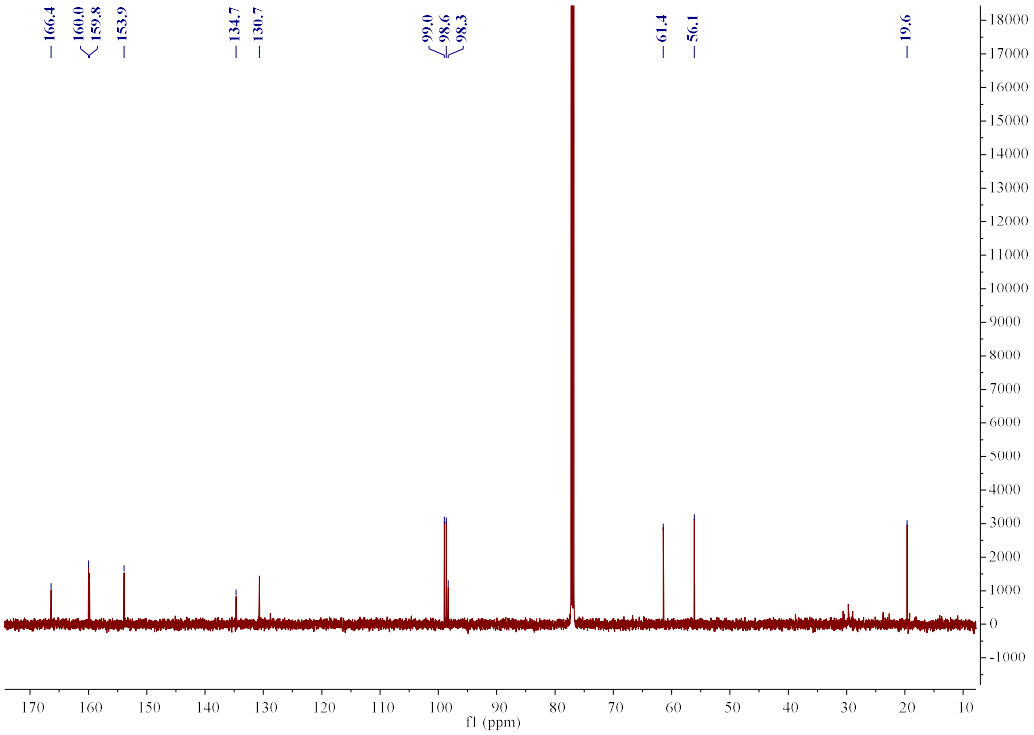

Figure S8 ^{13}C NMR spectrum (150 MHz) of compound **2** in $CDCl_3$

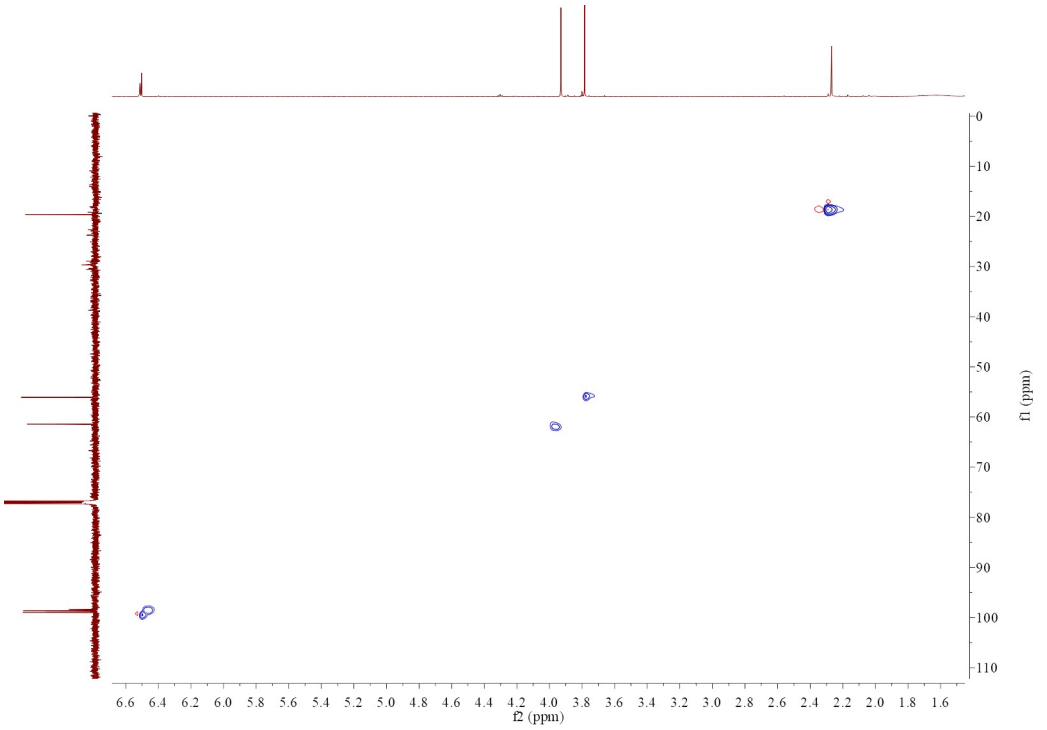

Figure S9 HSQC spectrum (600/150 MHz) of compound **2** in $CDCl_3$

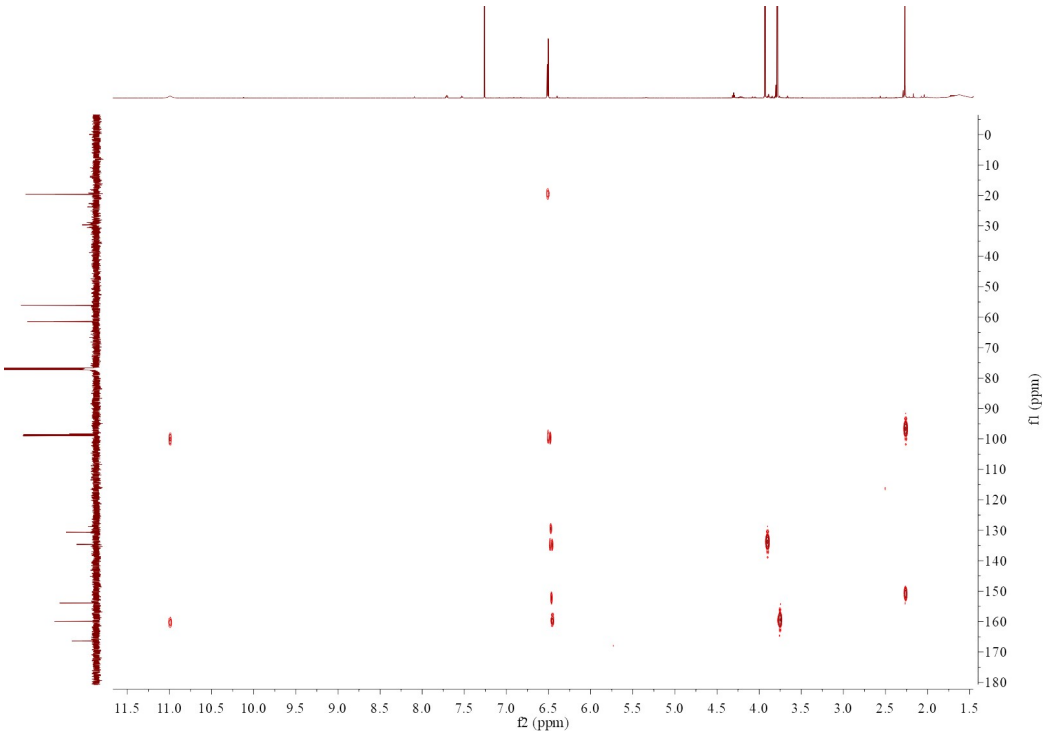

Figure S10 HMBC spectrum (600/150 MHz) of compound **2** in $CDCl_3$

Mass Spectrum SmartFormula Report

Analysis Info

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Sample Name	Wh-39-1	Instrument	255552.00029
Comment			

