

Supporting Information

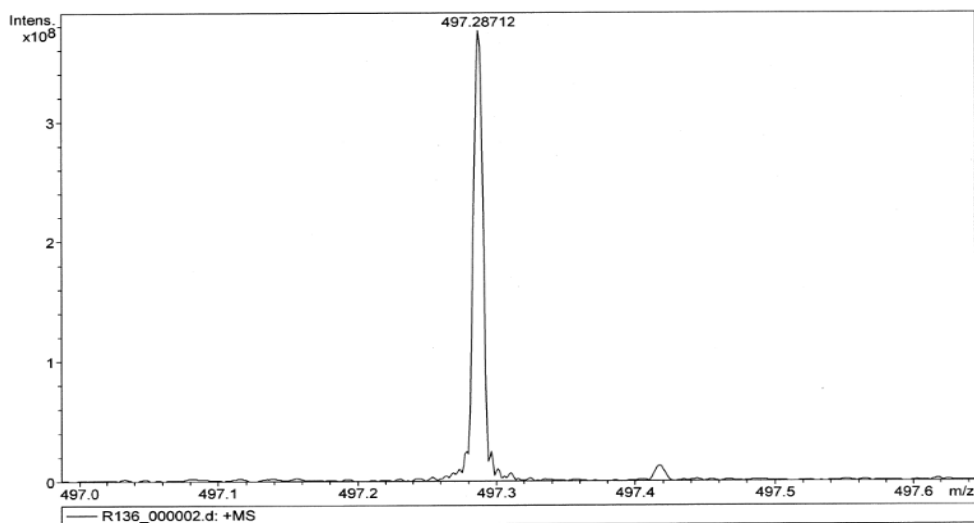
No	Content	page
S1.	HRESIMS spectrum of compound 1 .	2
S2.	¹ H NMR spectrum (400 MHz) of compound 1 in CDCl ₃ .	2
S3.	¹³ C NMR spectrum (100 MHz) of compound 1 in CDCl ₃ .	3
S4.	DEPT spectrum (100 MHz) of compound 1 in CDCl ₃ .	3
S5.	HSQC spectrum of compound 1 in CDCl ₃ .	4
S6.	HMBC spectrum of compound 1 in CDCl ₃ .	4
S7.	¹ H- ¹ H COSY spectrum of compound 1 in CDCl ₃ .	5
S8.	NOESY spectrum of compound 1 in CDCl ₃ .	5
S9.	HRESIMS spectrum of compound 2 .	6
S10.	¹ H NMR spectrum (600 MHz) of compound 2 in CDCl ₃ .	6
S11.	¹³ C NMR spectrum (150 MHz) of compound 2 in CDCl ₃ .	7
S12.	DEPT spectrum (150 MHz) of compound 2 in CDCl ₃ .	7
S13.	HSQC spectrum of compound 2 in CDCl ₃ .	8
S14.	HMBC spectrum of compound 2 in CDCl ₃ .	8
S15.	¹ H- ¹ H COSY spectrum of compound 2 in CDCl ₃ .	9
S16.	NOESY spectrum of compound 2 in CDCl ₃ .	9
S17.	HRESIMS spectrum of compound 3 .	10
S18.	¹ H NMR spectrum (500 MHz) of compound 3 in CDCl ₃ .	10
S19.	¹³ C NMR spectrum (125 MHz) of compound 3 in CDCl ₃ .	11
S20.	DEPT spectrum (125 MHz) of compound 3 in CDCl ₃ .	11
S21.	HSQC spectrum of compound 3 in CDCl ₃ .	12
S22.	HMBC spectrum of compound 3 in CDCl ₃ .	12
S23.	¹ H- ¹ H COSY spectrum of compound 3 in CDCl ₃ .	13
S24.	NOESY spectrum of compound 3 in CDCl ₃ .	13
S25.	HRESIMS spectrum of compound 4 .	14
S26.	¹ H NMR spectrum (600 MHz) of compound 4 in CDCl ₃ .	14
S27.	¹³ C NMR spectrum (150 MHz) of compound 4 in CDCl ₃ .	15
S28.	DEPT spectrum (150 MHz) of compound 4 in CDCl ₃ .	15
S29.	HSQC spectrum of compound 4 in CDCl ₃ .	16
S30.	HMBC spectrum of compound 4 in CDCl ₃ .	16
S31.	¹ H- ¹ H COSY spectrum of compound 4 in CDCl ₃ .	17
S32.	NOESY spectrum of compound 4 in CDCl ₃ .	17

Mass Spectrum SmartFormula Report

Analysis Info

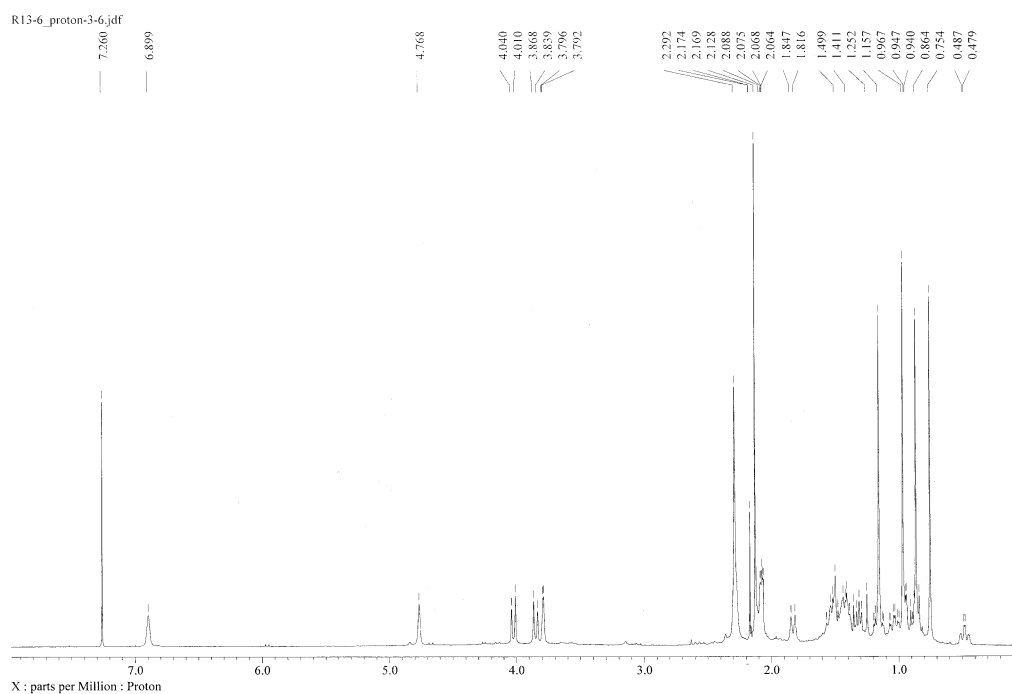
Analysis Name D:\Data\2\R136_000002.d
Method broadband first signal
Sample Name R13-6
Comment ESI Positive

4/1/2019 11:32:49 AM
Operator: YU HSIAO-CHING
Instrument: BRUKER FT-MS solarix

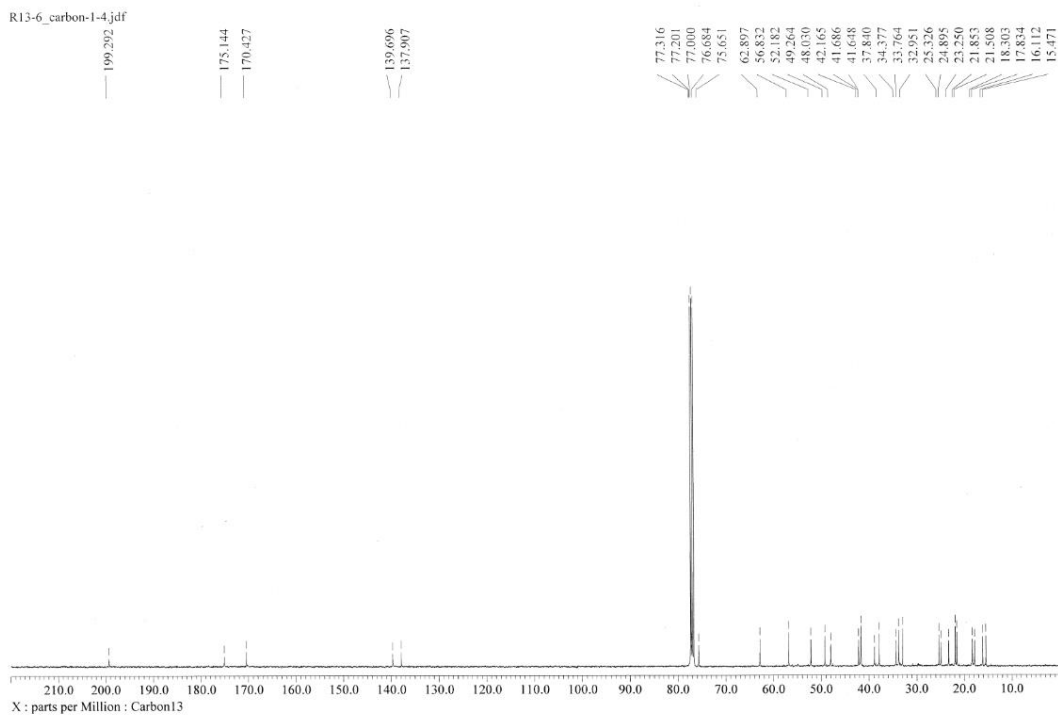


Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma	rdb	e ⁻	Conf	N-Rule
497.28712	1	C 28 H 42 Na O 6	100.00	497.28736	0.24	0.48	6.9	7.5	even		ok

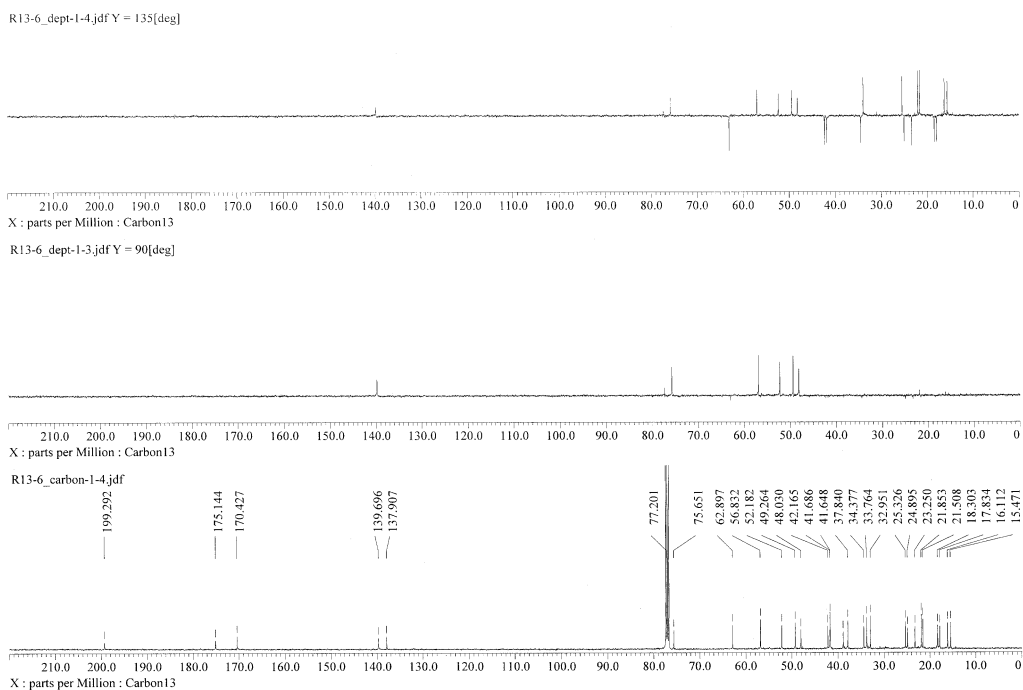
S1. HRESIMS spectrum of compound 1.



