Supplementary Materials: Identification and antifungal activity of compounds from the mangrove endophytic fungus *Aspergillus clavatus* R7

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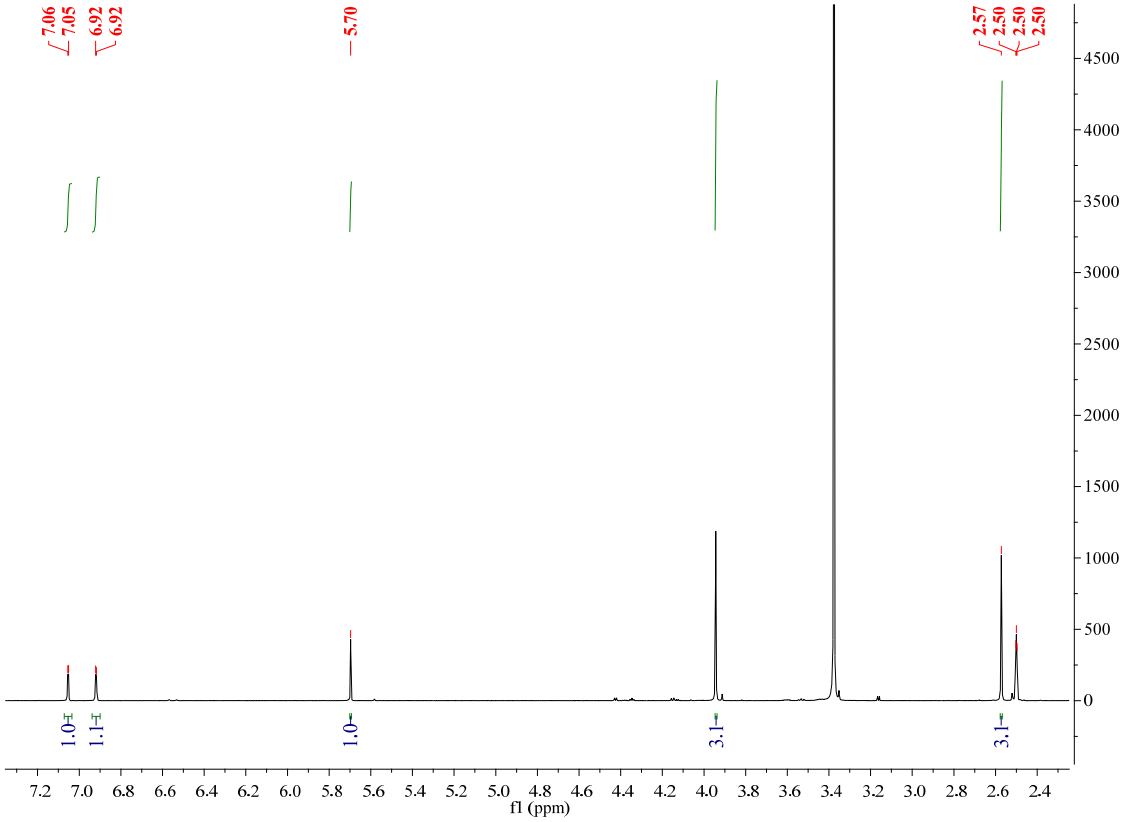

Figure S1. [1]H NMR spectrum (600 MHz) of compound **1** in DMSO.

