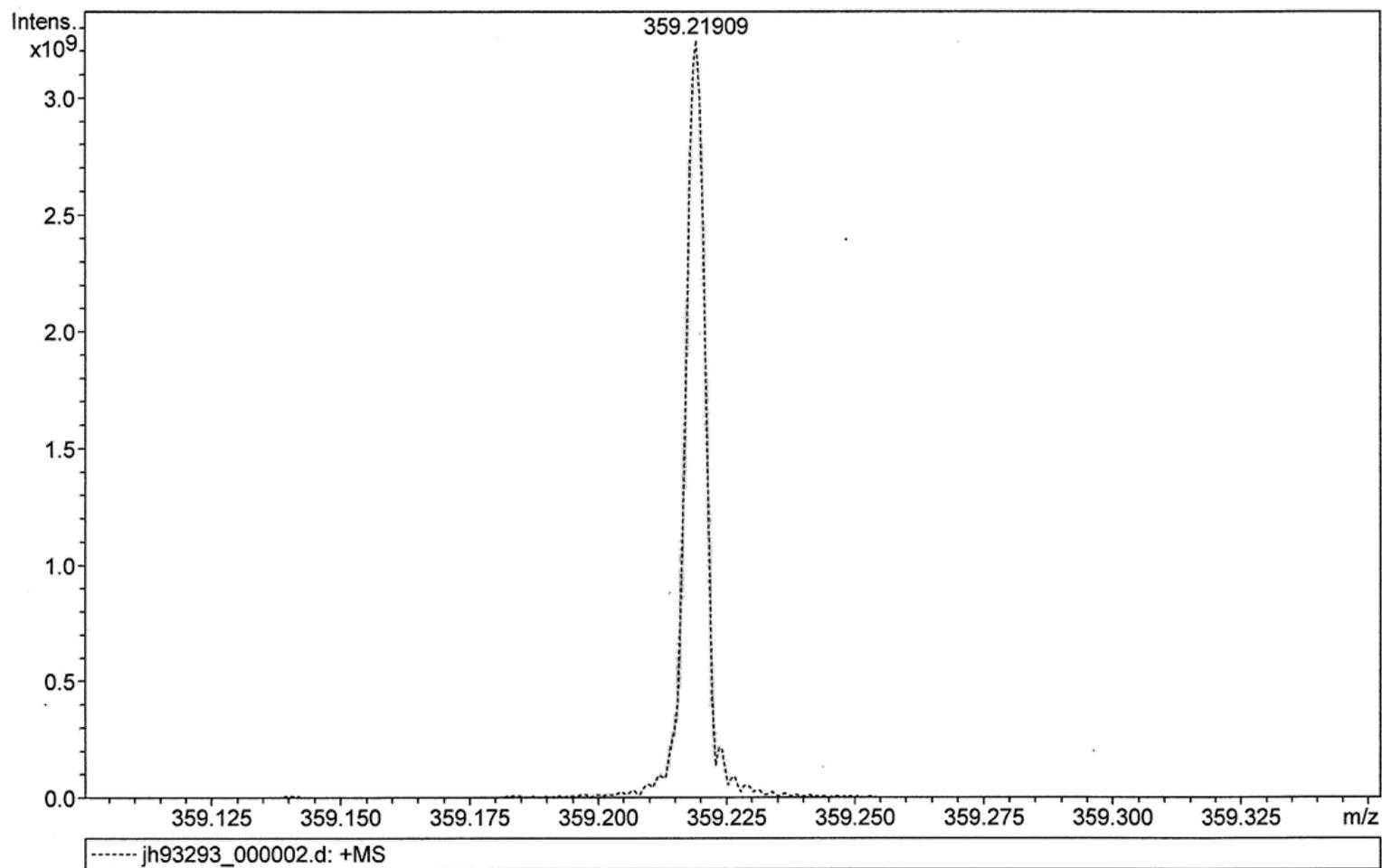


Supplementary Materials: Anti-inflammatory Lobane and Prenyleudesmane Diterpenoids from the Soft Coral *Lobophytum varium*

Atallah F. Ahmed, Wan-Ting Teng, Chiung-Yao Huang, Chang-Feng Dai, Tsong-Long Hwang and Jyh-Horng Sheu

