Supporting Information

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Polyacetylenes from the Roots of *Aralia dumetorum*

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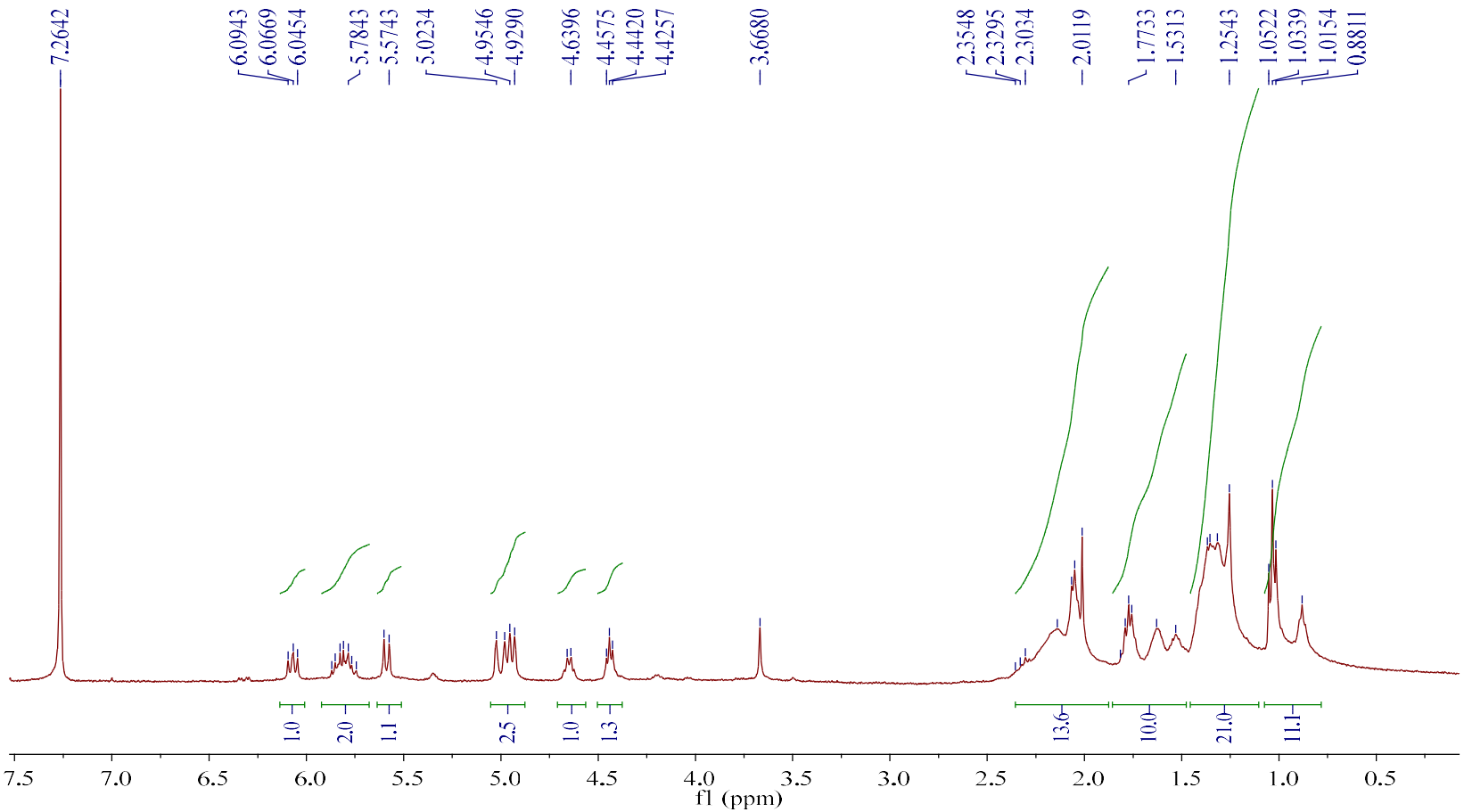


Figure S1: 1H NMR spectrum of **1** in $CDCl_3$ (400 MHz).