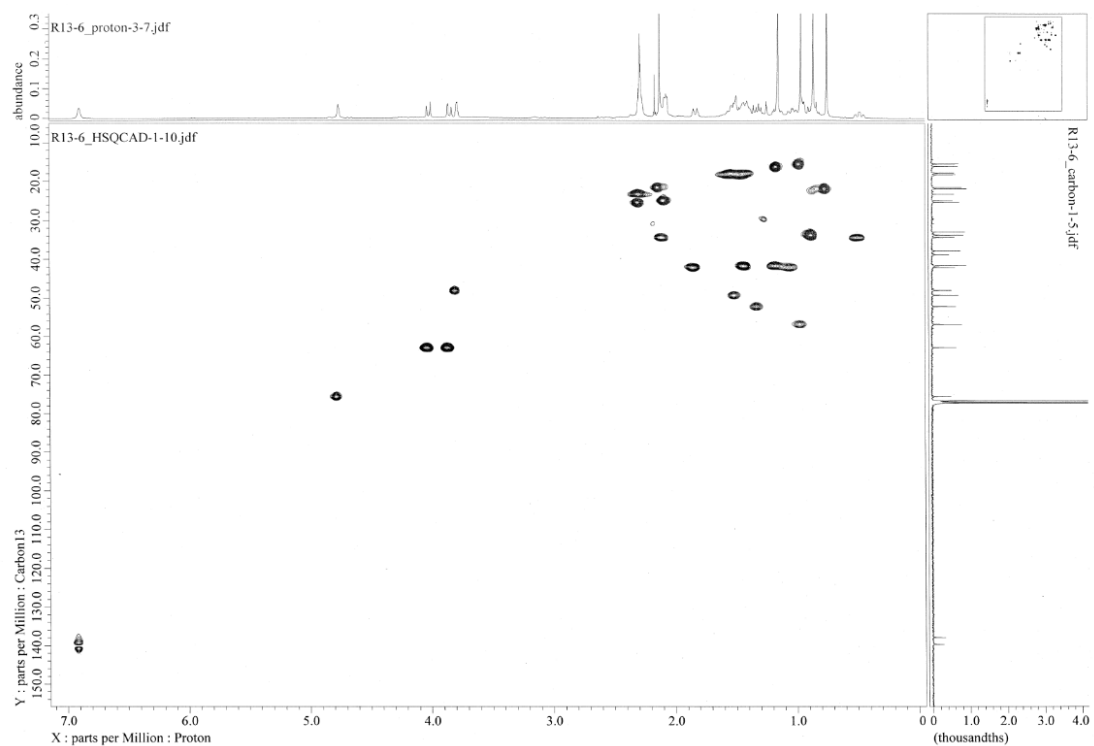
S2. ¹H NMR spectrum (400 MHz) of compound 1 in CDCl₃.



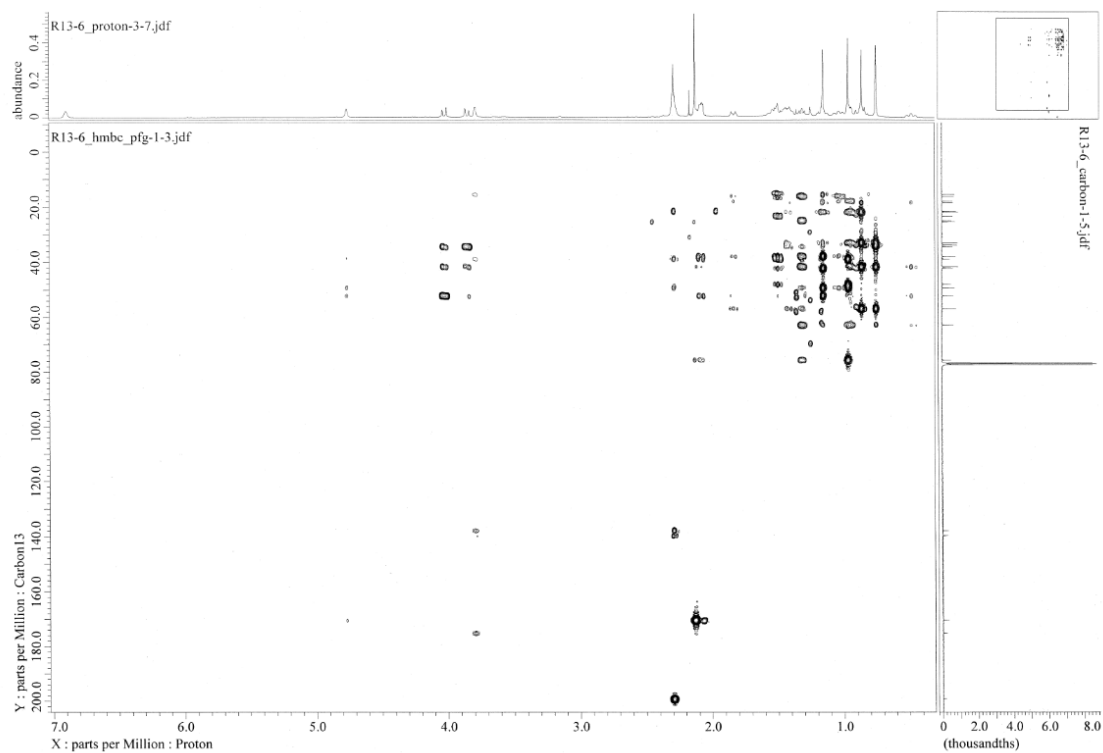
S3. ^{13}C NMR spectrum (100 MHz) of compound **1** in CDCl_3 .



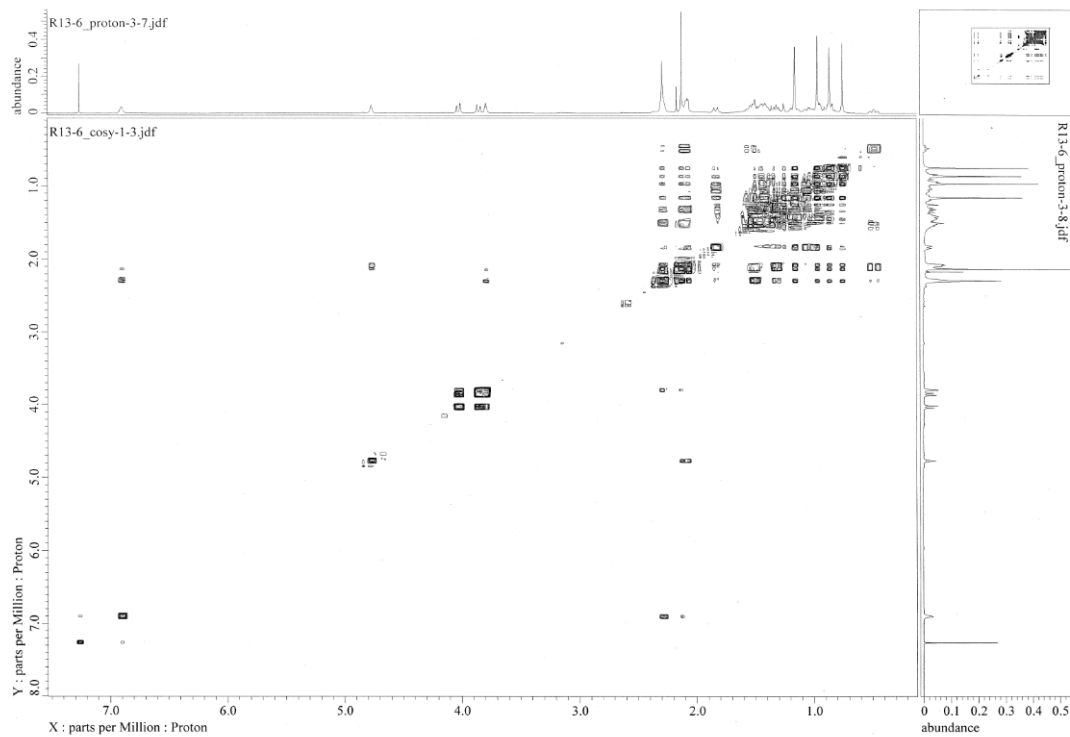
S4. DEPT spectrum (100 MHz) of compound **1** in CDCl_3



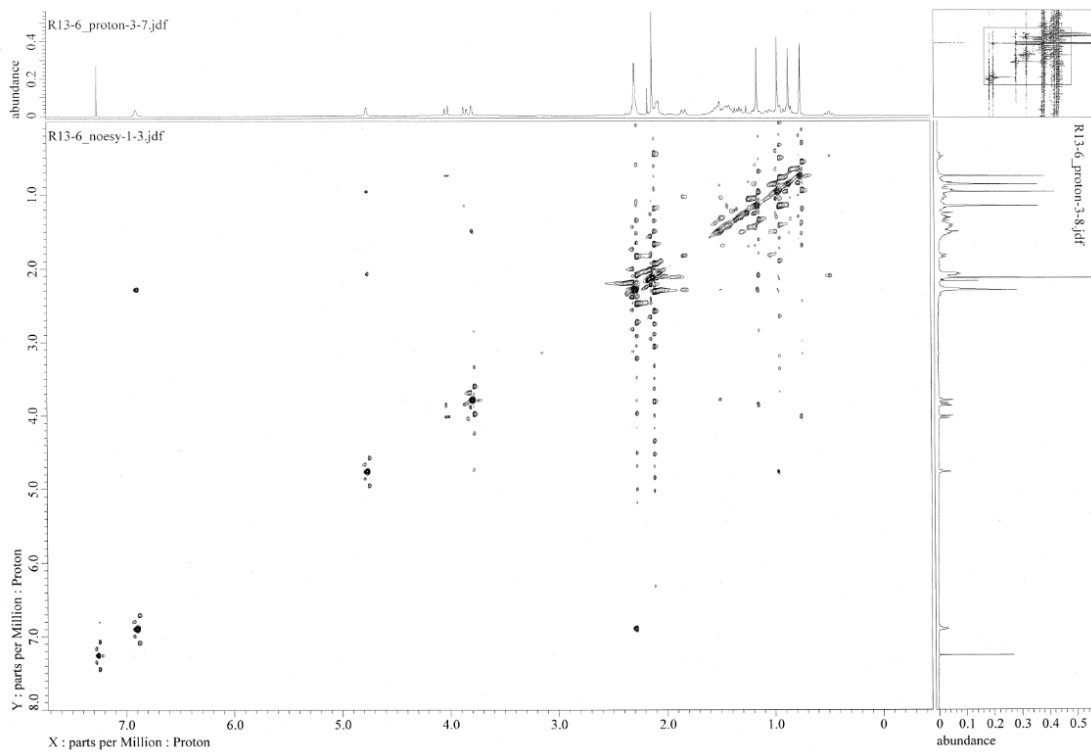
S5. HSQC spectrum of compound **1** in CDCl₃.