Acquisition Parameter

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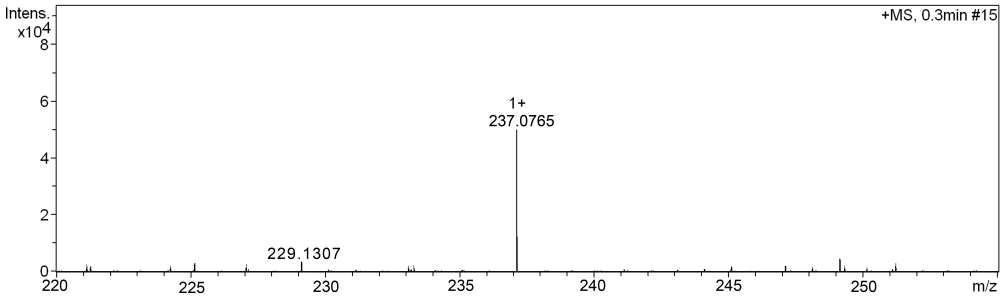
Scan End	2000 m/z	Set Charging Voltage	0 V	Set Divert Valve	Waste
		Set Corona	0 nA	Set APCI Heater	0 °C



Meas. m/z	#	Ion Formula	Score	m/z	err [ppm]	err [mDa]	mSigma	rdb	e⁻ Conf	N-Rule
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Figure S11 HRESIMS spectrum of compound **2**