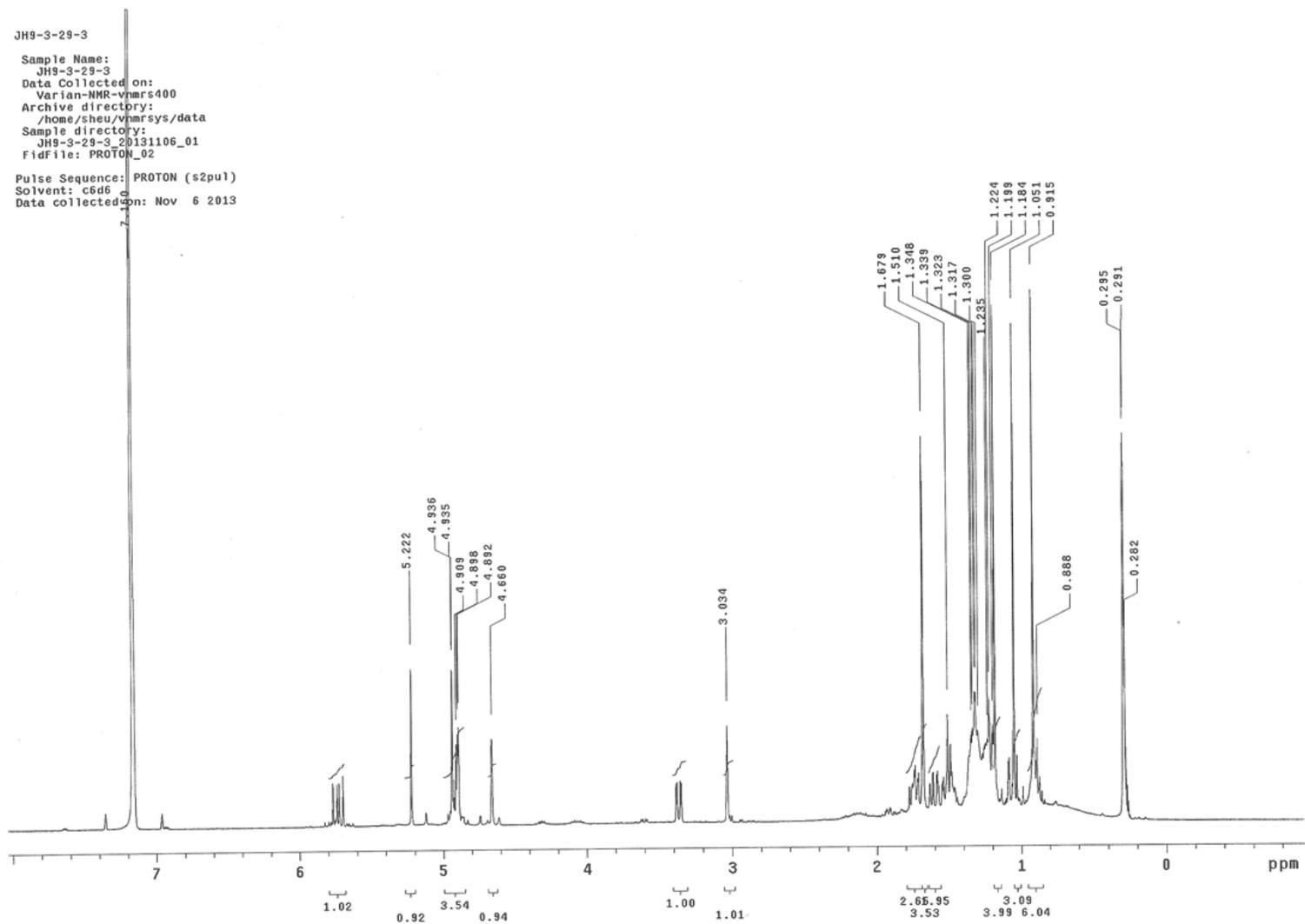
List of Supplementary material

No.	Content	Page
Figure S1	HRESIMS spectrum of 1	S2
Figure S2	¹ H NMR spectrum of 1 in C ₆ D ₆ at 400 MHz	S3
Figure S3	¹³ C NMR spectrum of 1 in C ₆ D ₆ at 100 MHz	S4
Figure S4	HRESIMS spectrum of 2	S5
Figure S5	¹ H NMR spectrum of 2 in CDCl ₃ at 500 MHz	S6
Figure S6	¹³ C NMR spectrum of 2 in CDCl ₃ at 125 MHz	S7
Figure S7	HRESIMS spectrum of 3	S8
Figure S8	¹ H NMR spectrum of 3 in CDCl ₃ at 400 MHz	S9
Figure S9	¹³ C NMR spectrum of 3 in CDCl ₃ at 100 MHz	S10
Figure S10	HRESIMS spectrum of 4	S11
Figure S11	¹ H NMR spectrum of 4 in CDCl ₃ at 400 MHz	S12
Figure S12	¹³ C NMR spectrum of 4 in CDCl ₃ at 400 MHz	S13
Figure S13	HRESIMS spectrum of 5	S14
Figure S14	¹ H NMR spectrum of 5 in CDCl ₃ at 500 MHz	S15
Figure S15	¹³ C NMR spectrum of 5 in CDCl ₃ at 125 MHz	S16



Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma	rdb	e ⁻ Conf	N-Rule
359.21909	1	C ₂₀ H ₃₂ NaO ₄	100.00	359.21928	0.19	0.54	9.8	4.5	even	ok