S6. HMBC spectrum of compound **1** in CDCl₃.



S7. ^1H - ^1H COSY spectrum of compound **1** in CDCl_3 .



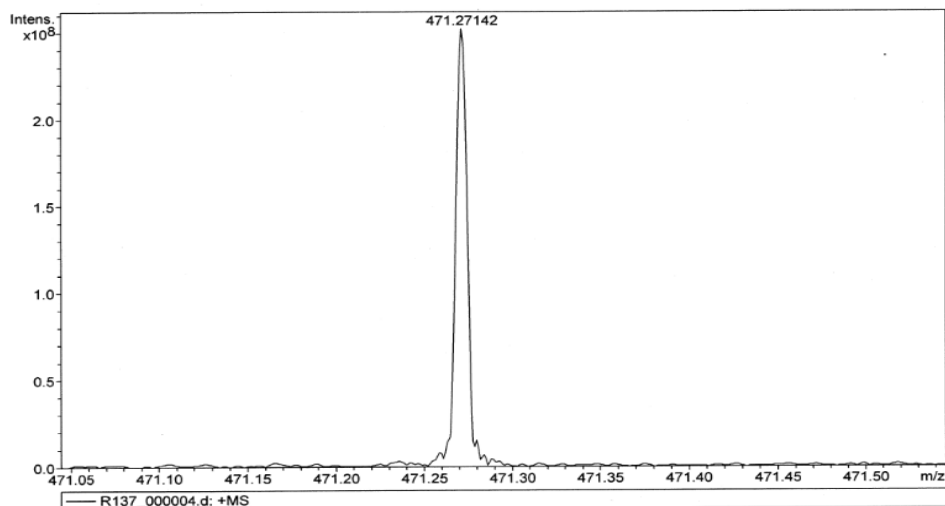
S8. NOESY spectrum of compound **1** in CDCl_3

Mass Spectrum SmartFormula Report

Analysis Info

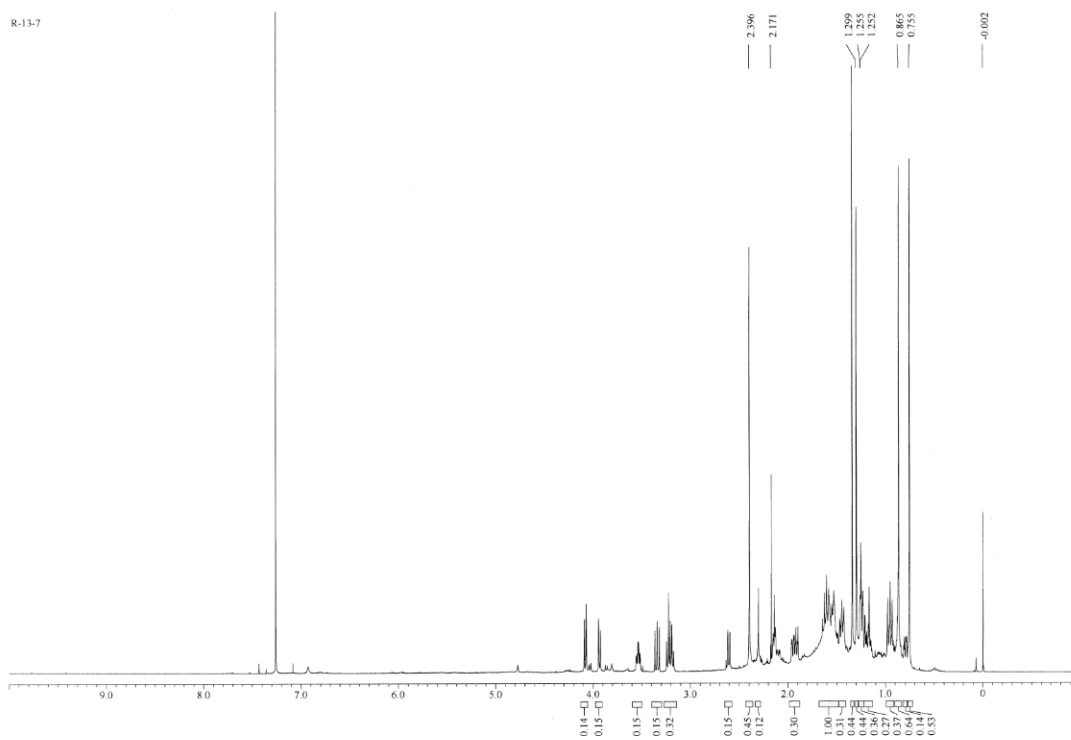
Analysis Name D:\Data\2\R137_000004.d
Method broadband first signal
Sample Name R13-7
Comment ESI Positive

4/2/2019 4:12:24 PM
Operator: YU HSIAO-CHING
Instrument: BRUKER FT-MS solariX

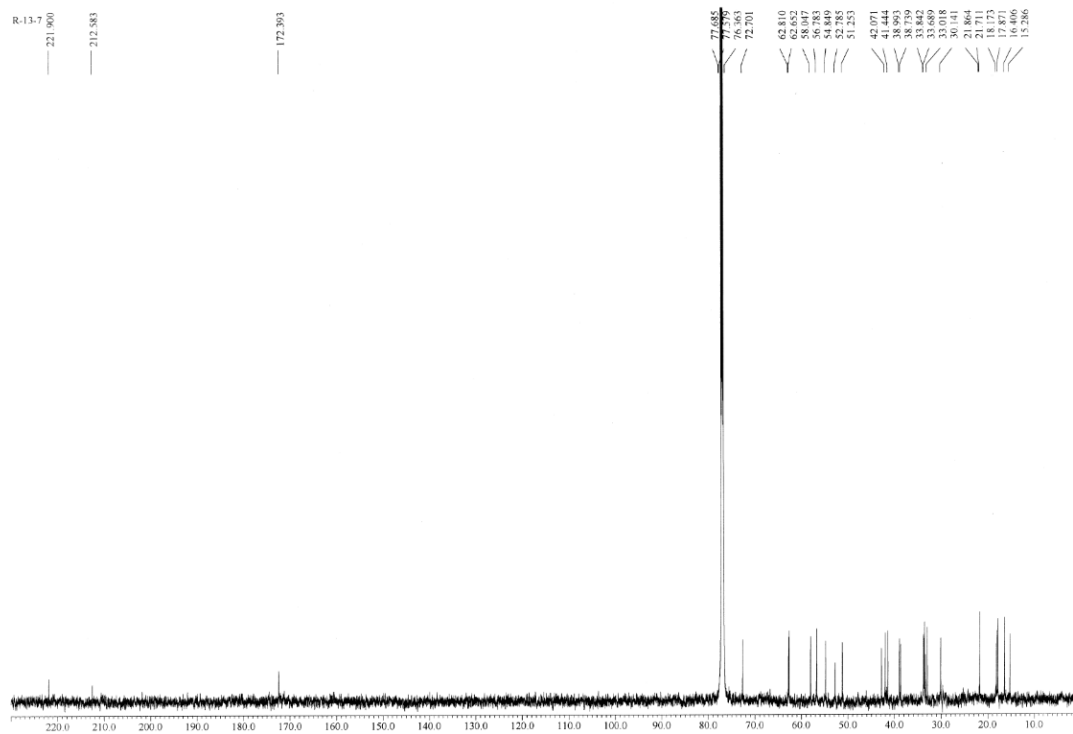


Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma	rdb	e ⁻ Conf	N-Rule
471.27142	1	C ₂₆ H ₄₀ NaO ₆	100.00	471.27171	0.29	0.61	5.0	6.5	even	ok

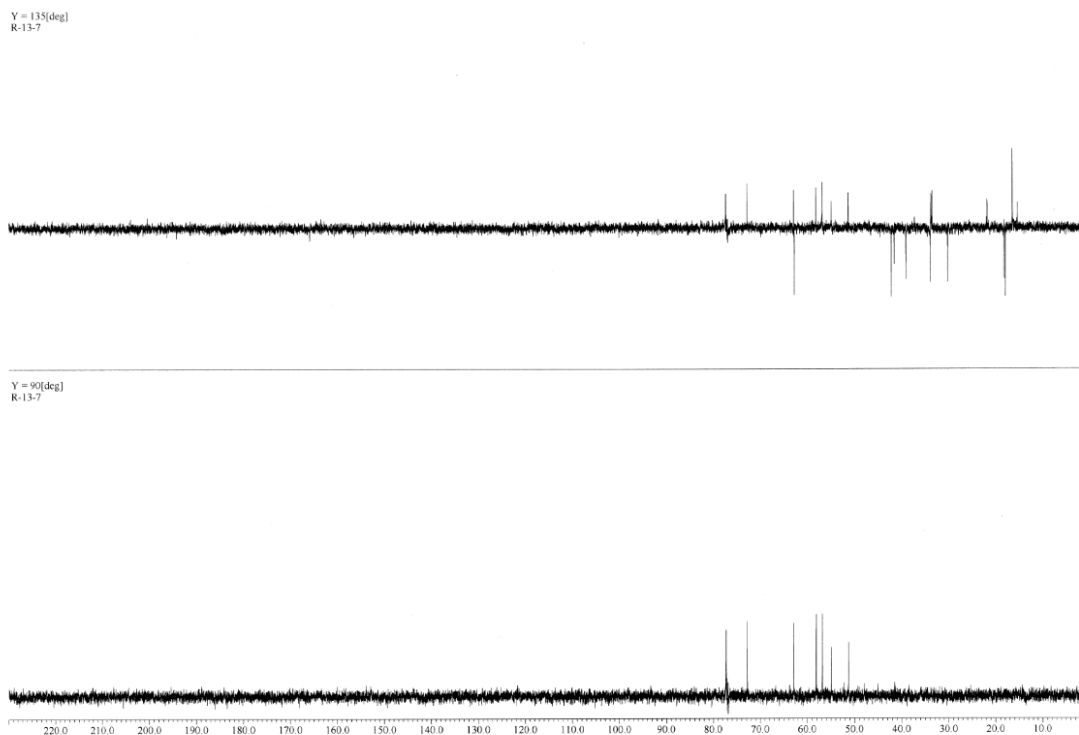
S9. HRESIMS spectrum of compound 2.