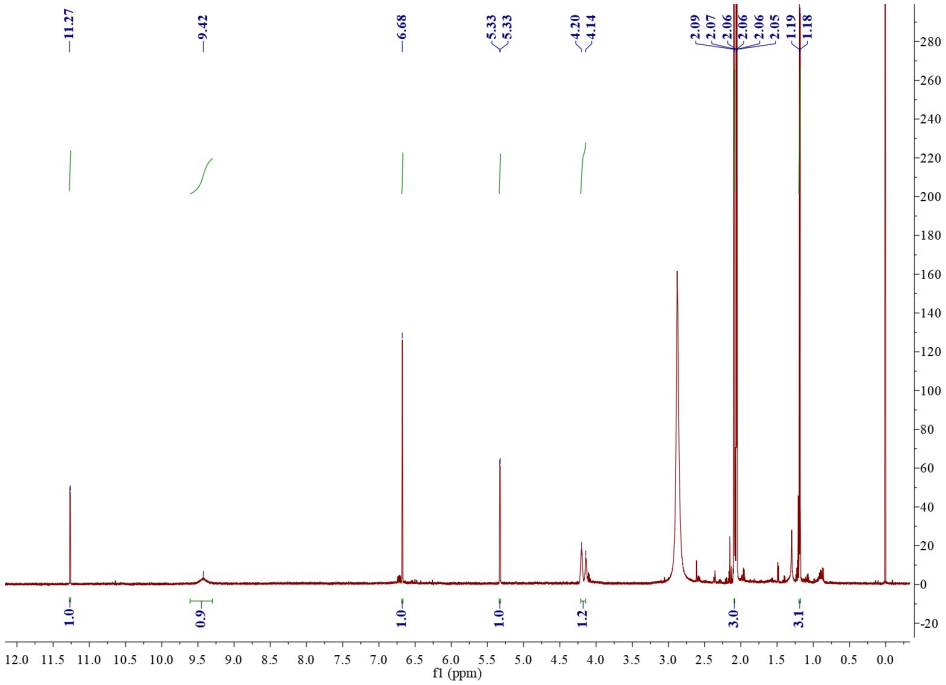

Figure S12 ^{1}H NMR spectrum (600 MHz) of compound **3** in $(CD_3)_2CO$

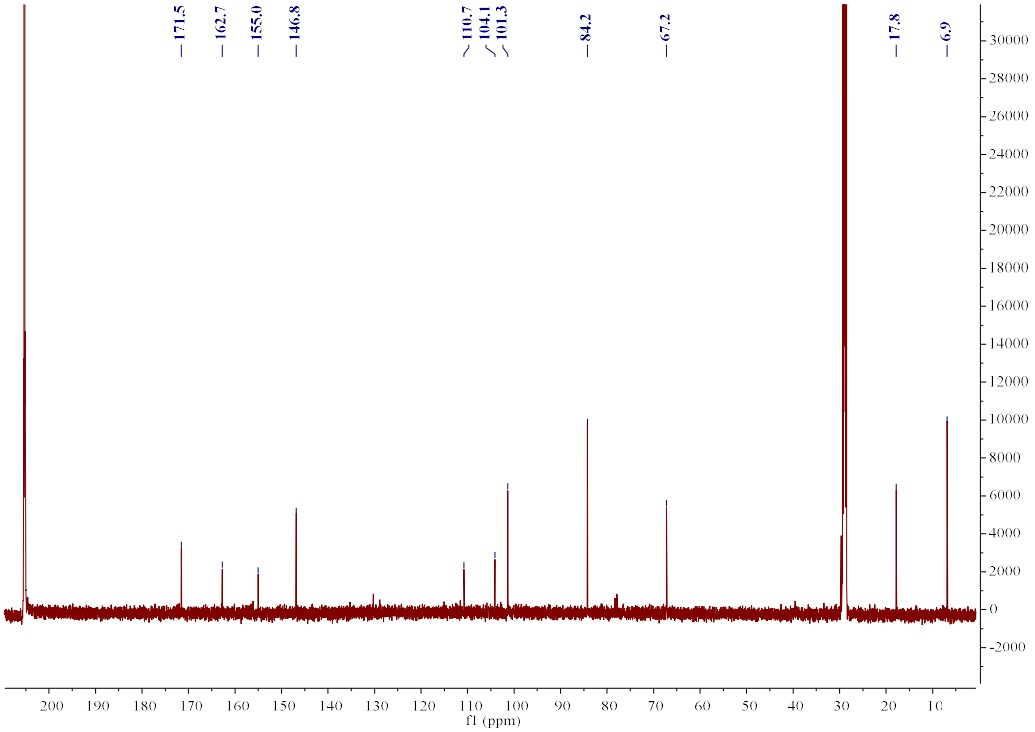

Figure S13 ^{13}C NMR spectrum (150 MHz) of compound **3** in $(CD_3)_2CO$

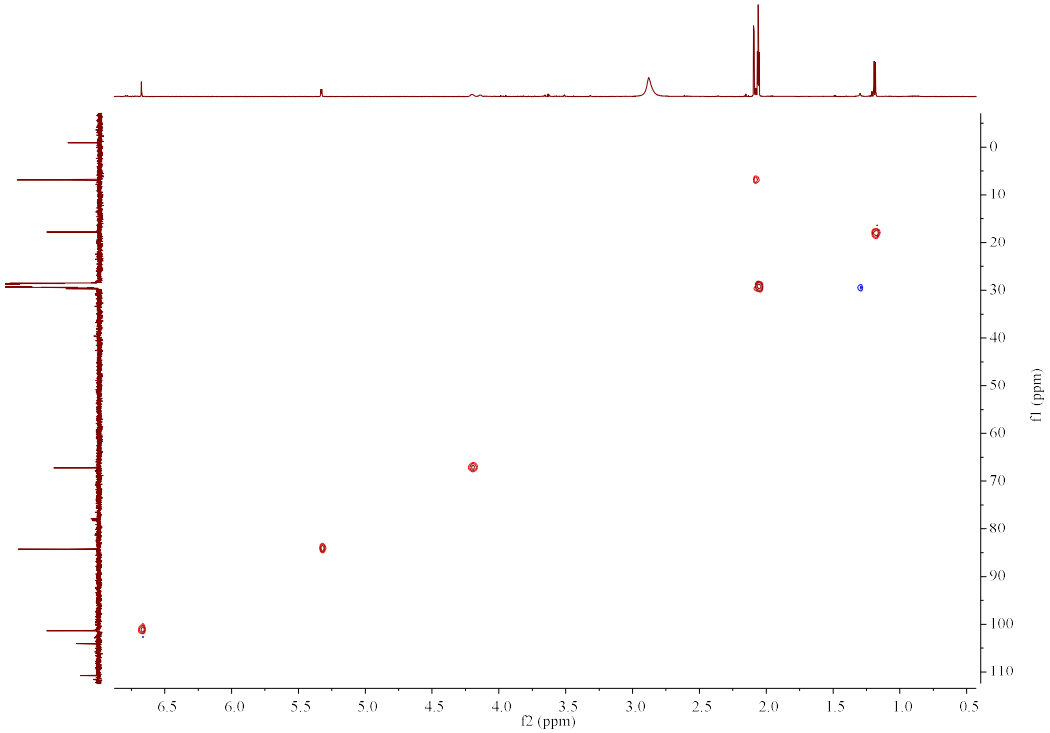

Figure S14 HSQC spectrum (600/150 MHz) of compound **3** in $(CD_3)_2CO$

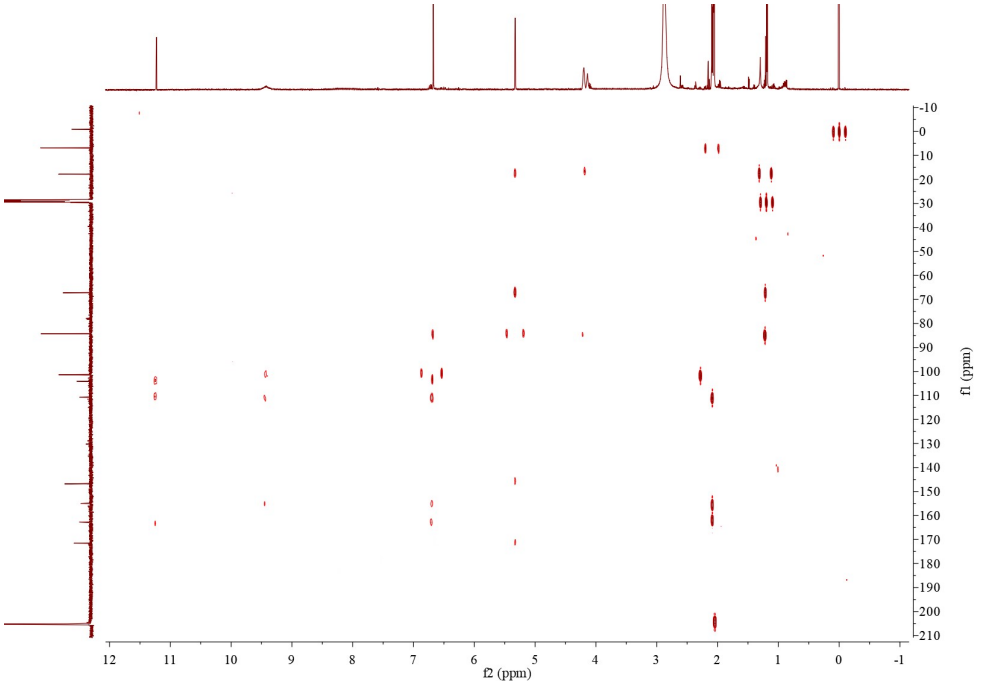

Figure S15 HMBC spectrum (600/150 MHz) of compound **3** in $(CD_3)_2CO$

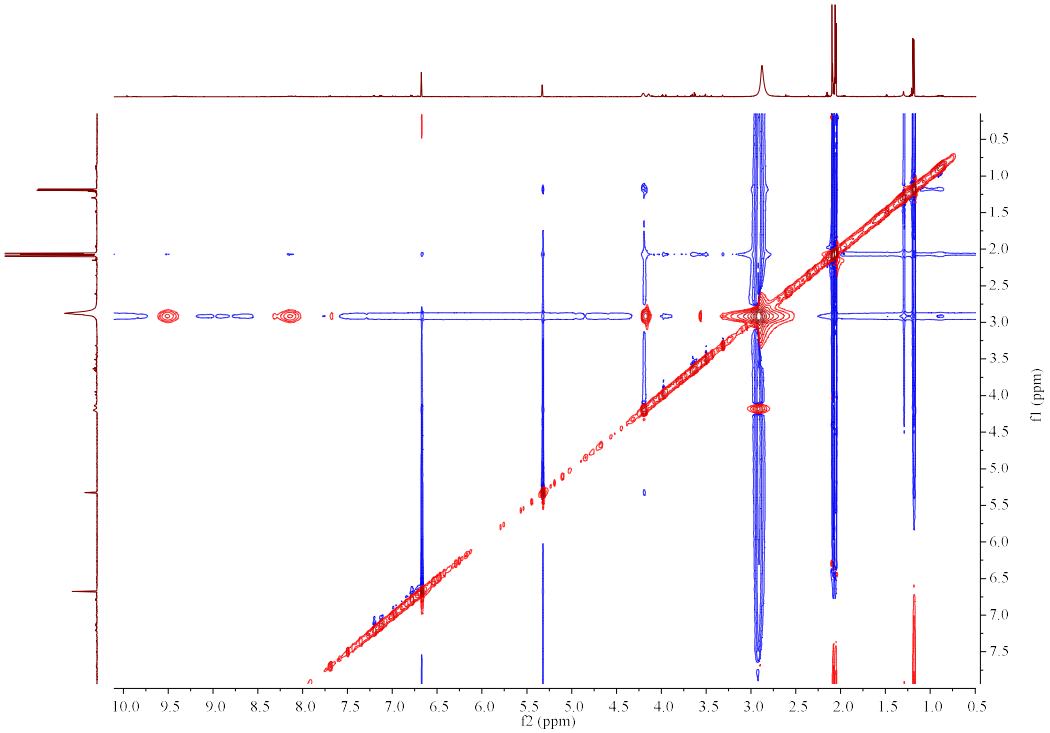

Figure S16 NOESY spectrum (600/150 MHz) of compound **3** in $(CD_3)_2CO$

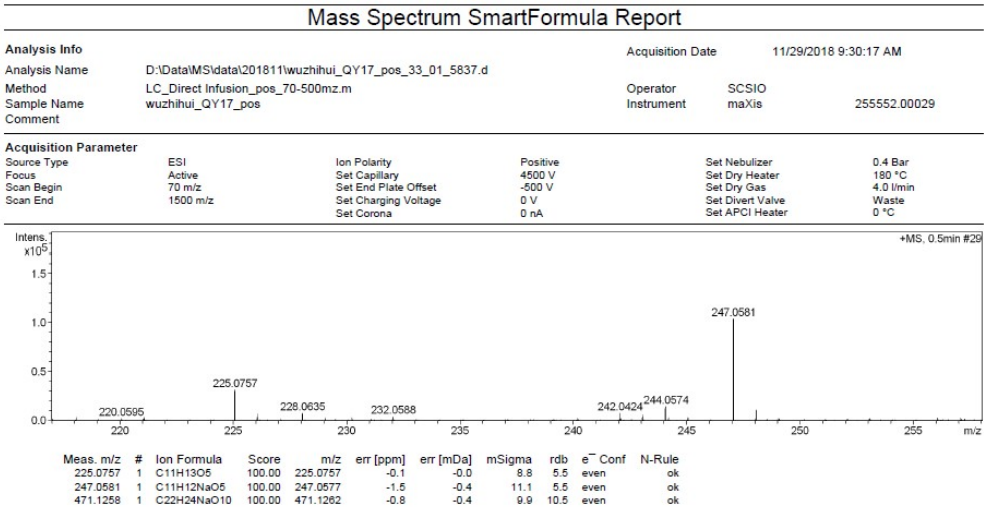

Figure S17 HRESIMS spectrum of compound **3**