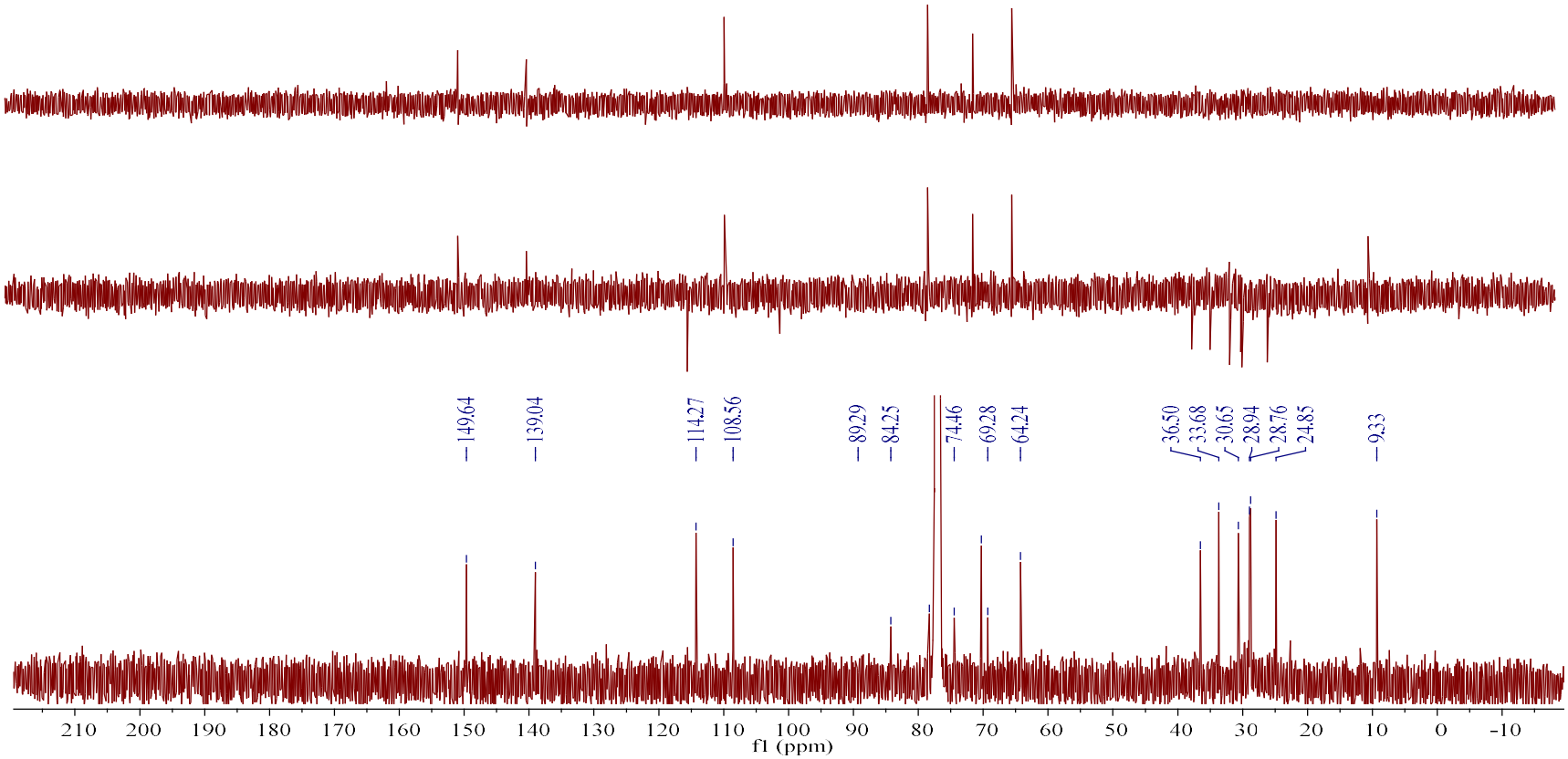


Figure S2: DEPT spectrum of **1** in $CDCl_3$ (100 MHz).

