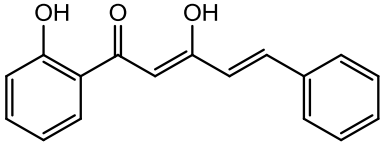
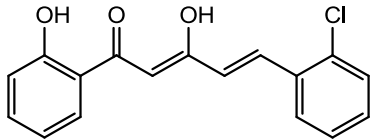
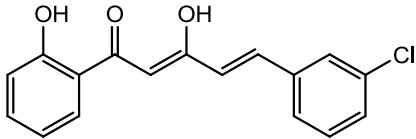
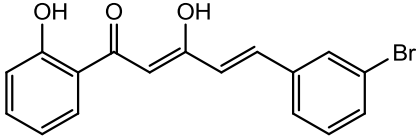


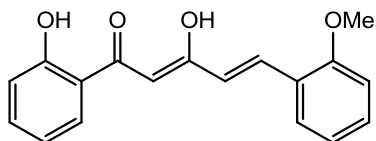
Supplementary Materials

Table S1. Spectrometric data of compounds **1–97**.

Compounds	Structure	¹ H-NMR & ¹³ C-NMR	Calculated Mass	Mass Found	Colour	MP (°C)	Ref MP (°C)	Yield (%)
1		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.32 (s, 1 H) 6.60 (d, <i>J</i> = 16.02 Hz, 1 H) 6.91 (t, <i>J</i> = 7.57 Hz, 1 H) 7.00 (d, <i>J</i> = 8.15 Hz, 1 H) 7.35–7.50 (m, 4 H) 7.56 (d, <i>J</i> = 7.28 Hz, 2 H) 7.66 (d, <i>J</i> = 16.02 Hz, 1 H) 7.70 (d, <i>J</i> = 7.86 Hz, 1 H) 12.24 (s, 1 H) 14.66 (s, 1 H)	266.0943	266.0948	Yellow	129–131	131–132	55.21
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 97.04, 118.76, 119.04, 119.07, 122.12, 128.03, 128.53, 128.98, 130.12, 134.99, 135.83, 139.90, 162.62, 174.45, 196.00						
2		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.33 (s, 1 H) 6.58 (d, <i>J</i> = 15.73 Hz, 1 H) 6.85–6.94 (m, 1 H) 6.99 (dd, <i>J</i> = 8.44, 0.87 Hz, 1 H) 7.29 (dd, <i>J</i> = 5.97, 3.64 Hz, 2 H) 7.39–7.48 (m, 2 H) 7.65 (dd, <i>J</i> = 5.68, 3.64 Hz, 1 H) 7.69 (dd, <i>J</i> = 8.01, 1.31 Hz, 1 H) 8.05 (d, <i>J</i> = 15.73 Hz, 1 H) 12.19 (s, 1 H) 14.55 (s, 1 H)	300.0553	300.0558	Yellow	117–119	-	73.25
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 97.46, 118.79, 119.01, 119.07, 124.62, 127.09, 127.38, 128.55, 130.29, 130.78, 133.19, 135.00, 135.48, 135.97, 162.67, 173.73, 196.20						

3		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.31 (s, 1 H) 6.56 (d, J = 15.73 Hz, 1 H) 6.90 (t, J = 7.57 Hz, 1 H) 6.99 (d, J = 8.44 Hz, 1 H) 7.28–7.36 (m, 2 H) 7.40 (d, J = 6.41 Hz, 1 H) 7.45 (t, J = 7.86 Hz, 1 H) 7.53 (br. s., 1 H) 7.55 (d, J = 16.02 Hz, 1 H) 7.68 (d, J = 8.15 Hz, 1 H)	300.0553	300.0558	Yellow	127–128	-	72.87
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 97.50, 118.80, 118.99, 119.10, 123.53, 126.25, 127.54, 128.53, 129.85, 130.18, 134.99, 136.00, 136.83, 138.03, 162.68, 173.55, 196.20						
4		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.32 (s, 1 H) 6.57 (d, J = 15.73 Hz, 1 H) 6.91 (t, J = 7.72 Hz, 1 H) 6.99 (d, J = 8.44 Hz, 1 H) 7.24–7.30 (m, 1 H) 7.41–7.51 (m, 3 H) 7.55 (d, J = 15.73 Hz, 1 H) 7.66–7.72 (m, 2 H) 12.17 (s, 1 H) 14.54 (s, 1 H)	344.0048	344.0050	Yellow	118–119	-	82.32
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 97.51, 118.80, 118.99, 119.10, 123.13, 123.56, 126.70, 128.53, 130.44, 130.48, 132.75, 136.01, 137.11, 137.93, 162.68, 173.51, 196.21						

5

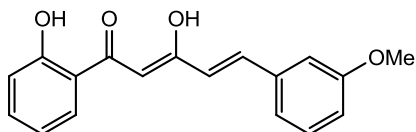


$^1\text{H-NMR}$ (500 MHz, $\text{CHLOROFORM-}d$) δ ppm
 3.92 (s, 3 H) 6.32 (s, 1 H) 6.71 (d, $J = 16.02$ Hz,
 1 H) 6.90 (t, $J = 7.57$ Hz, 1 H) 6.94 (d, $J = 8.15$
 Hz, 1 H) 6.96–7.03 (m, 2 H) 7.36 (t, $J = 7.86$ Hz,
 1 H) 7.45 (t, $J = 7.72$ Hz, 1 H) 7.55 (d, $J = 7.86$
 Hz, 1 H) 7.71 (d, $J = 7.86$ Hz, 1 H) 7.98 (d,
 $J = 16.02$ Hz, 1 H) 12.28 (s, 1 H) 14.72 (s, 1 H)

296.1049 296.1052 Yellow 100–102 - 52.45

$^{13}\text{C-NMR}$ (126 MHz, $\text{CHLOROFORM-}d$) δ ppm
 55.55, 96.75, 111.23, 118.70, 118.96, 119.14,
 120.81, 122.69, 123.95, 128.48, 128.78, 131.39,
 135.56, 135.62, 158.39, 162.54, 175.40, 195.74

6

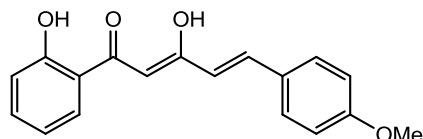


$^1\text{H-NMR}$ (500 MHz, $\text{CHLOROFORM-}d$) δ ppm
 3.85 (s, 3 H) 6.31 (s, 1 H) 6.57 (d, $J = 15.73$ Hz,
 1 H) 6.88–6.92 (m, 1 H) 6.94 (ddd, $J = 8.23$,
 2.55, 0.87 Hz, 1 H) 6.99 (dd, $J = 8.30$, 1.02 Hz, 1
 H) 7.05–7.09 (m, 1 H) 7.15 (dt, $J = 7.57$, 0.73
 Hz, 1 H) 7.29–7.34 (m, 1 H) 7.45 (ddd, $J = 8.45$,
 6.99, 1.46 Hz, 1 H) 7.62 (d, $J = 15.73$ Hz, 1 H)
 7.69 (dd, $J = 8.15$, 1.46 Hz, 1 H) 12.22 (s, 1 H)
 14.63 (s, 1 H)

296.1049 296.1054 Yellow 101–103 NR 55.11

$^{13}\text{C-NMR}$ (126 MHz, $\text{CHLOROFORM-}d$) δ ppm
 55.31, 97.09, 112.98, 115.93, 118.76, 119.03,
 119.05, 120.69, 122.42, 128.52, 129.95, 135.84,
 136.36, 139.80, 159.98, 162.62, 174.32, 196.01

7

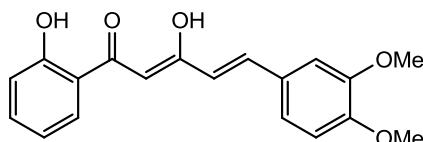


$^1\text{H-NMR}$ (500 MHz, CHCl_3 -*d*) δ ppm
 3.85 (s, 3 H) 6.27 (s, 1 H) 6.45 (d, $J = 15.73$ Hz,
 1 H) 6.86–6.95 (m, 3 H) 6.99 (d, $J = 8.15$ Hz, 1 H)
 7.44 (t, $J = 7.72$ Hz, 1 H) 7.50 (d, $J = 8.44$ Hz, 2 H)
 7.62 (d, $J = 15.73$ Hz, 1 H) 7.69 (d, $J = 7.86$ Hz,
 1 H) 12.28 (s, 1 H) 14.75 (s, 1 H)

296.1049 296.1053 Yellow 116–117 128–130 57.21

$^{13}\text{C-NMR}$ (126 MHz, CHCl_3 -*d*) δ ppm
 55.41, 96.43, 114.47, 118.70, 118.97, 119.12,
 119.65, 127.74, 128.43, 129.73, 135.60, 139.78,
 161.37, 162.52, 175.19, 195.57

8



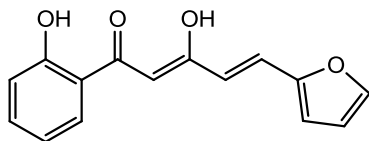
$^1\text{H-NMR}$ (500 MHz, CHCl_3 -*d*) δ ppm
 3.92 (s, 3 H) 3.94 (s, 3 H) 6.29 (s, 1 H) 6.46 (d,
 $J = 15.73$ Hz, 1 H) 6.84–6.90 (m, 2 H) 6.98 (d,
 $J = 8.15$ Hz, 1 H) 7.07 (d, $J = 1.46$ Hz, 1 H) 7.13
 (dd, $J = 8.15, 1.46$ Hz, 1 H) 7.40–7.45 (m, 1 H)
 7.60 (d, $J = 15.73$ Hz, 1 H) 7.68 (d, $J = 8.15$ Hz,
 1 H) 12.26 (s, 1 H) 14.73 (s, 1 H)

326.1154 326.1157 Orange 123–125 126–128 32.46

$^{13}\text{C-NMR}$ (126 MHz, CHCl_3 -*d*) δ ppm
 55.92, 56.01, 96.50, 109.68, 111.18, 118.71,
 118.96, 119.10, 119.87, 122.60, 128.00, 128.40,
 135.63, 139.98, 149.29, 151.12, 162.53, 175.01,
 195.58

9		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.90 (s, 3 H) 3.91 (d, J = 0.58 Hz, 6 H) 6.32 (s, 1 H) 6.49 (d, J = 15.73 Hz, 1 H) 6.77 (s, 2 H) 6.88 (t, J = 7.57 Hz, 1 H) 6.98 (d, J = 8.15 Hz, 1 H) 7.44 (t, J = 7.86 Hz, 1 H) 7.56 (d, J = 15.73 Hz, 1 H) 7.68 (d, J = 8.15 Hz, 1 H) 12.22 (s, 1 H) 14.65 (s, 1 H)	356.1260	356.1265	Yellow	128–129	-	15.64
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 56.16, 56.18, 61.02, 96.89, 105.21, 118.74, 119.00, 119.06, 121.37, 128.44, 130.51, 135.78, 139.88, 153.49, 162.59, 174.44, 195.83						
10		¹ H-NMR (500 MHz, acetone) δ ppm 6.88–7.03 (m, 3 H) 7.21 (d, J = 16.02 Hz, 1 H) 7.47 (s, 1 H) 7.72 (dd, J = 12.09, 3.06 Hz, 2 H) 7.85 (d, J = 7.57 Hz, 1 H) 8.11–8.24 (m, 2 H) 8.56 (s, 1 H) 11.35 (br. s., 1 H) 14.69–15.94 (br. s., 1 H)	311.0794	311.0799	Yellow	184–186	187–194	81.67
		¹³ C-NMR (126 MHz, acetone) δ ppm 101.04, 117.74, 119.43, 120.59, 122.25, 124.14, 126.23, 129.52, 130.46, 134.28, 135.34, 136.56, 136.73, 148.39, 159.69, 175.42, 192.41						
11		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.40 (s, 1 H) 6.72 (d, J = 14.56 Hz, 1 H) 6.85–7.09 (m, 2 H) 7.41–7.82 (m, 5 H) 8.27 (s, 2 H) 12.10 (br. s., 1 H) 14.45 (br. s., 1 H)	311.0794	311.0799	Orange	191–193	198–199	82.53
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 98.37, 118.91, 119.17, 124.26, 126.44, 128.39, 128.58, 136.32, 136.48, 141.20, 148.19, 162.80, 172.36, 196.54						

12

¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm

6.29 (s, 1 H) 6.47–6.53 (m, 2 H) 6.62 (d, $J = 3.20$ Hz, 1 H) 6.89 (t, $J = 7.57$ Hz, 1 H) 6.98 (d, $J = 8.15$ Hz, 1 H) 7.41 (d, $J = 15.43$ Hz, 1 H) 7.43–7.47 (m, 1 H) 7.51 (s, 1 H) 7.68 (d, $J = 7.86$ Hz, 1 H) 12.24 (s, 1 H) 14.60 (s, 1 H)

256.0736

256.0738

Orange

116–117

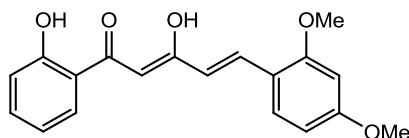
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32.87

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm

97.02, 112.61, 114.76, 118.71, 119.01, 119.10, 119.98, 126.22, 128.48, 135.72, 144.84, 151.66, 162.57, 174.28, 195.72

13

¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm

3.84 (s, 3 H) 3.89 (s, 3 H) 6.26 (s, 1 H) 6.46 (d, $J = 2.04$ Hz, 1 H) 6.52 (dd, $J = 8.59, 2.18$ Hz, 1 H) 6.60 (d, $J = 16.02$ Hz, 1 H) 6.88 (t, $J = 7.57$ Hz, 1 H) 6.98 (d, $J = 8.15$ Hz, 1 H) 7.42 (t, $J = 7.72$ Hz, 1 H) 7.47 (d, $J = 8.74$ Hz, 1 H) 7.68 (d, $J = 7.86$ Hz, 1 H) 7.89 (d, $J = 15.73$ Hz, 1 H) 12.34 (s, 1 H) 14.82 (s, 1 H)

326.1154

326.1157

Orange

134–135

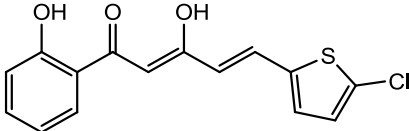
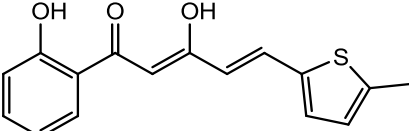
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30.64

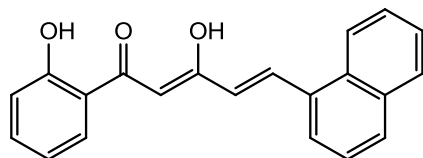
¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm

55.50, 55.54, 96.18, 98.44, 105.52, 117.15, 118.62, 118.90, 119.21, 120.02, 128.40, 130.38, 135.38, 135.74, 159.95, 162.44, 162.81, 176.24, 195.21

14		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.81 (d, J = 1.46 Hz, 3 H) 3.86 (s, 3 H) 6.30 (s, 1 H) 6.67 (d, J = 16.02 Hz, 1 H) 6.82–6.92 (m, 3 H) 6.98 (d, J = 8.45 Hz, 1 H) 7.07 (s, 1 H) 7.44 (t, J = 7.72 Hz, 1 H) 7.69 (d, J = 8.15 Hz, 1 H) 7.94 (d, J = 16.02 Hz, 1 H) 12.27 (s, 1 H) 14.68 (s, 1 H)	326.1154	326.1157	Yellow	89–90	-	27.89
15		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.33 (s, 1 H) 6.57 (d, J = 14.56 Hz, 1 H) 6.78–7.08 (m, 2 H) 7.31–7.56 (m, 4 H) 7.58–7.73 (m, 2 H) 12.14 (br. s., 1 H) 14.51 (br. s., 1 H)	334.0163	334.0169	Yellow	172–174	-	75.11
16		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.27 (s, 1 H) 6.38 (d, J = 15.73 Hz, 1 H) 6.85–6.93 (m, 1 H) 6.99 (d, J = 8.15 Hz, 1 H) 7.07 (dd, J = 4.95, 3.79 Hz, 1 H) 7.26 (d, J = 3.20 Hz, 1 H) 7.39 (d, J = 4.95 Hz, 1 H) 7.42–7.48 (m, 1 H) 7.64–7.71 (m, 1 H) 7.76 (d, J = 15.43 Hz, 1 H) 12.24 (s, 1 H) 14.64 (s, 1 H)	272.0507	272.0513	Orange	124–125	-	72.55

17		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.25 (d, J = 15.73 Hz, 1 H) 6.27 (s, 1 H) 6.87–6.93 (m, 2 H) 6.99 (d, J = 8.15 Hz, 1 H) 7.04 (d, J = 3.49 Hz, 1 H) 7.42–7.49 (m, 1 H) 7.61 (d, J = 15.43 Hz, 1 H) 7.69 (d, J = 8.15 Hz, 1 H) 12.19 (s, 1 H) 14.59 (s, 1 H)	306.0117	306.0123	Yellow	129–130	-	71.12
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 97.06, 118.75, 119.01, 119.03, 121.16, 127.56, 128.47, 130.20, 131.81, 133.21, 135.86, 139.27, 162.60, 173.54, 195.85						
18		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 2.53 (s, 3 H) 6.21–6.29 (m, 2 H) 6.72–6.76 (m, 1 H) 6.89 (t, J = 7.57 Hz, 1 H) 6.98 (d, J = 8.44 Hz, 1 H) 7.08 (d, J = 3.49 Hz, 1 H) 7.40–7.48 (m, 1 H) 7.65–7.73 (m, 2 H) 12.26 (s, 1 H) 14.70 (s, 1 H)	286.0664	286.0668	Orange	116–118	-	64.33
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 15.91, 96.41, 118.68, 118.95, 119.10, 119.66, 126.81, 128.40, 131.59, 133.09, 135.59, 138.57, 144.31, 162.50, 174.65, 195.45						