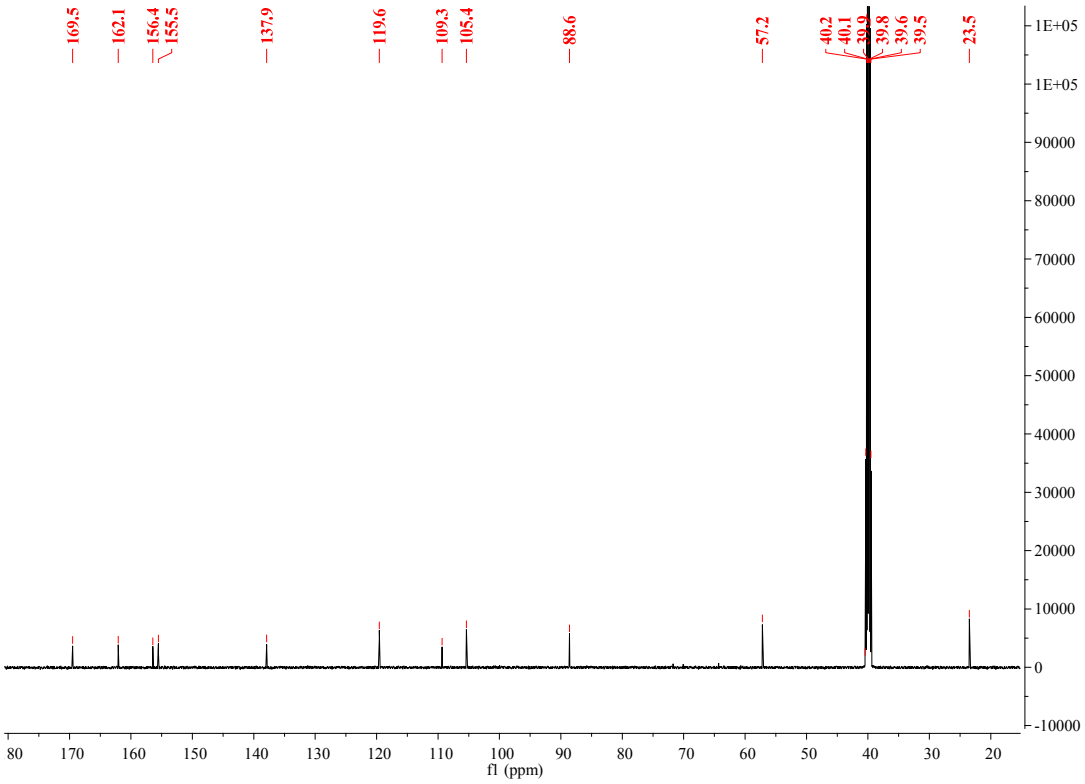

Figure S2. [13]C NMR spectrum (150 MHz) of compound **1** in DMSO

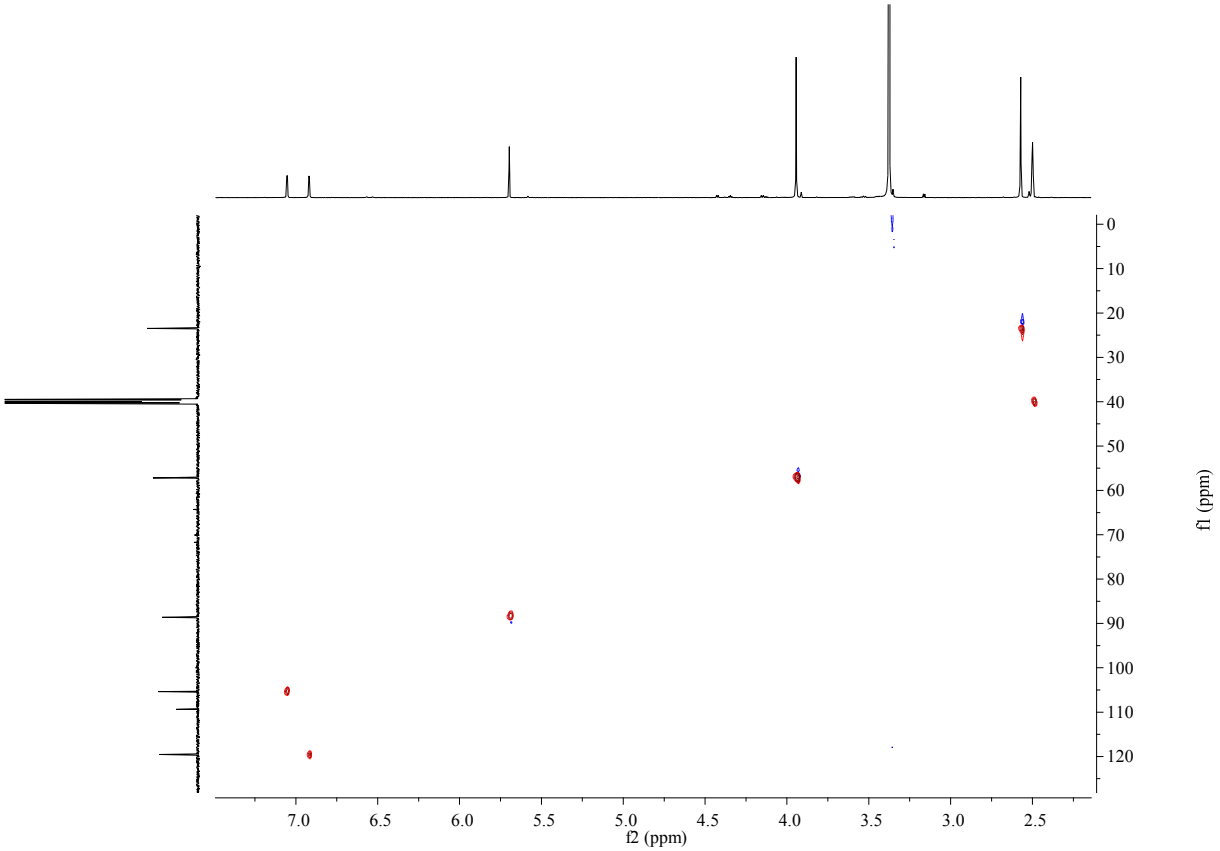

Figure S3. HSQC spectrum (600/150 MHz) of compound **1** in DMSO

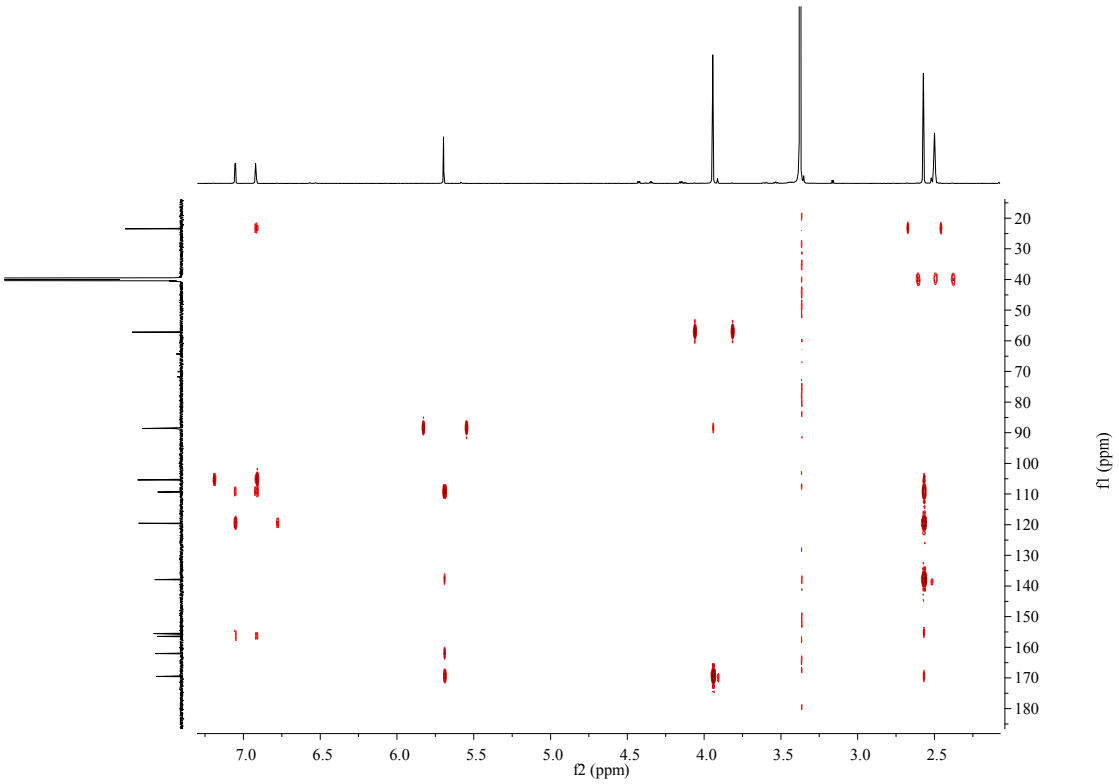

Figure S4. HMBC spectrum (600/150 MHz) of compound **1** in DMSO.

Generic Display Report

Analysis Info

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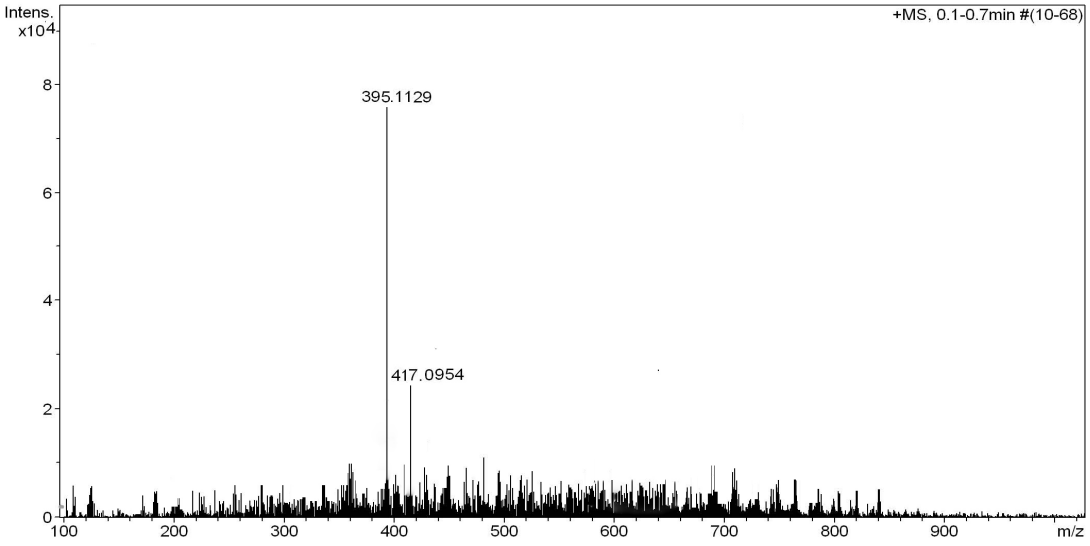
Sample Name	lijun_AM_EtOAc	Instrument	amaZon SL
Comment			

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	100 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	2000 m/z	Set Collision Cell RF	800.0 Vpp	Set Divert Valve	Waste



Meas. m/z	#	Formula	Score	m/z	err [ppm]	err [mDa]	mSigma	rdb	e⁻ Conf	N-Rule
395.1129	1	C 22 H 19 O 7	100.00	395.1125	0.8	0.4	26.9	13.5	even	ok
417.0954	1	C 22 H 18 Na O 7	100.00	417. 0950	1.3	0.6	15.3	13.5	even	ok

Figure S5. HRESIMS spectrum of compound **1**.