Figure S1. HRESIMS spectrum of **1**

Figure S2. ^1H NMR spectrum of **1** in C_6D_6 at 400 MHz

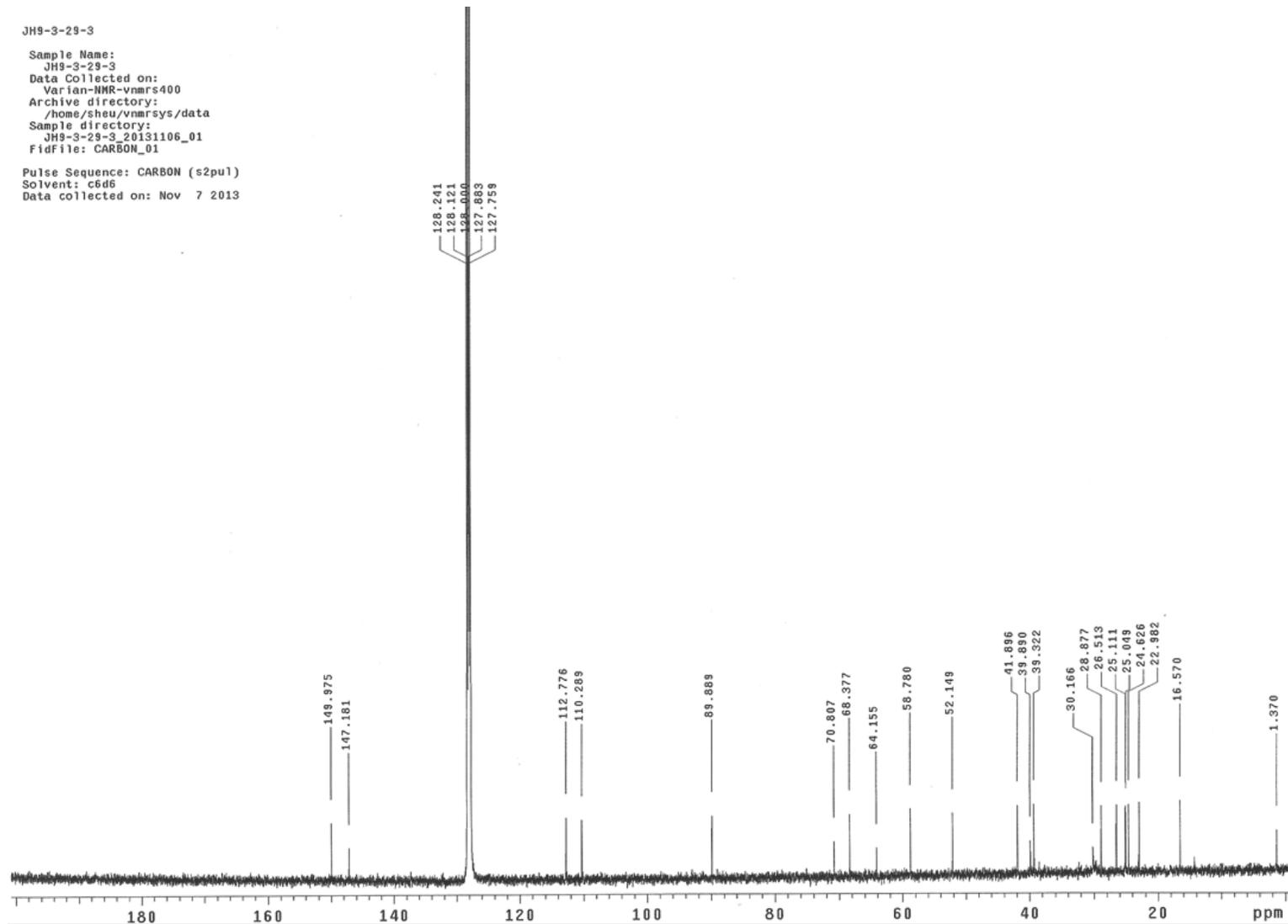
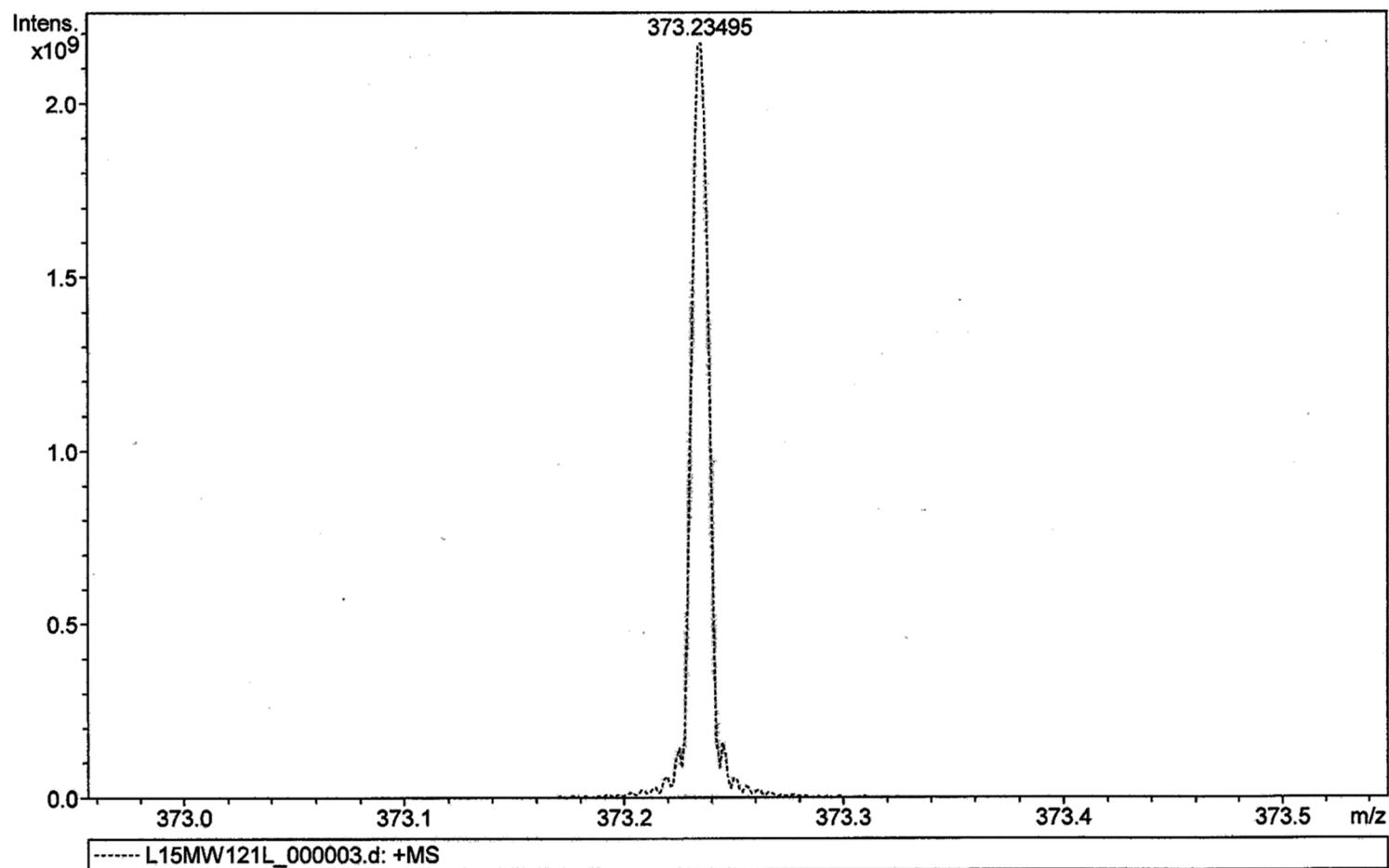
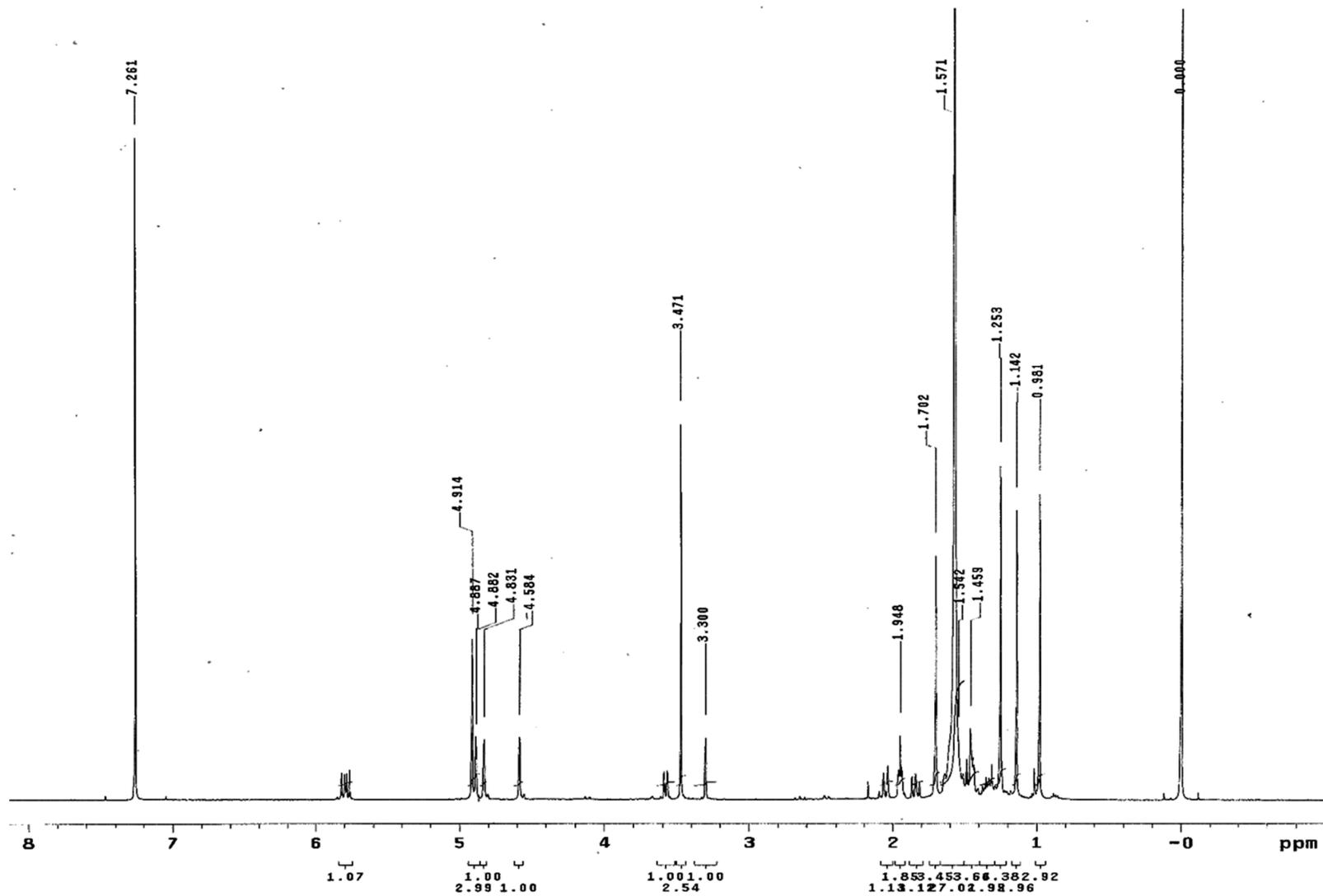


Figure S3. ^{13}C NMR spectrum of **1** in C_6D_6 at 100 MHz



Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma	rdb	e ⁻ Conf	N-Rule
373.23495	1	C ₂₁ H ₃₄ NaO ₄	100.00	373.23493	-0.02	-0.06	4.8	4.5	even	ok