19

¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm

6.38 (s, 1 H) 6.70 (d, J = 15.43 Hz, 1 H)
 6.87–6.95 (m, 1 H) 7.01 (d, J = 8.44 Hz, 1 H)
 7.45–7.50 (m, 1 H) 7.50–7.58 (m, 2 H) 7.59–7.63
 (m, 1 H) 7.73 (dd, J = 8.15, 1.16 Hz, 1 H) 7.82
 (d, J = 7.28 Hz, 1 H) 7.91 (t, J = 7.43 Hz, 2 H)
 8.26 (d, J = 8.45 Hz, 1 H) 8.51 (d, J = 15.73 Hz,
 1 H) 12.24 (s, 1 H) 14.71 (s, 1 H)

316.1099

316.1100

Yellow

105–106

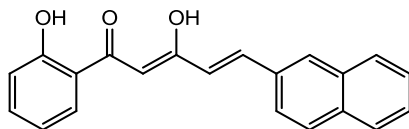
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53.81

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm

97.20, 118.79, 119.05, 119.09, 123.42, 124.65,
 124.80, 125.50, 126.30, 126.93, 128.53, 128.78,
 130.45, 131.49, 132.39, 133.78, 135.87, 136.69,
 162.64, 174.25, 196.14

20

¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm

6.38 (s, 1 H) 6.73 (d, J = 15.73 Hz, 1 H) 6.92 (t,
 J = 7.57 Hz, 1 H) 7.01 (d, J = 8.45 Hz, 1 H)
 7.43–7.49 (m, 1 H) 7.50–7.56 (m, 2 H) 7.73 (dd,
 J = 7.43, 5.39 Hz, 2 H) 7.79–7.91 (m, 4 H) 7.98
 (s, 1 H) 12.24 (s, 1 H) 14.69 (s, 1 H)

316.1099

316.1100

Yellow

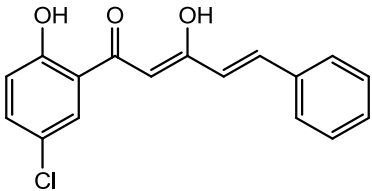
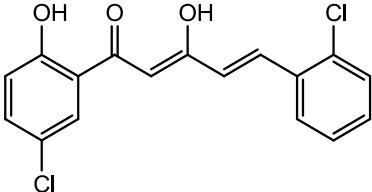
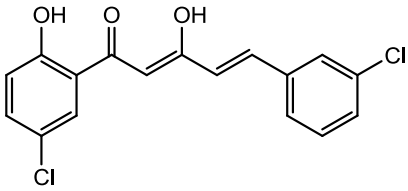
173–175

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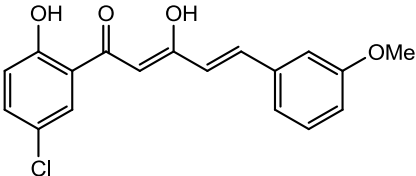
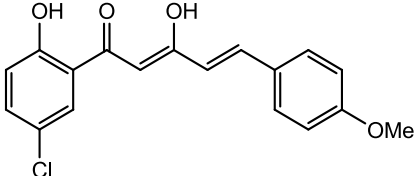
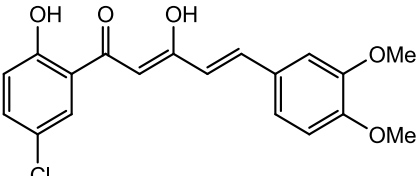
49.21

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm

97.06, 118.79, 119.04, 119.12, 122.36, 123.46,
 126.79, 127.27, 127.82, 128.50, 128.59, 128.77,
 129.86, 132.51, 133.44, 134.15, 135.82, 140.00,
 162.64, 174.49, 195.97

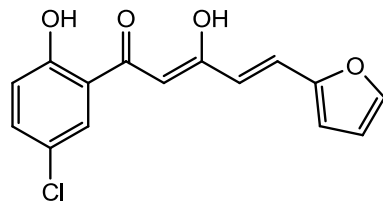
21		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.23 (s, 1 H) 6.59 (d, J = 16.02 Hz, 1 H) 6.93 (d, J = 9.03 Hz, 1 H) 7.37 (dd, J = 8.88, 2.18 Hz, 1 H) 7.39–7.44 (m, 3 H) 7.55 (d, J = 6.70 Hz, 2 H) 7.63 (d, J = 2.33 Hz, 1 H) 7.67 (d, J = 15.73 Hz, 1 H) 12.16 (s, 1 H) 14.55 (s, 1 H)	300.0553	300.0557	Yellow	132–134	-	76.59
22		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.27 (s, 1 H) 6.60 (d, J = 15.73 Hz, 1 H) 6.95 (d, J = 8.74 Hz, 1 H) 7.28–7.35 (m, 2 H) 7.36–7.49 (m, 2 H) 7.60–7.70 (m, 2 H) 8.08 (d, J = 16.02 Hz, 1 H) 12.11 (s, 1 H) 14.46 (s, 1 H)	334.0163	334.0169	Yellow	149–150	-	80.56
23		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.26 (s, 1 H) 6.59 (d, J = 15.73 Hz, 1 H) 6.94 (d, J = 9.03 Hz, 1 H) 7.31–7.45 (m, 4 H) 7.54 (s, 1 H) 7.59 (d, J = 15.73 Hz, 1 H) 7.64 (d, J = 2.33 Hz, 1 H) 12.09 (s, 1 H) 14.45 (s, 1 H)	334.0163	334.0169	Yellow	157–159	-	82.31

23		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.26 (s, 1 H) 6.59 (d, J = 15.73 Hz, 1 H) 6.94 (d, J = 9.03 Hz, 1 H) 7.31–7.45 (m, 4 H) 7.54 (s, 1 H) 7.59 (d, J = 15.73 Hz, 1 H) 7.64 (d, J = 2.33 Hz, 1 H) 12.09 (s, 1 H) 14.45 (s, 1 H)	334.0163	334.0169	Yellow	157–159	-	82.31
24		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.93 (s, 3 H) 6.23 (s, 1 H) 6.73 (d, J = 16.02 Hz, 1 H) 6.89–6.96 (m, 2 H) 6.99 (s, 1 H) 7.34–7.40 (m, 2 H) 7.54 (dd, J = 7.57, 1.46 Hz, 1 H) 7.65 (d, J = 2.33 Hz, 1 H) 7.99 (d, J = 15.73 Hz, 1 H) 12.21 (s, 1 H) 14.63 (s, 1 H)	330.0659	330.0662	Yellow	134–136	-	46.34
25		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.85 (s, 3 H) 6.24 (s, 1 H) 6.58 (d, J = 15.73 Hz, 1 H) 6.91–6.97 (m, 2 H) 7.07 (s, 1 H) 7.15 (d, J = 7.57 Hz, 1 H) 7.32 (t, J = 7.86 Hz, 1 H) 7.38 (dd, J = 8.88, 2.48 Hz, 1 H) 7.60–7.67 (m, 2 H) 12.14 (s, 1 H) 14.53 (s, 1 H)	330.0659	330.0662	Yellow	99–100	-	48.96

25		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.85 (s, 3 H) 6.24 (s, 1 H) 6.58 (d, J = 15.73 Hz, 1 H) 6.91–6.97 (m, 2 H) 7.07 (s, 1 H) 7.15 (d, J = 7.57 Hz, 1 H) 7.32 (t, J = 7.86 Hz, 1 H) 7.38 (dd, J = 8.88, 2.48 Hz, 1 H) 7.60–7.67 (m, 2 H) 12.14 (s, 1 H) 14.53 (s, 1 H)	330.0659	330.0662	Yellow	99–100	-	48.96
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.31, 96.84, 112.93, 116.24, 119.75, 120.30, 120.83, 122.08, 123.75, 127.70, 129.99, 135.49, 136.18, 140.57, 160.00, 161.05, 175.18, 194.64						
26		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.85 (s, 3 H) 6.19 (s, 1 H) 6.46 (d, J = 15.73 Hz, 1 H) 6.93 (d, J = 8.74 Hz, 3 H) 7.36 (dd, J = 8.88, 2.48 Hz, 1 H) 7.51 (d, J = 8.74 Hz, 2 H) 7.60–7.67 (m, 2 H) 12.21 (s, 1 H) 14.66 (s, 1 H)	330.0659	330.0662	Orange	129–130	-	58.12
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.43, 96.19, 114.51, 119.31, 119.84, 120.23, 123.67, 127.57, 127.61, 129.86, 135.24, 140.55, 160.96, 161.55, 176.04, 194.13						
27		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.93 (s, 3 H) 3.94 (s, 3 H) 6.22 (s, 1 H) 6.47 (d, J = 15.73 Hz, 1 H) 6.89 (d, J = 8.45 Hz, 1 H) 6.93 (d, J = 8.74 Hz, 1 H) 7.07 (s, 1 H) 7.14 (d, J = 8.15 Hz, 1 H) 7.36 (dd, J = 8.88, 1.89 Hz, 1 H) 7.56–7.69 (m, 2 H) 12.19 (s, 1 H) 14.64 (s, 1 H)	360.0765	360.0770	Yellow	172–173	-	52.11
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.92, 56.02, 96.26, 109.60, 111.17, 119.53, 119.83, 120.25, 122.87, 123.67, 127.60, 127.84, 135.27, 140.76, 149.33, 151.32, 160.97, 175.86, 194.17						

28		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.89–3.94 (m, 9 H) 6.26 (s, 1 H) 6.51 (d, J = 15.73 Hz, 1 H) 6.79 (s, 2 H) 6.94 (d, J = 8.74 Hz, 1 H) 7.38 (dd, J = 8.88, 2.18 Hz, 1 H) 7.60 (d, J = 15.43 Hz, 1 H) 7.65 (d, J = 2.33 Hz, 1 H) 12.15 (s, 1 H) 14.57 (br. s., 1 H)	390.0870	390.0874	Orange	158–159	-	23.73
29		¹ H-NMR (500 MHz, acetone) δ ppm 6.96 (s, 1 H) 7.03 (d, J = 8.45 Hz, 1 H) 7.23 (d, J = 15.73 Hz, 1 H) 7.49 (d, J = 7.86 Hz, 1 H) 7.68–7.85 (m, 3 H) 8.17 (d, J = 7.28 Hz, 1 H) 8.22 (d, J = 7.86 Hz, 1 H) 8.58 (s, 1 H) 11.38 (br. s., 1 H) 15.46 (br. s., 1 H)	345.0404	345.0407	Yellow	223–224	-	82.17
30		¹ H-NMR (500 MHz, acetone) δ ppm 6.96 (s, 1 H) 7.02 (d, J = 8.44 Hz, 1 H) 7.21 (d, J = 15.27 Hz, 1 H) 7.49 (d, J = 7.57 Hz, 1 H) 7.70 (d, J = 15.73 Hz, 1 H) 7.81 (s, 1 H) 7.98 (d, J = 8.15 Hz, 2 H) 8.25 (d, J = 8.74 Hz, 2 H) 11.38 (s, 1 H) 15.39 (br. s., 1 H)	345.0404	345.0407	Yellow	243–245	-	80.98

31

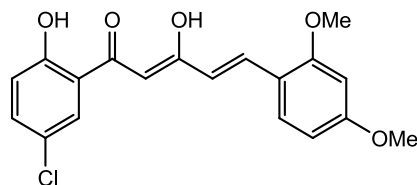


¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm
 6.21 (s, 1 H) 6.44–6.58 (m, 2 H) 6.64 (br. s., 1 H)
 6.93 (d, *J* = 8.74 Hz, 1 H) 7.37 (d, *J* = 8.15 Hz, 1 H)
 7.42 (d, *J* = 15.43 Hz, 1 H) 7.52 (br. s., 1 H)
 7.62 (br. s., 1 H) 12.17 (s, 1 H) 14.51 (br. s., 1 H)

290.0346 290.0350 Yellow 140–141 - 50.23

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm
 96.77, 112.69, 115.23, 119.64, 119.80, 120.25,
 123.72, 126.84, 127.67, 135.37, 145.10, 151.55,
 161.01, 175.15, 194.31

32

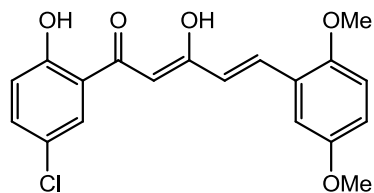


¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm
 3.85 (s, 3 H) 3.91 (s, 3 H) 6.17 (s, 1 H) 6.46 (d,
J = 2.33 Hz, 1 H) 6.52 (d, *J* = 8.44 Hz, 1 H) 6.62
 (d, *J* = 15.73 Hz, 1 H) 6.92 (d, *J* = 9.03 Hz, 1 H)
 7.34 (d, *J* = 2.33 Hz, 1 H) 7.46 (d, *J* = 8.74 Hz, 1 H)
 7.63 (d, *J* = 2.33 Hz, 1 H) 7.91 (d, *J* = 16.02
 Hz, 1 H) 12.28 (s, 1 H) 14.73 (s, 1 H)

360.0765 360.0770 Orange 136–138 - 42.12

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm
 55.52, 55.55, 95.97, 98.48, 105.54, 117.03,
 119.74, 119.96, 120.15, 123.57, 127.58, 130.69,
 134.99, 136.60, 160.12, 160.89, 163.00, 177.11,
 193.73

33

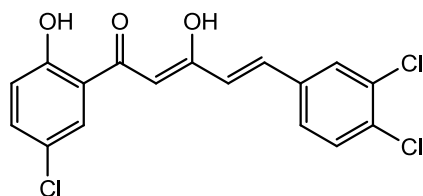


$^1\text{H-NMR}$ (500 MHz, $\text{CHLOROFORM-}d$) δ ppm
 3.82 (s, 3 H) 3.88 (s, 3 H) 6.24 (s, 1 H) 6.70 (d,
 $J = 15.73$ Hz, 1 H) 6.84–6.89 (m, 1 H) 6.90–6.96
 (m, 2 H) 7.07 (d, $J = 2.91$ Hz, 1 H) 7.37 (dd,
 $J = 8.88, 2.48$ Hz, 1 H) 7.65 (d, $J = 2.62$ Hz, 1 H)
 7.96 (d, $J = 16.02$ Hz, 1 H) 12.20 (s, 1 H) 14.60
 (s, 1 H)

360.0765 360.0770 Orange 146–148 - 48.22

$^{13}\text{C-NMR}$ (126 MHz, $\text{CHLOROFORM-}d$) δ ppm
 55.82, 56.10, 96.63, 112.48, 113.23, 117.36,
 119.85, 120.25, 122.59, 123.67, 124.28, 127.67,
 135.30, 136.11, 153.06, 153.59, 161.00, 176.07,
 194.37

34

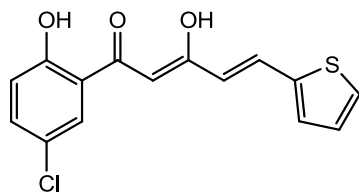


$^1\text{H-NMR}$ (500 MHz, $\text{CHLOROFORM-}d$) δ ppm
 6.28 (s, 1 H) 6.59 (d, $J = 15.85$ Hz, 1 H) 6.95 (d,
 $J = 7.86$ Hz, 1 H) 7.34–7.51 (m, 3 H) 7.56 (d,
 $J = 15.73$ Hz, 1 H) 7.65 (s, 2 H) 12.07 (s, 1 H)
 14.42 (s, 1 H)

367.9773 367.9780 Yellow 192–193 - 78.36

$^{13}\text{C-NMR}$ (126 MHz, $\text{CHLOROFORM-}d$) δ ppm
 97.43, 119.67, 120.39, 123.65, 123.87, 127.02,
 127.74, 129.45, 130.99, 133.40, 134.12, 134.91,
 135.77, 137.57, 161.14, 174.01, 195.02

35

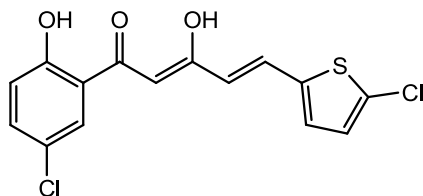


¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm
 6.20 (s, 1 H) 6.39 (d, J = 15.43 Hz, 1 H) 6.93 (d,
 J = 8.74 Hz, 1 H) 7.08 (dd, J = 5.10, 3.64 Hz, 1
 H) 7.28 (d, J = 3.49 Hz, 1 H) 7.37 (dd, J = 8.88,
 2.48 Hz, 1 H) 7.42 (d, J = 4.95 Hz, 1 H) 7.63 (d,
 J = 2.62 Hz, 1 H) 7.78 (d, J = 15.43 Hz, 1 H)
 12.16 (s, 1 H) 14.54 (s, 1 H)

306.0117 306.0121 Yellow 134–135 - 74.35

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm
 96.57, 119.78, 120.27, 120.75, 123.74, 127.67,
 128.40, 128.89, 131.08, 133.27, 135.41, 140.42,
 161.01, 175.03, 194.35

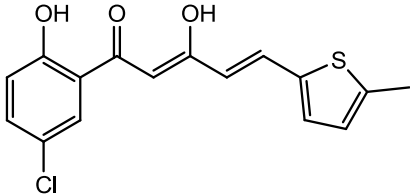
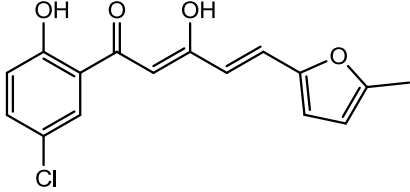
36



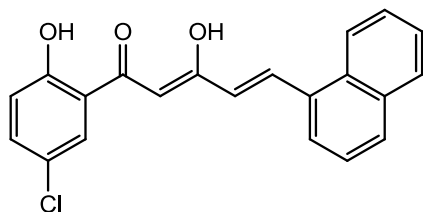
¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm
 6.21 (s, 1 H) 6.26 (d, J = 15.43 Hz, 1 H) 6.91 (d,
 J = 4.08 Hz, 1 H) 6.94 (d, J = 8.74 Hz, 1 H) 7.06
 (d, J = 3.79 Hz, 1 H) 7.39 (dd, J = 8.88, 2.48 Hz, 1
 H) 7.61–7.67 (m, 2 H) 12.12 (s, 1 H) 14.51 (s, 1 H)

339.9728 339.9736 Yellow 160–161 - 59.33

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm
 96.82, 119.74, 120.31, 120.81, 123.80, 127.66,
 130.59, 132.52, 133.68, 135.55, 139.14, 161.05,
 174.45, 194.52