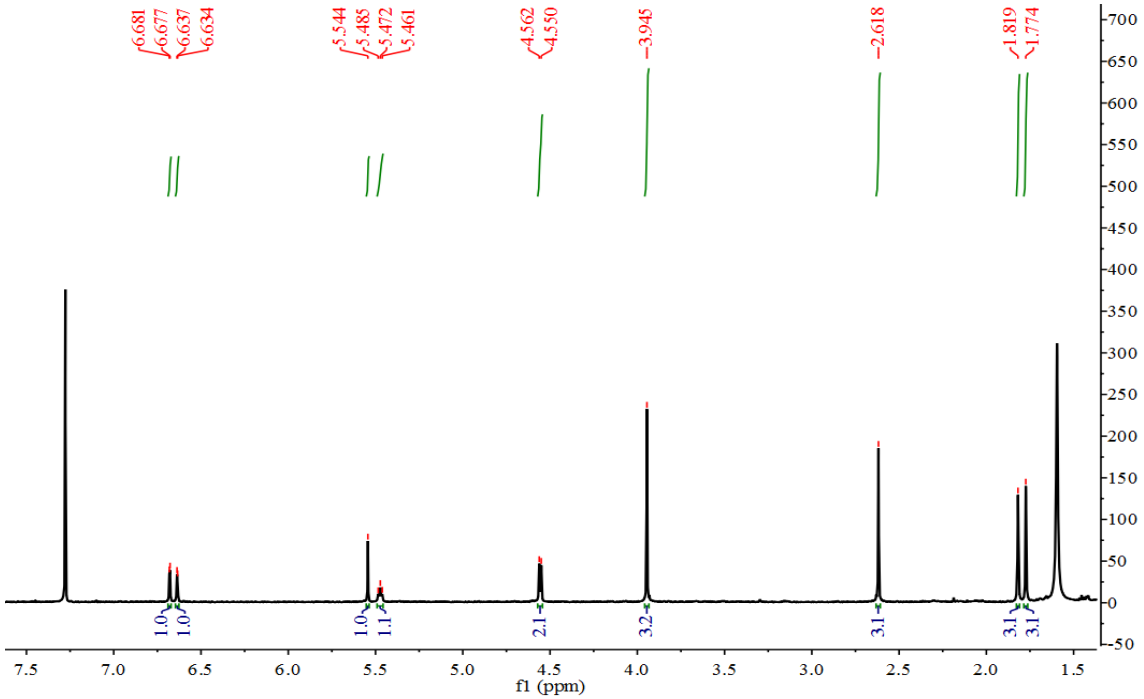


Figure S6. ^{1}H NMR spectrum (600 MHz) of compound **2** in $CDCl_3$.

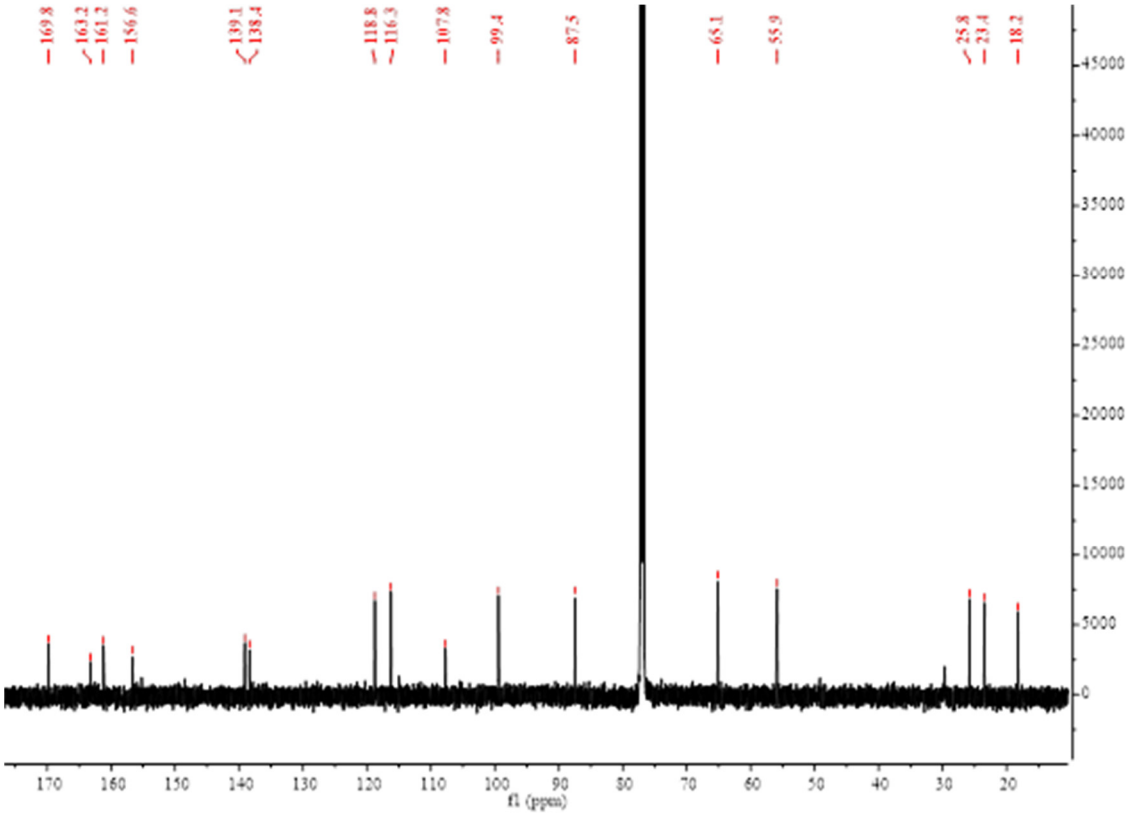


Figure S7. ^{13}C NMR spectrum (600 MHz) of compound **2** in $CDCl_3$.

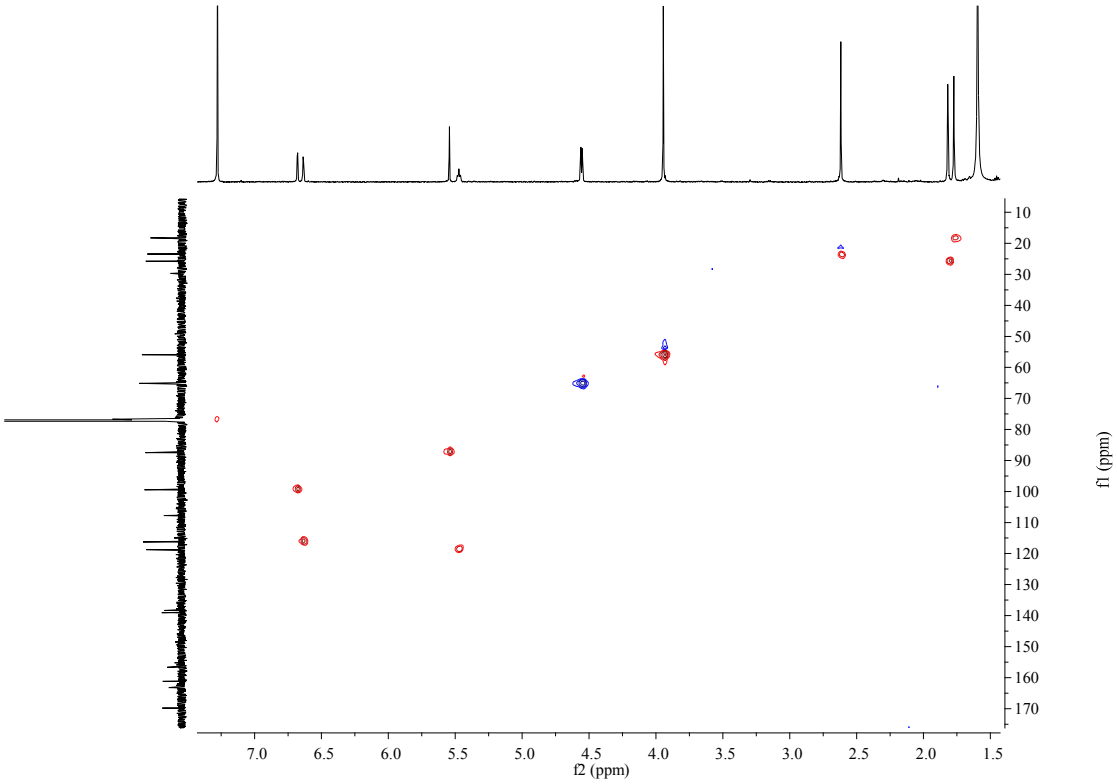


Figure S8. HSQC spectrum (600/150 MHz) of compound **2** in $CDCl_3$.