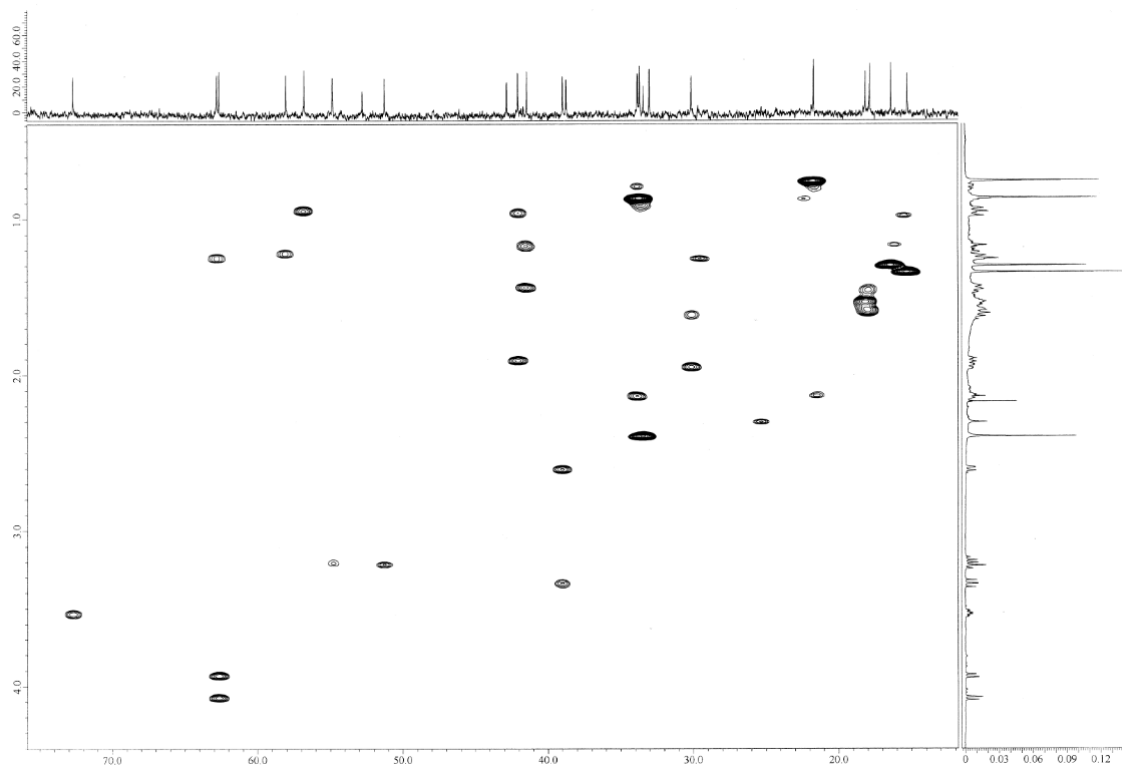
S10. ¹H NMR spectrum (600 MHz) of compound 2 in CDCl₃.



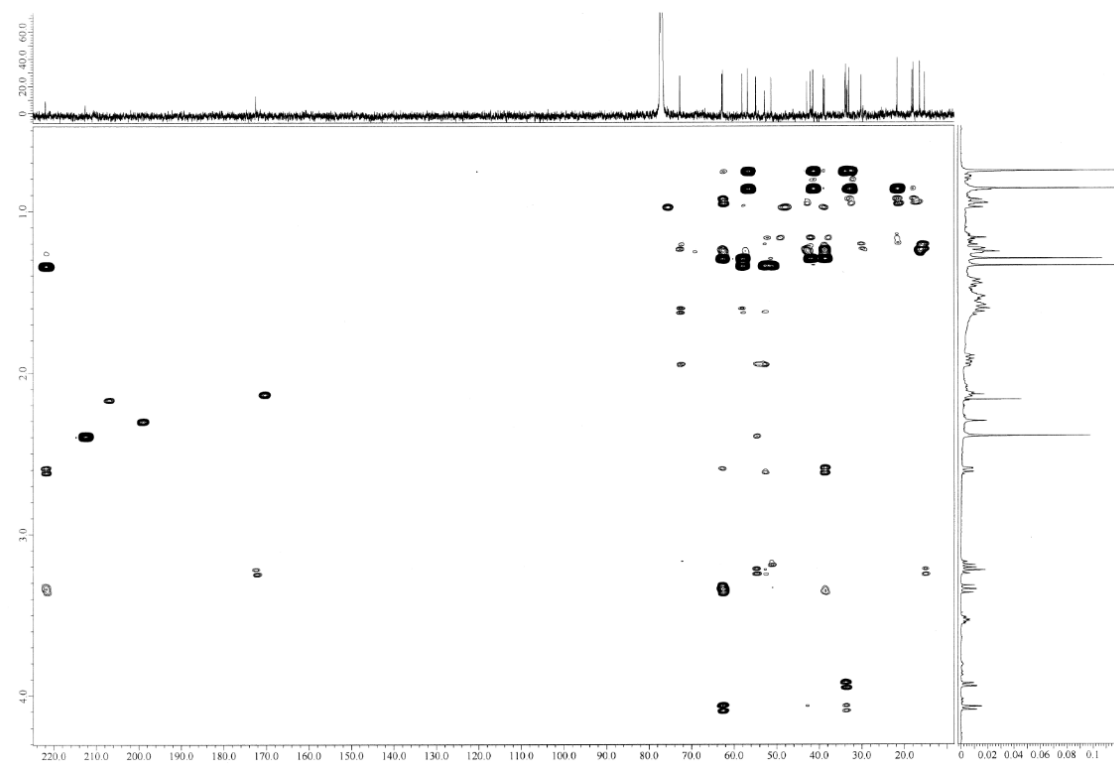
S11. ^{13}C NMR spectrum (150 MHz) of compound **2** in CDCl_3 .



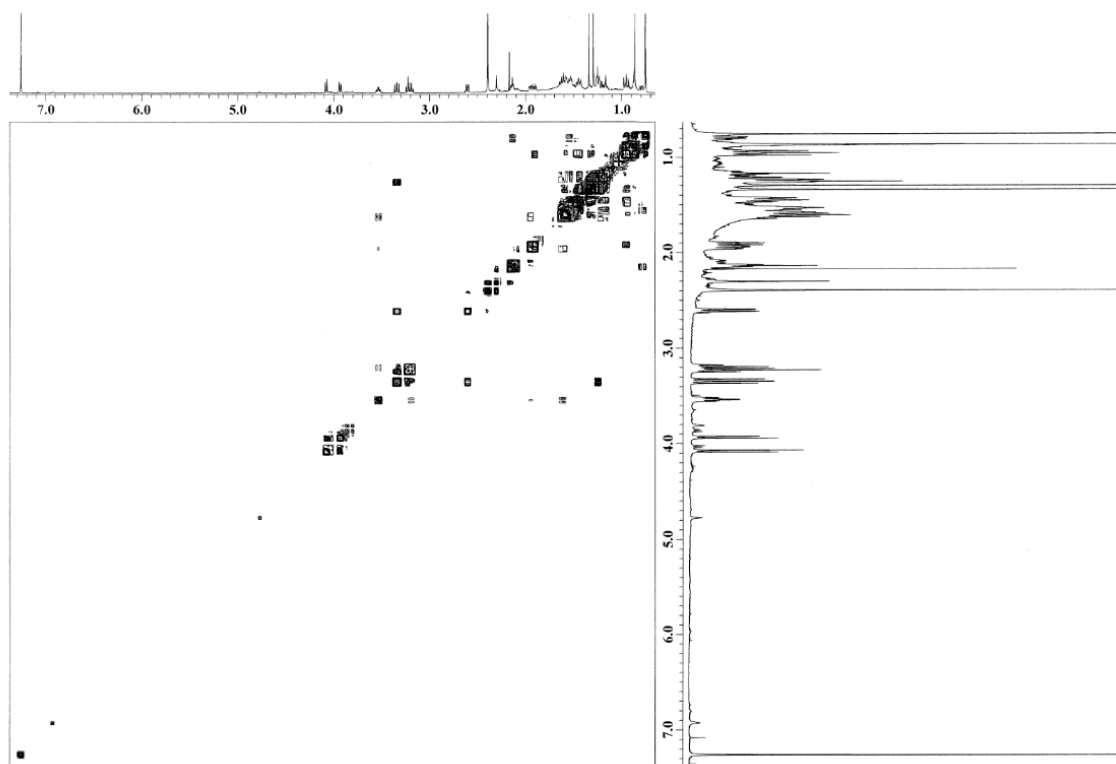
S12. DEPT spectrum (150 MHz) of compound **2** in CDCl_3 .