37		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 2.54 (s, 3 H) 6.19 (s, 1 H) 6.26 (d, J = 15.43 Hz, 1 H) 6.75 (br. s., 1 H) 6.93 (d, J = 9.03 Hz, 1 H) 7.10 (d, J = 2.91 Hz, 1 H) 7.38 (d, J = 8.74 Hz, 1 H) 7.64 (s, 1 H) 7.72 (d, J = 15.43 Hz, 1 H) 12.20 (s, 1 H) 14.62 (s, 1 H)					
		320.0274	320.0276	Orange	130–132	-	55.11
38		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 2.39 (s, 3 H) 6.09–6.15 (m, 1 H) 6.20 (s, 1 H) 6.44 (d, J = 15.43 Hz, 1 H) 6.56 (d, J = 3.20 Hz, 1 H) 6.93 (d, J = 8.74 Hz, 1 H) 7.32–7.40 (m, 2 H) 7.62 (d, J = 2.33 Hz, 1 H) 12.23 (s, 1 H) 14.57 (s, 1 H)					
		304.0502	304.0507	Orange	115–116	-	38.22

39

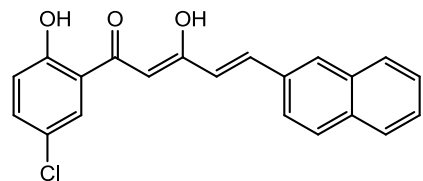


¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm
6.32 (s, 1 H) 6.72 (d, J = 15.43 Hz, 1 H) 6.97 (d,
 J = 8.74 Hz, 1 H) 7.41 (dd, J = 8.88, 2.48 Hz, 1
H) 7.50–7.59 (m, 2 H) 7.59–7.64 (m, 1 H) 7.68
(d, J = 2.62 Hz, 1 H) 7.83 (d, J = 7.28 Hz, 1 H)
7.87–7.94 (m, 2 H) 8.25 (d, J = 8.45 Hz, 1 H)
8.55 (d, J = 15.73 Hz, 1 H) 12.17 (s, 1 H) 14.63
(s, 1 H)

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm
96.99, 119.80, 120.34, 123.34, 123.79, 124.28,
124.94, 125.52, 126.34, 127.01, 127.74, 128.82,
130.69, 131.50, 132.18, 133.79, 135.55, 137.43,
161.08, 175.10, 194.81

350.0710 350.0713 Orange 200–201 - 62.36

40

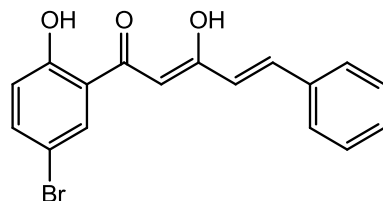


¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm
6.31 (s, 1 H) 6.73 (d, J = 15.73 Hz, 1 H) 6.96 (d,
 J = 8.74 Hz, 1 H) 7.40 (dd, J = 8.88, 2.18 Hz, 1
H) 7.51–7.56 (m, 2 H) 7.68 (d, J = 2.04 Hz, 1 H)
7.72 (d, J = 8.74 Hz, 1 H) 7.82–7.91 (m, 4 H)
7.98 (s, 1 H) 12.18 (s, 1 H) 14.60 (s, 1 H)

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm
96.84, 119.82, 120.32, 122.02, 123.41, 123.77,
126.83, 127.39, 127.71, 127.82, 128.62, 128.83,
130.11, 132.33, 133.40, 134.24, 135.48, 140.76,
161.06, 175.35, 194.60

350.0710 350.0714 Orange 157–158 - 57.49

41



$^1\text{H-NMR}$ (500 MHz, $\text{CHLOROFORM-}d$) δ ppm
 6.24 (s, 1 H) 6.60 (d, $J = 16.02$ Hz, 1 H) 6.89 (d,
 $J = 8.74$ Hz, 1 H) 7.37–7.45 (m, 3 H) 7.50 (dd,
 $J = 8.74$, 1.16 Hz, 1 H) 7.56 (d, $J = 7.28$ Hz, 2 H)
 7.68 (d, $J = 16.02$ Hz, 1 H) 7.78 (d, $J = 1.16$ Hz,
 1 H) 12.17 (s, 1 H) 14.54 (s, 1 H)

344.0048

344.0053

Yellow

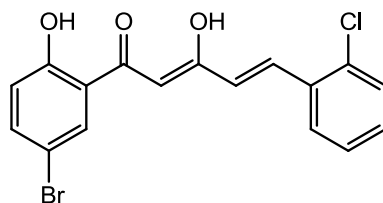
129–131

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77.85

$^{13}\text{C-NMR}$ (126 MHz, $\text{CHLOROFORM-}d$) δ ppm
 96.79, 110.71, 120.40, 120.71, 121.80, 128.12,
 129.02, 130.33, 130.72, 134.82, 138.25, 140.68,
 161.50, 175.30, 194.53

42



$^1\text{H-NMR}$ (500 MHz, $\text{CHLOROFORM-}d$) δ ppm
 6.27 (s, 1 H) 6.60 (d, $J = 15.73$ Hz, 1 H) 6.90 (d,
 $J = 8.74$ Hz, 1 H) 7.27–7.35 (m, 2 H) 7.39–7.47
 (m, 1 H) 7.52 (d, $J = 9.03$ Hz, 1 H) 7.60–7.71 (m,
 1 H) 7.79 (s, 1 H) 8.08 (d, $J = 15.73$ Hz, 1 H)
 12.13 (s, 1 H) 14.44 (s, 1 H)

377.9658

377.9662

Yellow

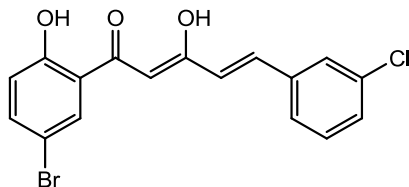
149–151

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75.19

$^{13}\text{C-NMR}$ (126 MHz, $\text{CHLOROFORM-}d$) δ ppm
 97.27, 110.73, 120.35, 120.76, 124.29, 127.13,
 127.42, 130.35, 130.76, 130.98, 133.04, 135.14,
 136.27, 138.41, 161.56, 174.57, 194.82

43



¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm
6.27 (s, 1 H) 6.61 (d, J = 15.73 Hz, 1 H) 6.90 (dd,
 J = 8.88, 2.18 Hz, 1 H) 7.36 (d, J = 0.87 Hz, 2 H)
7.42 (d, J = 4.66 Hz, 1 H) 7.52 (d, J = 9.03 Hz, 1
H) 7.55 (s, 1 H) 7.60 (d, J = 16.02 Hz, 1 H) 7.79
(s, 1 H) 12.12 (s, 1 H) 14.44 (s, 1 H)

377.9658

377.9662

Yellow

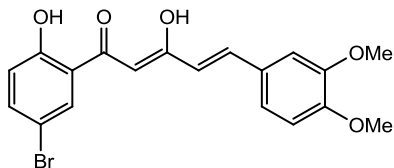
172–173

-

79.22

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm
97.26, 110.76, 120.34, 120.76, 123.25, 126.30,
127.68, 130.07, 130.23, 130.77, 135.07, 136.67,
138.45, 138.82, 161.55, 174.42, 194.83

44



¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm
3.93 (s, 3 H) 3.95 (s, 3 H) 6.22 (s, 1 H) 6.47 (d,
 J = 15.73 Hz, 1 H) 6.84–6.93 (m, 2 H) 7.08 (s, 1
H) 7.15 (d, J = 8.15 Hz, 1 H) 7.49 (d, J = 7.57
Hz, 1 H) 7.63 (d, J = 15.73 Hz, 1 H) 7.78 (s, 1 H)
12.22 (s, 1 H) 14.62 (s, 1 H)

404.0259

404.0267

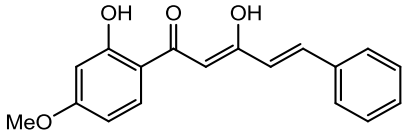
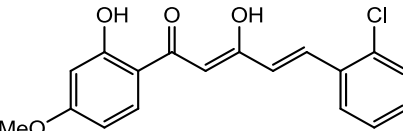
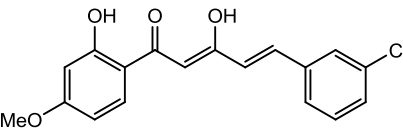
Yellow

179–180

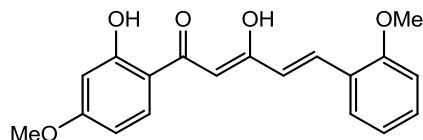
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65.78

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm
55.91, 56.01, 96.25, 109.59, 110.63, 111.18,
119.53, 120.48, 120.67, 122.90, 127.84, 130.62,
138.04, 140.79, 149.34, 151.33, 161.42, 175.88,
194.07

45		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.83 (s, 3 H) 6.19 (s, 1 H) 6.43–6.48 (m, 2 H) 6.57 (d, <i>J</i> = 15.73 Hz, 1 H) 7.36–7.42 (m, 3 H) 7.52–7.56 (m, 2 H) 7.59 (s, 1 H) 7.61 (d, <i>J</i> = 6.99 Hz, 1 H) 12.69 (s, 1 H) 14.52 (s, 1 H)	296.1049	296.1053	Yellow	101–103	105–107	24.63
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.53, 96.80, 101.31, 107.89, 112.75, 122.34, 127.90, 128.93, 129.88, 130.13, 135.15, 139.02, 165.43, 165.90, 173.11, 194.65						
46		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.84 (s, 3 H) 6.21 (s, 1 H) 6.42–6.48 (m, 2 H) 6.57 (d, <i>J</i> = 15.73 Hz, 1 H) 7.29 (dd, <i>J</i> = 5.68, 3.64 Hz, 2 H) 7.40–7.45 (m, 1 H) 7.60 (d, <i>J</i> = 8.74 Hz, 1 H) 7.63–7.67 (m, 1 H) 8.00 (d, <i>J</i> = 15.73 Hz, 1 H) 12.65 (s, 1 H) 14.43 (s, 1 H)	330.0659	330.0662	Yellow	151–152	-	39.72
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.59, 97.28, 101.30, 107.98, 112.73, 124.89, 127.05, 127.31, 130.15, 130.26, 130.56, 133.38, 134.68, 134.89, 165.53, 166.01, 172.44, 194.79						
47		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.84 (s, 3 H) 6.19 (s, 1 H) 6.41–6.46 (m, 2 H) 6.55 (d, <i>J</i> = 16.02 Hz, 1 H) 7.30–7.35 (m, 2 H) 7.36–7.42 (m, 1 H) 7.47–7.55 (m, 2 H) 7.58 (d, <i>J</i> = 8.74 Hz, 1 H) 12.63 (s, 1 H) 14.42 (s, 1 H)	330.0659	330.0662	Yellow	133–134	-	36.75
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.58, 97.33, 101.31, 107.99, 112.71, 123.76, 126.15, 127.43, 129.62, 130.14, 132.29, 134.94, 137.01, 137.19, 165.52, 166.04, 172.25, 194.77						

48

¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm

3.84 (s, 3 H) 3.92 (s, 3 H) 6.19 (s, 1 H)

6.42–6.48 (m, 2 H) 6.69 (d, *J* = 16.02 Hz, 1 H)6.93 (d, *J* = 8.45 Hz, 1 H) 6.98 (t, *J* = 7.43 Hz, 1 H)7.34 (t, *J* = 7.86 Hz, 1 H) 7.54 (d, *J* = 7.86 Hz, 1 H)7.61 (d, *J* = 8.44 Hz, 1 H) 7.93 (d, *J* = 16.02 Hz, 1 H)

12.74 (s, 1 H) 14.57 (s, 1 H)

326.1154

326.1158

Yellow

134–135

-

22.18

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm

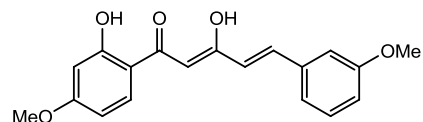
55.53, 55.55, 96.53, 101.28, 107.79, 111.20,

112.81, 120.78, 122.90, 124.11, 128.63, 130.09,

131.14, 134.65, 158.29, 165.33, 165.75, 174.05,

194.49

49

¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm

3.84 (s, 3 H) 3.85 (s, 3 H) 6.19 (s, 1 H)

6.41–6.48 (m, 2 H) 6.55 (d, *J* = 15.73 Hz, 1 H)6.92 (d, *J* = 8.15 Hz, 1 H) 7.06 (s, 1 H) 7.14 (d,*J* = 7.57 Hz, 1 H) 7.31 (t, *J* = 7.86 Hz, 1 H) 7.54–

7.62 (m, 2 H) 12.68 (s, 1 H) 14.50 (s, 1 H)

326.1154

326.1158

Yellow

124–125

-

28.97

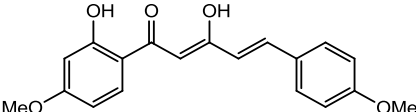
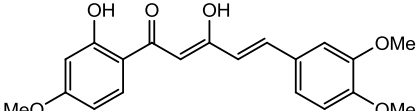
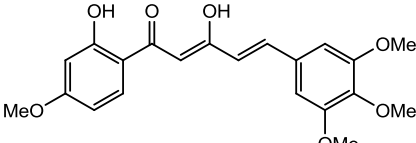
¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm

55.32, 55.57, 96.89, 101.29, 107.90, 112.75,

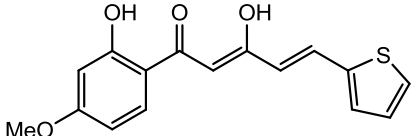
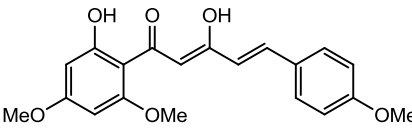
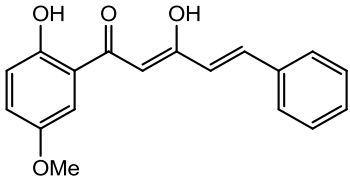
112.86, 115.71, 120.58, 122.65, 129.91, 130.12,

136.53, 138.92, 159.95, 165.44, 165.91, 173.00,

194.66

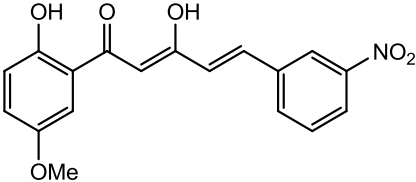
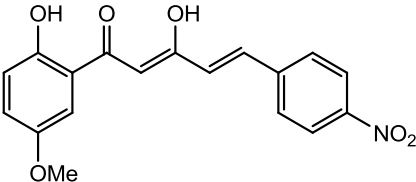
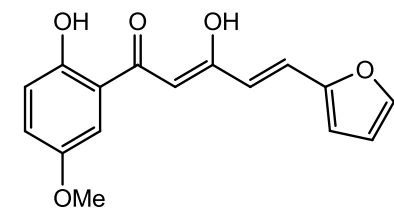
50		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.83 (s, 3 H) 3.84 (s, 3 H) 6.15 (s, 1 H) 6.39–6.49 (m, 3 H) 6.92 (d, <i>J</i> = 8.74 Hz, 2 H) 7.49 (d, <i>J</i> = 8.74 Hz, 2 H) 7.54–7.61 (m, 2 H) 12.73 (s, 1 H) 14.60 (s, 1 H)	326.1154	326.1159	Yellow	109–111	-	25.87
51		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.83 (s, 3 H) 3.91 (s, 3 H) 3.93 (s, 3 H) 6.16 (s, 1 H) 6.40–6.47 (m, 3 H) 6.87 (d, <i>J</i> = 8.45 Hz, 1 H) 7.06 (s, 1 H) 7.12 (d, <i>J</i> = 8.15 Hz, 1 H) 7.55 (d, <i>J</i> = 15.73 Hz, 1 H) 7.58 (d, <i>J</i> = 8.74 Hz, 1 H) 12.71 (s, 1 H) 14.58 (s, 1 H)	356.1260	356.1265	Yellow	141–142	149–151	14.21
52		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.82 (s, 3 H) 3.89 (s, 3 H) 3.90 (s, 6 H) 6.19 (s, 1 H) 6.40–6.49 (m, 3 H) 6.76 (s, 2 H) 7.51 (d, <i>J</i> = 15.73 Hz, 1 H) 7.58 (d, <i>J</i> = 9.03 Hz, 1 H) 12.68 (s, 1 H) 14.51 (s, 1 H)	386.1366	386.1367	Yellow	144–145	-	11.34

53		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.84 (s, 3 H) 6.16 (s, 1 H) 6.43–6.50 (m, 4 H) 6.59 (d, <i>J</i> = 3.49 Hz, 1 H) 7.36 (d, <i>J</i> = 15.43 Hz, 1 H) 7.50 (d, <i>J</i> = 1.16 Hz, 1 H) 7.59 (d, <i>J</i> = 8.74 Hz, 1 H) 12.70 (s, 1 H) 14.46 (s, 1 H)	286.0841	286.0844	Yellow	136–137	-	17.88
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.56, 96.79, 101.27, 107.85, 112.51, 112.78, 114.27, 120.25, 125.49, 130.09, 144.59, 151.77, 165.38, 165.83, 172.95, 194.42						
54		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.84 (s, 3 H) 3.85 (s, 3 H) 3.90 (s, 3 H) 6.15 (s, 1 H) 6.41–6.48 (m, 3 H) 6.53 (d, <i>J</i> = 8.45 Hz, 1 H) 6.59 (d, <i>J</i> = 15.73 Hz, 1 H) 7.47 (d, <i>J</i> = 8.44 Hz, 1 H) 7.60 (d, <i>J</i> = 9.61 Hz, 1 H) 7.85 (d, <i>J</i> = 15.73 Hz, 1 H) 12.78 (s, 1 H) 14.66 (s, 1 H)	356.1260	356.1264	Yellow	154–155	-	12.38
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.51, 55.52, 55.53, 95.90, 98.48, 101.26, 105.43, 107.68, 112.85, 117.33, 120.33, 129.97, 130.18, 134.82, 159.82, 162.58, 165.21, 165.57, 174.85, 194.13						
55		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.81 (s, 3 H) 3.84 (s, 3 H) 3.87 (s, 3 H) 6.19 (s, 1 H) 6.39–6.48 (m, 2 H) 6.65 (d, <i>J</i> = 15.73 Hz, 1 H) 6.82–6.93 (m, 2 H) 7.07 (br. s., 1 H) 7.61 (d, <i>J</i> = 8.74 Hz, 1 H) 7.89 (d, <i>J</i> = 16.02 Hz, 1 H) 12.72 (s, 1 H) 14.54 (s, 1 H)	356.1260	356.1264	Yellow	152–153	-	17.59
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.55, 55.82, 56.12, 96.64, 101.27, 107.82, 112.44, 112.81, 113.14, 116.67, 123.13, 124.69, 130.09, 134.38, 152.83, 153.58, 165.35, 165.78, 173.83, 194.51						