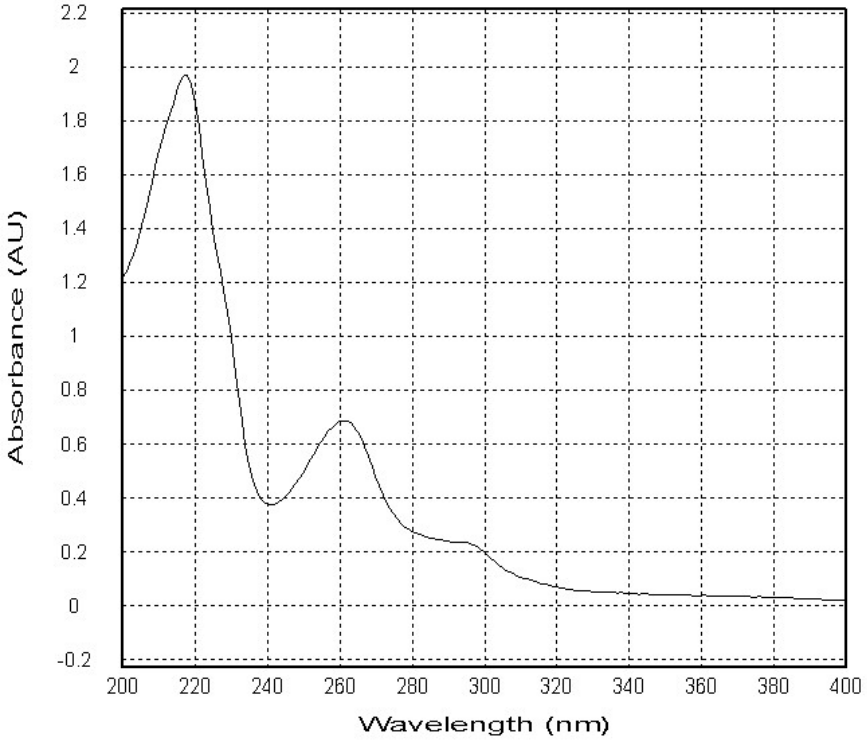

Figure S18 UV spectrum of compound **3**

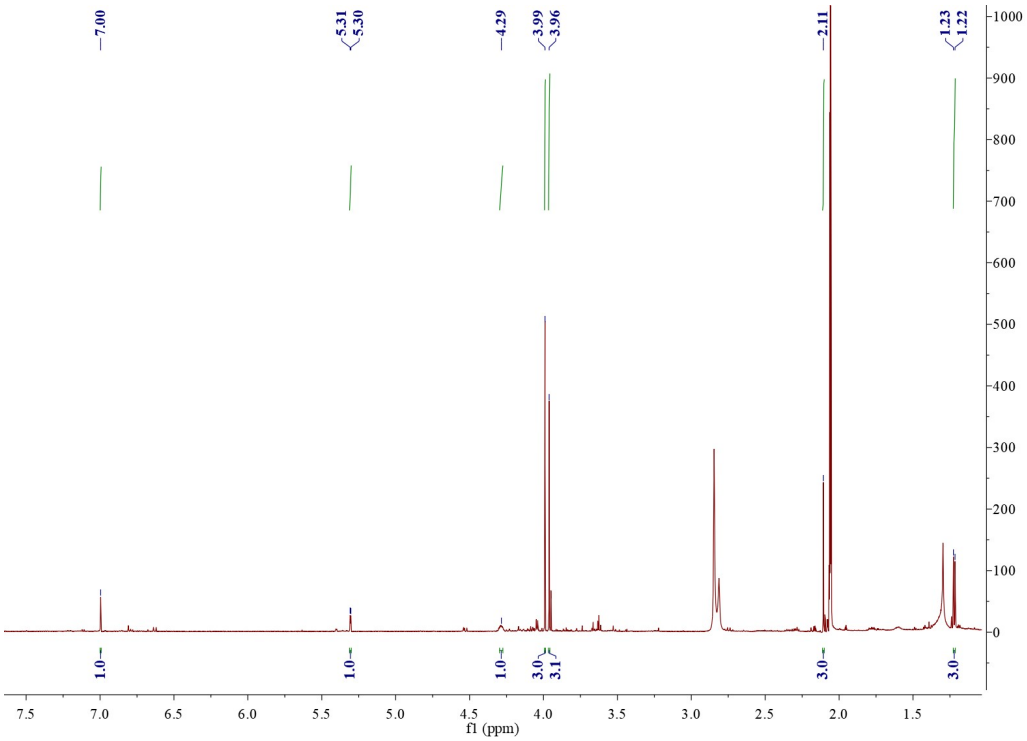

Figure S19 ^{1}H NMR spectrum (600 MHz) of compound **4** in $(CD_3)_2CO$

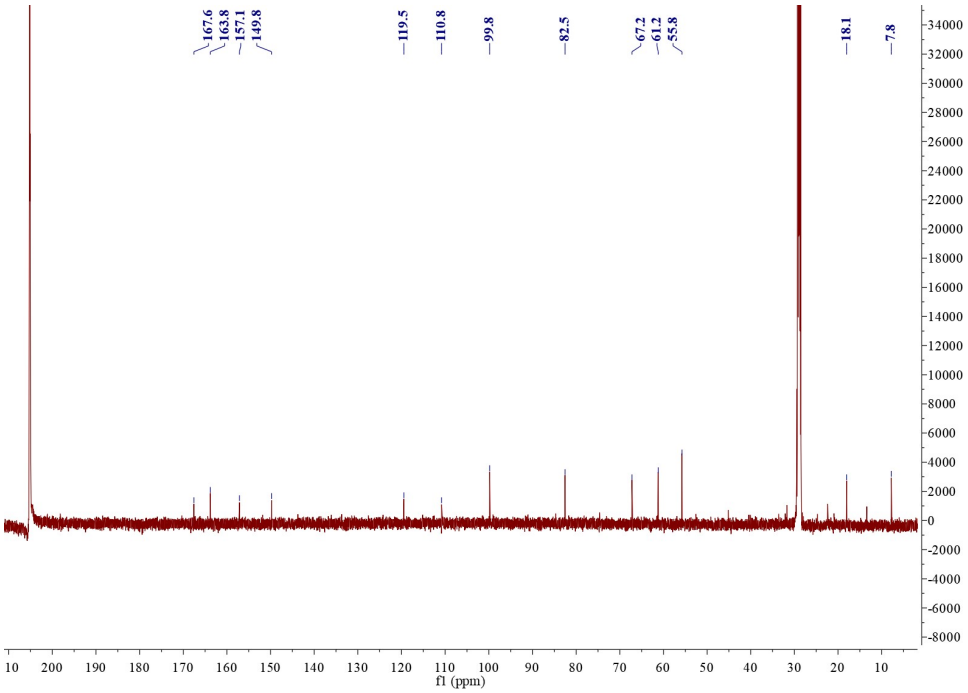

Figure S20 ^{13}C NMR spectrum (150 MHz) of compound **4** in $(CD_3)_2CO$

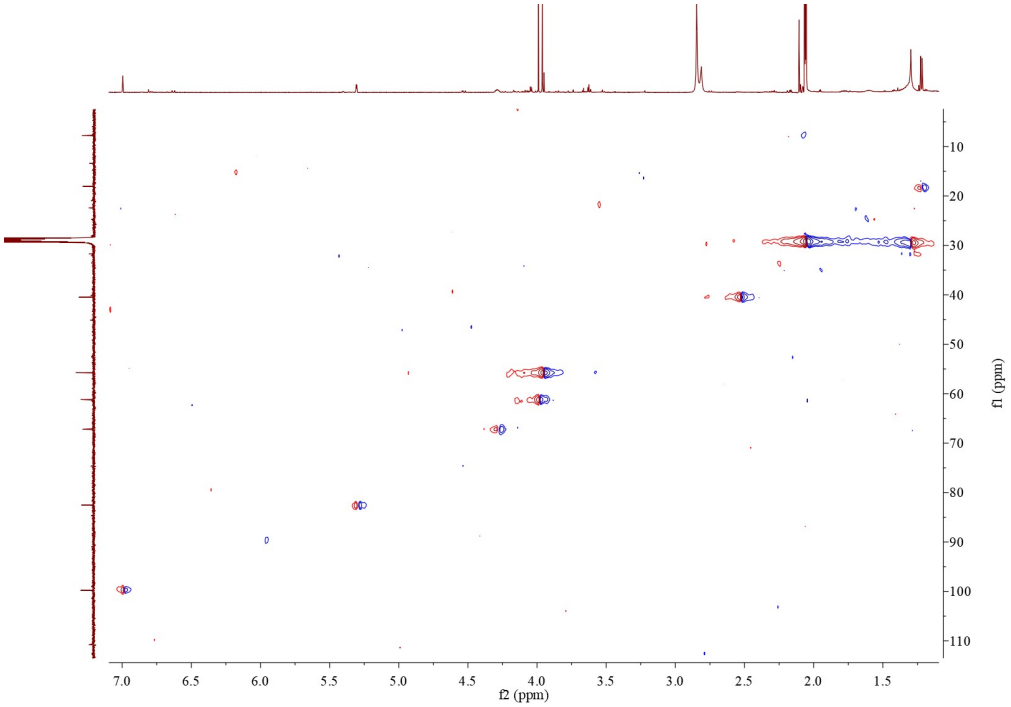

Figure S21 HSQC spectrum (600/150 MHz) of compound **4** in $(CD_3)_2CO$

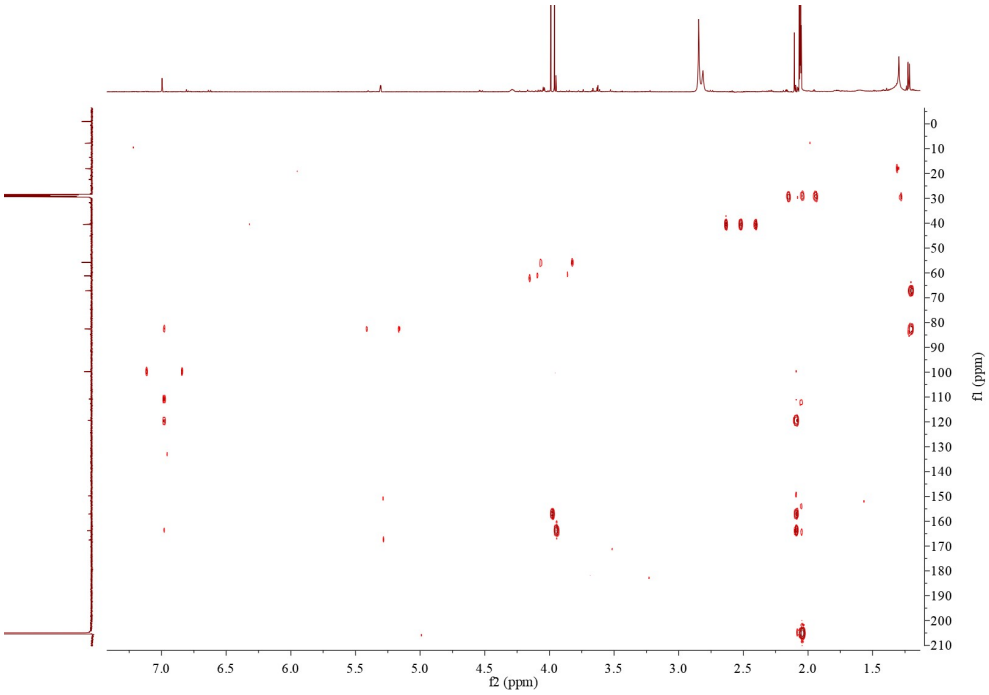

Figure S22 HMBC spectrum (600/150 MHz) of compound **4** in $(CD_3)_2CO$

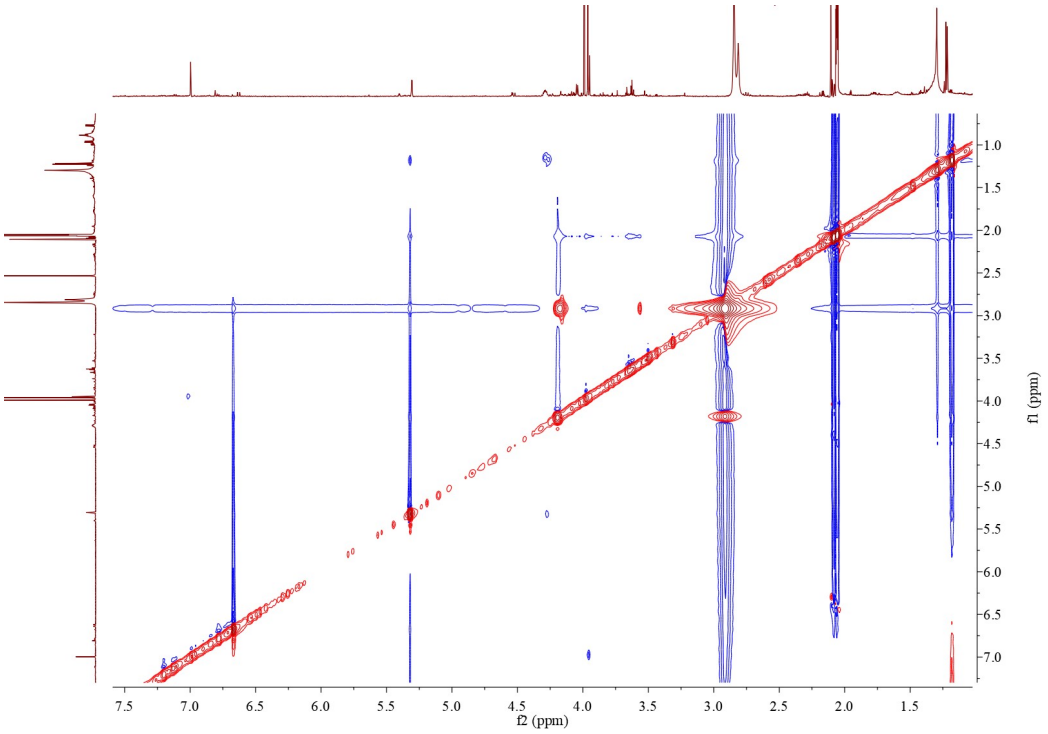

Figure S23 NOESY spectrum (600/150 MHz) of compound **4** in $(CD_3)_2CO$