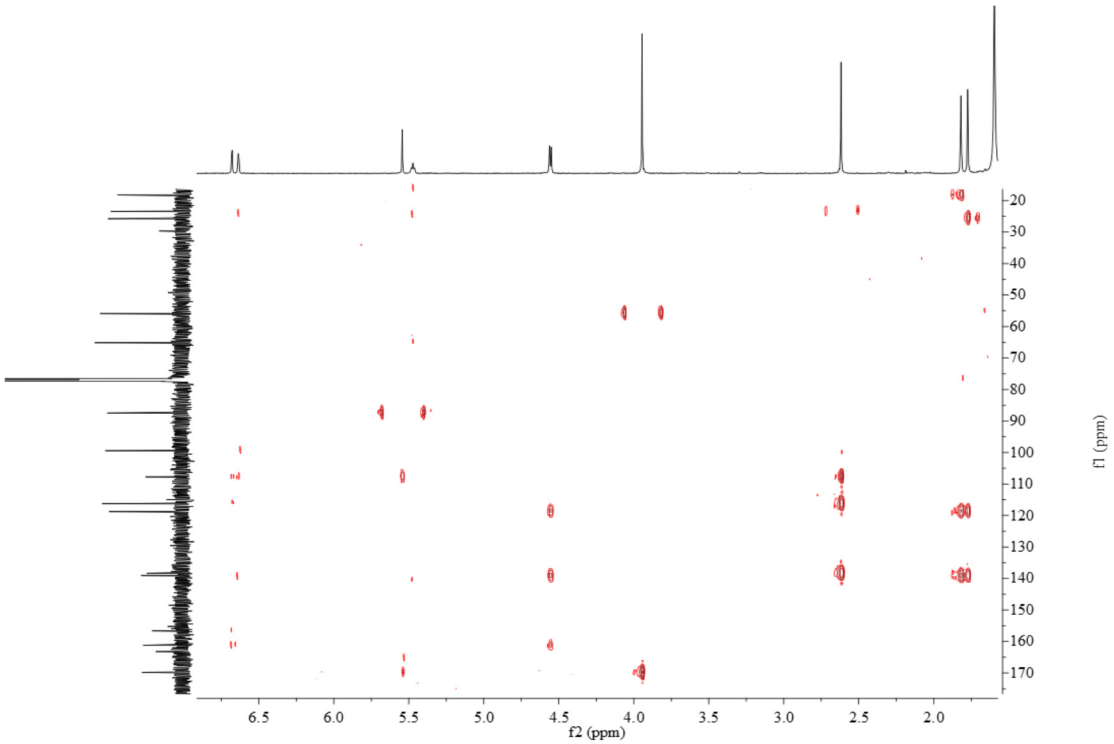


Figure S9. HMBC spectrum (600/150 MHz) of compound **2** in $CDCl_3$.

Mass Spectrum SmartFormula Report

Analysis Info

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Sample Name	liwensheng_kcn-18f_pos	Instrument	maXis 255552.00029
Comment			

Acquisition Parameter

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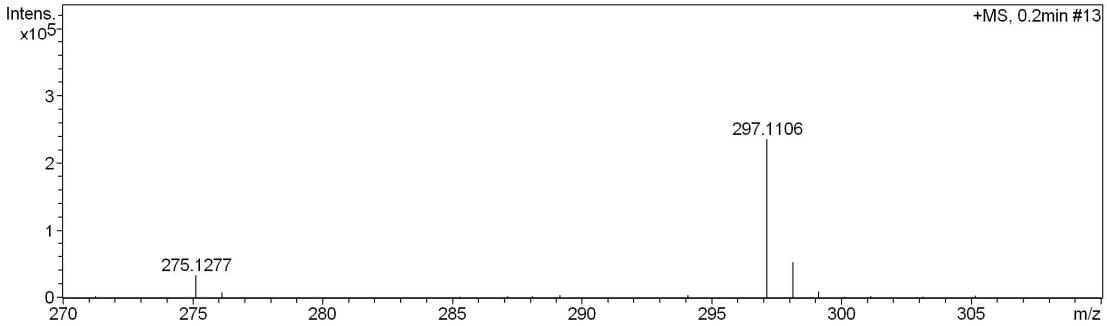
Scan End	2000 m/z	n/a	n/a	Set Divert Valve	Waste
		Set Corona	0 nA	Set APCI Heater	0 °C



Meas. m/z	#	Ion Formula	Score	m/z	err [ppm]	err [mDa]	mSigma	rdb	e¯ Conf	N-Rule
275.127743	1	C16H19O4	100.00	275.127786	0.2	0.0	34.2	7.5	even	ok
297.110629	1	C16H18NaO4	100.00	297.109730	3.0	0.9	27.9	7.5	even	ok
571.232300	1	C32H36NaO8	26.77	571.230239	-3.6	-2.1	30.7	14.5	even	ok

Figure S10. HRESIMS spectrum of compound **2**.

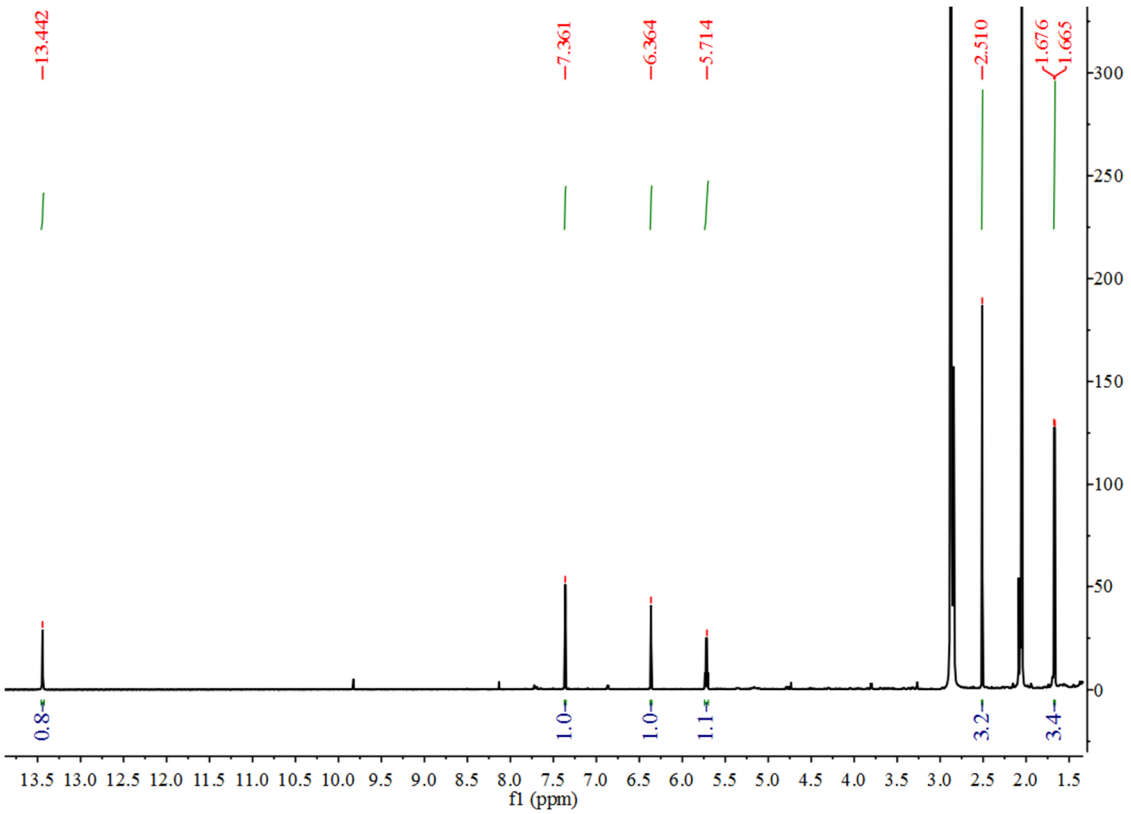


Figure S11. ^{1}H NMR spectrum (600 MHz) of compound **5** in CD_3COCD_3.