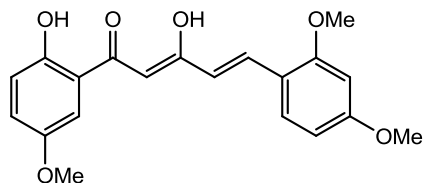
56		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.83 (s, 3 H) 6.14 (s, 1 H) 6.36 (d, <i>J</i> = 15.43 Hz, 1 H) 6.41–6.47 (m, 2 H) 7.06 (dd, <i>J</i> = 4.95, 3.79 Hz, 1 H) 7.23 (d, <i>J</i> = 3.49 Hz, 1 H) 7.37 (d, <i>J</i> = 4.95 Hz, 1 H) 7.58 (d, <i>J</i> = 8.74 Hz, 1 H) 7.71 (d, <i>J</i> = 15.43 Hz, 1 H) 12.69 (s, 1 H) 14.50 (s, 1 H)	302.0613	302.0617	Yellow	108–110	-	38.33
57		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.81 (s, 3 H) 3.84 (s, 3 H) 3.89 (s, 3 H) 5.96 (d, <i>J</i> = 2.33 Hz, 1 H) 6.08 (d, <i>J</i> = 2.62 Hz, 1 H) 6.44 (d, <i>J</i> = 15.73 Hz, 1 H) 6.72 (s, 1 H) 6.91 (d, <i>J</i> = 8.74 Hz, 2 H) 7.48–7.53 (m, 3 H) 13.63 (s, 1 H) 14.83 (s, 1 H)	356.1260	356.1266	Yellow	122–124	-	24.17
58		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.82 (s, 3 H) 6.26 (s, 1 H) 6.60 (d, <i>J</i> = 15.73 Hz, 1 H) 6.93 (d, <i>J</i> = 9.03 Hz, 1 H) 7.09 (dd, <i>J</i> = 9.03, 2.91 Hz, 1 H) 7.13 (d, <i>J</i> = 2.91 Hz, 1 H) 7.35–7.44 (m, 3 H) 7.53–7.58 (m, 2 H) 7.66 (d, <i>J</i> = 16.02 Hz, 1 H) 11.81 (s, 1 H) 14.72 (s, 1 H)	296.1049	296.1053	Orange	90–92	-	56.27

59		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.83 (s, 3 H) 6.26 (s, 1 H) 6.58 (d, <i>J</i> = 15.73 Hz, 1 H) 6.93 (d, <i>J</i> = 8.74 Hz, 1 H) 7.07–7.13 (m, 2 H) 7.30–7.42 (m, 3 H) 7.51–7.60 (m, 2 H) 11.76 (s, 1 H) 14.61 (s, 1 H)	330.0659	330.0662	Orange	114–115	-	65.94
60		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.80 (s, 3 H) 6.24 (s, 1 H) 6.55 (d, <i>J</i> = 15.73 Hz, 1 H) 6.93 (d, <i>J</i> = 9.03 Hz, 1 H) 7.06–7.12 (m, 2 H) 7.36 (d, <i>J</i> = 8.45 Hz, 2 H) 7.47 (d, <i>J</i> = 8.45 Hz, 2 H) 7.58 (d, <i>J</i> = 15.73 Hz, 1 H) 11.77 (s, 1 H) 14.66 (s, 1 H)	330.0659	330.0662	Orange	131–132	-	67.22
61		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.82 (s, 3 H) 3.92 (s, 3 H) 6.25 (s, 1 H) 6.71 (d, <i>J</i> = 16.02 Hz, 1 H) 6.91–6.95 (m, 2 H) 6.99 (t, <i>J</i> = 7.57 Hz, 1 H) 7.08 (dd, <i>J</i> = 9.03, 2.91 Hz, 1 H) 7.14 (d, <i>J</i> = 3.20 Hz, 1 H) 7.32–7.39 (m, 1 H) 7.55 (dd, <i>J</i> = 7.57, 1.46 Hz, 1 H) 7.98 (d, <i>J</i> = 16.02 Hz, 1 H) 11.86 (s, 1 H) 14.79 (s, 1 H)	326.1154	326.1157	Orange	134–135	-	48.12

62		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.82 (s, 3 H) 3.85 (s, 3 H) 6.25 (s, 1 H) 6.58 (d, J = 15.73 Hz, 1 H) 6.91–6.95 (m, 2 H) 7.06–7.10 (m, 2 H) 7.12 (d, J = 2.91 Hz, 1 H) 7.15 (d, J = 7.57 Hz, 1 H) 7.31 (t, J = 7.86 Hz, 1 H) 7.62 (d, J = 16.02 Hz, 1 H) 11.80 (s, 1 H) 14.70 (s, 1 H)	326.1154	326.1157	Red	91–93	-	43.57
63		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.82 (s, 3 H) 3.94 (s, 3 H) 3.95 (s, 3 H) 6.25 (s, 1 H) 6.48 (d, J = 15.73 Hz, 1 H) 6.90 (d, J = 8.15 Hz, 1 H) 6.93 (d, J = 9.03 Hz, 1 H) 7.05–7.18 (m, 4 H) 7.62 (d, J = 15.73 Hz, 1 H) 11.84 (s, 1 H) 14.82 (s, 1 H)	356.1260	356.1264	Orange	128–130	-	25.12
64		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.81 (s, 3 H) 3.90 (s, 3 H) 3.91 (s, 6 H) 6.26 (s, 1 H) 6.50 (d, J = 15.73 Hz, 1 H) 6.78 (s, 2 H) 6.92 (d, J = 8.74 Hz, 1 H) 7.08 (dd, J = 9.03, 2.91 Hz, 1 H) 7.13 (d, J = 2.91 Hz, 1 H) 7.57 (d, J = 15.73 Hz, 1 H) 11.80 (s, 1 H) 14.74 (s, 1 H)	386.1366	386.1368	Orange	139–140	-	10.92

65		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.84 (s, 3 H) 6.34 (s, 1 H) 6.74 (d, <i>J</i> = 15.73 Hz, 1 H) 6.96 (d, <i>J</i> = 8.74 Hz, 1 H) 7.09–7.17 (m, 2 H) 7.60 (t, <i>J</i> = 8.01 Hz, 1 H) 7.68 (d, <i>J</i> = 16.02 Hz, 1 H) 7.84 (d, <i>J</i> = 8.15 Hz, 1 H) 8.23 (d, <i>J</i> = 7.28 Hz, 1 H) 8.45 (s, 1 H) 11.73 (s, 1 H) 14.56 (br. s., 1 H)	341.0899	341.0899	Orange	180–181	-	65.33
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 0.00, 56.04, 98.08, 111.17, 118.49, 119.71, 121.84, 124.14, 124.21, 125.23, 130.02, 133.83, 136.58, 136.81, 152.02, 157.19, 172.76, 196.05						
66		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.83 (s, 3 H) 6.34 (s, 1 H) 6.73 (d, <i>J</i> = 15.73 Hz, 1 H) 6.96 (d, <i>J</i> = 9.32 Hz, 1 H) 7.08–7.17 (m, 2 H) 7.63–7.74 (m, 3 H) 8.27 (d, <i>J</i> = 7.57 Hz, 2 H) 11.70 (s, 1 H) 14.52 (br. s., 1 H)	341.0899	341.0892	Red	202–203	-	61.10
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 56.05, 98.41, 111.40, 118.52, 119.72, 124.10, 124.26, 126.42, 128.40, 136.56, 141.19, 152.00, 157.21, 172.52, 196.11						
67		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.81 (s, 3 H) 6.23 (s, 1 H) 6.47–6.54 (m, 2 H) 6.62 (d, <i>J</i> = 3.20 Hz, 1 H) 6.92 (d, <i>J</i> = 9.03 Hz, 1 H) 7.06–7.10 (m, 1 H) 7.11 (d, <i>J</i> = 2.91 Hz, 1 H) 7.40 (d, <i>J</i> = 15.43 Hz, 1 H) 7.51 (d, <i>J</i> = 1.46 Hz, 1 H) 11.82 (s, 1 H) 14.67 (s, 1 H)	286.0841	286.0845	Red	98–100	-	36.44
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.98, 97.01, 111.31, 112.62, 114.80, 118.69, 119.49, 119.96, 123.50, 126.27, 144.86, 151.66, 151.90, 156.94, 174.44, 195.27						

68



¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm
 3.84 (s, 3 H) 3.86 (s, 3 H) 3.91 (s, 3 H) 6.24 (s, 1
 H) 6.40 (d, $J = 2.18$ Hz, 1 H) 6.44 (d, $J = 15.73$
 Hz, 1 H) 6.50 (dd, $J = 8.71, 2.18$ Hz, 1 H) 6.89
 (d, $J = 9.03$ Hz, 1 H) 7.07 (dd, $J = 9.03, 2.93$ Hz,
 1 H) 7.11 (d, $J = 2.93$ Hz, 1 H) 7.46 (d, $J = 8.71$
 Hz, 1 H) 7.61 (d, $J = 15.73$ Hz, 1 H) 11.62 (s,
 1 H) 14.71 (s, 1 H)

356.1260

356.1264

Orange

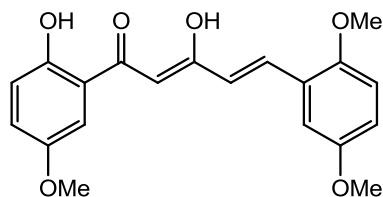
81–83

-

32.12

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm
 55.54, 55.62, 56.20, 96.84, 98.99, 107.88,
 112.01, 112.97, 114.21, 115.67, 124.77, 125.58,
 131.74, 135.01, 152.13, 153.72, 162.67, 163.17,
 175.21, 195.53

69



¹H-NMR (500 MHz, CHLOROFORM-*d*) δ ppm
 3.81 (s, 3 H) 3.82 (s, 3 H) 3.87 (s, 3 H) 6.25 (s,
 1 H) 6.68 (d, $J = 16.02$ Hz, 1 H) 6.84–6.87 (m,
 1 H) 6.89–6.95 (m, 2 H) 7.05–7.11 (m, 2 H) 7.13
 (d, $J = 3.20$ Hz, 1 H) 7.94 (d, $J = 16.02$ Hz, 1 H)
 11.84 (s, 1 H) 14.76 (s, 1 H)

356.1260

356.1263

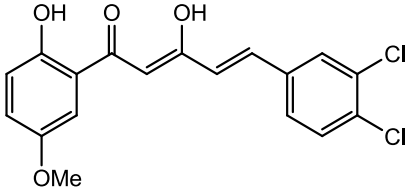
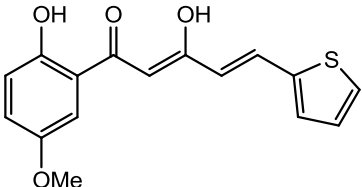
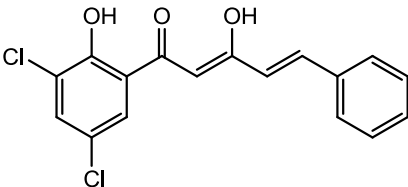
Orange

79–80

-

39.12

¹³C-NMR (126 MHz, CHLOROFORM-*d*) δ ppm
 55.81, 56.04, 56.10, 96.87, 111.50, 112.45,
 113.22, 116.98, 118.74, 119.45, 122.83, 123.31,
 124.48, 135.35, 151.88, 152.94, 153.59, 156.89,
 175.35, 195.31

70		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.82 (s, 3 H) 6.27 (s, 1 H) 6.57 (d, <i>J</i> = 15.73 Hz, 1 H) 6.94 (d, <i>J</i> = 8.74 Hz, 1 H) 7.11 (br. s., 2 H) 7.36 (d, <i>J</i> = 8.45 Hz, 1 H) 7.47 (d, <i>J</i> = 8.45 Hz, 1 H) 7.52 (d, <i>J</i> = 15.43 Hz, 1 H) 7.64 (br. s., 1 H) 11.74 (s, 1 H) 14.58 (br. s., 1 H)	364.0269	364.0272	Brown	149–150	-	59.21
71		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.82 (s, 3 H) 6.21 (s, 1 H) 6.39 (d, <i>J</i> = 15.43 Hz, 1 H) 6.92 (d, <i>J</i> = 8.74 Hz, 1 H) 7.06–7.10 (m, 2 H) 7.11 (d, <i>J</i> = 2.62 Hz, 1 H) 7.40 (d, <i>J</i> = 4.66 Hz, 1 H) 7.76 (d, <i>J</i> = 15.43 Hz, 1 H) 11.82 (s, 1 H) 14.71 (s, 1 H)	302.0613	302.0617	Red	91–93	-	64.13
72		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.23 (s, 1 H) 6.59 (d, <i>J</i> = 15.73 Hz, 1 H) 7.38–7.45 (m, 3 H) 7.52 (s, 1 H) 7.55 (br. s., 1 H) 7.57 (br. s., 2 H) 7.70 (d, <i>J</i> = 16.02 Hz, 1 H) 12.80 (s, 1 H) 14.40 (s, 1 H)	334.0163	334.0169	Yellow	140–141	-	32.15

73		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.94 (s, 3 H) 6.24 (s, 1 H) 6.74 (d, J = 15.73 Hz, 1 H) 6.95 (d, J = 8.45 Hz, 1 H) 7.00 (t, J = 7.57 Hz, 1 H) 7.38 (t, J = 7.86 Hz, 1 H) 7.51–7.57 (m, 2 H) 7.59 (d, J = 1.75 Hz, 1 H) 8.02 (d, J = 16.02 Hz, 1 H) 12.88 (s, 1 H) 14.49 (s, 1 H)	364.0269	364.0275	Yellow	169–170	-	25.65
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.58, 96.51, 111.29, 120.50, 120.88, 122.14, 123.34, 123.63, 124.05, 126.25, 129.20, 131.87, 134.79, 137.27, 156.85, 158.64, 177.07, 193.54						
74		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.86 (s, 3 H) 6.25 (s, 1 H) 6.59 (d, J = 15.73 Hz, 1 H) 6.96 (d, J = 7.86 Hz, 1 H) 7.08 (s, 1 H) 7.16 (d, J = 7.28 Hz, 1 H) 7.30–7.36 (m, 1 H) 7.52–7.60 (m, 2 H) 7.68 (d, J = 15.73 Hz, 1 H) 12.80 (s, 1 H) 14.40 (s, 1 H)	364.0269	364.0275	Yellow	149–150	-	24.16
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.36, 96.81, 113.03, 116.45, 120.36, 120.92, 121.80, 123.44, 124.14, 126.28, 130.04, 135.01, 136.01, 141.37, 156.90, 160.02, 175.94, 193.91						
75		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.94 (br. s., 6 H) 6.22 (br. s., 1 H) 6.47 (d, J = 15.43 Hz, 1 H) 6.90 (d, J = 8.15 Hz, 1 H) 7.08 (br. s., 1 H) 7.16 (d, J = 7.57 Hz, 1 H) 7.49–7.61 (m, 2 H) 7.66 (d, J = 14.85 Hz, 1 H) 12.87 (br. s., 1 H) 14.49 (br. s., 1 H)	394.0375	394.0381	Orange	204–205	-	28.11
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.93, 56.05, 96.24, 109.66, 111.20, 119.21, 120.47, 123.10, 123.35, 124.08, 126.17, 127.68, 134.78, 141.57, 149.37, 151.54, 156.83, 176.60, 193.38						

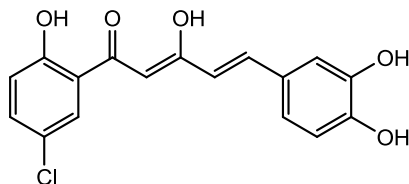
76		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 6.22 (s, 1 H) 6.47–6.54 (m, 2 H) 6.68 (d, J = 3.49 Hz, 1 H) 7.46 (d, J = 15.43 Hz, 1 H) 7.50–7.56 (m, 2 H) 7.57 (d, J = 2.33 Hz, 1 H) 12.85 (s, 1 H) 14.38 (s, 1 H)	323.9956	323.9960	Orange	113–114	-	15.19
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 96.75, 112.81, 115.74, 119.31, 120.44, 123.41, 124.08, 126.26, 127.51, 134.89, 145.35, 151.44, 156.87, 175.92, 193.55						
77		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.87 (s, 3 H) 3.92 (s, 3 H) 6.19 (s, 1 H) 6.48 (d, J = 2.04 Hz, 1 H) 6.55 (dd, J = 8.44, 2.04 Hz, 1 H) 6.65 (d, J = 16.02 Hz, 1 H) 7.48 (d, J = 8.44 Hz, 1 H) 7.51 (d, J = 2.33 Hz, 1 H) 7.59 (d, J = 2.33 Hz, 1 H) 7.95 (d, J = 15.73 Hz, 1 H) 12.97 (s, 1 H) 14.60 (br. s., 1 H)	394.0375	394.0379	Orange	153–154	-	18.21
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.53, 55.56, 95.96, 98.53, 105.64, 116.93, 119.48, 120.63, 123.24, 123.88, 126.16, 130.96, 134.54, 137.51, 156.78, 160.29, 163.22, 177.88, 195.44						
78		¹ H-NMR (500 MHz, CHLOROFORM- <i>d</i>) δ ppm 3.82 (s, 3 H) 3.89 (s, 3 H) 6.23 (s, 1 H) 6.70 (d, J = 16.02 Hz, 1 H) 6.85–6.95 (m, 2 H) 7.06 (d, J = 2.91 Hz, 1 H) 7.52 (d, J = 2.33 Hz, 1 H) 7.58 (d, J = 2.04 Hz, 1 H) 7.98 (d, J = 16.02 Hz, 1 H) 12.87 (s, 1 H) 14.46 (br. s., 1 H)	394.0375	394.0379	Orange	161–162	-	21.76
		¹³ C-NMR (126 MHz, CHLOROFORM- <i>d</i>) δ ppm 55.82, 56.10, 96.60, 112.49, 113.36, 117.60, 120.47, 122.29, 123.34, 124.05, 124.10, 126.24, 134.81, 136.94, 153.16, 153.59, 156.85, 176.84, 193.56						