Figure S4. HRESIMS spectrum of 2

Figure S5. ^1H NMR spectrum of 2 in CDCl_3 at 500 MHz

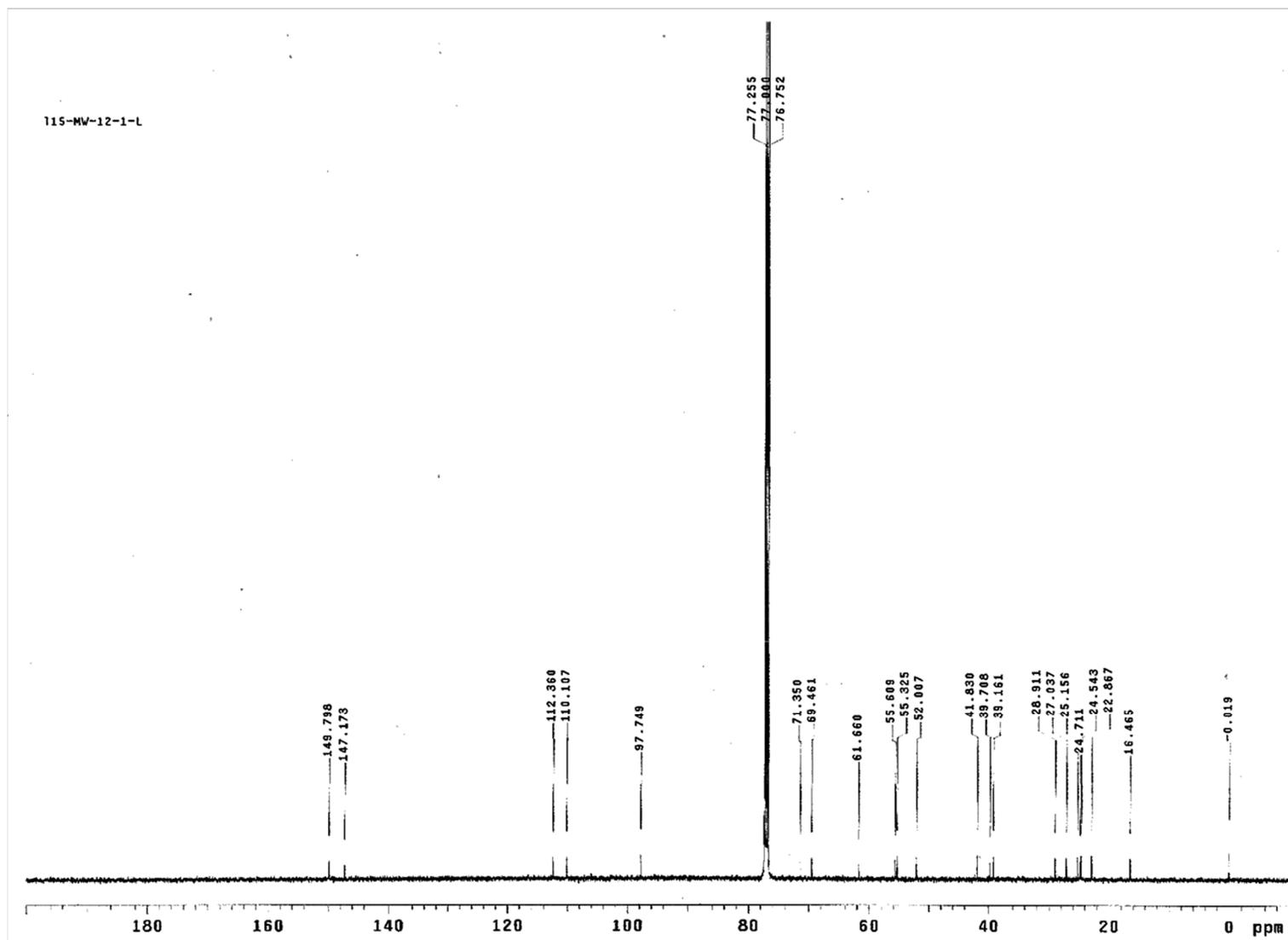
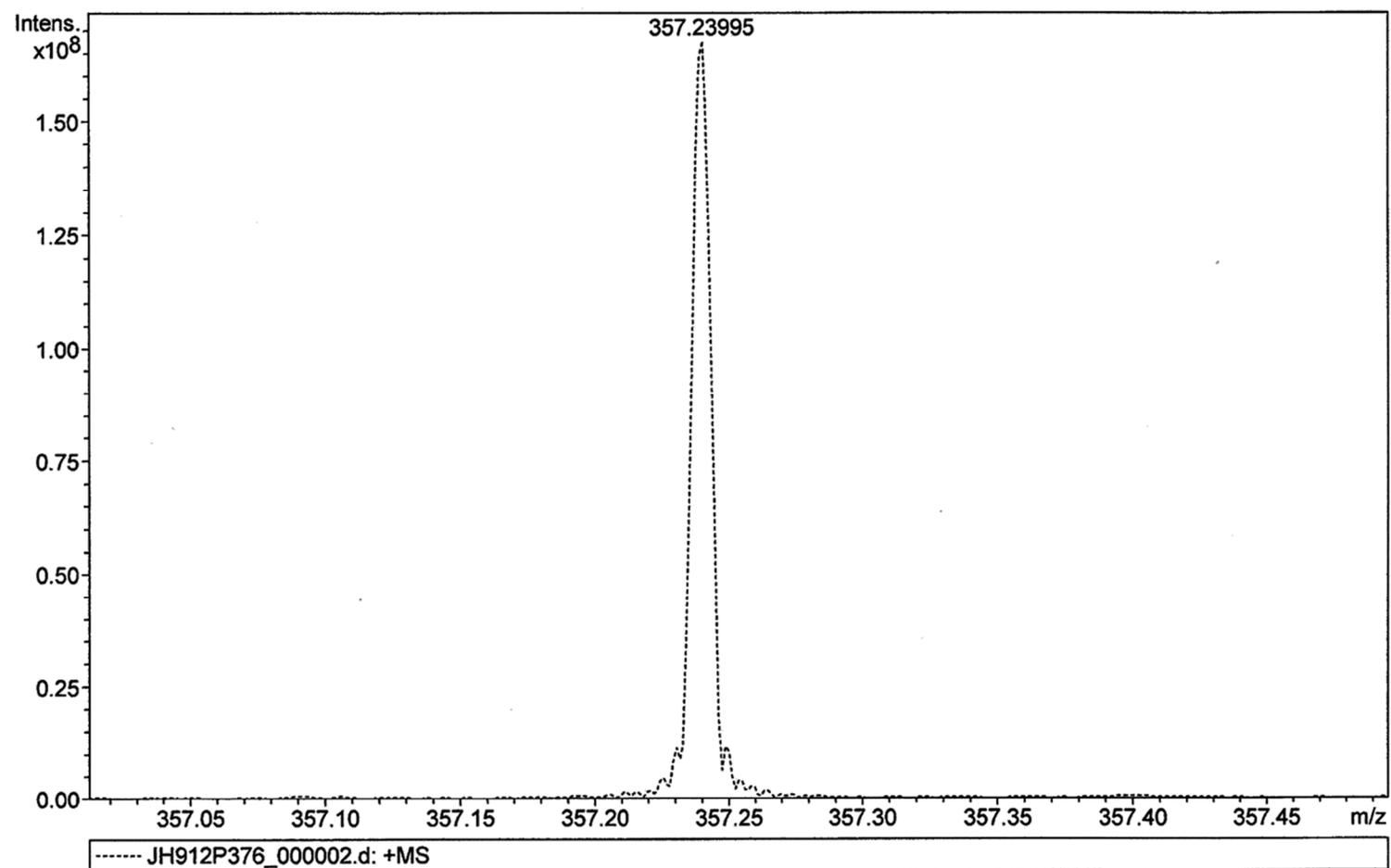
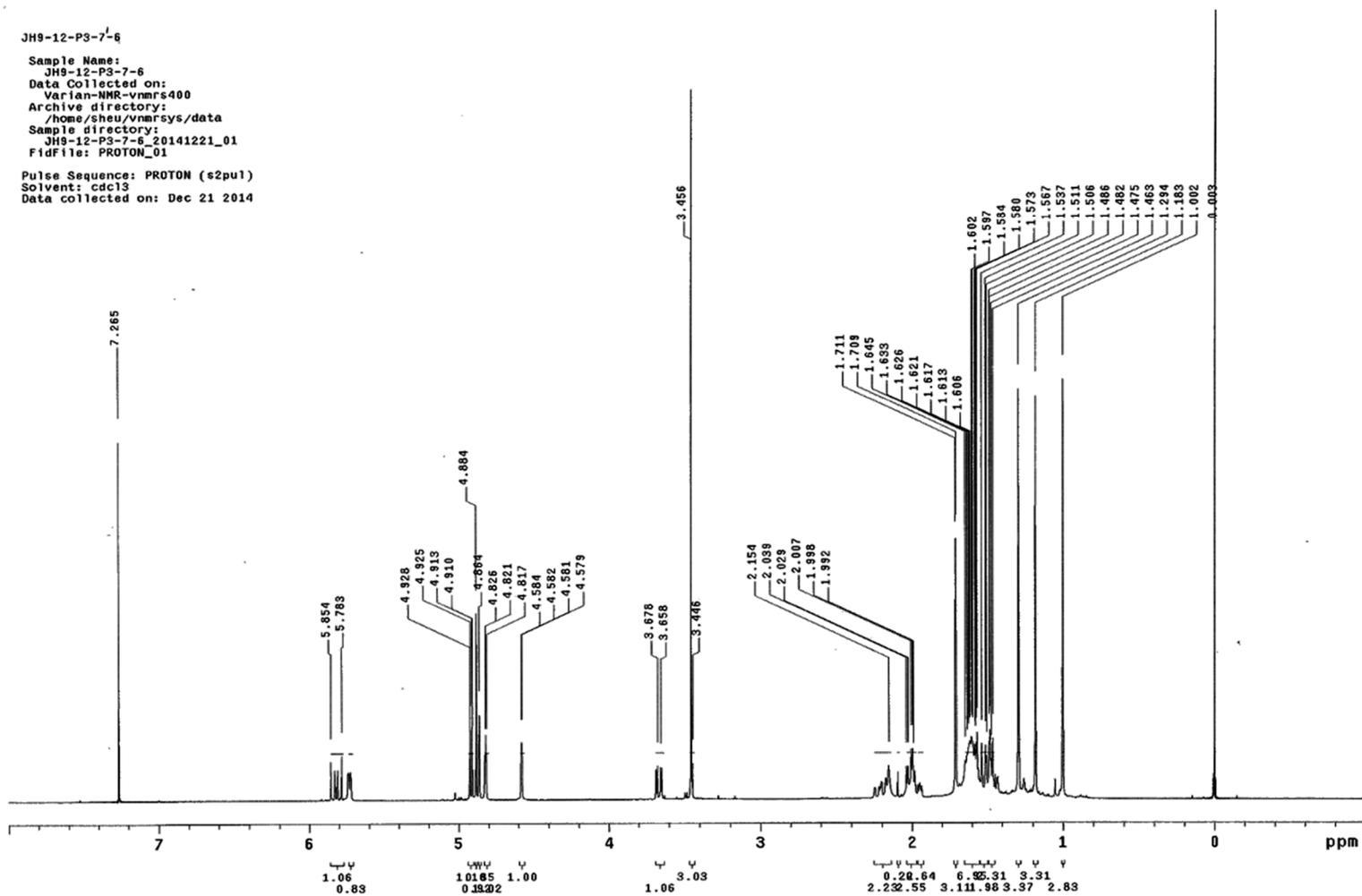