Mass Spectrum SmartFormula Report

Analysis Info

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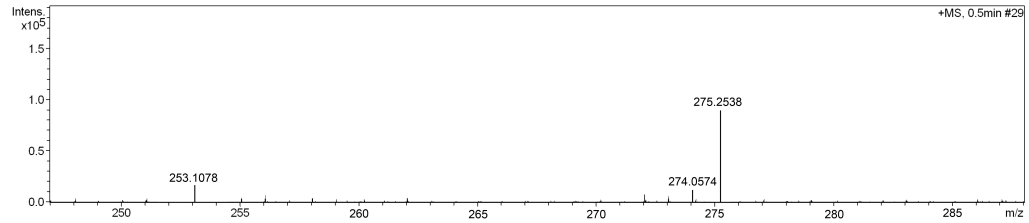
Sample Name	wuzhihui_QY00_pos	Instrument	maXis 255552.00029
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	180 °C
Scan Begin	70 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	1500 m/z	Set Charging Voltage	0 V	Set Divert Valve	Waste
		Set Corona	0 nA	Set APCI Heater	0 °C



Meas. m/z	#	Ion Formula	Score	m/z	err [ppm]	err [mDa]	mSigma	rdb	e⁻ Conf	N-Rule
253.1078	1	C13H17O5	100.00	253.1076	-0.4	-0.2	8.8	5.5	even	ok
275.2538	1	C13H16NaO5	100.00	275.2534	-1.5	-0.4	11.1	5.5	even	ok