79		¹ H-NMR (500 MHz, acetone) δ ppm 6.72 (s, 1 H) 6.91–7.04 (m, 5 H) 7.24–7.29 (m, 1 H) 7.51–7.55 (m, 1 H) 7.62–7.67 (m, 1 H) 7.94–7.99 (m, 1 H) 8.05 (d, J = 16.02 Hz, 1 H) 9.20 (s, 1 H) 12.15 (s, 1 H) 14.75 (br. s., 1 H)	282.0892	282.0893	Orange	163–164	-	46.36
80		¹ H-NMR (500 MHz, acetone) δ ppm 6.75 (s, 1 H) 6.87 (d, J = 15.73 Hz, 1 H) 6.91–6.94 (m, 1 H) 6.95–7.00 (m, 2 H) 7.14–7.20 (m, 2 H) 7.25–7.31 (m, 1 H) 7.51–7.56 (m, 1 H) 7.63 (d, J = 16.02 Hz, 1 H) 7.94 (dd, J = 8.30, 1.31 Hz, 1 H) 8.60 (s, 1 H) 12.09 (s, 1 H) 14.64 (br. s., 1 H)	282.0892	282.0894	Orange	149–150	-	44.51
81		¹ H-NMR (500 MHz, acetone) δ ppm 6.68 (s, 1 H) 6.74 (d, J = 15.73 Hz, 1 H) 6.89–6.99 (m, 4 H) 7.49–7.54 (m, 1 H) 7.59 (d, J = 8.74 Hz, 2 H) 7.66 (d, J = 16.02 Hz, 1 H) 7.92 (dd, J = 8.30, 1.31 Hz, 1 H) 9.16 (br. s., 1 H) 12.15 (br. s., 1 H) 14.79 (br. s., 1 H)	282.0892	282.0893	Orange	149–150	164–165	46.14

82		¹ H-NMR (500 MHz, acetone) δ ppm 6.47 (d, J = 8.45 Hz, 1 H) 6.51 (s, 1 H) 6.62 (s, 1 H) 6.83 (d, J = 16.02 Hz, 1 H) 6.92–6.97 (m, 2 H) 7.47–7.53 (m, 2 H) 7.94 (d, J = 8.45 Hz, 1 H) 8.00 (d, J = 16.02 Hz, 1 H) 9.15 (br. s., 2 H) 12.23 (br. s., 1 H) 14.88 (br.s., 1 H)	298.0841	298.0845	Brown	90–92	-	38.11
83		¹ H-NMR (500 MHz, acetone) δ ppm 6.70 (s, 1 H) 6.78–6.82 (m, 1 H) 6.83–6.86 (m, 1 H) 6.91 (d, J = 16.02 Hz, 1 H) 6.94–6.98 (m, 2 H) 7.10 (d, J = 2.62 Hz, 1 H) 7.49–7.55 (m, 1 H) 7.95 (dd, J = 8.30, 1.31 Hz, 1 H) 7.98–8.05 (m, 2 H) 8.64 (br. s., 1 H) 12.16 (s, 1 H) 14.74 (br. s., 1 H)	298.0841	298.0845	Brown	173–174	-	36.12
84		¹ H-NMR (500 MHz, acetone) δ ppm 6.79 (s, 1 H) 6.93 (t, J = 7.57 Hz, 1 H) 6.99 (dd, J = 8.59, 3.35 Hz, 2 H) 7.04 (d, J = 16.02 Hz, 1 H) 7.27 (t, J = 7.72 Hz, 1 H) 7.51 (dd, J = 8.88, 2.18 Hz, 1 H) 7.64 (d, J = 7.57 Hz, 1 H) 7.97 (d, J = 2.62 Hz, 1 H) 8.07 (d, J = 16.02 Hz, 1 H) 9.25 (br. s., 1 H) 12.13 (s, 1 H) 14.68 (br. s., 1 H)	316.0502	316.0510	Orange	166–167	-	40.59

85		¹ H-NMR (500 MHz, acetone) δ ppm 6.82 (s, 1 H) 6.87–6.95 (m, 2 H) 7.00 (d, J = 9.03 Hz, 1 H) 7.14–7.21 (m, 2 H) 7.25–7.32 (m, 1 H) 7.52 (dd, J = 8.88, 2.48 Hz, 1 H) 7.66 (d, J = 16.02 Hz, 1 H) 7.94 (d, J = 2.62 Hz, 1 H) 8.62 (s, 1 H) 12.06 (s, 1 H) 14.57 (br. s., 1 H)	316.0502	316.0504	Yellow	181–182	-	45.12
		¹³ C-NMR (126 MHz, acetone) δ ppm 97.36, 114.51, 117.56, 119.71, 120.00, 120.19, 122.21, 123.48, 128.15, 130.05, 135.51, 136.45, 140.45, 157.91, 160.97, 176.02, 194.70						
86		¹ H-NMR (500 MHz, acetone) δ ppm 6.74 (s, 1 H) 6.77 (d, J = 16.02 Hz, 1 H) 6.93 (d, J = 8.74 Hz, 2 H) 6.98 (d, J = 8.74 Hz, 1 H) 7.50 (dd, J = 9.03, 2.62 Hz, 1 H) 7.60 (d, J = 8.74 Hz, 2 H) 7.70 (d, J = 16.02 Hz, 1 H) 7.92 (d, J = 2.62 Hz, 1 H) 9.04 (s, 1 H) 12.13 (s, 1 H) 14.73 (br. s., 1 H)	316.0502	316.0506	Yellow	183–184	-	42.67
		¹³ C-NMR (126 MHz, acetone) δ ppm 96.49, 116.03, 118.83, 120.13, 123.40, 126.68, 128.00, 130.27, 135.23, 140.88, 157.59, 160.00, 160.88, 177.14, 194.00						
87		¹ H-NMR (500 MHz, acetone) δ ppm 6.77 (s, 1 H) 6.78–6.87 (m, 2 H) 6.94 (d, J = 16.02 Hz, 1 H) 6.99 (d, J = 9.03 Hz, 1 H) 7.09 (d, J = 2.62 Hz, 1 H) 7.50 (dd, J = 8.88, 2.48 Hz, 1 H) 7.97 (d, J = 2.33 Hz, 1 H) 8.03 (d, J = 16.02 Hz, 1 H) 8.16 (br. s., 1 H) 8.82 (br. s., 1 H) 12.13 (br. s., 1 H) 14.64 (br.s., 1 H)	332.0452	332.0457	Orange	205–206	-	25.27
		¹³ C-NMR (126 MHz, acetone) δ ppm 97.00, 113.53, 117.05, 119.35, 120.11, 121.48, 122.26, 123.45, 128.12, 128.14, 135.29, 136.42, 150.27, 150.61, 160.87, 177.12, 194.24						

88



$^1\text{H-NMR}$ (500 MHz, acetone) δ ppm 6.67–6.75 (m, 2 H) 6.91 (d, $J = 8.15$ Hz, 1 H) 6.98 (d, $J = 9.03$ Hz, 1 H) 7.11 (dd, $J = 8.15, 2.04$ Hz, 1 H) 7.22 (d, $J = 2.04$ Hz, 1 H) 7.50 (dd, $J = 8.88, 2.48$ Hz, 1 H) 7.63 (d, $J = 15.73$ Hz, 1 H) 7.92 (d, $J = 2.33$ Hz, 1 H) 8.41 (br. s., 2 H) 12.15 (br. s., 1 H) 14.72 (br. s., 1 H)

332.0452

332.0462

Orange

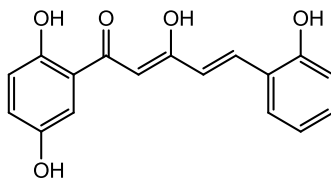
177–178

-

23.55

$^{13}\text{C-NMR}$ (126 MHz, acetone) δ ppm 96.46, 114.42, 115.65, 118.89, 120.06, 120.12, 122.07, 123.39, 127.38, 128.00, 135.22, 141.26, 145.59, 148.22, 160.89, 177.12, 193.99

89



$^1\text{H-NMR}$ (500 MHz, acetone) δ ppm 6.60 (s, 1 H) 6.83 (d, $J = 9.03$ Hz, 1 H) 6.92 (t, $J = 7.57$ Hz, 1 H) 6.97–7.03 (m, 2 H) 7.09 (dd, $J = 8.88, 2.77$ Hz, 1 H) 7.22–7.30 (m, 1 H) 7.34 (d, $J = 2.62$ Hz, 1 H) 7.65 (d, $J = 7.57$ Hz, 1 H) 8.04 (d, $J = 16.02$ Hz, 1 H) 8.09–8.33 (br. s., 1 H) 9.16 (br. s., 1 H) 11.55 (br. s., 1 H) 14.85 (br. s., 1 H)

298.0841

298.0849

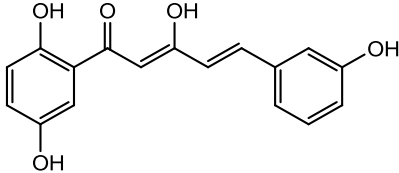
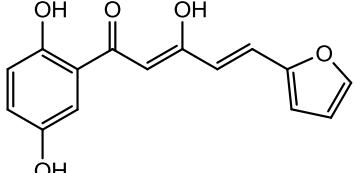
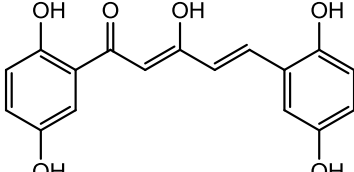
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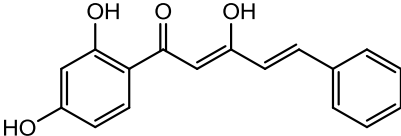
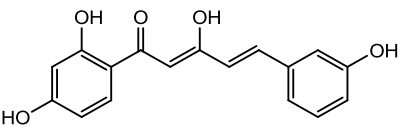
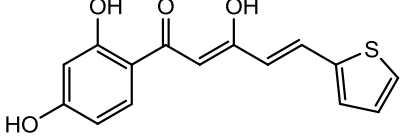
196–197

-

29.44

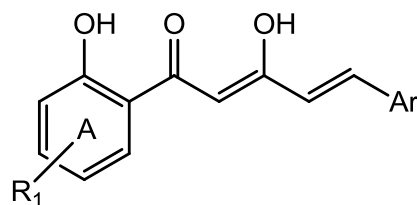
$^{13}\text{C-NMR}$ (126 MHz, acetone) δ ppm 96.99, 113.41, 116.23, 118.87, 118.93, 120.06, 122.02, 122.11, 124.33, 128.50, 131.43, 135.38, 149.55, 155.79, 156.63, 177.10, 195.61

90		¹ H-NMR (500 MHz, acetone) δ ppm 6.64 (s, 1 H) 6.83 (d, J = 8.74 Hz, 1 H) 6.87 (d, J = 16.02 Hz, 1 H) 6.91 (dd, J = 8.01, 2.18 Hz, 1 H) 7.09 (dd, J = 8.88, 2.77 Hz, 1 H) 7.14–7.19 (m, 2 H) 7.24–7.29 (m, 1 H) 7.31 (d, J = 2.91 Hz, 1 H) 7.61 (d, J = 16.02 Hz, 1 H) 8.39 (br. s., 1 H) 8.82 (br. s., 1 H) 11.49 (s, 1 H) 14.78 (br. s., 1 H)	298.0841	298.0848	Brown	179–180	-	27.16
		¹³ C-NMR (126 MHz, acetone) δ ppm 97.39, 113.42, 114.42, 117.38, 118.90, 119.56, 122.42, 124.54, 130.00, 136.53, 139.68, 149.66, 155.74, 157.96, 175.08, 195.84						
91		¹ H-NMR (500 MHz, acetone) δ ppm 6.62–6.65 (m, 2 H) 6.67 (d, J = 15.73 Hz, 1 H) 6.83 (d, J = 8.74 Hz, 1 H) 6.88 (d, J = 3.20 Hz, 1 H) 7.10 (dd, J = 8.88, 2.77 Hz, 1 H) 7.34 (d, J = 2.91 Hz, 1 H) 7.49 (d, J = 15.73 Hz, 1 H) 7.76 (s, 1 H) 8.15 (s, 1 H) 11.51 (s, 1 H) 14.75 (br. s., 1 H)	272.0685	272.0690	Brown	142–143	-	27.35
		¹³ C-NMR (126 MHz, acetone) δ ppm 97.35, 112.75, 113.50, 115.25, 118.87, 118.90, 119.82, 124.49, 126.08, 145.53, 149.57, 151.68, 155.85, 174.80, 195.68						
92		¹ H-NMR (500 MHz, acetone) δ ppm 6.59 (s, 1 H) 6.76–6.86 (m, 3 H) 6.91 (d, J = 16.02 Hz, 1 H) 7.06–7.11 (m, 2 H) 7.33 (d, J = 2.91 Hz, 1 H) 7.97 (br. s., 1 H) 8.01 (d, J = 16.02 Hz, 1 H) 8.13 (br. s., 1 H) 8.58 (br. s., 1 H) 11.55 (s, 1 H) 14.85 (br. s., 1 H)	314.079	314.084	Orange	195–196	-	14.79
		¹³ C-NMR (126 MHz, acetone) δ ppm 96.96, 113.39, 113.41, 117.03, 118.87, 118.94, 119.04, 121.73, 122.43, 124.31, 135.42, 149.53, 150.02, 150.60, 155.79, 181.81, 195.58						

93		¹ H-NMR (500 MHz, acetone) δ ppm 6.37 (d, J = 2.04 Hz, 1 H) 6.47 (dd, J = 8.88, 1.89 Hz, 1 H) 6.59 (s, 1 H) 6.89 (d, J = 16.02 Hz, 1 H) 7.40–7.48 (m, 3 H) 7.62 (d, J = 15.73 Hz, 1 H) 7.68 (d, J = 7.57 Hz, 2 H) 7.81 (d, J = 8.74 Hz, 1 H) 9.68 (br. s., 1 H) 12.50 (br. s., 1 H) 14.48 (br. s., 1 H)	282.0892	282.0894	Yellow	153–154	-	30.67
94		¹ H-NMR (500 MHz, acetone) δ ppm 6.37 (d, J = 2.04 Hz, 1 H) 6.47 (dd, J = 8.74, 2.04 Hz, 1 H) 6.59 (s, 1 H) 6.82 (d, J = 16.02 Hz, 1 H) 6.90 (dd, J = 8.15, 2.33 Hz, 1 H) 7.11–7.17 (m, 2 H) 7.23–7.29 (m, 1 H) 7.55 (d, J = 16.02 Hz, 1 H) 7.82 (d, J = 8.74 Hz, 1 H) 8.61 (br. s., 1 H) 9.48 (br. s., 1 H) 12.50 (br. s., 1 H) 14.48 (br. s., 1 H)	298.0841	298.0842	Yellow	224–225	-	31.12
95		¹ H-NMR (500 MHz, acetone) δ ppm 6.37 (d, J = 2.33 Hz, 1 H) 6.47 (dd, J = 8.88, 2.48 Hz, 1 H) 6.56–6.62 (m, 2 H) 7.13–7.17 (m, 1 H) 7.44 (d, J = 3.49 Hz, 1 H) 7.62 (d, J = 5.24 Hz, 1 H) 7.77 (d, J = 15.73 Hz, 1 H) 7.83 (d, J = 9.03 Hz, 1 H) 9.49 (br. s., 1 H) 12.51 (s, 1 H) 14.47 (br. s., 1 H)	288.0456	288.0458	Orange	167–168	-	40.85

96		¹ H-NMR (500 MHz, acetone) δ ppm 6.34–6.38 (m, 1 H) 6.46 (dd, J = 8.88, 2.18 Hz, 1 H) 6.53 (s, 1 H) 6.76–6.80 (m, 1 H) 6.81–6.88 (m, 2 H) 7.08 (d, J = 2.62 Hz, 1 H) 7.83 (d, J = 8.74 Hz, 1 H) 7.93 (d, J = 16.02 Hz, 1 H) 8.62 (br. s., 3 H) 12.56 (br. s., 1 H) 14.47 (br. s., 1 H)	314.0790	314.0792	Orange	190–191	-	16.28
		¹³ C-NMR (126 MHz, acetone) δ ppm 96.49, 103.16, 108.31, 112.08, 113.36, 117.00, 118.71, 121.96, 122.58, 131.26, 134.45, 149.86, 150.58, 164.65, 165.41, 174.22, 194.84						
97		¹ H-NMR (500 MHz, acetone) δ ppm 6.65–6.73 (m, 2 H) 6.88–7.00 (m, 3 H) 7.11 (d, J = 8.2 Hz, 1 H) 7.23 (s, 1 H) 7.52 (t, J = 7.86 Hz, 1 H) 7.61 (d, J = 15.73 Hz, 1 H) 7.92 (d, J = 8.15 Hz, 1 H) 8.28 (br. s, 1 H) 8.61 (br. s, 1 H) 12.19 (s, 1 H) 14.81 (br. s., 1 H)	298.0841	298.0843	Orange	155–156	NR	21.33
		¹³ C-NMR (126 MHz, acetone) δ ppm 96.39, 114.34, 115.64, 118.28, 119.03, 119.07, 119.12, 121.92, 127.45, 128.94, 135.79, 140.57, 145.57, 148.04, 162.41, 176.16, 195.62, 205.44,						

Notes: MP = Melting point; NR = Not reported.

Table S2. NO Suppression activity and cytotoxicity of compounds **1–97** on RAW 264.7 Cells.