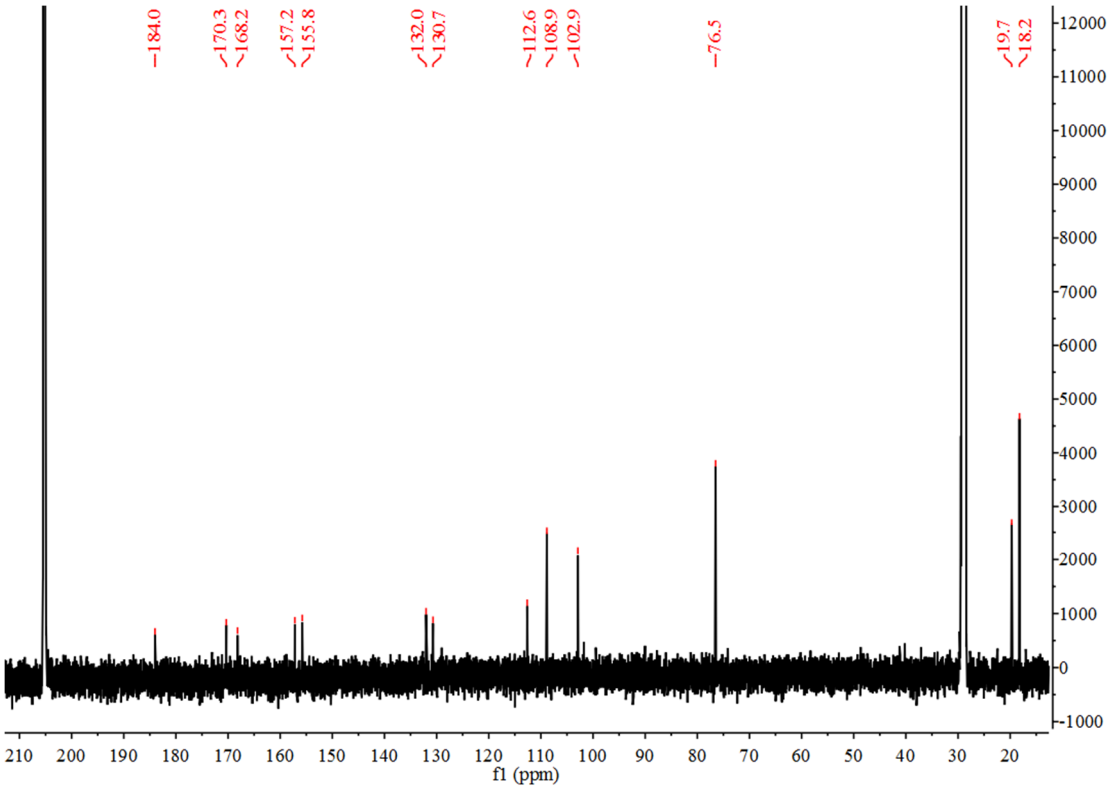


Figure S12. ^{13}C NMR spectrum (150 MHz) of compound **5** in CD_3COCD_3.

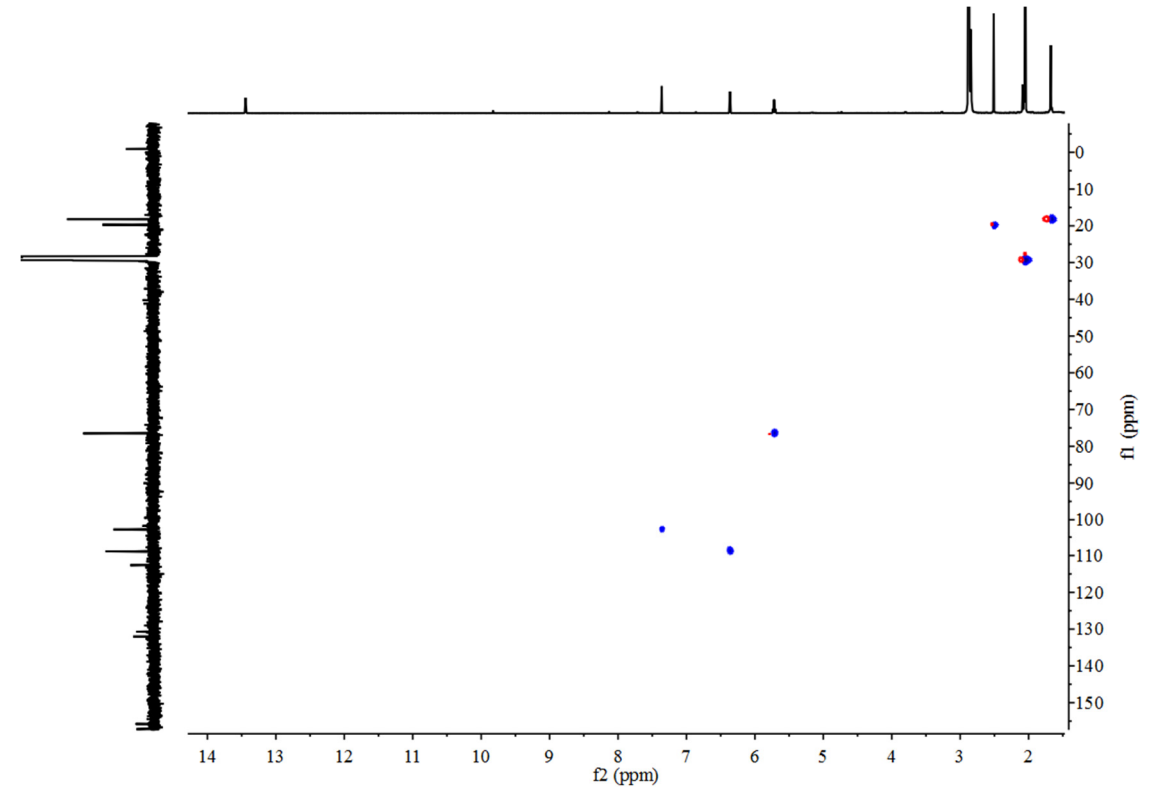


Figure S13. HSQC spectrum (600/150 MHz) of compound **5** in CD_3COCD_3.

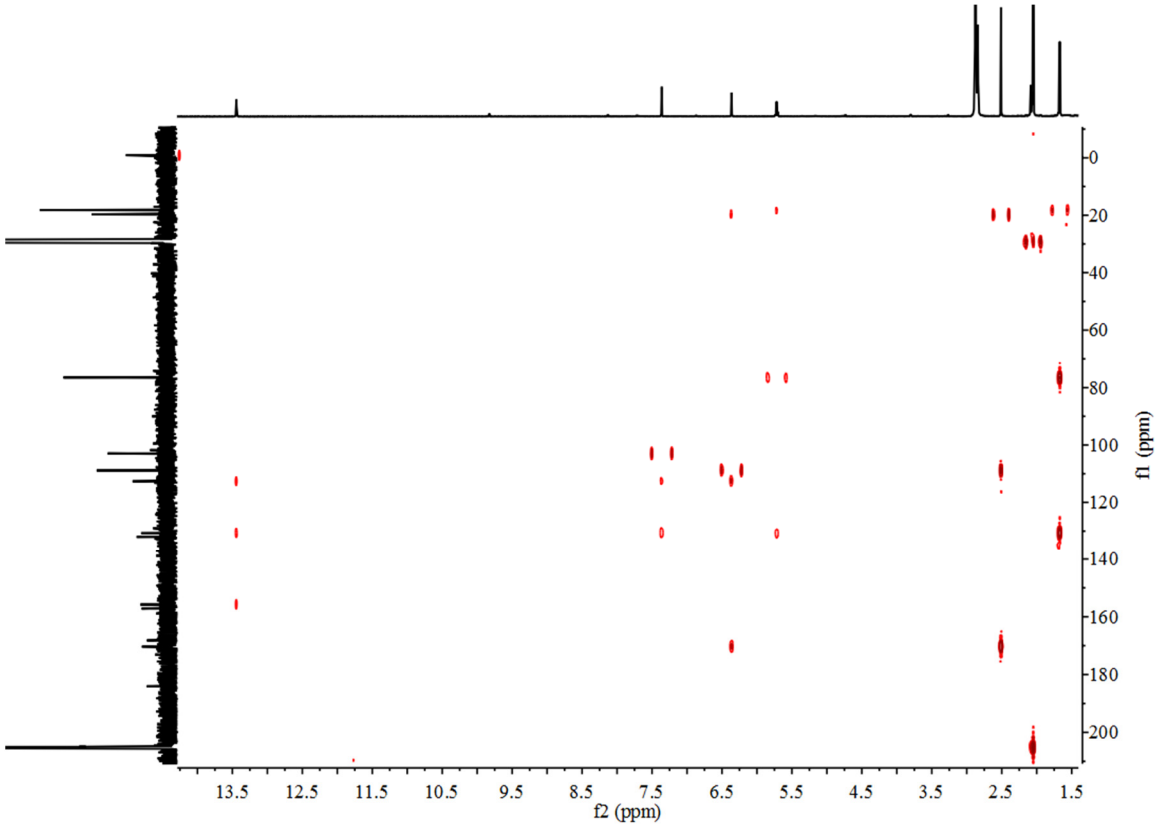


Figure S14. HMBC spectrum (600/150 MHz) of compound **5** in CD_3COCD_3.