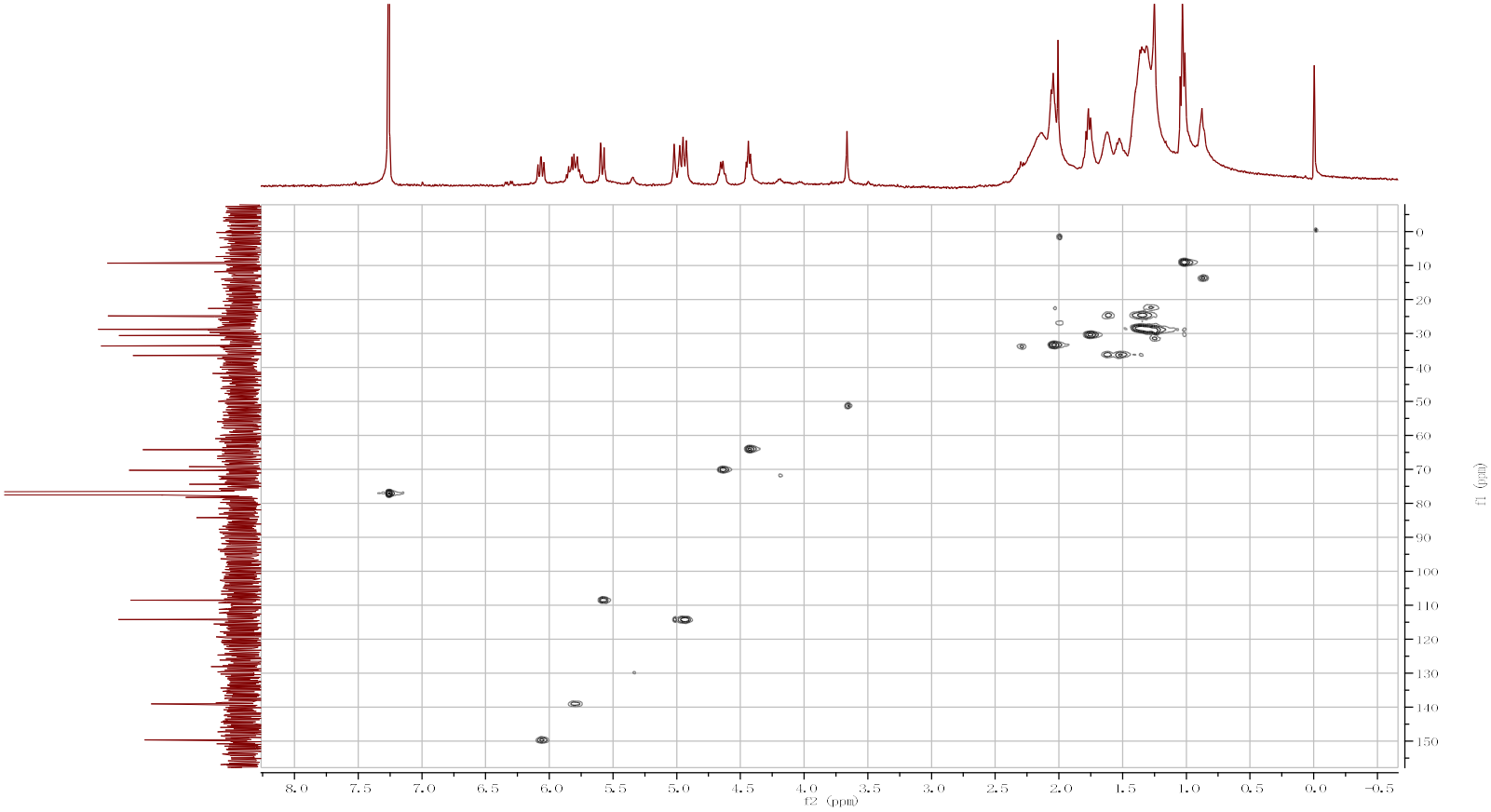


Figure S3: HSQC spectrum of **1** in $CDCl_3$.