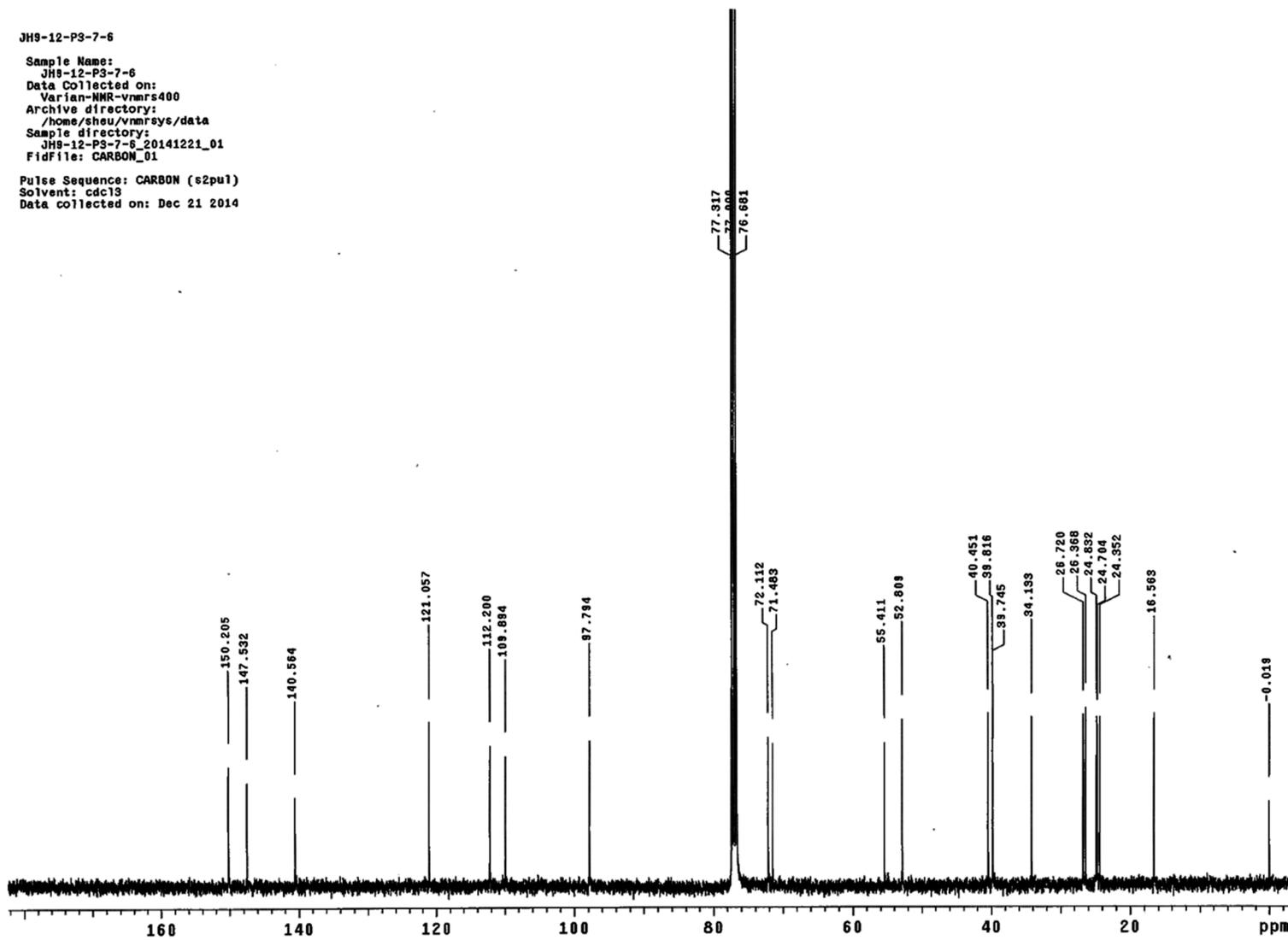
Figure S6. ^{13}C NMR spectrum of **2** in CDCl_3 at 125 MHz