Mass Spectrum SmartFormula Report

Analysis Info

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Sample Name	zhuxinwei_ZH-3_pos	Instrument / Ser#	maXis 29
Comment			

Acquisition Parameter

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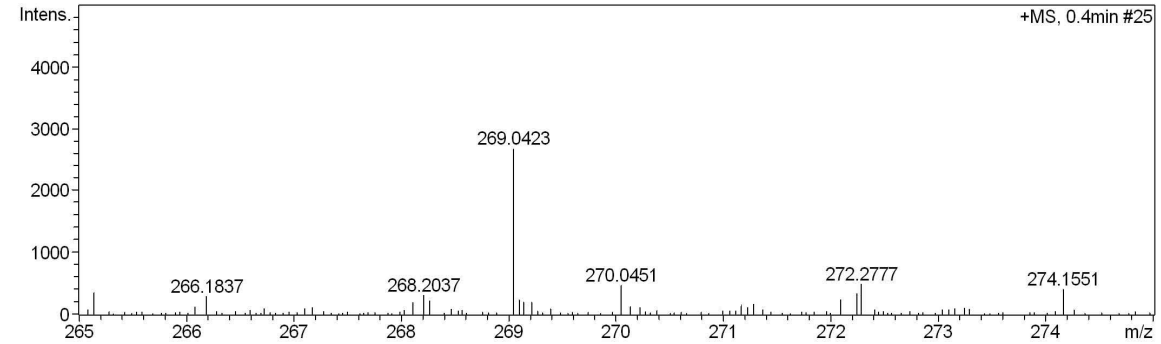
Scan Begin	100 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	2000 m/z	Set Collision Cell RF	800.0 Vpp	Set Divert Valve	Waste



Meas. m/z	#	Formula	Score	m/z	err [ppm]	err [mDa]	mSigma	rdb	e⁻ Conf	N-Rule
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Figure S15. HRESIMS spectrum of compound **5**.

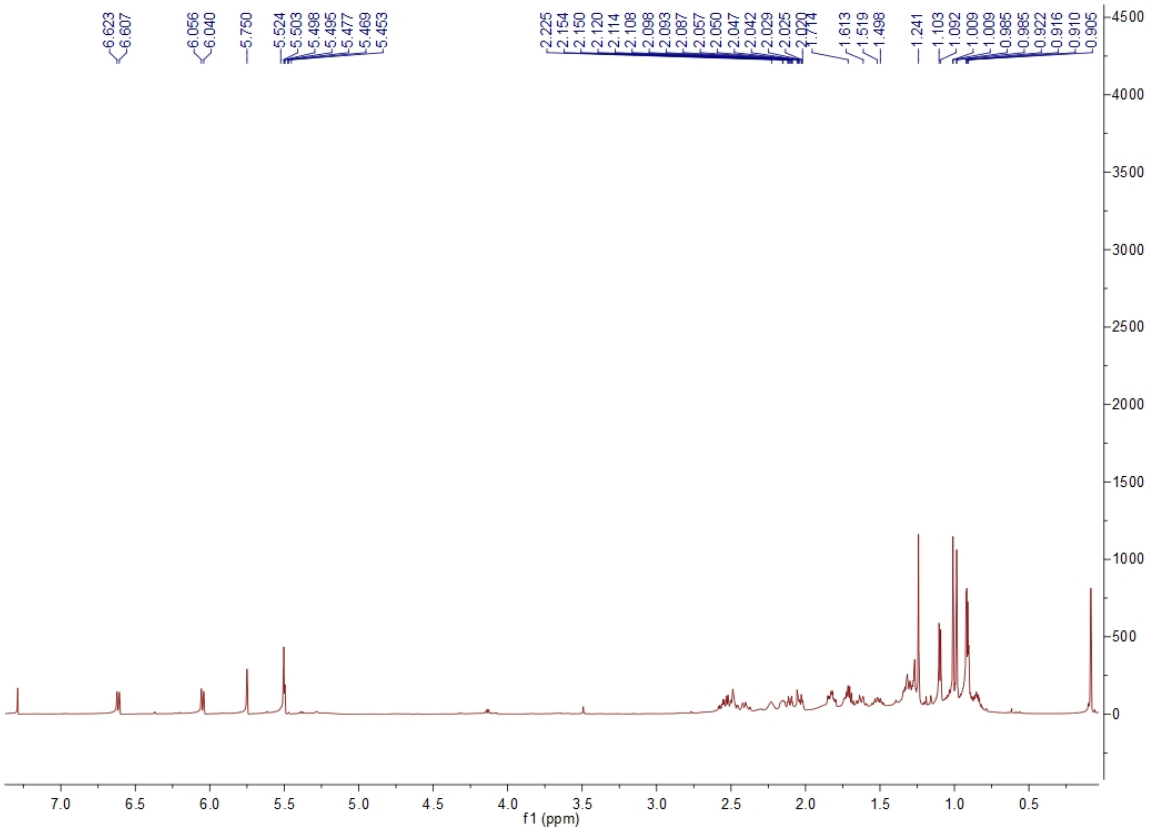

Figure S16. ^{1}H NMR spectrum (600 MHz) of compound **6** in $CDCl_3$.