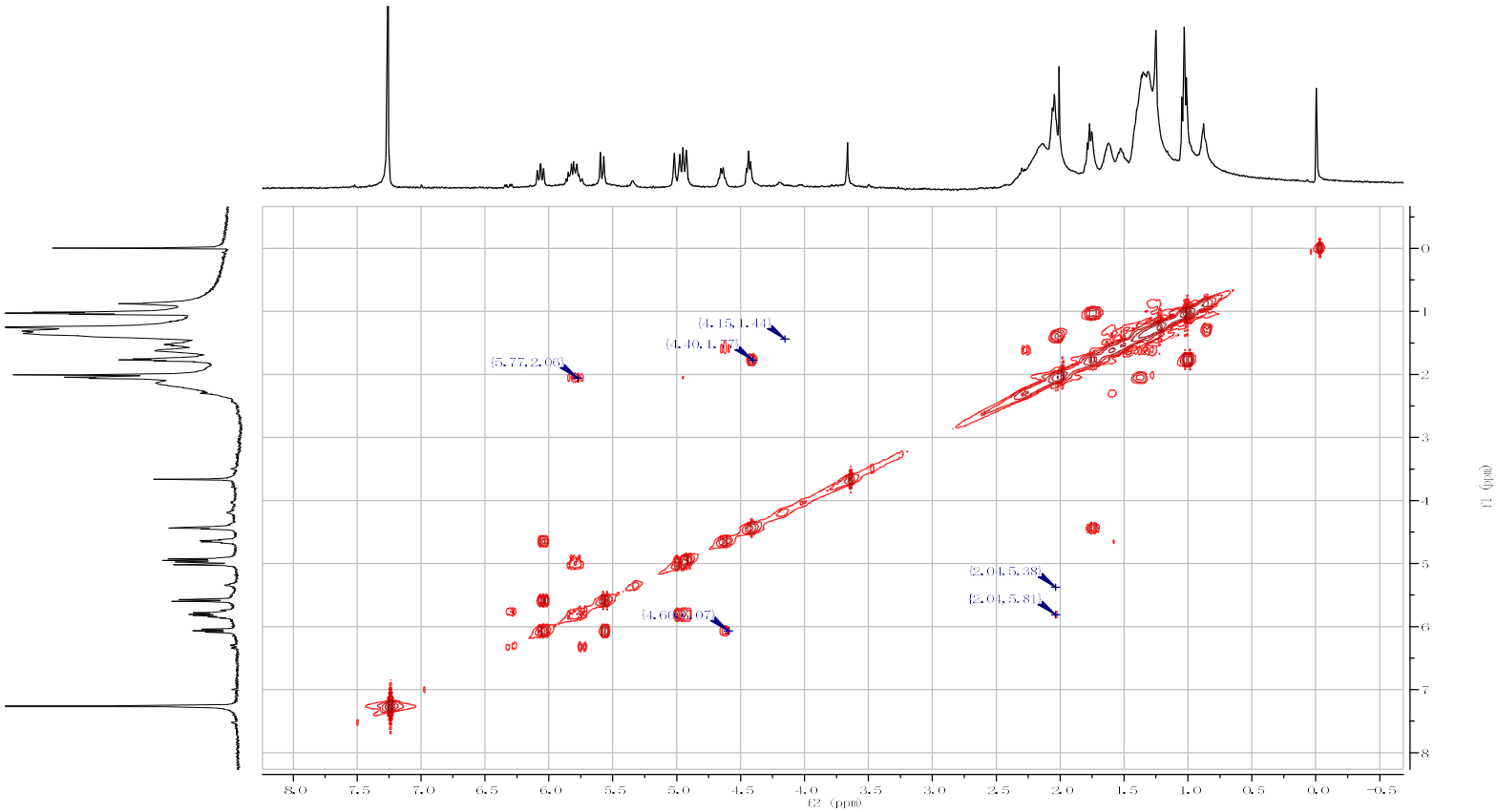