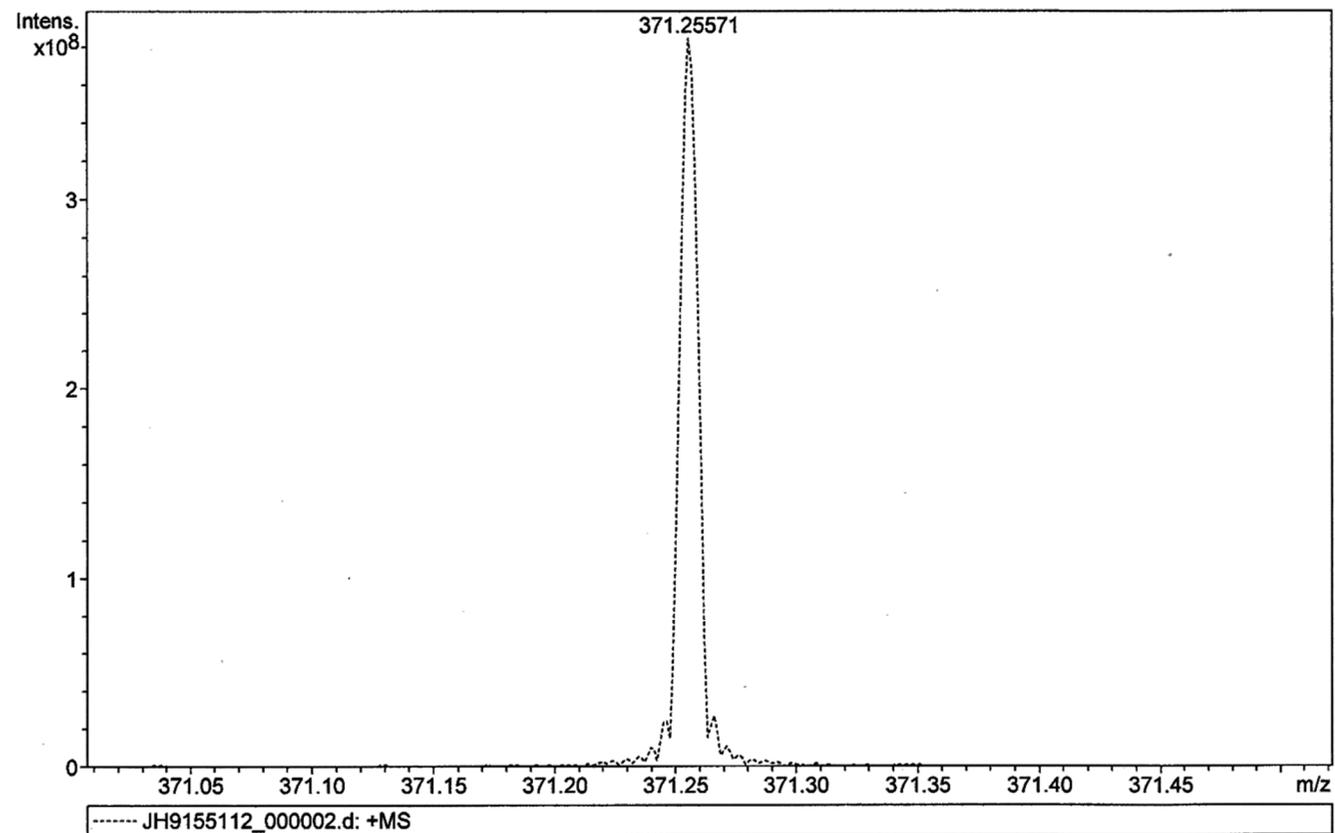


Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma	rdb	e ⁻ Conf	N-Rule
357.23995	1	C ₂₁ H ₃₄ NaO ₃	100.00	357.24002	0.06	0.18	6.5	4.5	even	ok

Figure S7. HRESIMS spectrum of 3

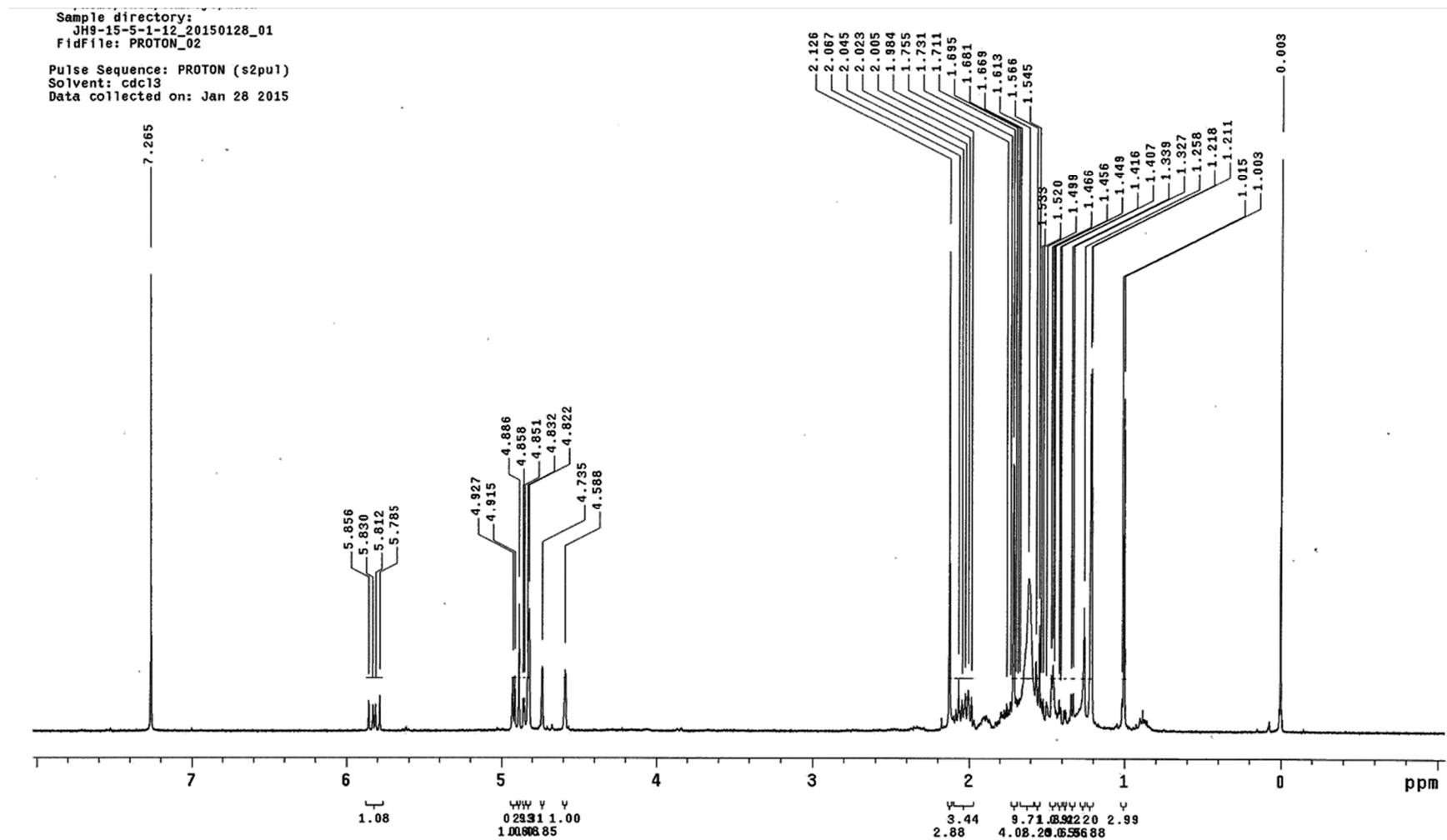
Figure S8. ^1H NMR spectrum of **3** in CDCl_3 at 400 MHz