Compounds	R1 (Ring A)	Ar (Ring B)	NO inhibition at 50 μ M (%) $\pm$ S.E.M	NO inhibition IC50 (μ M) $\pm$ S.E.M	Cytotoxicity IC50 (μ M) $\pm$ S.E.M
Curcumin	-	-	99.33 $\pm$ 0.20	14.69 $\pm$ 0.240	28.81 $\pm$ 0.770
1	H	phenyl	94.74 $\pm$ 1.20	22.59 $\pm$ 0.515	56.20 $\pm$ 1.134
2	H	2-chlorophenyl	91.00 $\pm$ 2.86	27.32 $\pm$ 0.234	>100
3	H	3-chlorophenyl	92.95 $\pm$ 3.43	26.66 $\pm$ 0.732	>100
4	H	3-bromophenyl	88.41 $\pm$ 3.21	29.40 $\pm$ 0.746	>100
5	H	2-methoxyphenyl	91.84 $\pm$ 1.49	25.67 $\pm$ 0.621	>100
6	H	3-methoxyphenyl	81.59 $\pm$ 3.97	31.59 $\pm$ 0.632	>100
7	H	4-methoxyphenyl	36.58 $\pm$ 2.38	ND	ND
8	H	3,4-dimethoxyphenyl	94.69 $\pm$ 1.70	24.57 $\pm$ 0.730	>100
9	H	3,4,5-trimethoxyphenyl	96.61 $\pm$ 1.43	16.63 $\pm$ 1.136	>100
10	H	3-nitrophenyl	39.87 $\pm$ 3.81	ND	ND
11	H	4-nitrophenyl	40.41 $\pm$ 7.10	ND	ND
12	H	Furan-2-yl	82.02 $\pm$ 3.18	48.95 $\pm$ 1.048	>100
13	H	2,4-dimethoxyphenyl	47.14 $\pm$ 2.96	ND	ND
14	H	2,5-dimethoxyphenyl	92.90 $\pm$ 0.18	28.38 $\pm$ 0.435	>100
15	H	3,4-dichlorophenyl	43.52 $\pm$ 2.72	ND	ND
16	H	Thiophene-2-yl	79.08 $\pm$ 4.58	42.64 $\pm$ 0.128	>100
17	H	5-chlorothiophene-2-yl	63.80 $\pm$ 2.57	36.42 $\pm$ 1.804	67.85 $\pm$ 2.867
18	H	5-methylthiophene-2-yl	58.91 $\pm$ 5.76	39.59 $\pm$ 4.129	>100
19	H	naphthalen-1-yl	85.78 $\pm$ 3.93	22.96 $\pm$ 1.701	>100

Table S2. *Cont.*

Compounds	R1 (Ring A)	Ar (Ring B)	NO inhibition at 50 μ M (%) $\pm$ S.E.M	NO inhibition IC50 (μ M) $\pm$ S.E.M	Cytotoxicity IC50 (μ M) $\pm$ S.E.M
20	H	naphthalen-2-yl	6.00 $\pm$ 1.19	ND	ND
21	5-Cl	phenyl	85.27 $\pm$ 6.76	47.63 $\pm$ 1.137	>100
22	5-Cl	2-chlorophenyl	82.49 $\pm$ 4.32	29.96 $\pm$ 2.100	>100
23	5-Cl	3-chlorophenyl	66.61 $\pm$ 4.11	36.16 $\pm$ 0.922	68.40 $\pm$ 2.188
24	5-Cl	2-methoxyphenyl	70.42 $\pm$ 1.32	36.02 $\pm$ 0.515	>100
25	5-Cl	3-methoxyphenyl	76.26 $\pm$ 6.48	17.37 $\pm$ 0.372	>100
26	5-Cl	4-methoxyphenyl	39.38 $\pm$ 3.95	ND	ND
27	5-Cl	3,4-dimethoxyphenyl	37.63 $\pm$ 11.67	ND	ND
28	5-Cl	3,4,5-trimethoxyphenyl	89.50 $\pm$ 5.87	13.64 $\pm$ 0.532	>100
29	5-Cl	3-nitrophenyl	12.69 $\pm$ 3.32	ND	ND
30	5-Cl	4-nitrophenyl	7.46 $\pm$ 2.89	ND	ND
31	5-Cl	Furan-2-yl	36.75 $\pm$ 7.40	ND	ND
32	5-Cl	2,4-dimethoxyphenyl	14.80 $\pm$ 3.65	ND	ND
33	5-Cl	2,5-dimethoxyphenyl	43.22 $\pm$ 1.78	ND	ND
34	5-Cl	3,4-dichlorophenyl	18.22 $\pm$ 3.63	ND	ND
35	5-Cl	Thiophene-2-yl	68.84 $\pm$ 4.21	32.17 $\pm$ 0.176	>100
36	5-Cl	5-chlorothiophene-2-yl	71.55 $\pm$ 3.20	25.32 $\pm$ 1.725	>100
37	5-Cl	5-methylthiophene-2-yl	56.04 $\pm$ 2.62	62.44 $\pm$ 2.287	>100
38	5-Cl	5-methylfuran-2-yl	73.81 $\pm$ 1.14	25.49 $\pm$ 1.031	>100
39	5-Cl	naphthalen-1-yl	8.72 $\pm$ 3.92	ND	ND
40	5-Cl	naphthalen-2-yl	43.63 $\pm$ 0.41	ND	ND
41	5-Br	phenyl	79.90 $\pm$ 8.68	20.83 $\pm$ 0.540	>100
42	5-Br	2-chlorophenyl	33.69 $\pm$ 4.29	ND	ND
43	5-Br	3-chlorophenyl	81.18 $\pm$ 5.16	19.81 $\pm$ 0.907	>100
44	5-Br	3,4-dimethoxyphenyl	40.93 $\pm$ 5.54	ND	ND
45	4-OMe	phenyl	87.90 $\pm$ 5.13	29.54 $\pm$ 0.469	>100

Table S2. *Cont.*

Compounds	R1 (Ring A)	Ar (Ring B)	NO inhibition at 50 μ M (%) $\pm$ S.E.M	NO inhibition IC50 (μ M) $\pm$ S.E.M	Cytotoxicity IC50 (μ M) $\pm$ S.E.M
46	4-OMe	2-chlorophenyl	76.18 $\pm$ 4.57	58.52 $\pm$ 2.452	>100
47	4-OMe	3-chlorophenyl	33.87 $\pm$ 4.71	ND	ND
48	4-OMe	2-methoxyphenyl	66.32 $\pm$ 6.75	39.04 $\pm$ 1.238	88.55 $\pm$ 2.544
49	4-OMe	3-methoxyphenyl	57.45 $\pm$ 6.45	45.75 $\pm$ 0.804	>100
50	4-OMe	4-methoxyphenyl	15.96 $\pm$ 6.58	ND	ND
51	4-OMe	3,4-dimethoxyphenyl	58.92 $\pm$ 2.76	21.70 $\pm$ 0.491	>100
52	4-OMe	3,4,5-trimethoxyphenyl	96.39 $\pm$ 0.37	29.31 $\pm$ 0.306	>100
53	4-OMe	Furan-2-yl	18.83 $\pm$ 6.68	ND	ND
54	4-OMe	2,4-dimethoxyphenyl	33.53 $\pm$ 4.21	ND	ND
55	4-OMe	2,5-dimethoxyphenyl	32.83 $\pm$ 4.76	ND	ND
56	4-OMe	Thiophene-2-yl	38.25 $\pm$ 5.12	ND	ND
57	4,6-OMe	4-methoxyphenyl	34.84 $\pm$ 10.51	ND	ND
58	5-OMe	phenyl	92.84 $\pm$ 1.80	25.92 $\pm$ 0.325	>100
59	5-OMe	2-chlorophenyl	89.14 $\pm$ 3.56	35.72 $\pm$ 0.789	>100
60	5-OMe	4-chlorophenyl	29.45 $\pm$ 4.32	ND	ND
61	5-OMe	2-methoxyphenyl	65.78 $\pm$ 2.37	27.41 $\pm$ 0.207	>100
62	5-OMe	3-methoxyphenyl	92.62 $\pm$ 1.18	35.06 $\pm$ 0.165	>100
63	5-OMe	3,4-dimethoxyphenyl	92.19 $\pm$ 0.77	19.79 $\pm$ 0.365	>100
64	5-OMe	3,4,5-trimethoxyphenyl	95.16 $\pm$ 1.09	18.39 $\pm$ 0.246	>100
65	5-OMe	3-nitrophenyl	1.55 $\pm$ 1.14	ND	ND
66	5-OMe	4-nitrophenyl	12.48 $\pm$ 1.92	ND	ND
67	5-OMe	Furan-2-yl	72.11 $\pm$ 3.07	71.50 $\pm$ 2.483	>100
68	5-OMe	2,4-dimethoxyphenyl	79.48 $\pm$ 4.71	33.44 $\pm$ 0.695	>100
69	5-OMe	2,5-dimethoxyphenyl	45.54 $\pm$ 3.25	ND	ND
70	5-OMe	3,4-dichlorophenyl	29.41 $\pm$ 5.89	ND	ND
71	5-OMe	Thiophene-2-yl	84.95 $\pm$ 2.66	35.63 $\pm$ 0.621	>100

Table S2. *Cont.*

Compounds	R1 (Ring A)	Ar (Ring B)	NO inhibition at 50 μ M (%) $\pm$ S.E.M	NO inhibition IC50 (μ M) $\pm$ S.E.M	Cytotoxicity IC50 (μ M) $\pm$ S.E.M
72	3,5-Cl	phenyl	23.32 $\pm$ 5.00	ND	ND
73	3,5-Cl	2-methoxyphenyl	22.50 $\pm$ 4.81	ND	ND
74	3,5-Cl	3-methoxyphenyl	45.30 $\pm$ 7.85	ND	ND
75	3,5-Cl	3,4-dimethoxyphenyl	12.48 $\pm$ 0.74	ND	ND
76	3,5-Cl	Furan-2-yl	36.50 $\pm$ 2.34	ND	ND
77	3,5-Cl	2,4-dimethoxyphenyl	21.82 $\pm$ 10.07	ND	ND
78	3,5-Cl	2,5-dimethoxyphenyl	34.45 $\pm$ 4.73	ND	ND
79	H	2-hydroxyphenyl	95.46 $\pm$ 0.59	28.90 $\pm$ 1.542	72.63 $\pm$ 2.612
80	H	3-hydroxyphenyl	97.22 $\pm$ 0.69	30.81 $\pm$ 0.722	85.01 $\pm$ 1.442
81	H	4-hydroxyphenyl	91.45 $\pm$ 3.86	19.07 $\pm$ 0.644	94.13 $\pm$ 0.917
82	H	2,4-dihydroxyphenyl	7.83 $\pm$ 2.03	ND	ND
83	H	2,5-dihydroxyphenyl	94.27 $\pm$ 1.83	16.74 $\pm$ 0.557	49.52 $\pm$ 1.661
84	5-Cl	2-hydroxyphenyl	95.20 $\pm$ 0.86	15.91 $\pm$ 0.947	40.87 $\pm$ 1.627
85	5-Cl	3-hydroxyphenyl	95.86 $\pm$ 0.45	26.93 $\pm$ 0.796	53.08 $\pm$ 0.973
86	5-Cl	4-hydroxyphenyl	90.29 $\pm$ 2.66	18.71 $\pm$ 0.786	89.12 $\pm$ 1.076
87	5-Cl	2,5-dihydroxyphenyl	96.47 $\pm$ 1.42	32.32 $\pm$ 0.865	66.02 $\pm$ 1.207
88	5-Cl	3,4-dihydroxyphenyl	99.67 $\pm$ 1.15	4.89 $\pm$ 0.312	56.37 $\pm$ 1.190
89	5-OH	2-hydroxyphenyl	83.61 $\pm$ 2.00	31.00 $\pm$ 1.980	67.30 $\pm$ 0.552
90	5-OH	3-hydroxyphenyl	90.94 $\pm$ 2.02	35.71 $\pm$ 0.865	>100
91	5-OH	Furan-2-yl	83.56 $\pm$ 2.84	74.99 $\pm$ 4.900	>100
92	5-OH	2,5-dihydroxyphenyl	49.02 $\pm$ 12.49	ND	ND
93	4-OH	phenyl	94.71 $\pm$ 2.28	29.89 $\pm$ 0.444	59.46 $\pm$ 0.511
94	4-OH	3-hydroxyphenyl	95.38 $\pm$ 1.45	24.80 $\pm$ 0.355	70.13 $\pm$ 1.795
95	4-OH	Thiophene-2-yl	60.38 $\pm$ 2.04	44.84 $\pm$ 1.574	>100
96	4-OH	2,5-dihydroxyphenyl	4.07 $\pm$ 1.76	ND	ND
97	H	3,4-dihydroxyphenyl	98.89 $\pm$ 1.58	9.56 $\pm$ 0.468	>100

Figure S1. NMR spectra of compound 1.

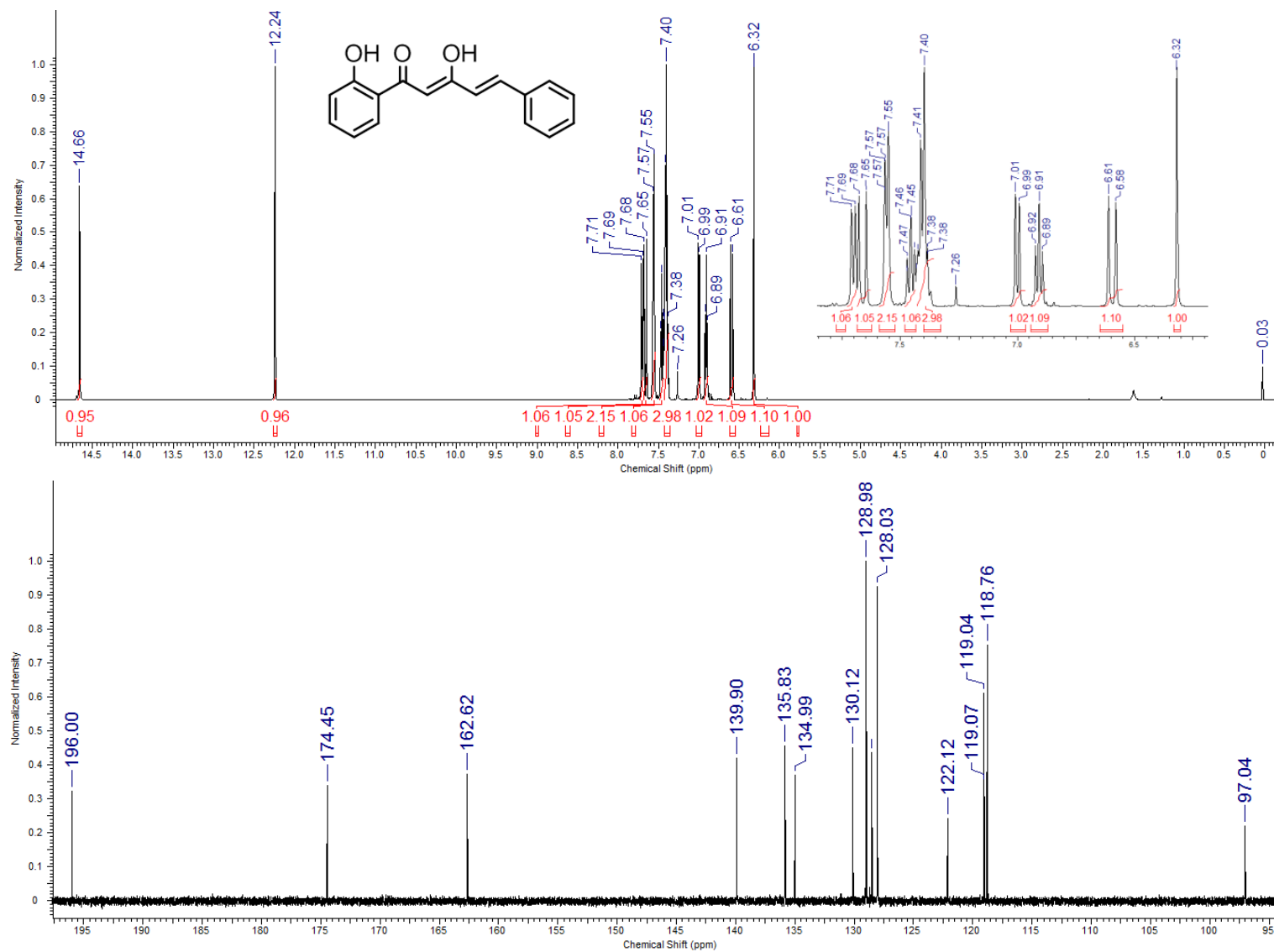


Figure S2. NMR spectra of compound 2.

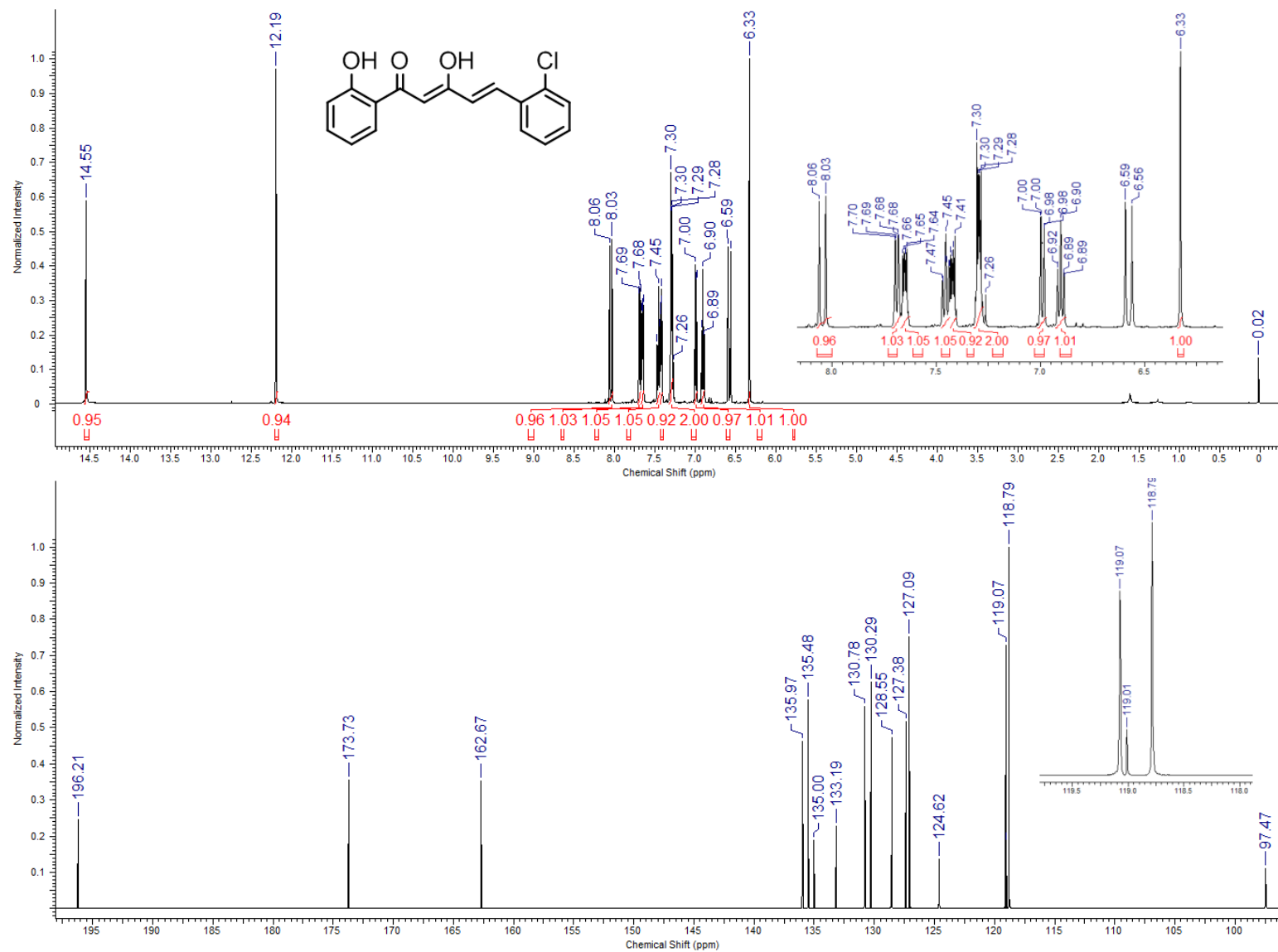


Figure S3. NMR spectra of compound 3.