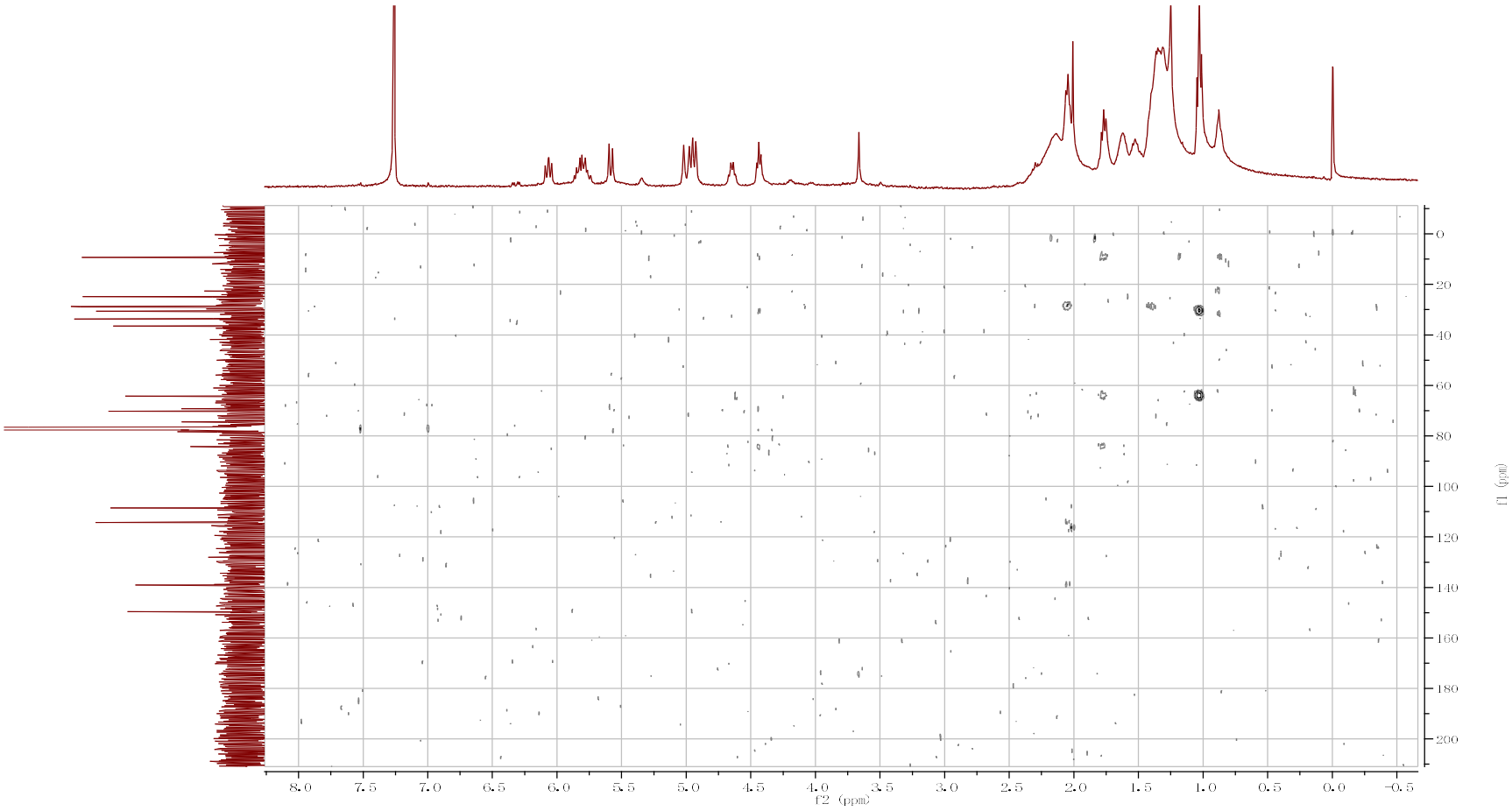