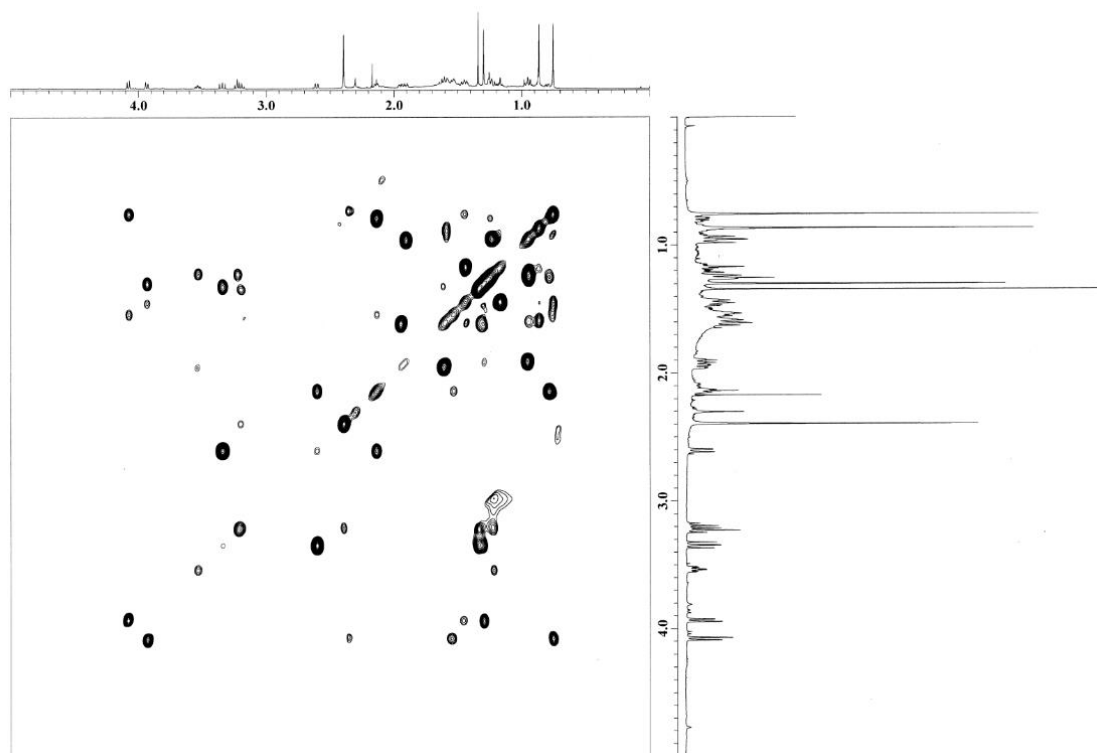
S13. HSQC spectrum of compound **2** in CDCl_3 .



S14. HMBC spectrum of compound **2** in CDCl_3 .



S15. ^1H - ^1H COSY spectrum of compound **2** in CDCl_3 .



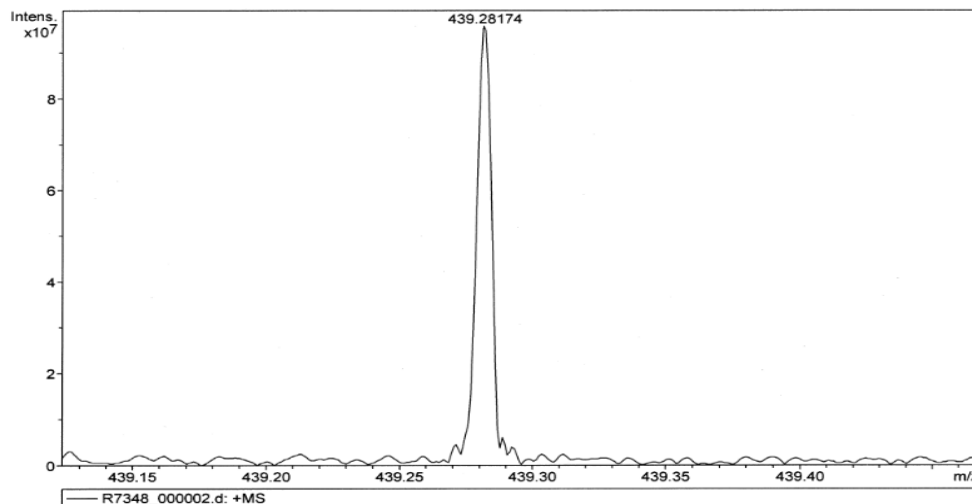
S16 NOESY spectrum of compound **2** in CDCl_3

Mass Spectrum SmartFormula Report

Analysis Info

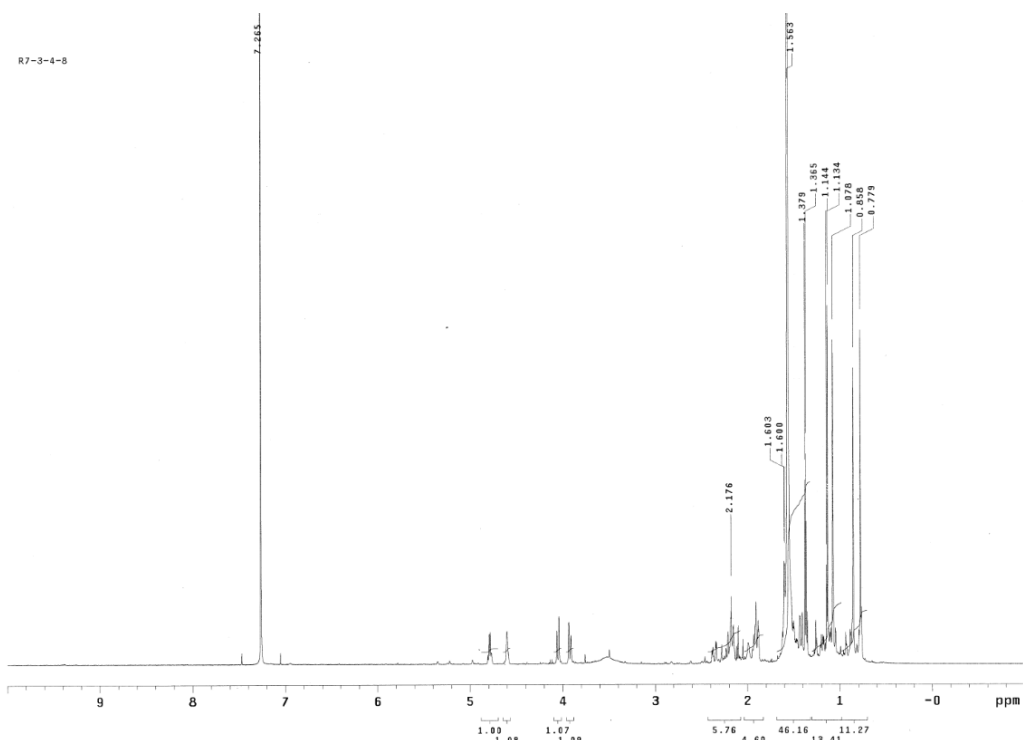
Analysis Name D:\Data\2\17348_000002.d
Method broadband first signal
Sample Name R7-3-4-8
Comment ESI Positive

3/22/2019 3:36:10 PM
Operator: YU HSIAO-CHING
Instrument: BRUKER FT-MS solarIX

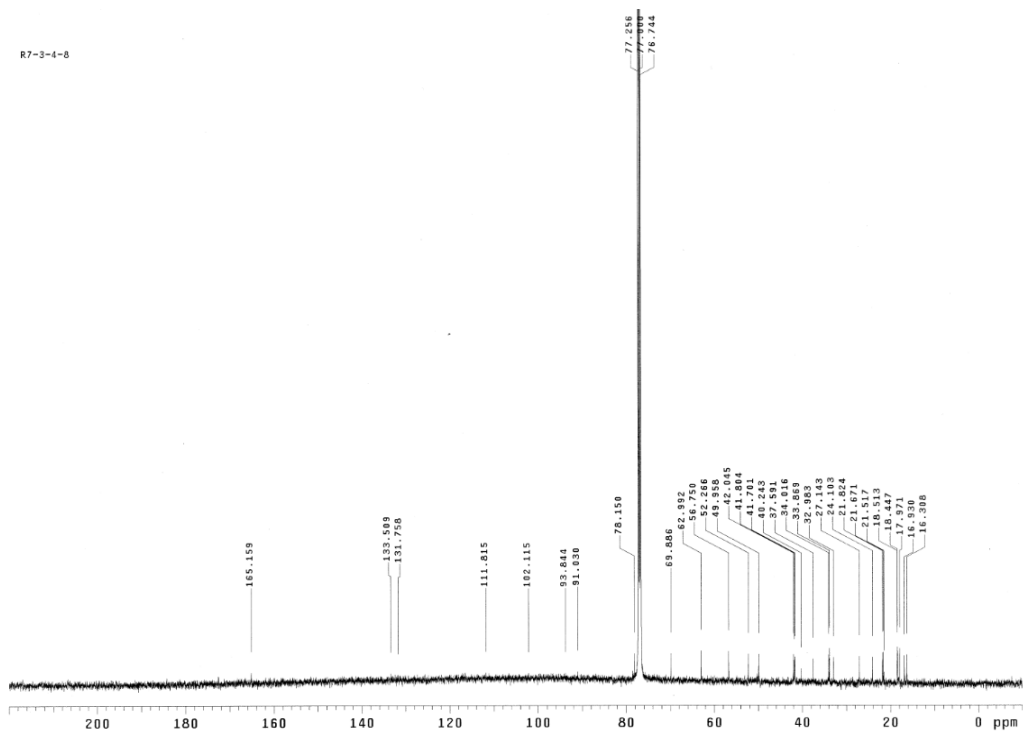


Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma	rdb	e ⁻ Conf	N-Rule
439.28174	1	C 26 H 40 Na O 4	100.00	439.28188	0.15	0.33	10.7	6.5	even	ok

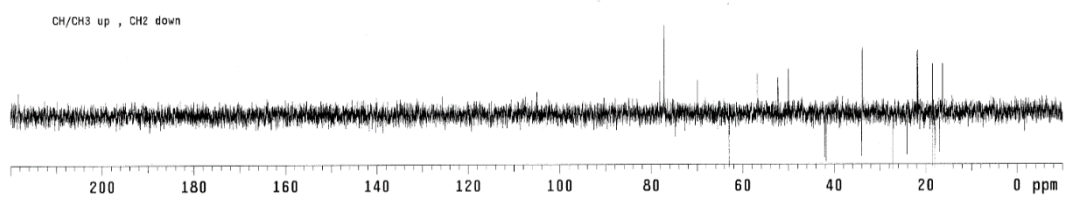
S17. HRESIMS spectrum of compound **3**.