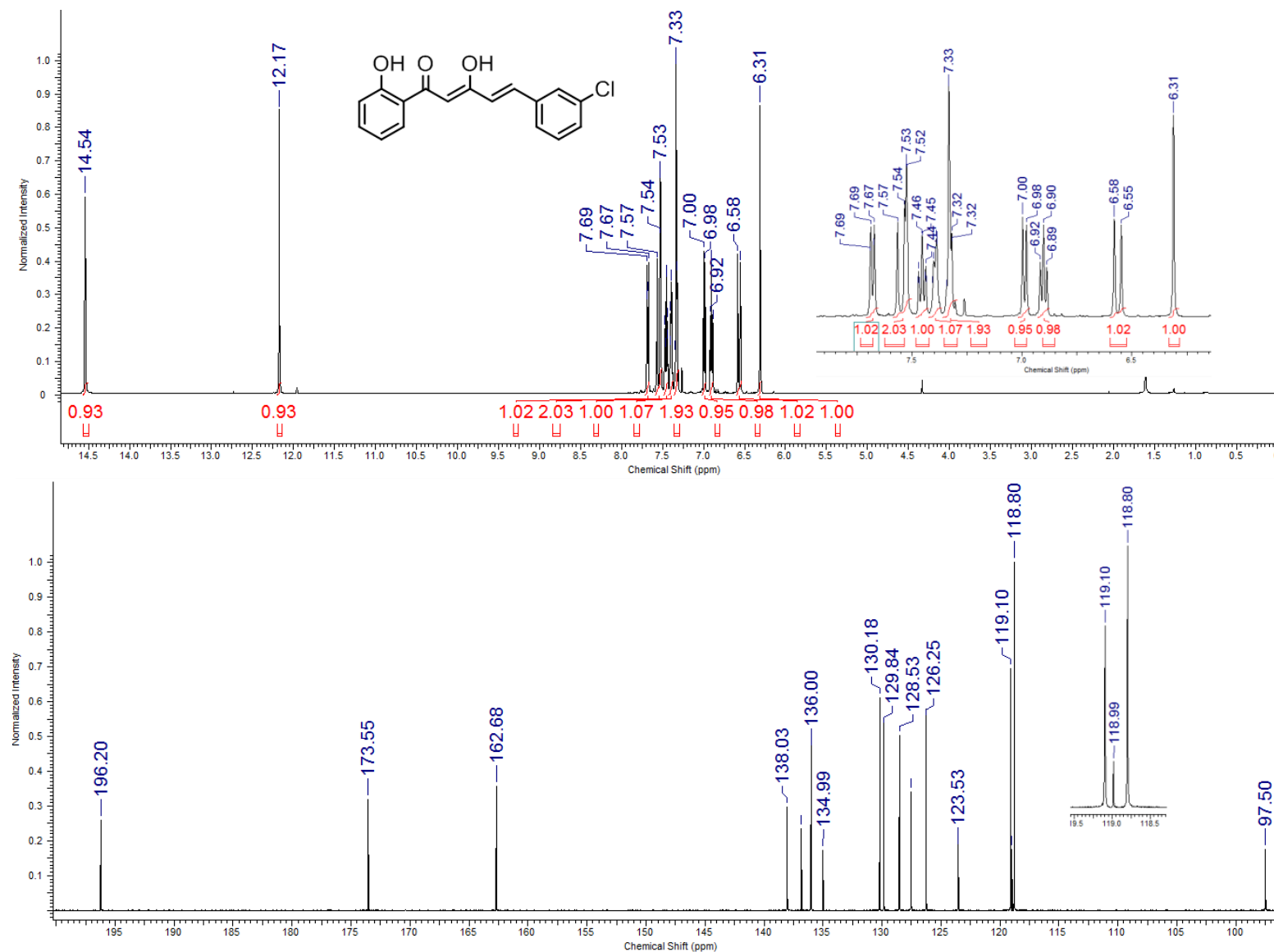


Figure S4. NMR spectra of compound 4.

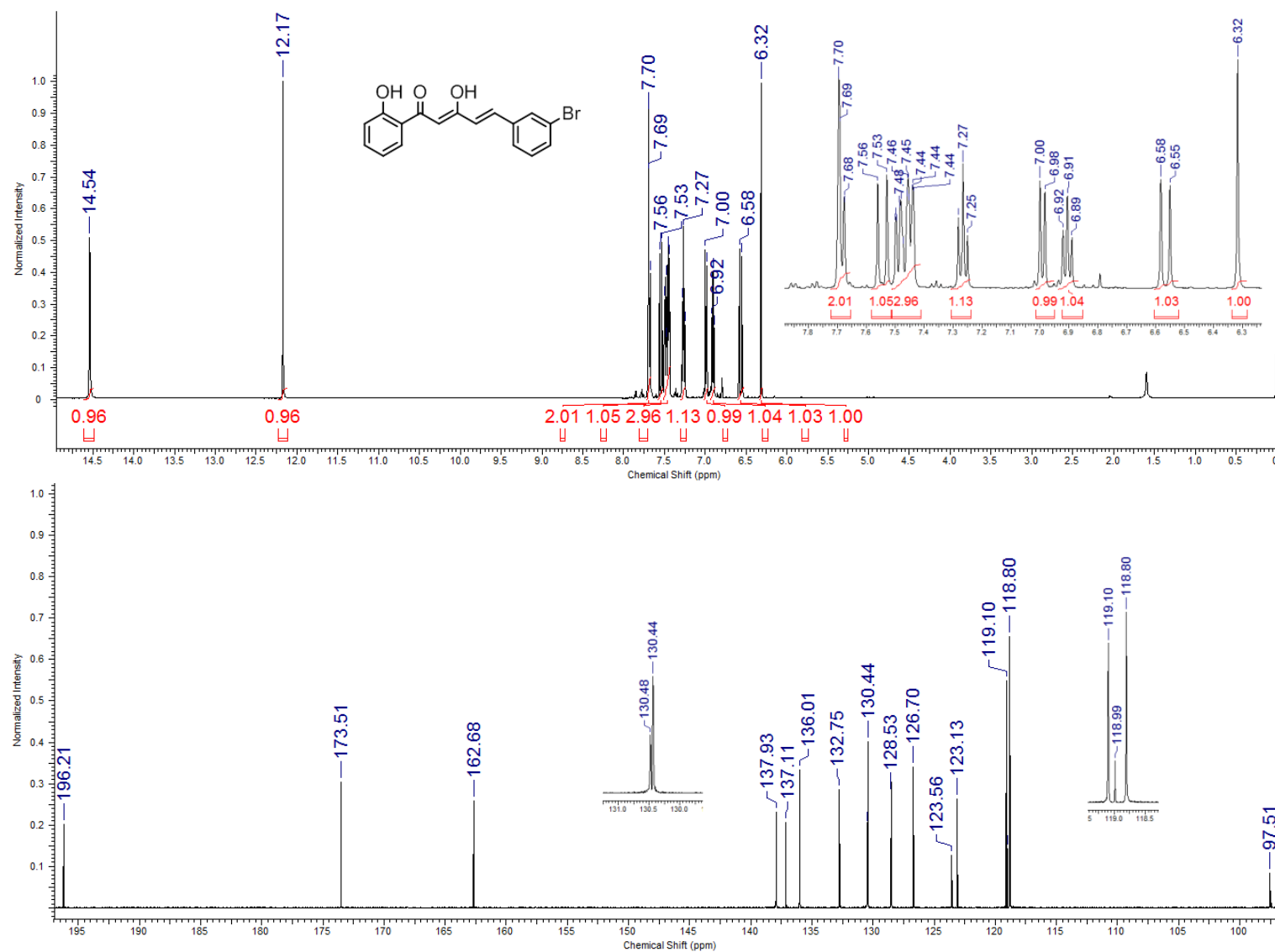


Figure S5. NMR spectra of compound 5.

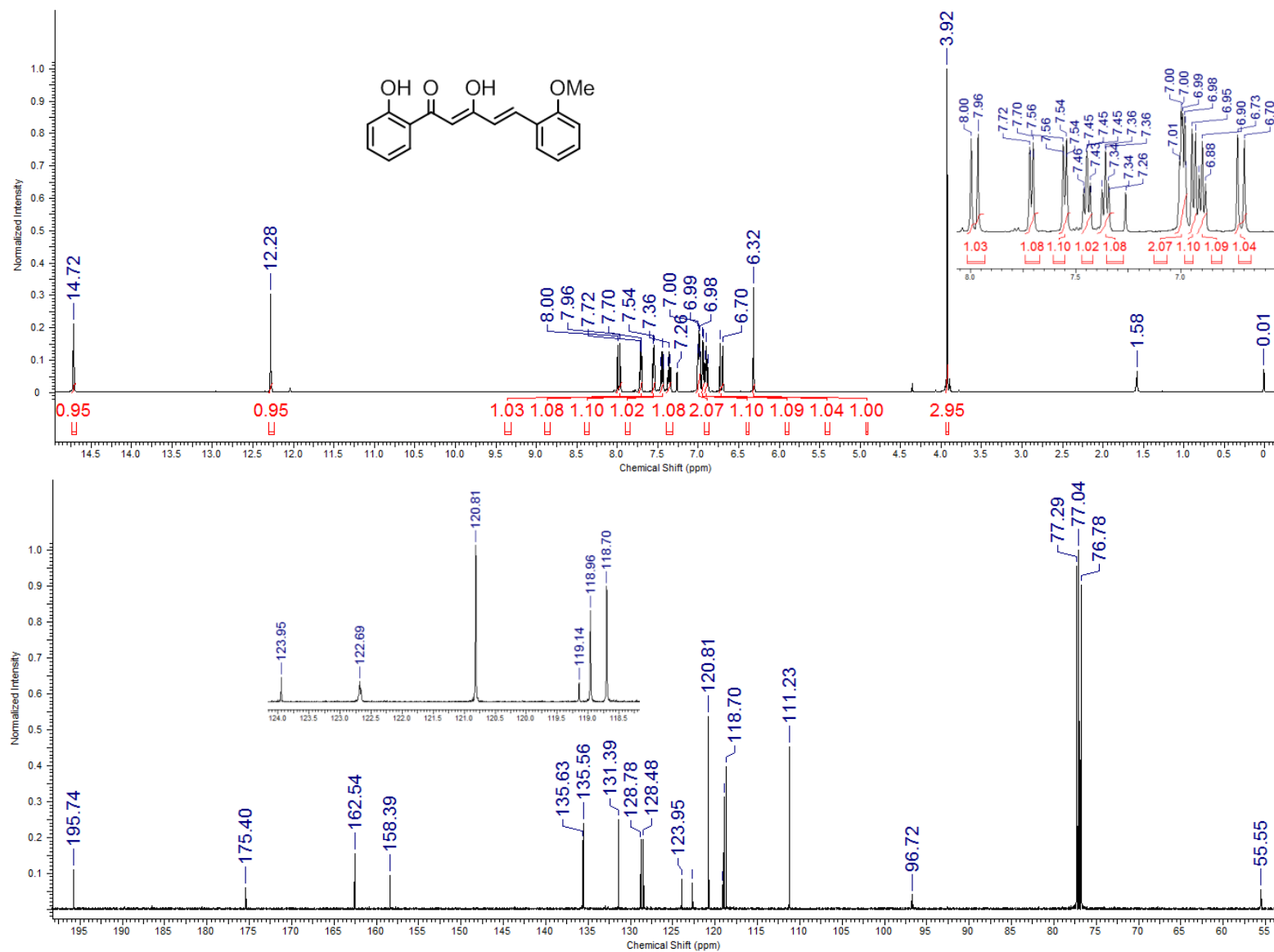


Figure S6. NMR spectra of compound 6.

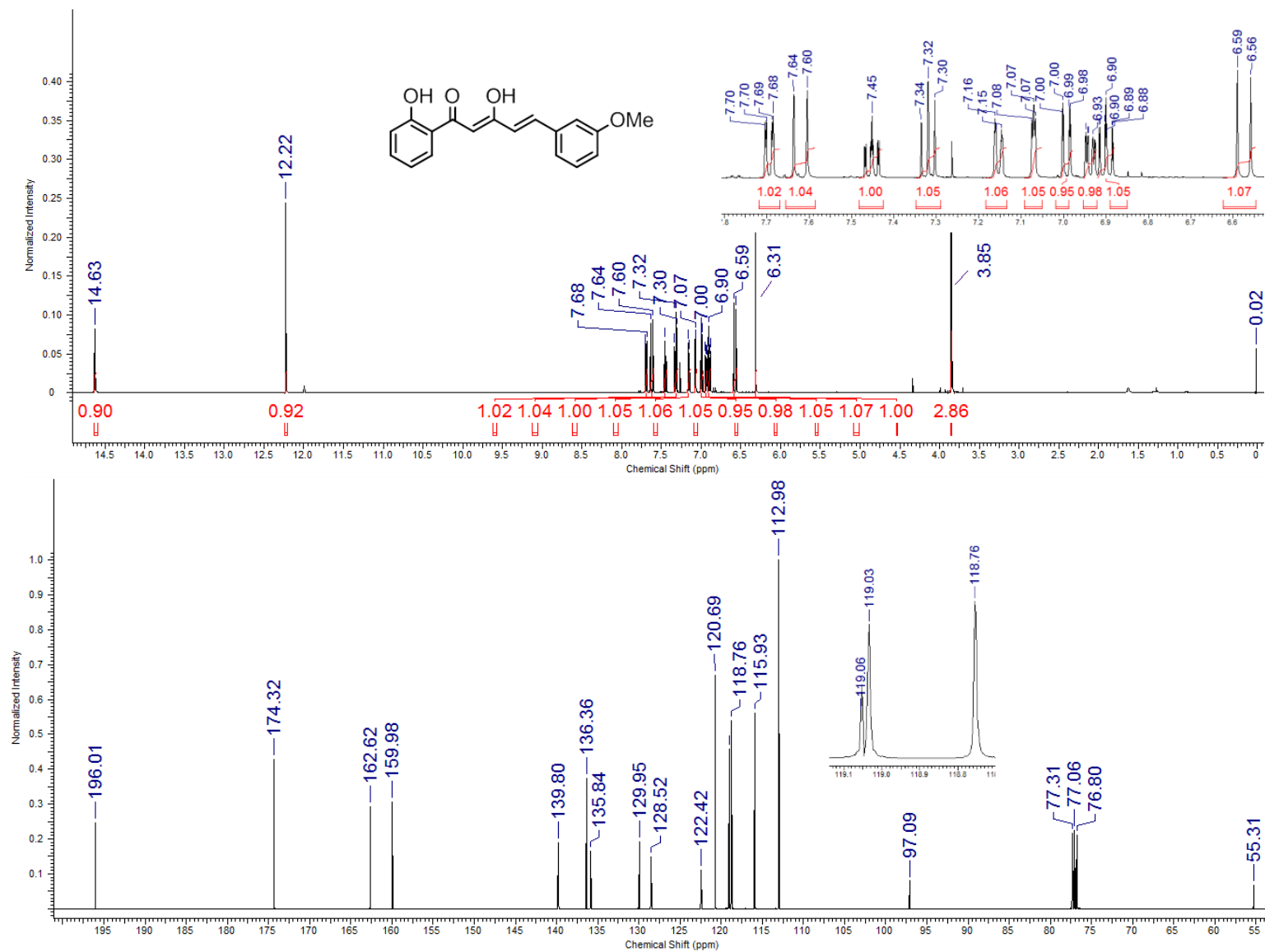


Figure S7. NMR spectra of compound 7.