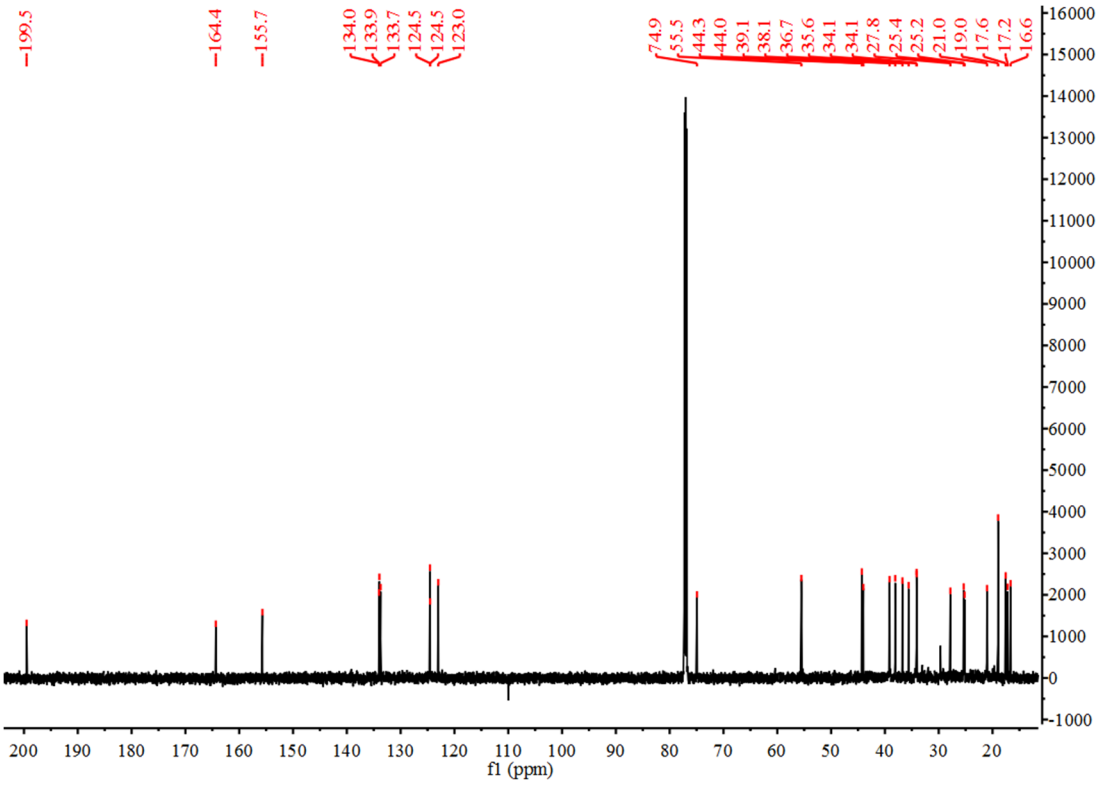

Figure S17. ^{13}C NMR spectrum (600 MHz) of compound **6** in $CDCl_3$.

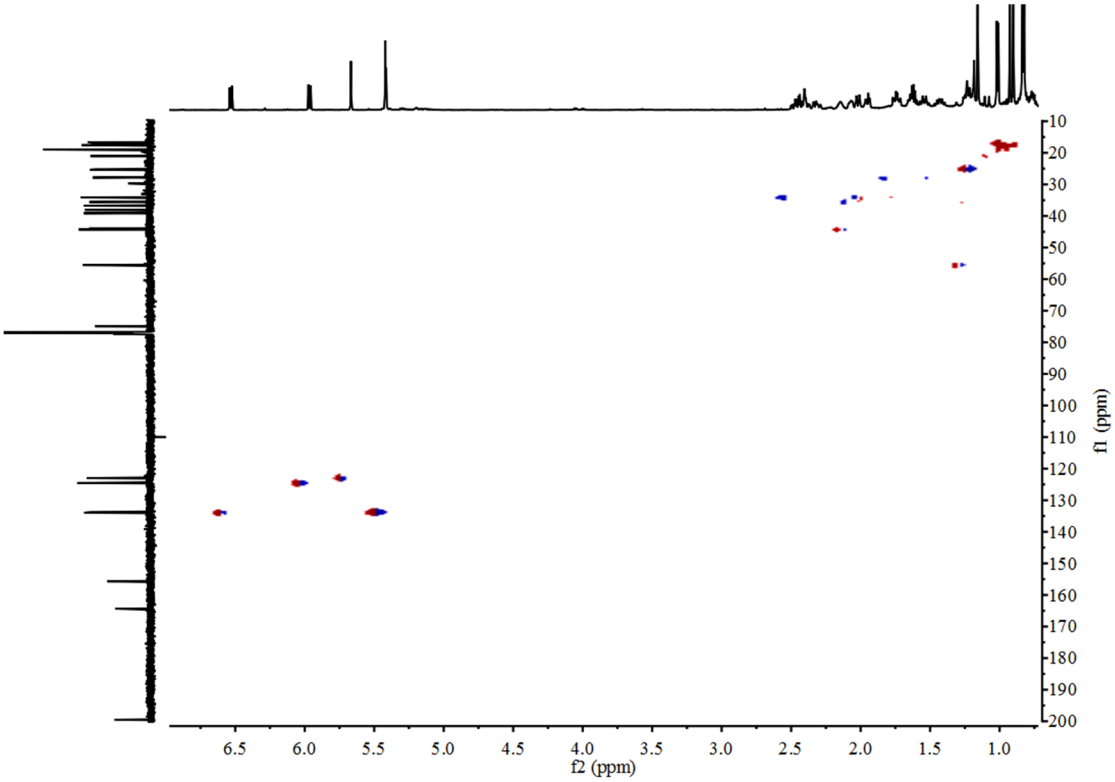

Figure S18. HSQC spectrum (600/150 MHz) of compound **6** in $CDCl_3$

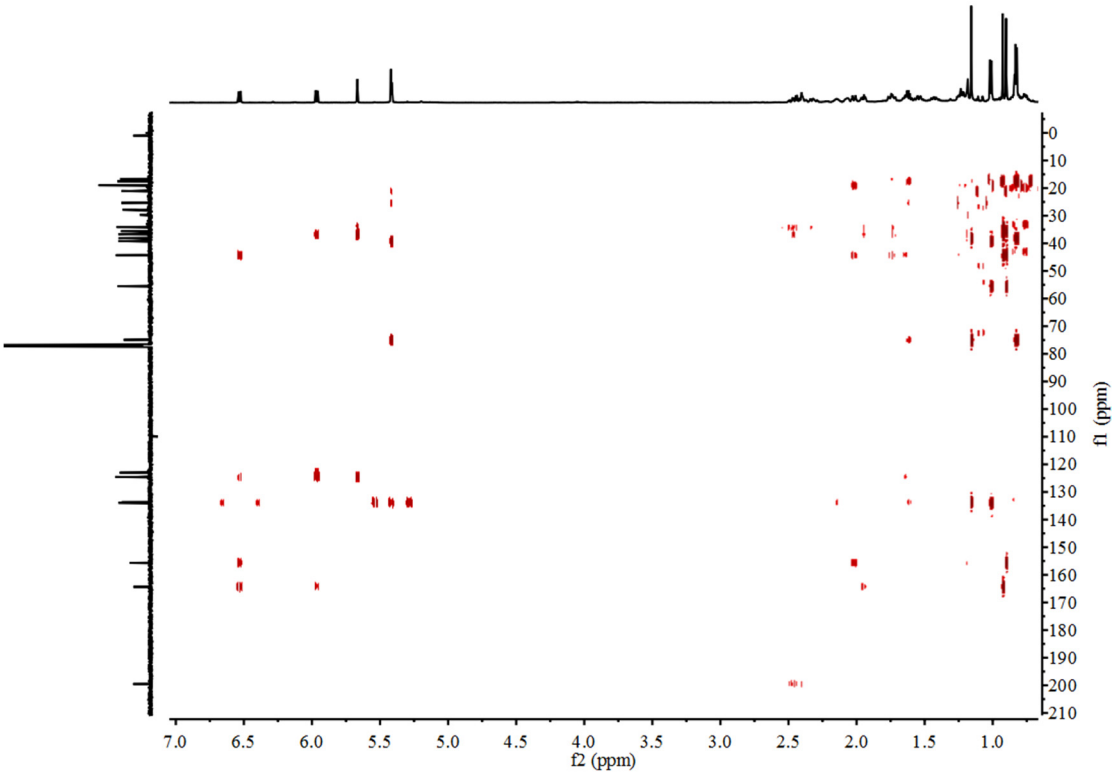

Figure S19. HMBC spectrum (600/150 MHz) of compound **6** in $CDCl_3$.