Figure S24 HRESIMS spectrum of compound **4**

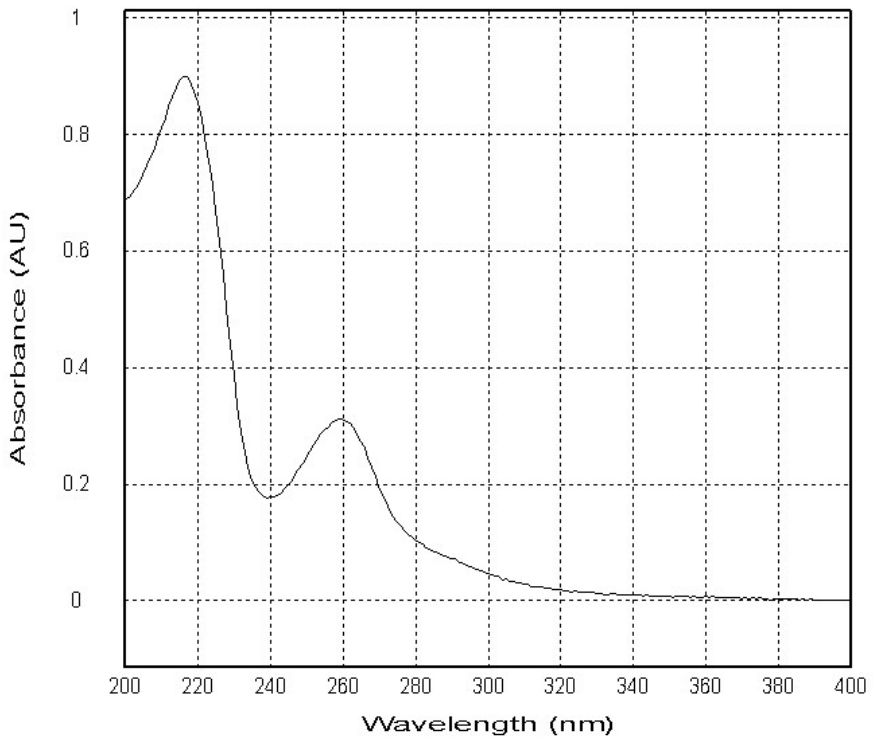


Figure S25 UV spectrum of compound **4**

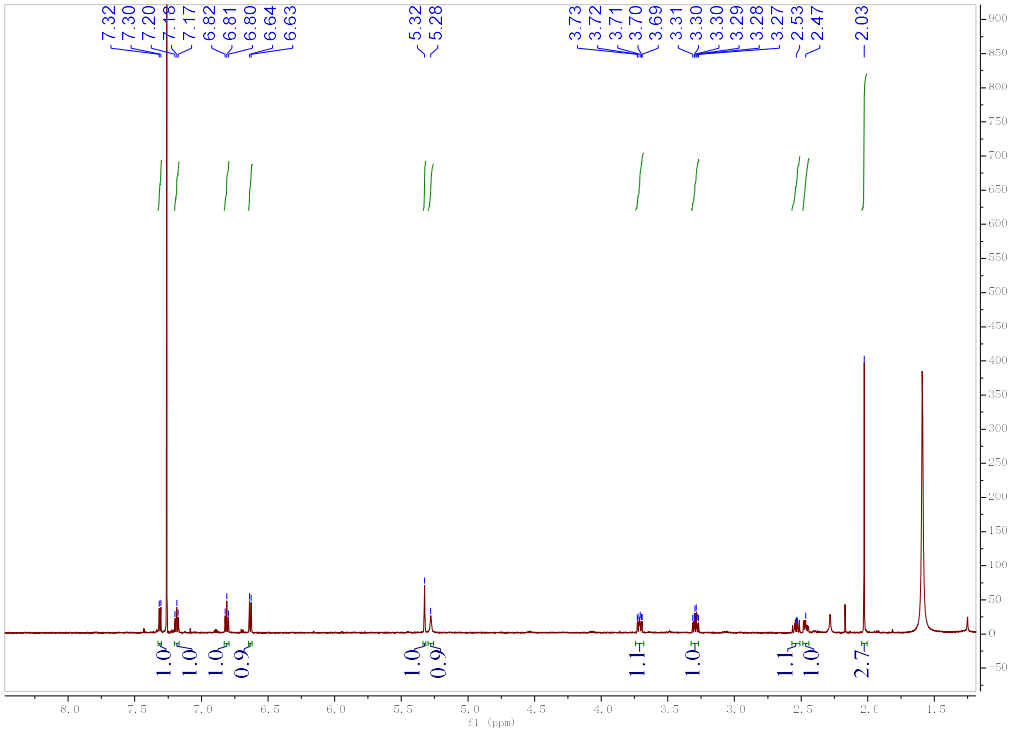


Figure S26 ^{1}H NMR spectrum (600 MHz) of compound **5** in $CDCl_3$

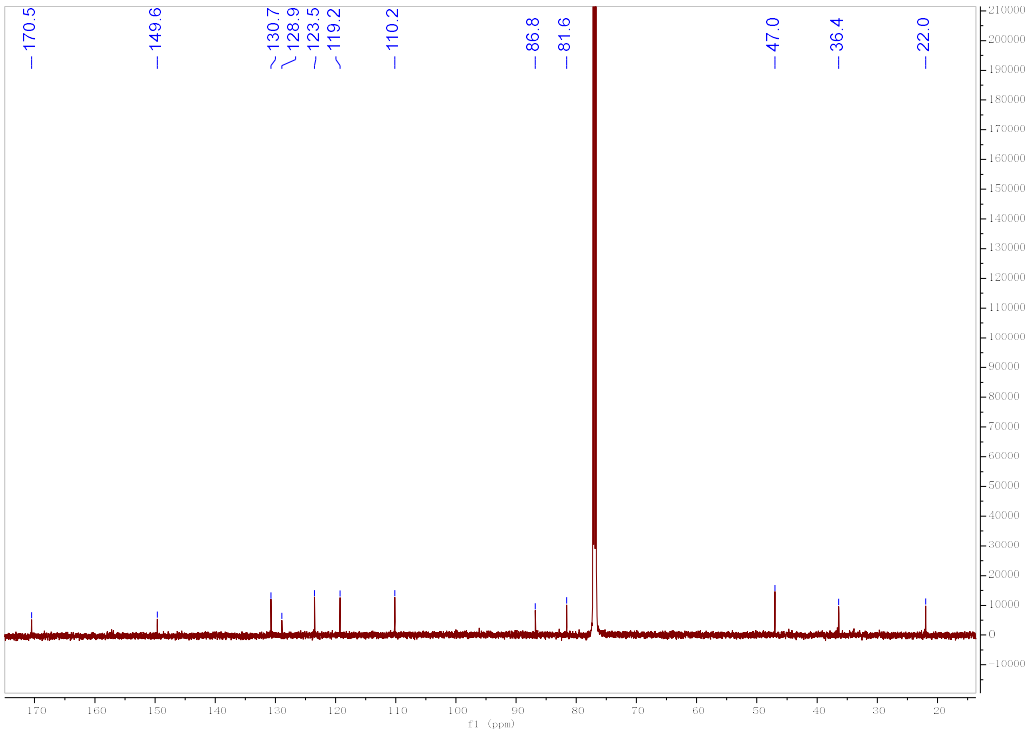


Figure S27 ^{13}C NMR spectrum (150 MHz) of compound **5** in $CDCl_3$

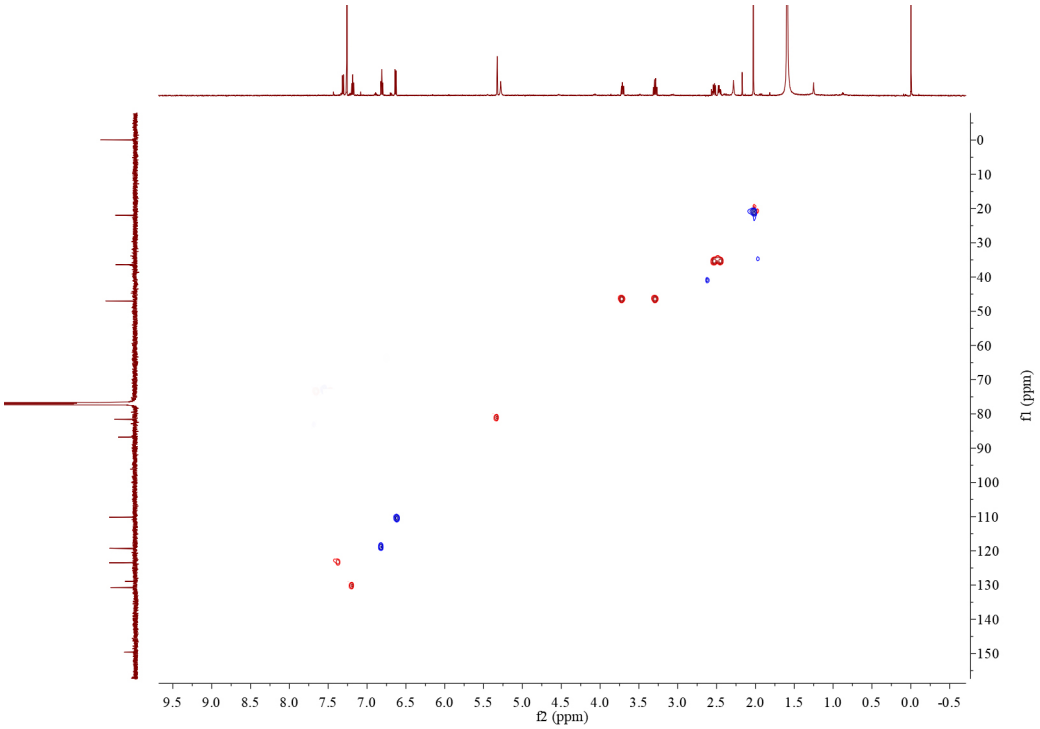


Figure S28 HMBC spectrum (600/150 MHz) of compound **5** in $CDCl_3$

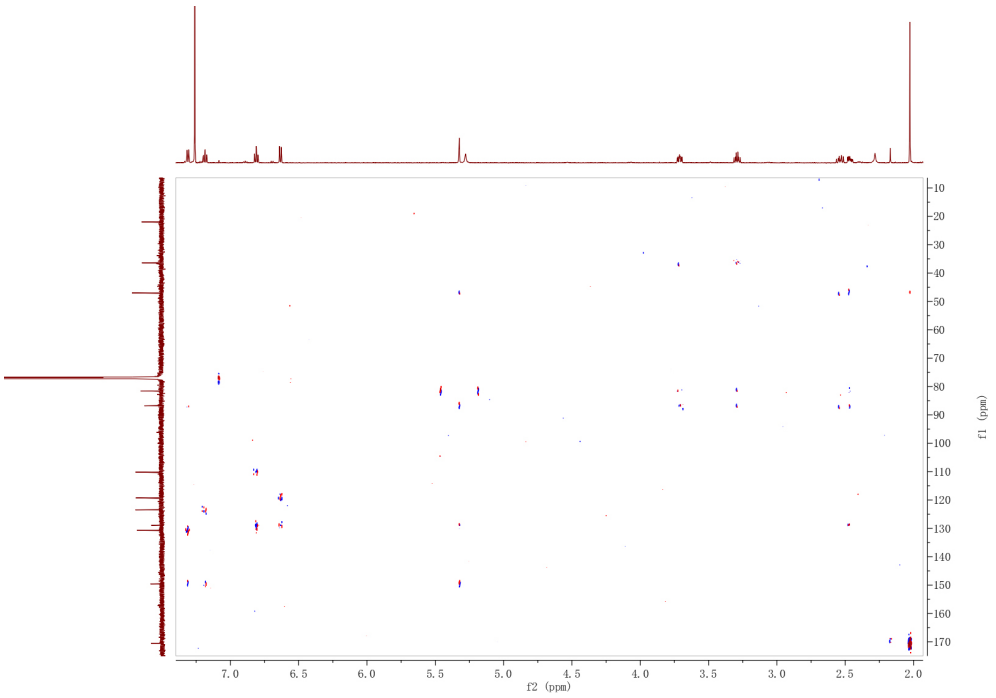