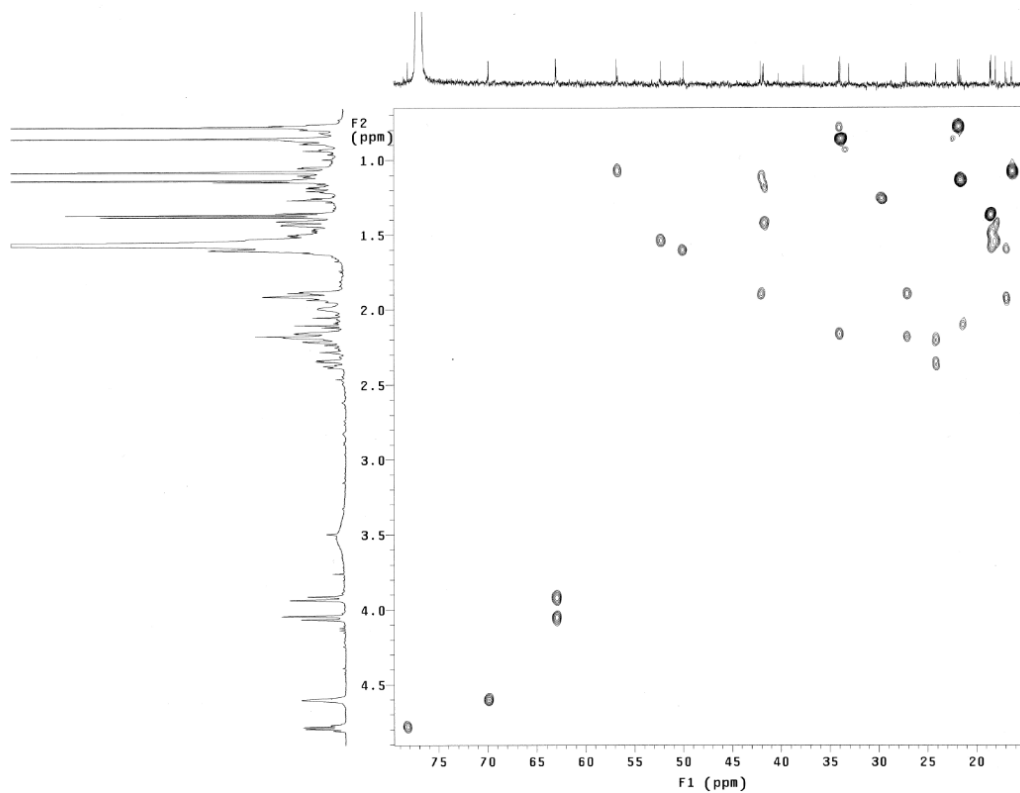
S18. ¹H NMR spectrum (500 MHz) of compound **3** in CDCl₃.



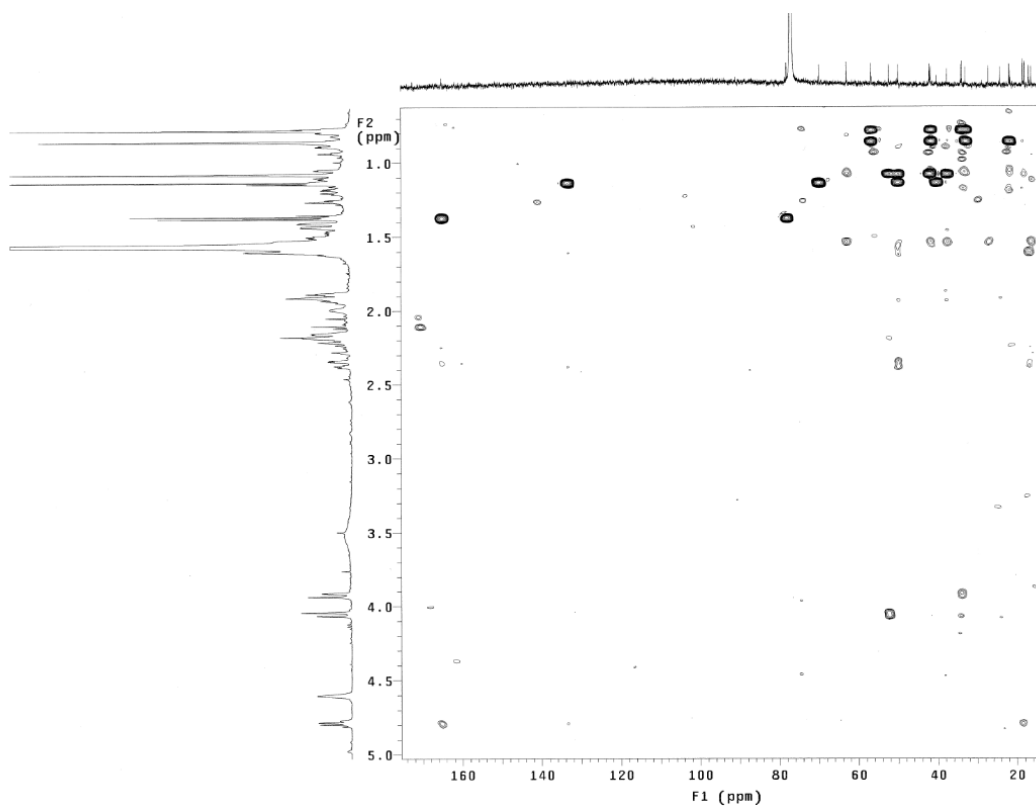
S19. ^{13}C NMR spectrum (125 MHz) of compound **3** in CDCl_3 .



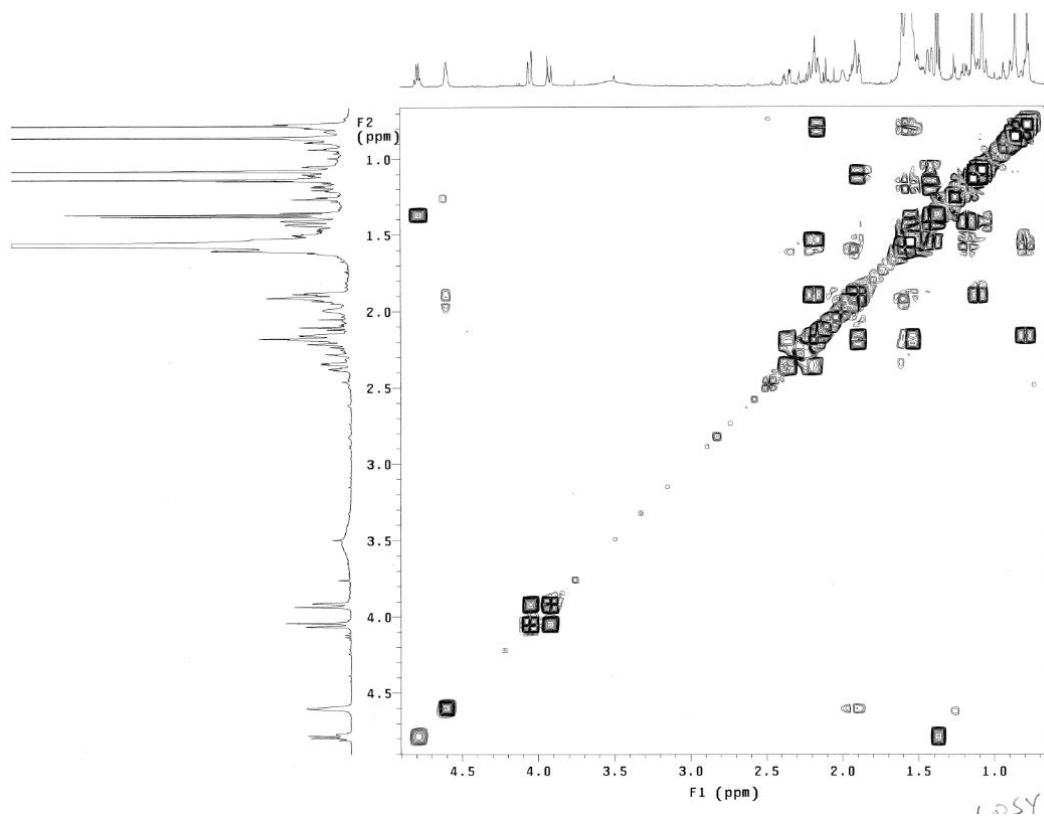
S20. DEPT spectrum (125 MHz) of compound **3** in CDCl_3 .



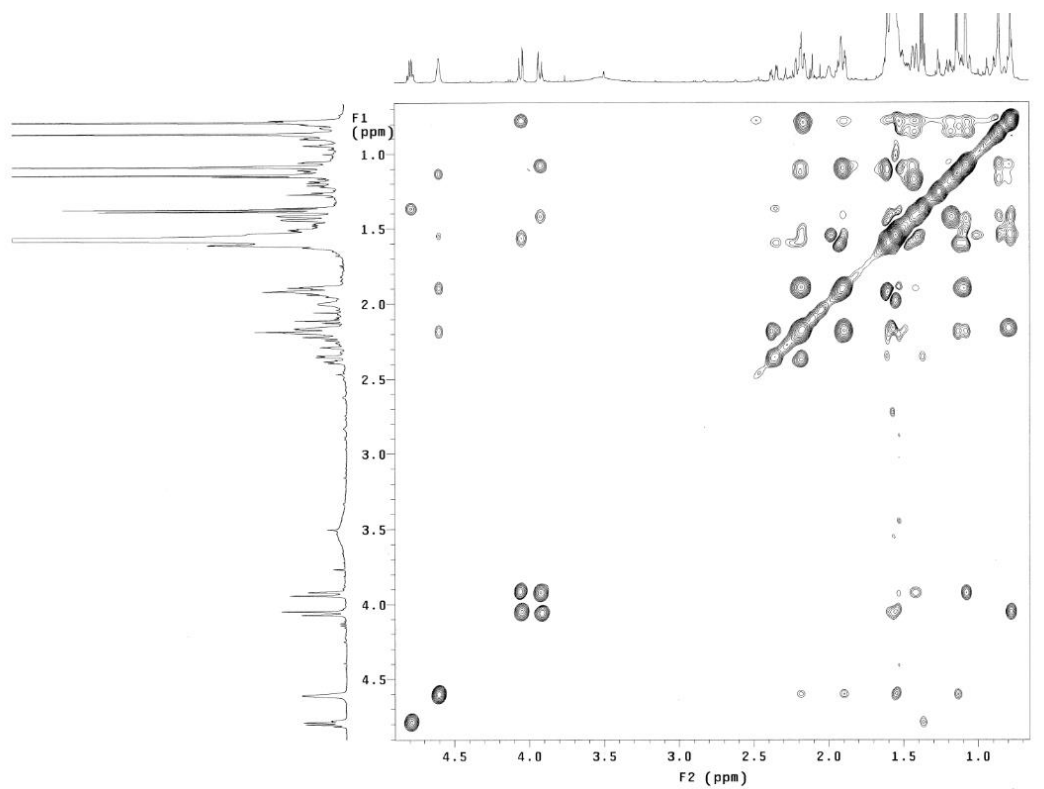
S21. HSQC spectrum of compound **3** in CDCl₃.



S22. HMBC spectrum of compound **3** in CDCl₃.



S23. ^1H - ^1H COSY spectrum of compound **3** in CDCl_3 .