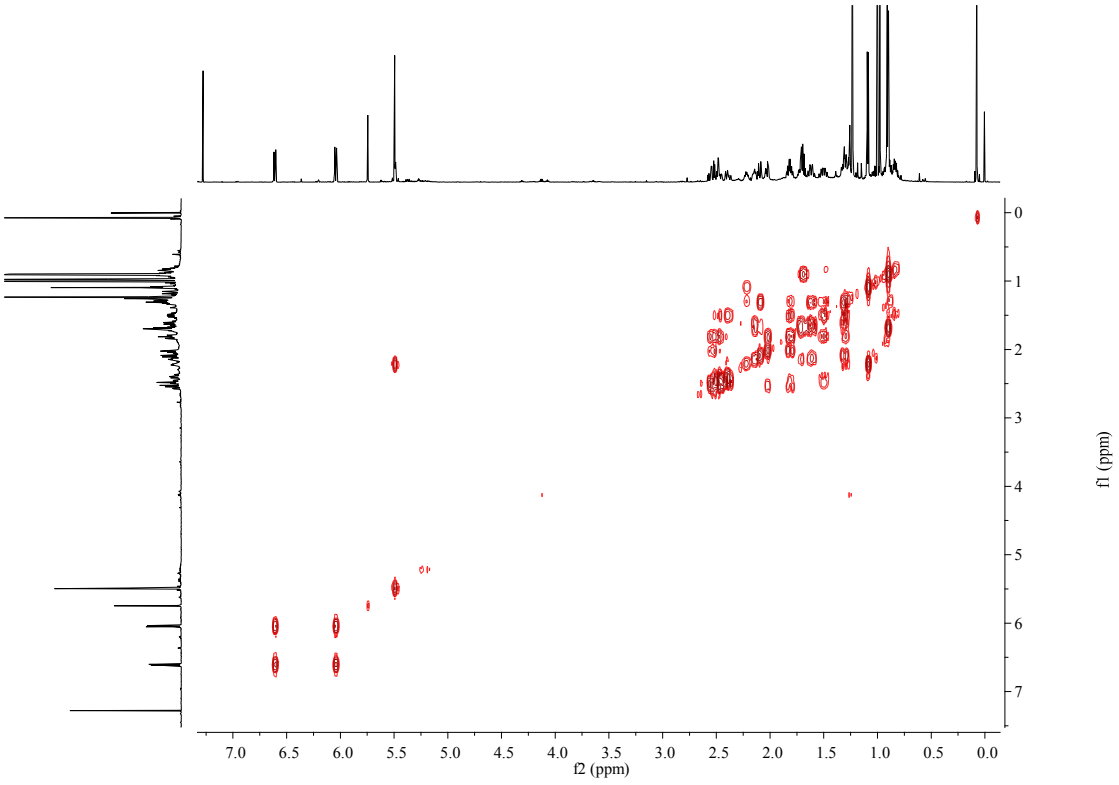

Figure S20. ^{1}H-^{1}HCOSY spectrum (600 MHz) of compound **6** in $CDCl_3$.

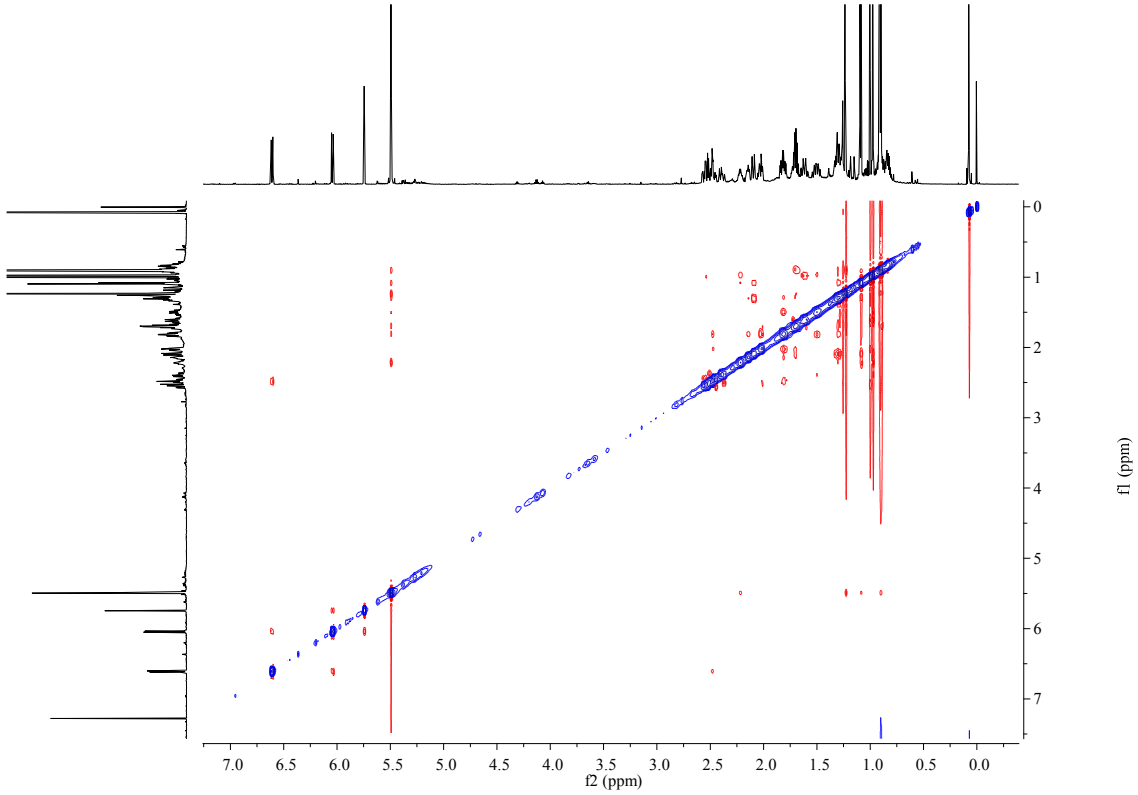

Figure S21. NOESY spectrum (600 MHz) of compound **6** in $CDCl_3$.

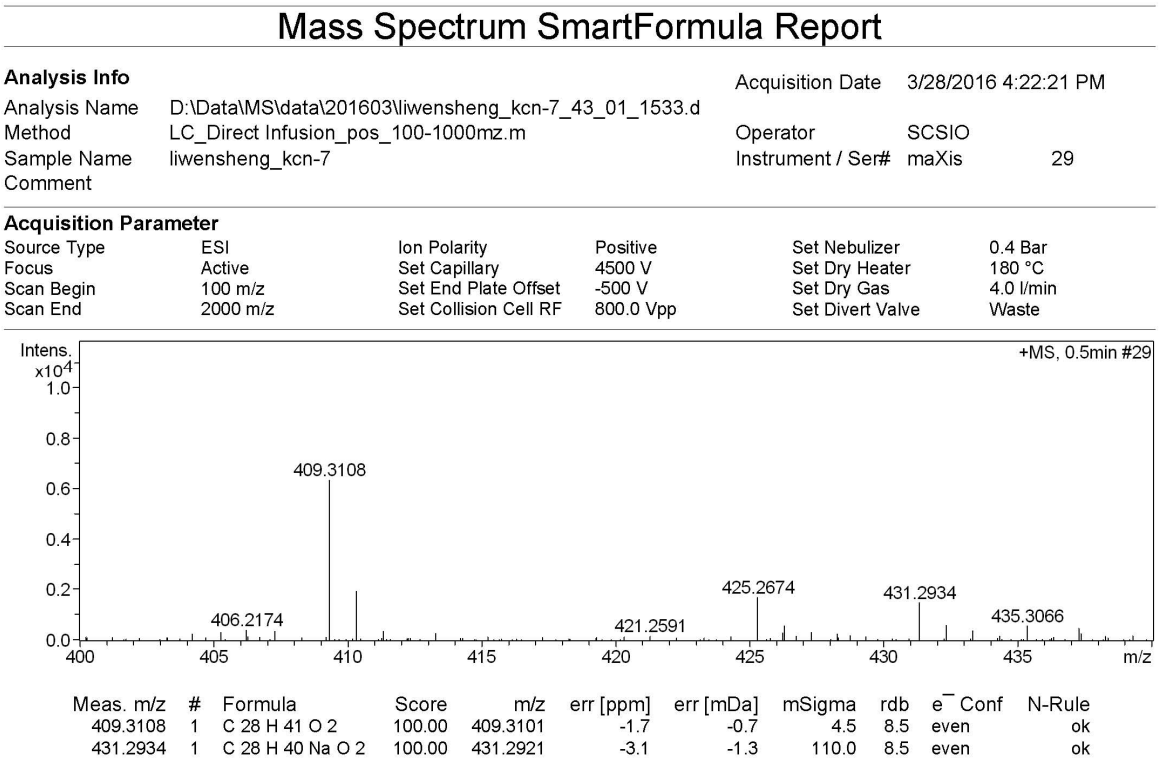

Figure S22. HRESIMS spectrum of compound **6**.