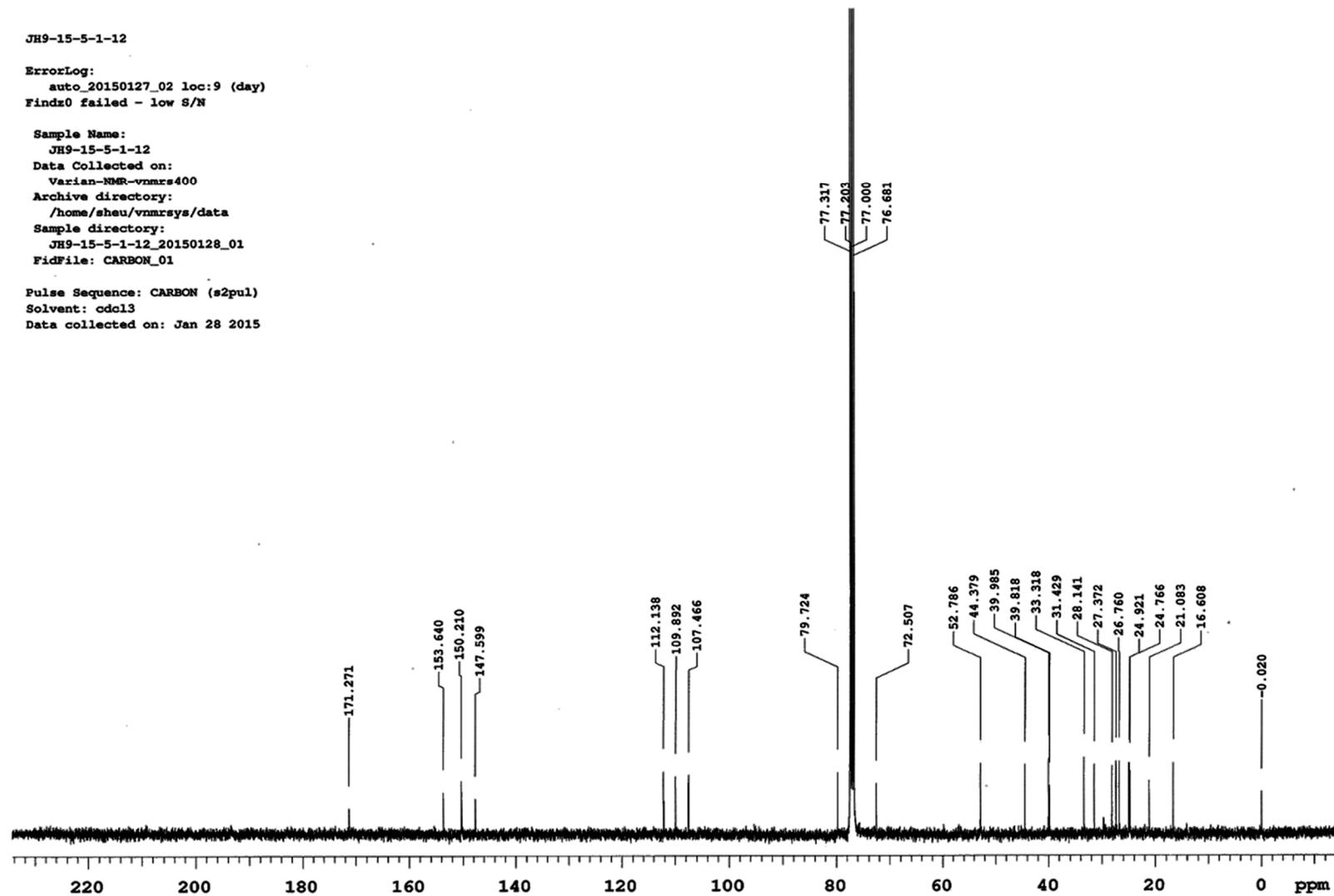
Figure S9. ^{13}C NMR spectrum of **3** in CDCl_3 at 100 MHz



Meas. m/z	#	Formula	Score	m/z	err [mDa]	err [ppm]	mSigma	rdb	e ⁻ Conf	N-Rule
371.25571	1	C ₂₂ H ₃₆ NaO ₃	100.00	371.25567	-0.04	-0.11	3.0	4.5	even	ok

Figure S10. HRESIMS spectrum of 4

Figure S11. ^1H NMR spectrum of **4** in CDCl_3 at 400 MHz

Figure S12. ^{13}C NMR spectrum of 4 in CDCl_3 at 100 MHz

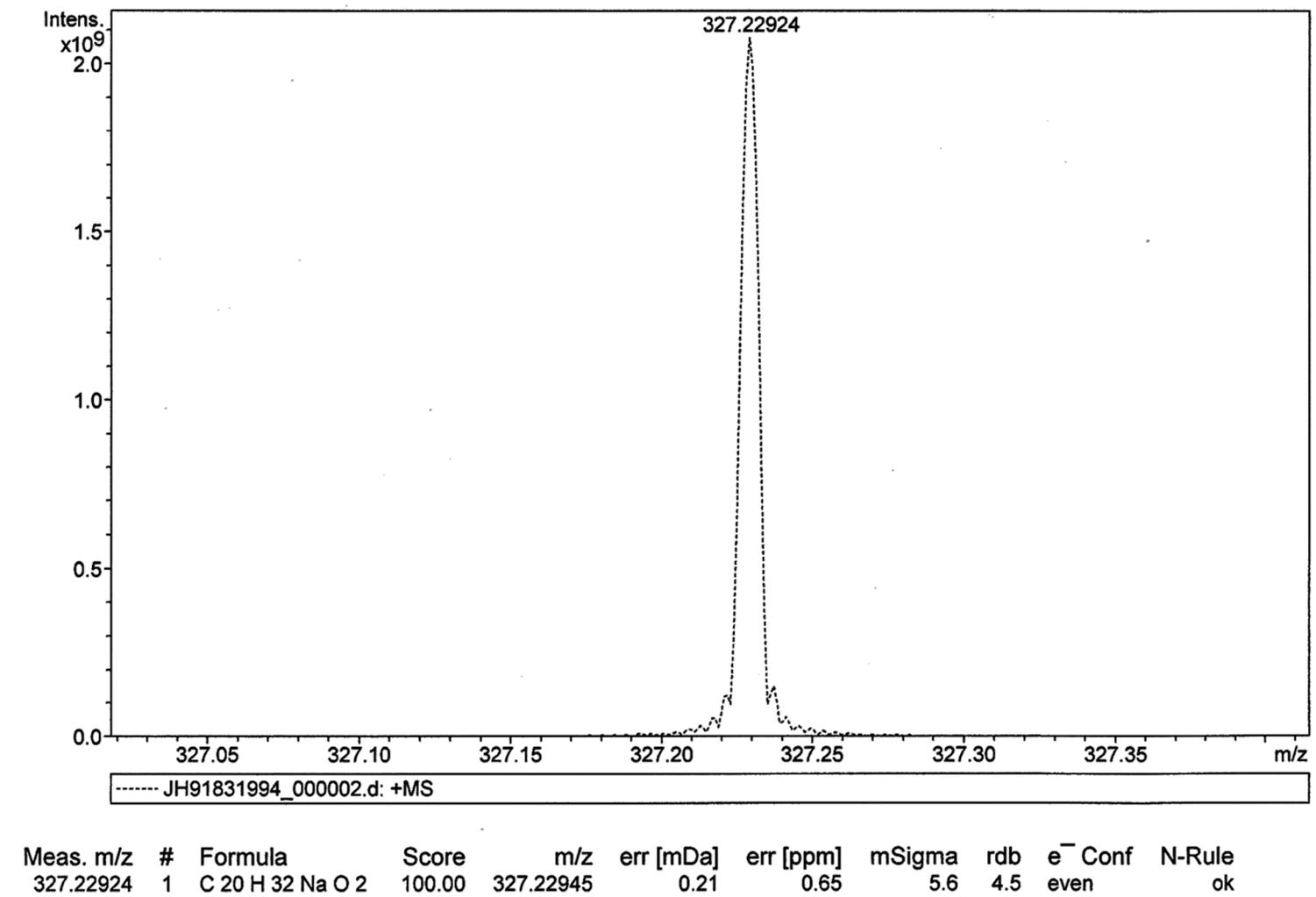
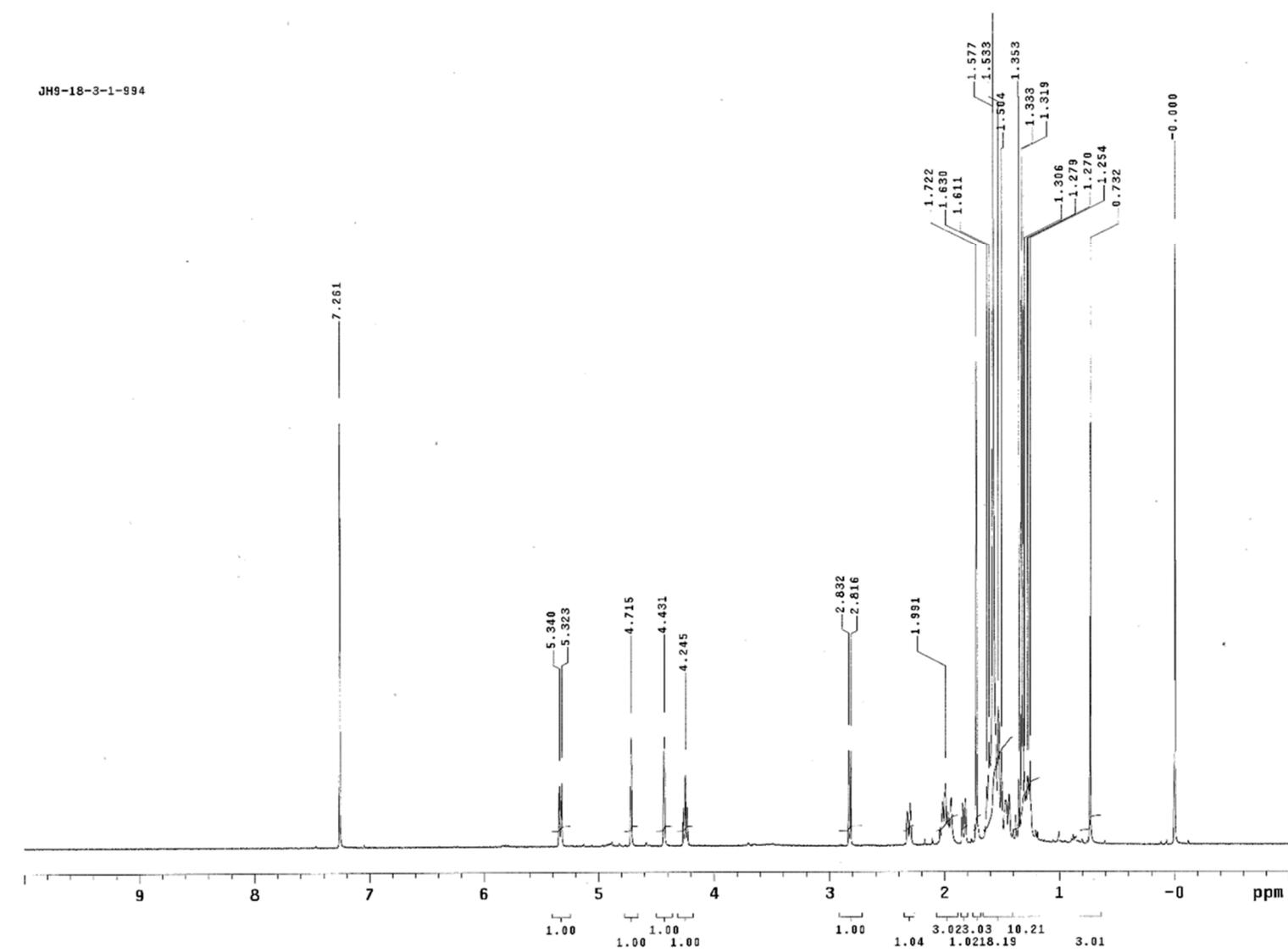