Figure S4: 1H-1H COSY spectrum of **1** in $CDCl_3$.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60
80
100
120
140
160
180
200
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7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
f2 (ppm)

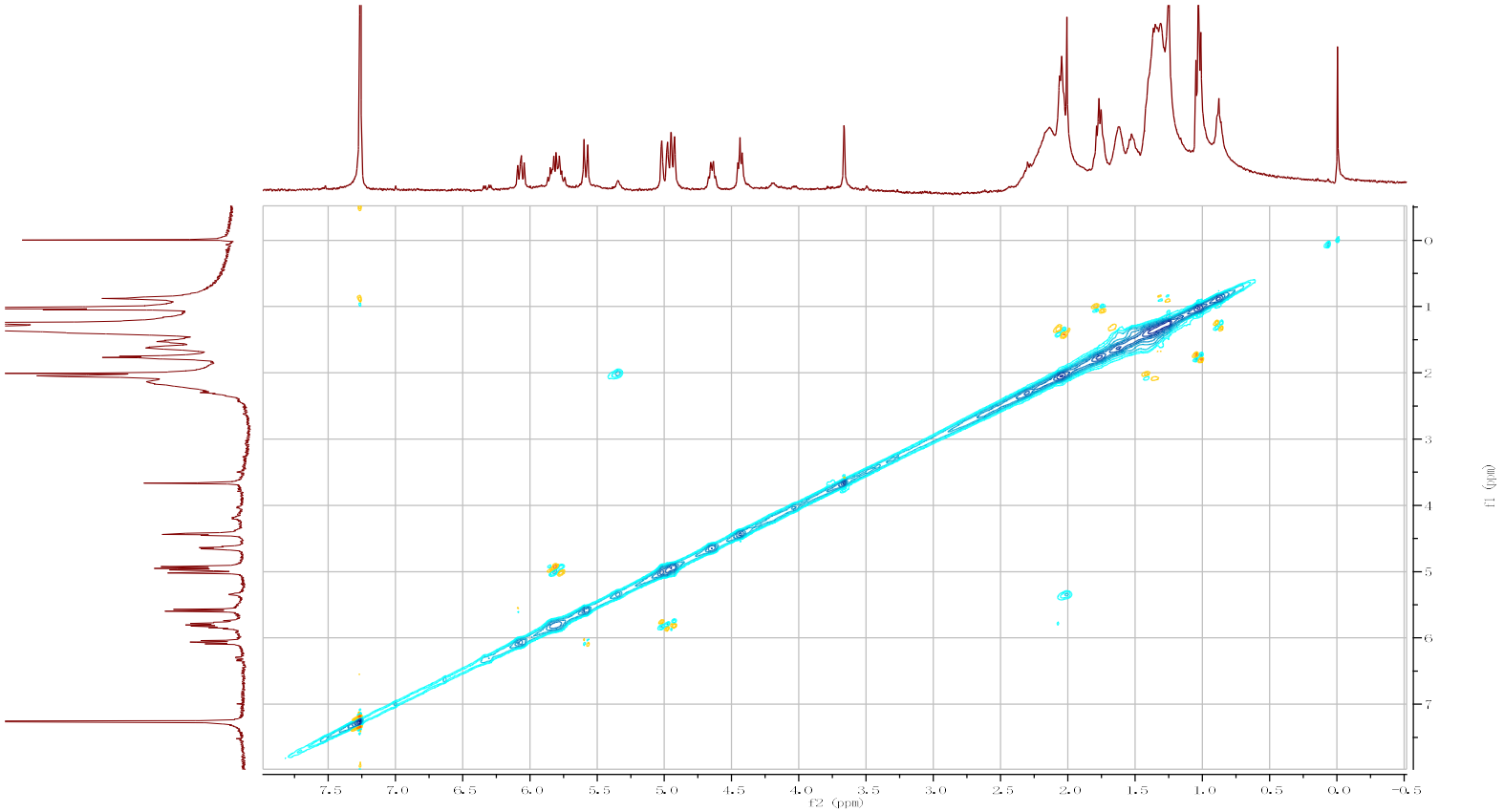

Figure S6: ROESY spectrum of **1** in $CDCl_3$.