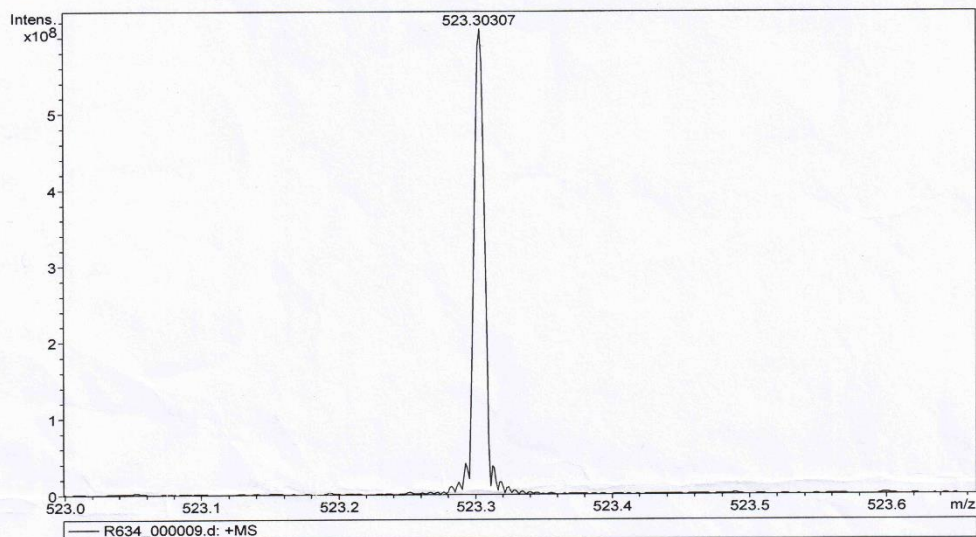
S24. NOESY spectrum of compound **3** in CDCl_3

Mass Spectrum SmartFormula Report

Analysis Info

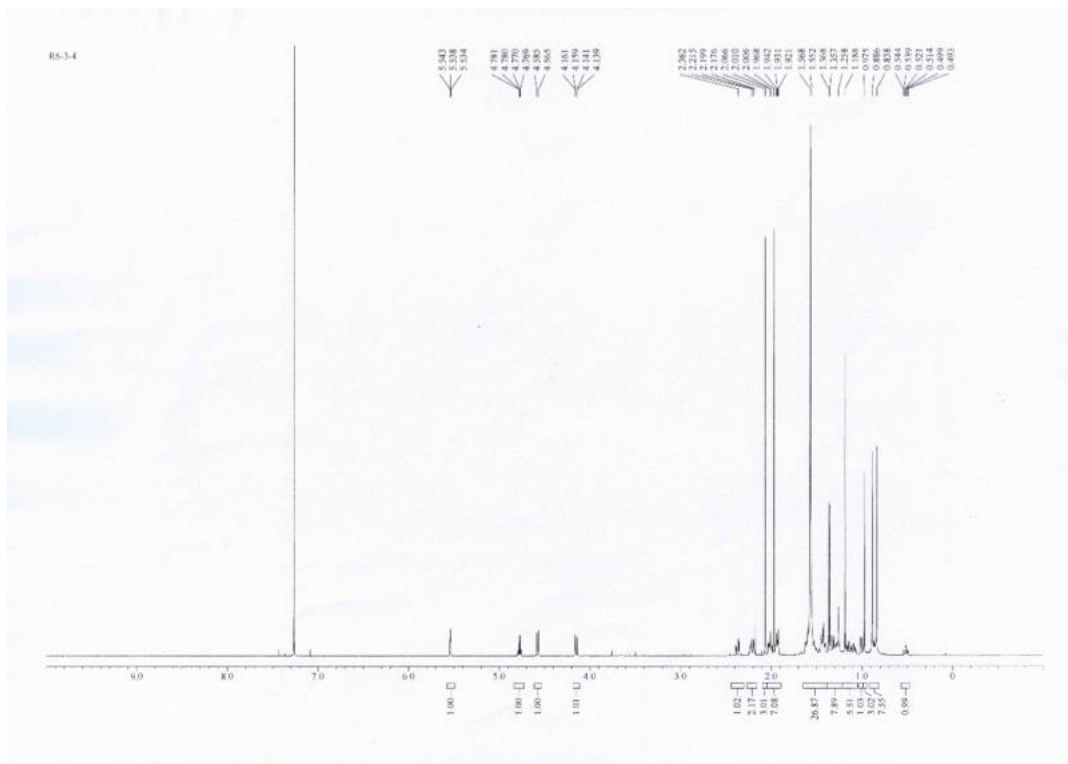
Analysis Name D:\Data\2\R634_000009.d
Method broadband first signal
Sample Name R6-3-4
Comment ESI Positive

12/4/2018 4:11:39 PM
Operator: YU HSIAO-CHING
Instrument: BRUKER FT-MS solariX

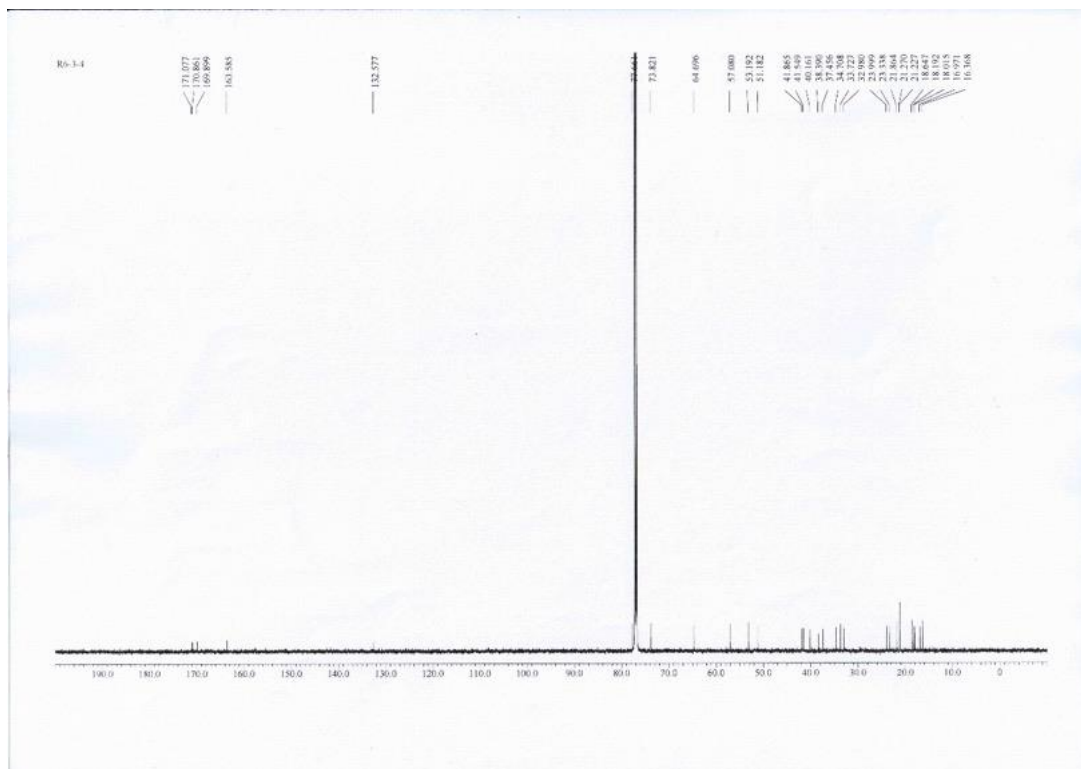


Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma	rdb	e ⁻ Conf	N-Rule
523.30307	1	C ₃₀ H ₄₄ NaO ₆	100.00	523.30301	-0.06	-0.12	6.9	8.5	even	ok

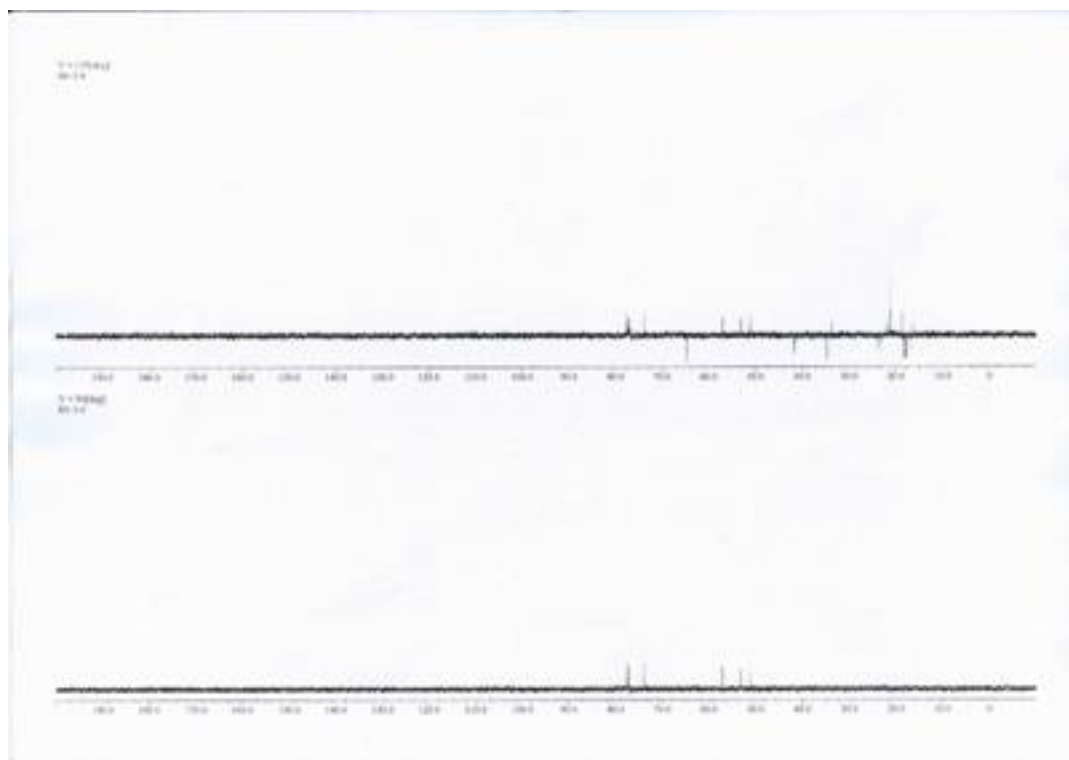
S25. HRESIMS spectrum of compound 4.