Figure S13. HRESIMS spectrum of 5

Figure S14. ^1H NMR spectrum of 5 in CDCl_3 at 500 MHz

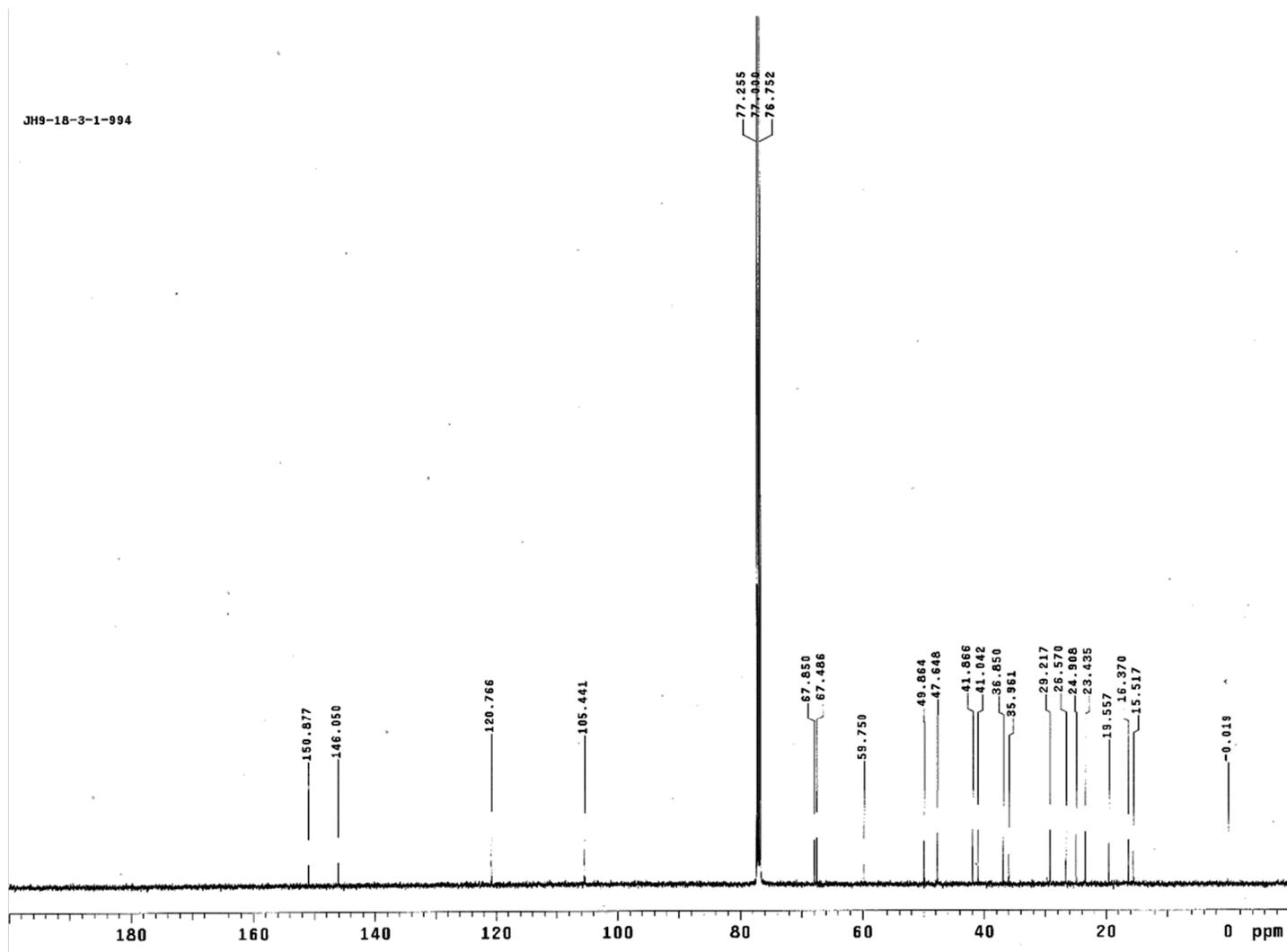


Figure S15. ^{13}C NMR spectrum of 5 in CDCl_3 at 125 MHz