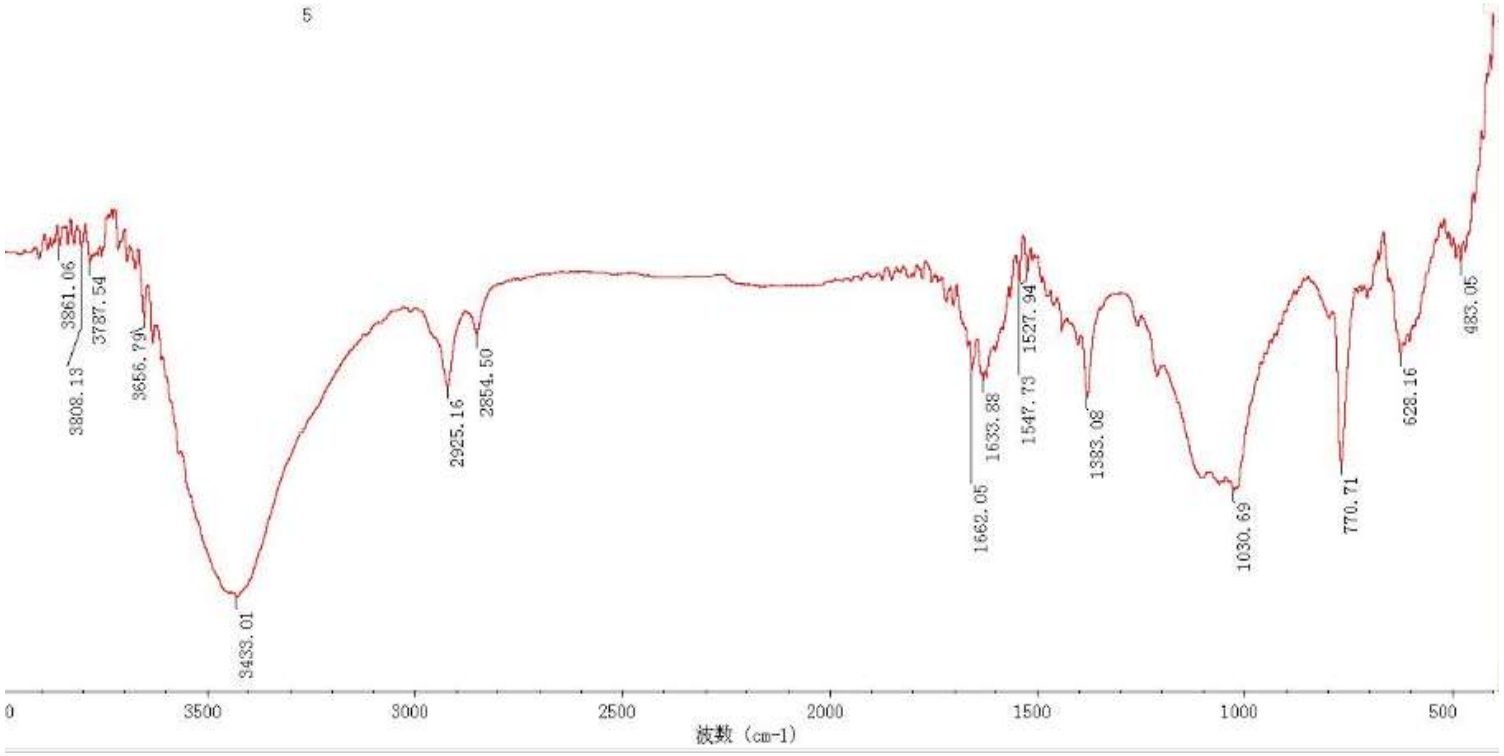

Figure S7: IR spectrum of **1**

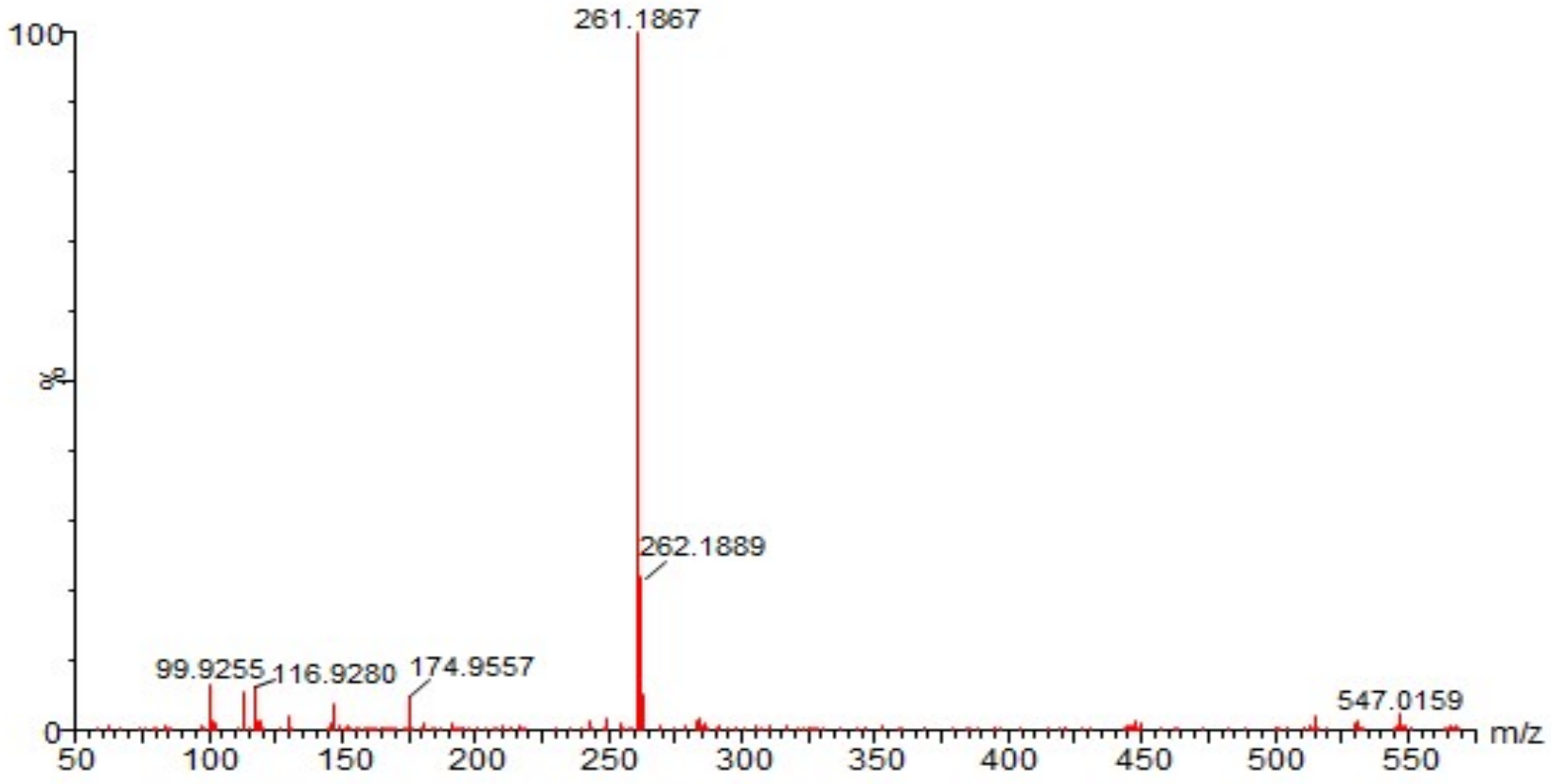

Figure S8: HRESIMS of **1**

Table S1. ^{1}H NMR and ^{13}C NMR data of compounds **1** and **2**

Position	**1**		**2**	
	^{1}H NMR	**^{13}C NMR**	**^{1}H NMR**	**^{13}C NMR**
1	1.03 (3H, *t*, *J* = 7.2)	9.3 (CH_3)	1.02 (3H, *t*, *J* = 6.9)	9.3 (CH_3)
2	1.77 (2H, *m*)	30.6 (CH_2)	1.74 (2H, *m*)	30.6 (CH_2)
3	4.44 (1H, *t*, *J* = 6.0)	64.2 (CH)	4.41 (1H, *t*, *J* = 6.6)	64.3 (CH)
4		84.2 (C)		82.9 (C)
5		69.1 (C)		70.3 (C)
6		74.5 (C)		73.6 (C)
7		78.3 (C)		77.9 (C)
8	5.59 (1H, *d*, *J* = 10.8 Hz)	108.6 (CH)	5.75 (1H, *brd*, *J* = 15.9 Hz)	108.2 (CH)