Figure S29 HMBC spectrum (600/150 MHz) of compound **5** in $CDCl_3$

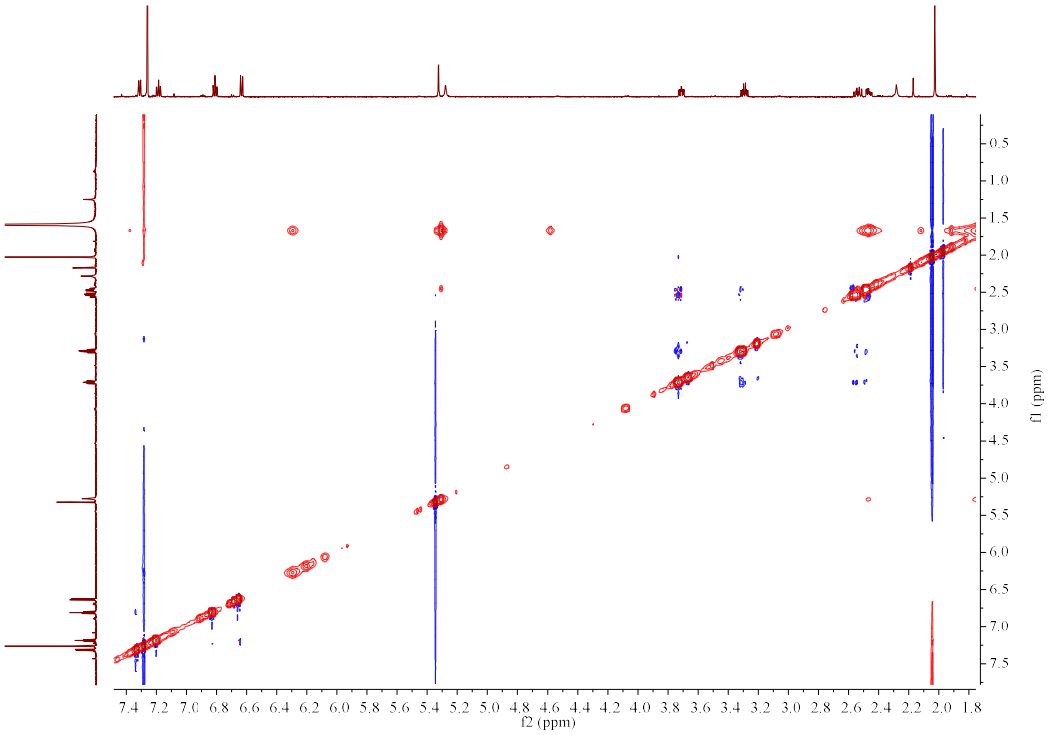


Figure S30 NOESY spectrum (600/150 MHz) of compound **5** in $CDCl_3$

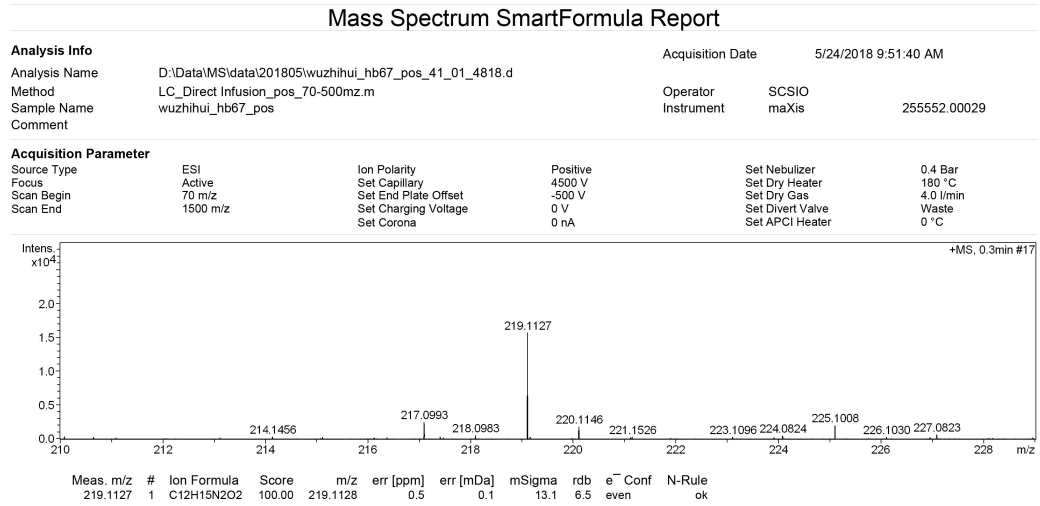


Figure S31 HRESIMS spectrum of compound **5**

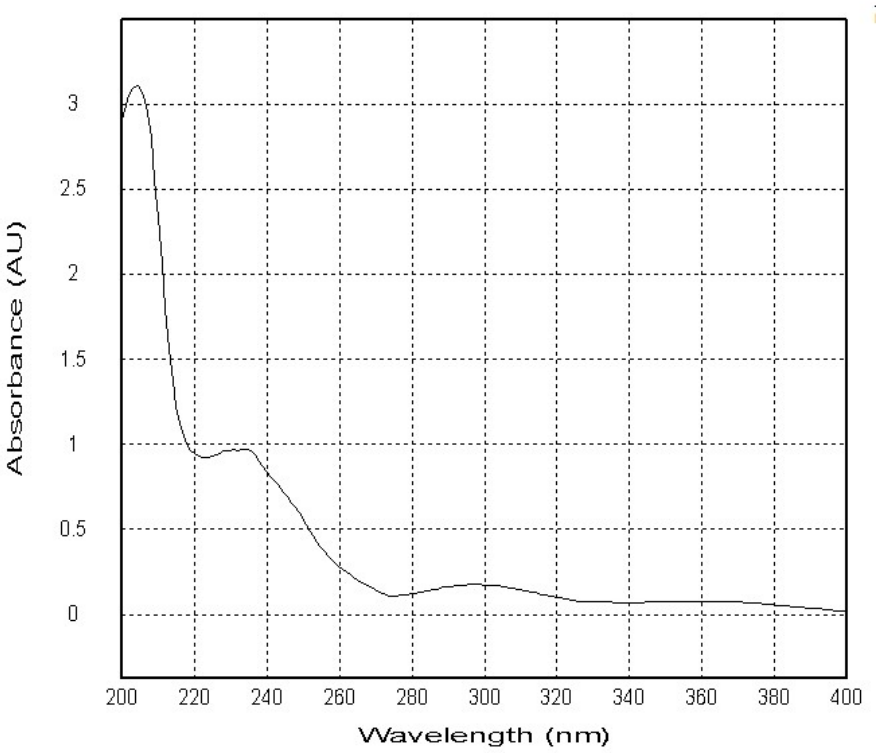


Figure S32 UV spectrum of compound **5**

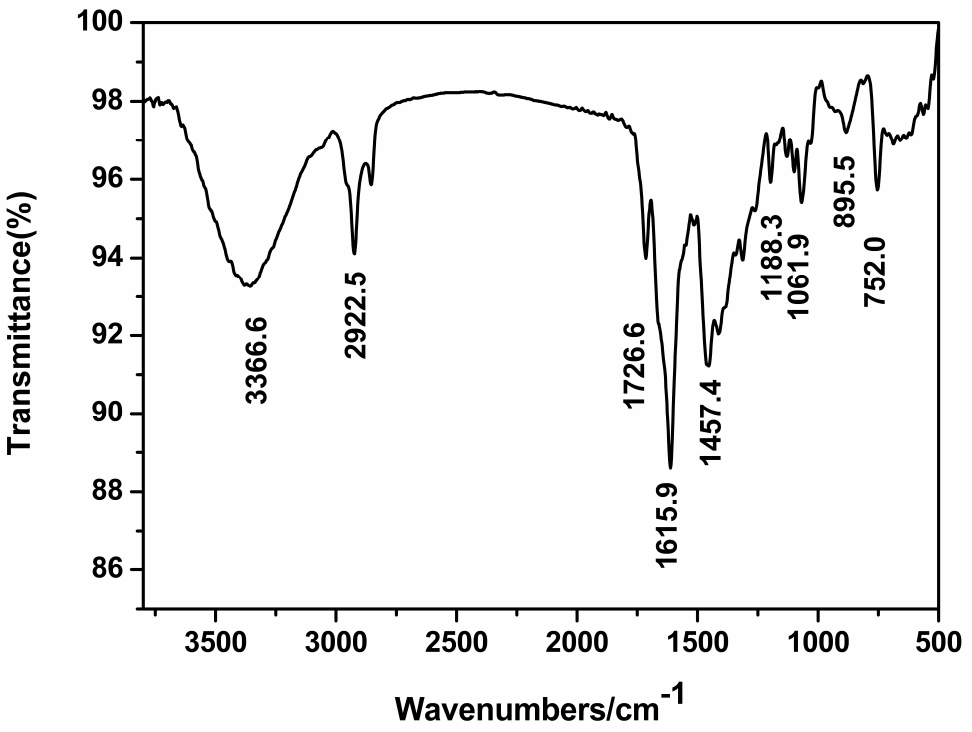


Figure S33 IR spectrum of compound **5**

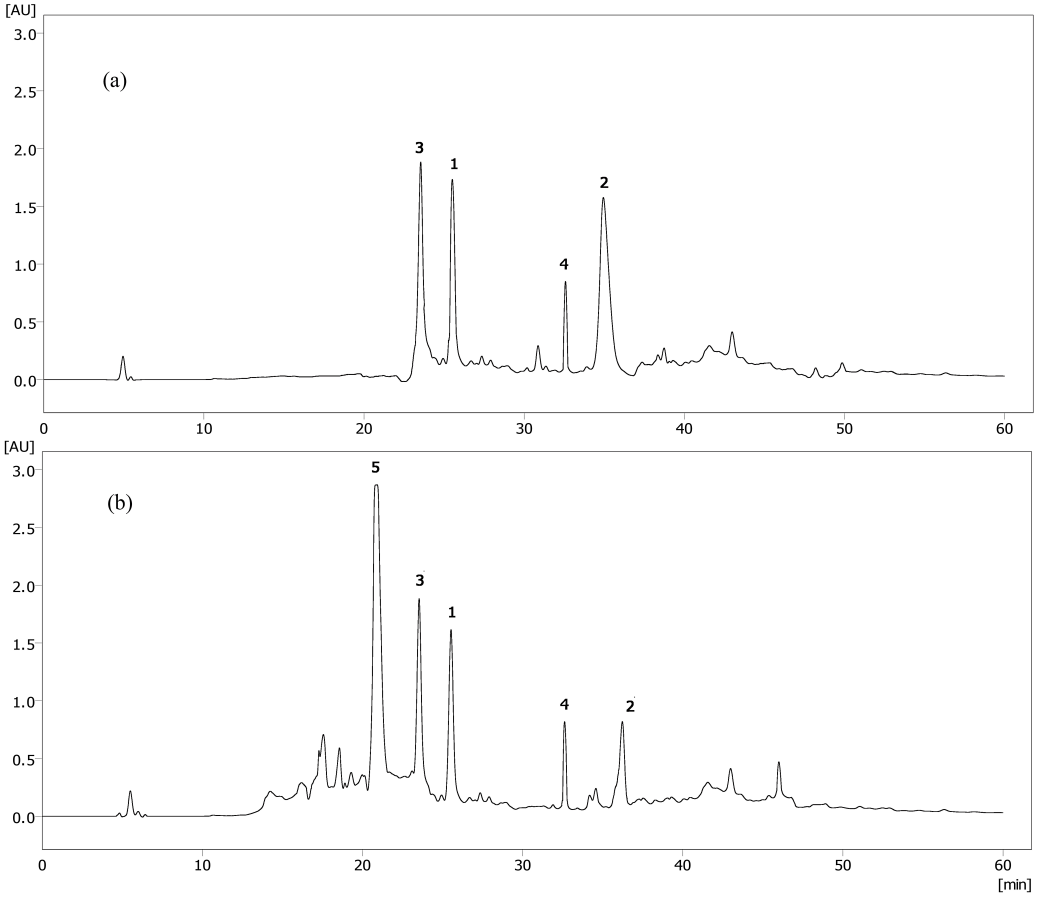


Figure S34 (a) HPLC profile of *B. ramosa* L29 EtOAc extract cultured in autoclaved rice medium; (b) HPLC profile of *B. ramosa* L29 EtOAc extract cultured in autoclaved rice medium with 0.25 mM (2*R*, 3*R*)-3, 5, 7-trihydroxyflavanone 3-acetate from *M. bontioides*. HPLC chromatograms (Hypersil BDS C18 column, 150 × 4.6 mm, 5 μm) using a gradient of MeOH/H_2O (20:80—80:20, 0–30 min; 80:20—100: 0, 30–45 min; 100: 0, 45–60 min) at a flow rate of 1.0 mL/min, and recorded at 254 nm).