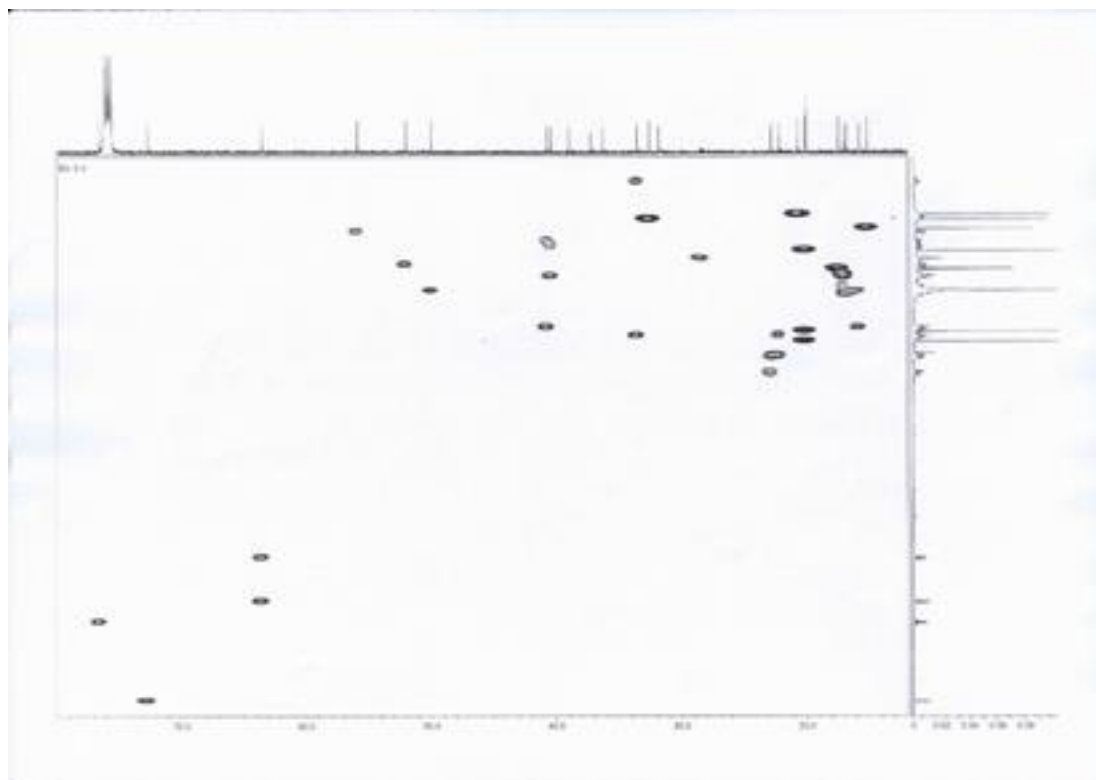
S26. ¹H NMR spectrum (600 MHz) of compound 4 in CDCl₃.



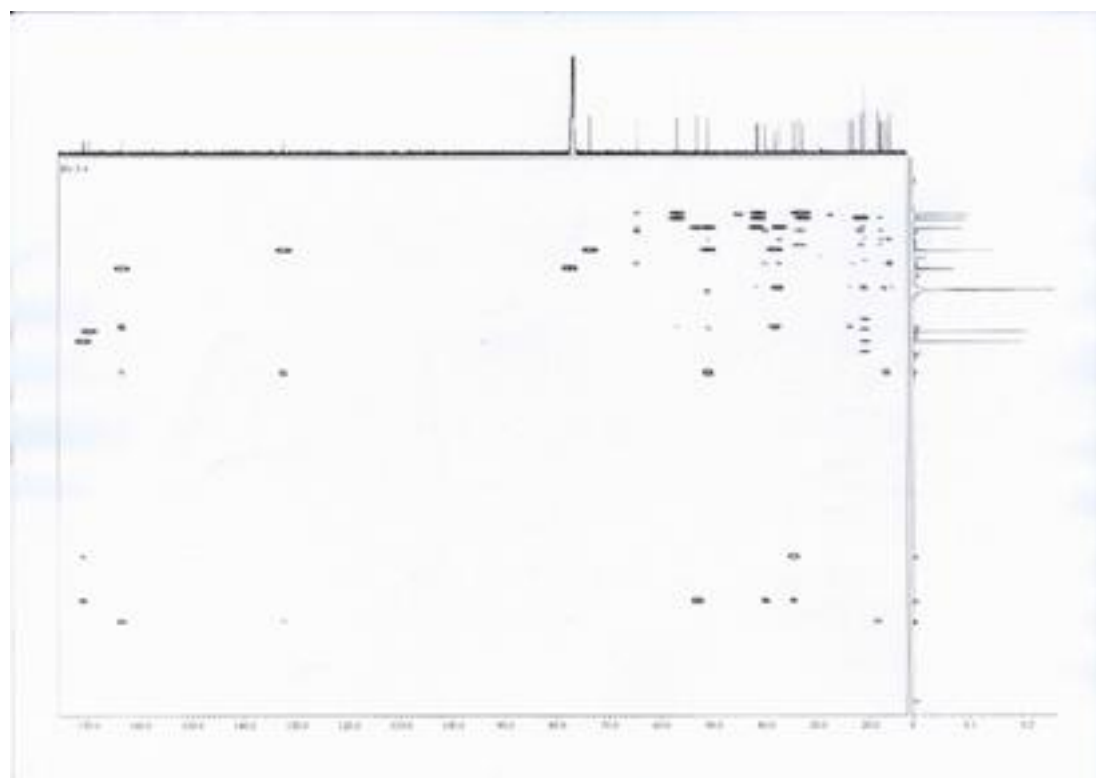
S27. ¹³C NMR spectrum (150 MHz) of compound **4** in CDCl₃.



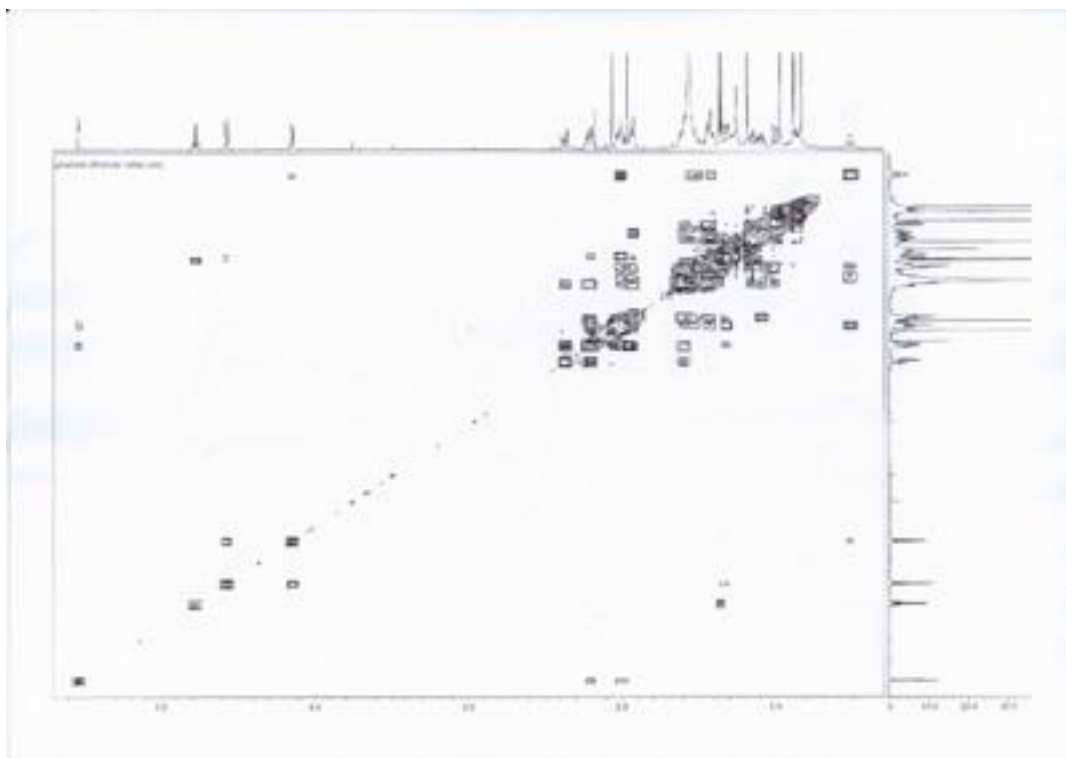
S28. DEPT spectrum (150 MHz) of compound **4** in CDCl₃.



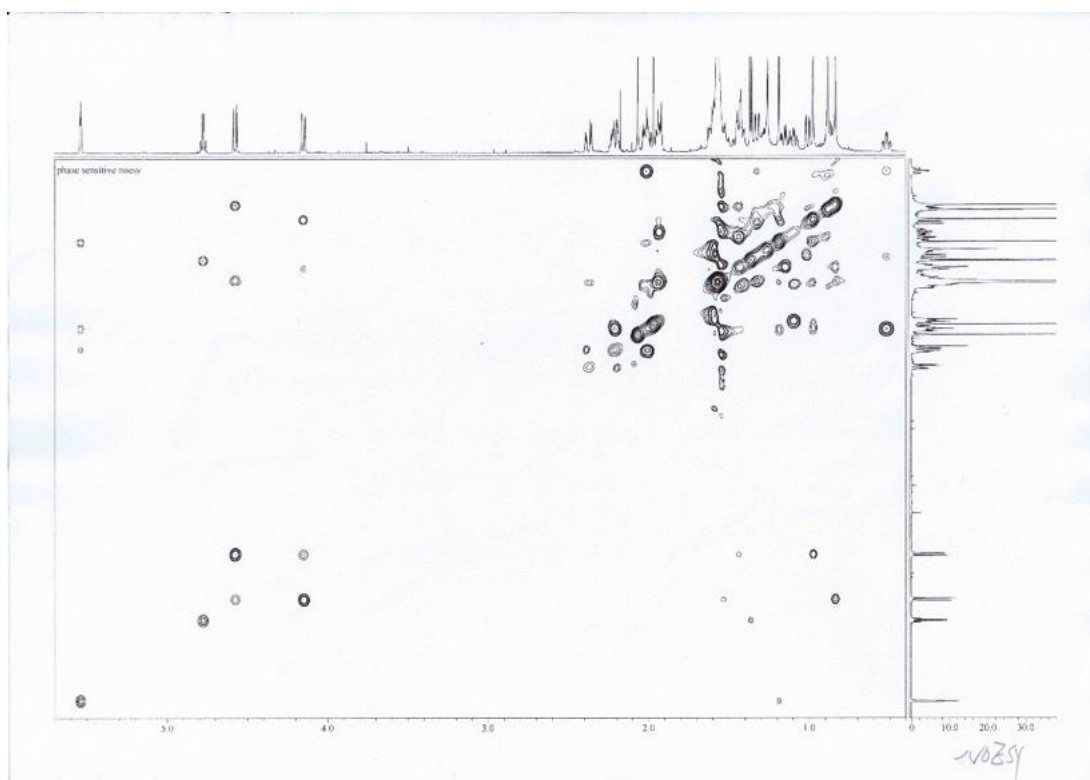
S29. HSQC spectrum of compound **4** in CDCl₃.



S30. HMBC spectrum of compound **4** in CDCl₃.



S31. ^1H - ^1H COSY spectrum of compound **4** in CDCl_3 .



S32. NOESY spectrum of compound **4** in CDCl_3