9	6.06 (1H, *dd*, *J* = 10.8, 8.3)	149.6 (CH)	6.31 (1H, *dd*, *J* = 15.9, 6.0)	149.6 (CH)
10	4.65 (1H, *m*)	69.3 (CH)	4.19 (1H, *ddt*, *J* = 6.8, 6.0, 1.2)	72.0 (CH)
11	1.50 (2H, *m*)	36.5 (CH_2)	1.50 (2H, *q,* , *J* = 6.8)	36.8 (CH_2)
12	1.30 (2H, *m*)	24.8 (CH_2)	1.31 (2H, *m*)	25.0 (CH_2)
13	1.31 (2H, *m*)	28.9 (CH_2)	1.31 (2H, *m*)	29.0 (CH_2)
14	1.35 (2H, *m*)	28.8 (CH_2)	1.37 (2H, *m*)	28.8 (CH_2)
15	2.05 (2H, *m*)	33.7 (CH_2)	2.02 (2H, *q,* , *J* = 7.0)	33.6 (CH_2)
16	5.81 (1H, *m*)	139.0 (CH)	5.78 (1H, *ddt,* , *J* = 16.8, 10.4, 7.0)	138.9 (CH)
17	5.00 (1H,*brd*, *J* = 17.2) 4.94 (1H, *brd*, *J* = 10.2)	114.3 (CH_2)	4.98 (1H,*brd*, *J* = 16.8) 4.94 (1H, *brd*, *J* = 10.4)	114.4 (CH_2)