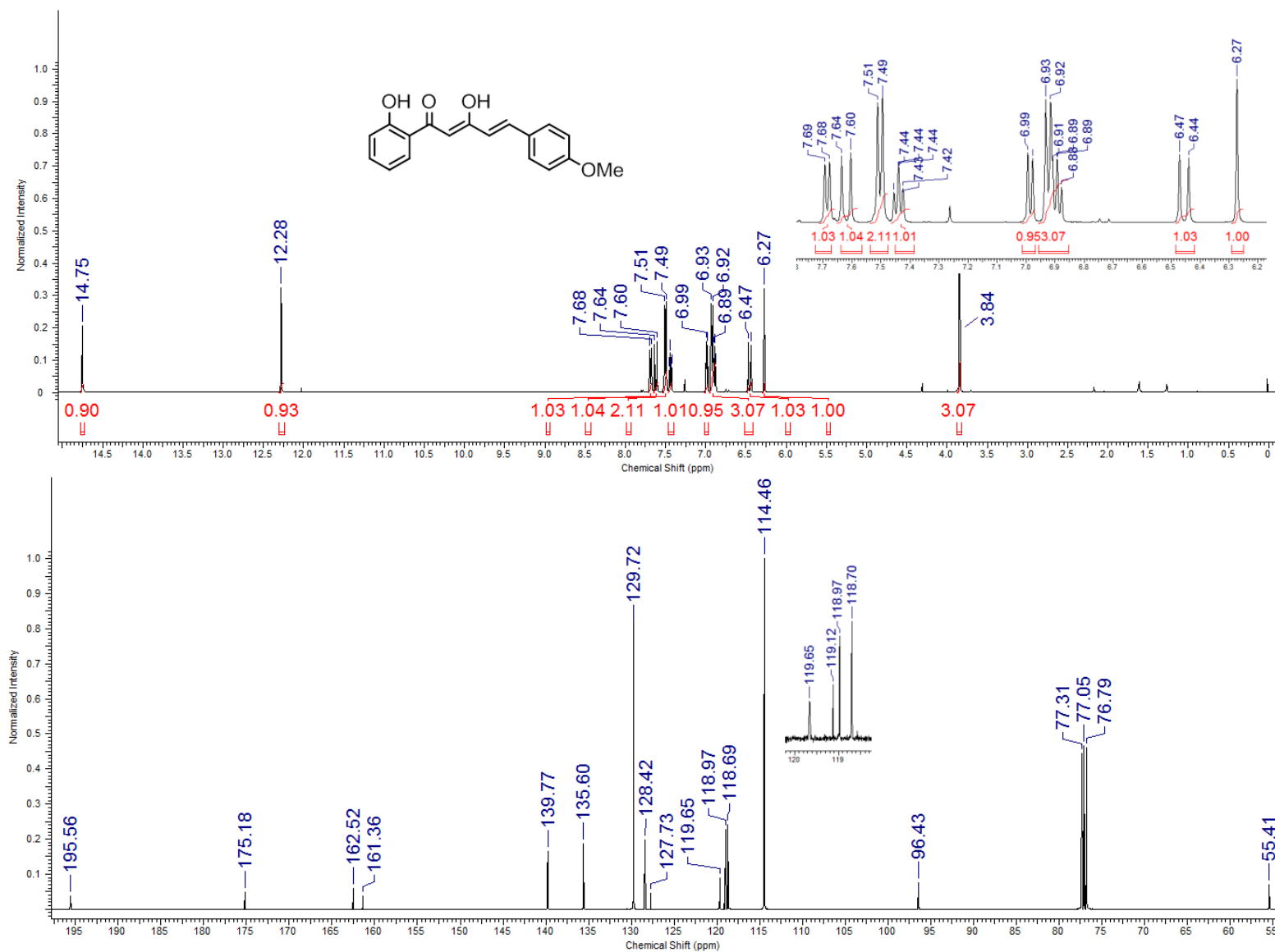


Figure S8. NMR spectra of compound 8.

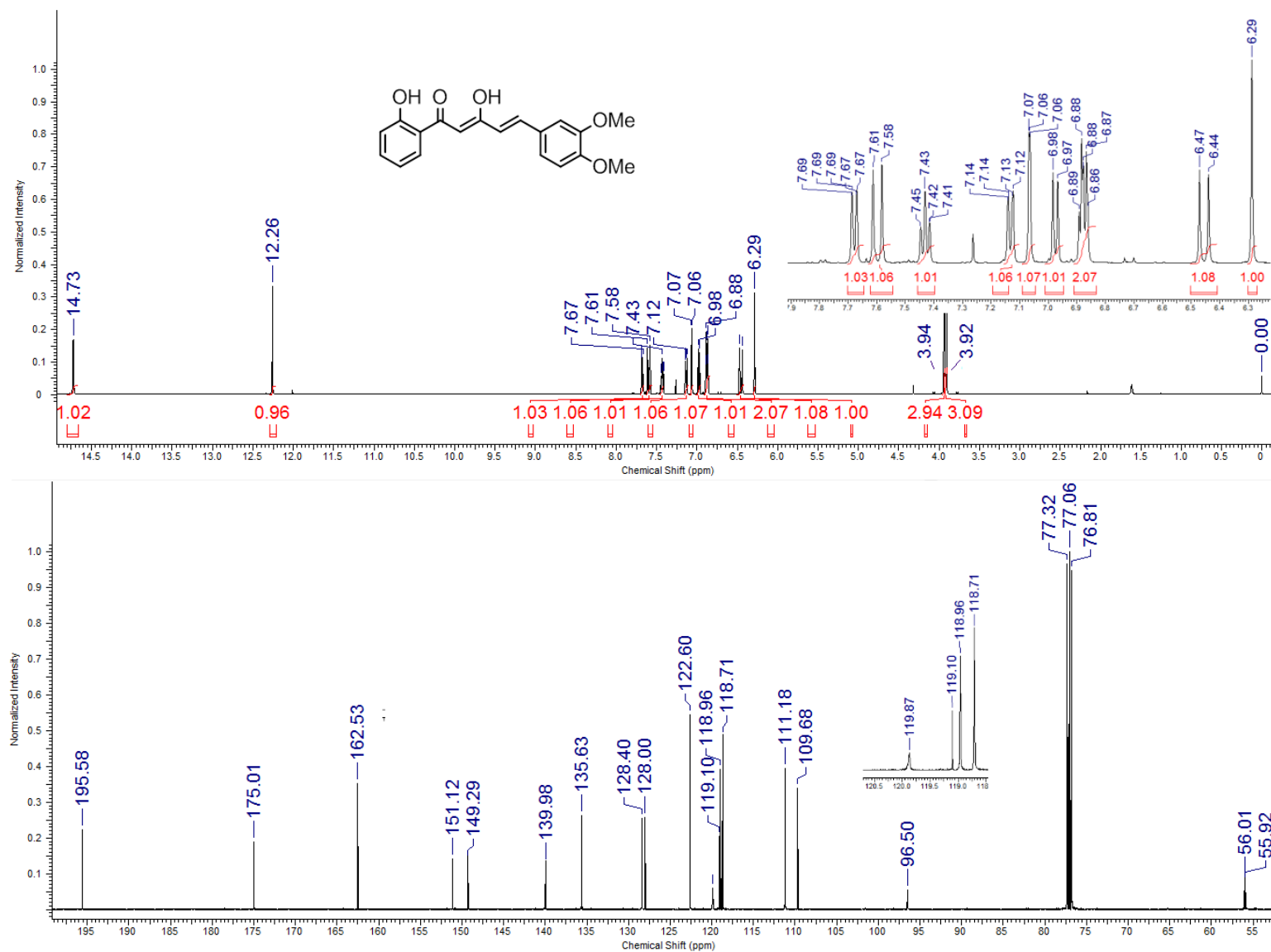


Figure S9. NMR spectra of compound 9.

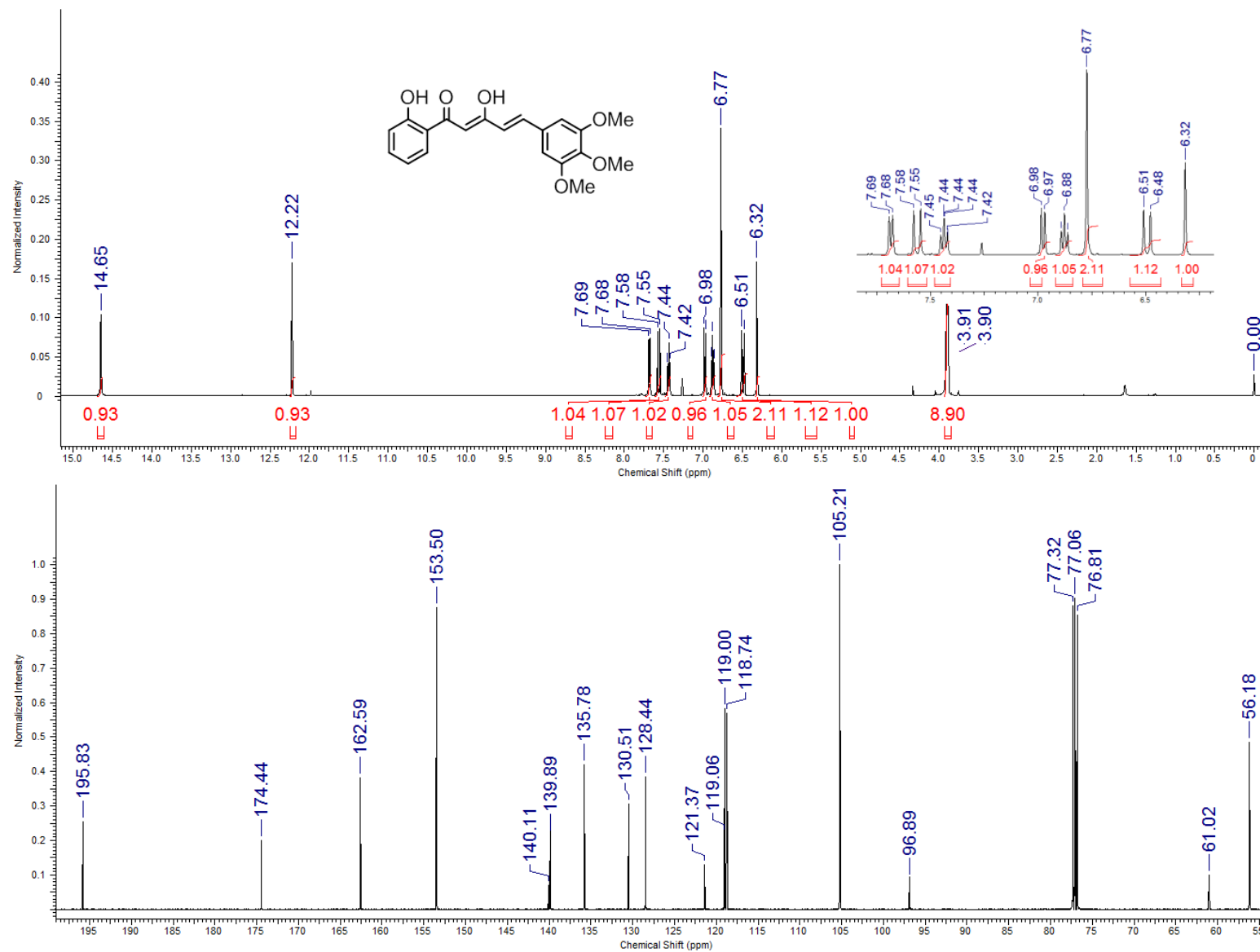


Figure S10. NMR spectra of compound 10.

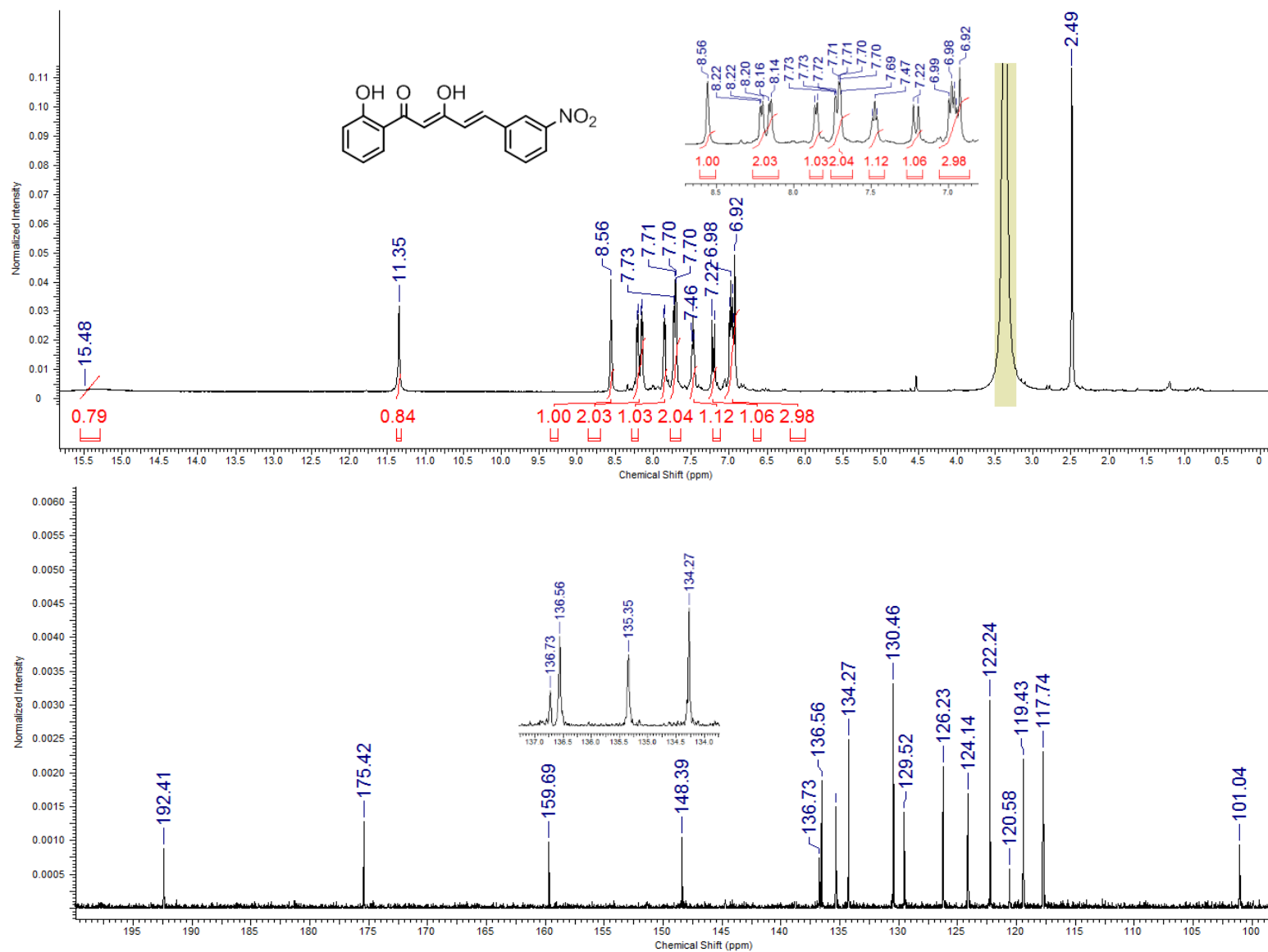


Figure S11. NMR spectra of compound 11.

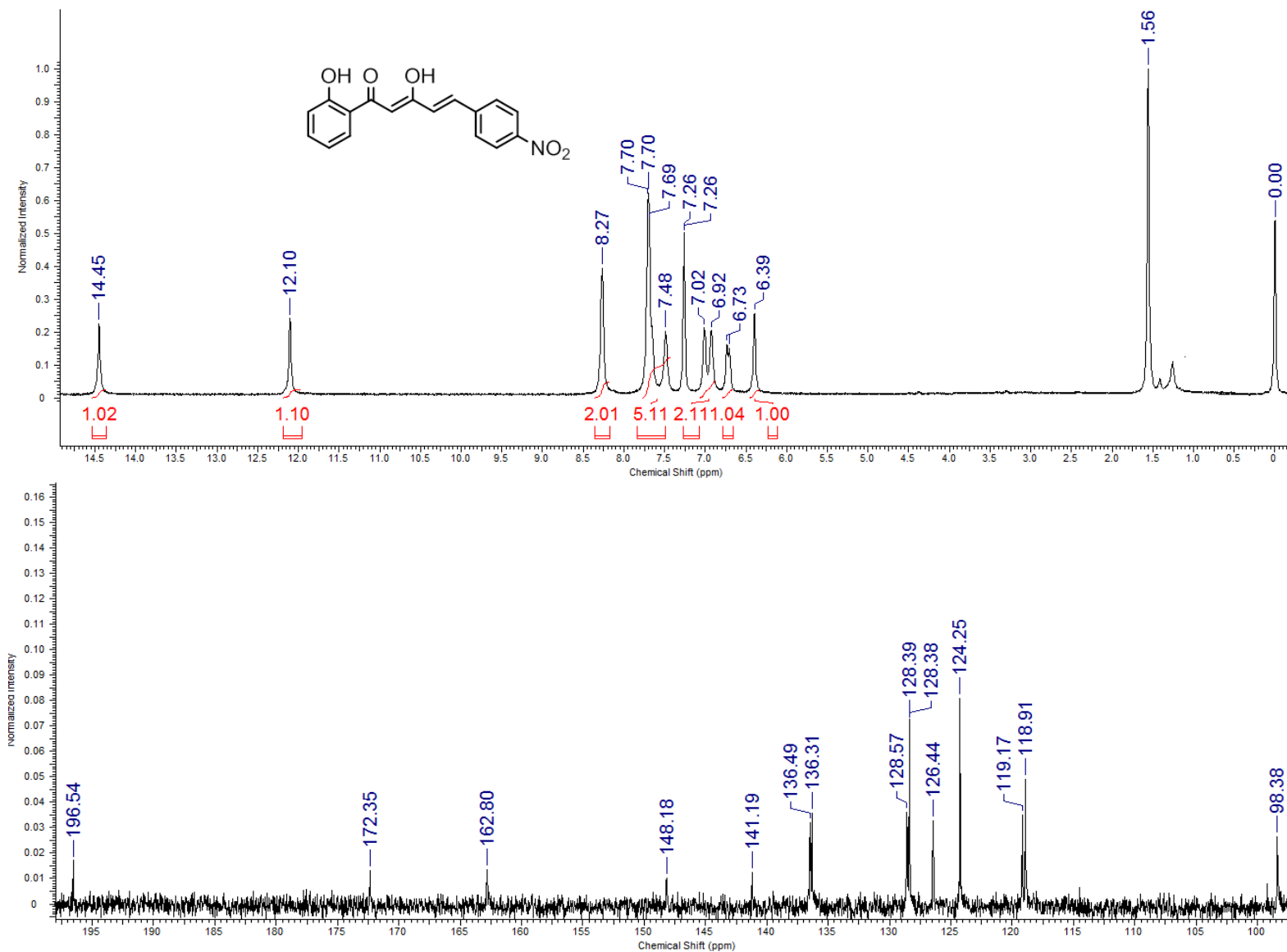


Figure S12. NMR spectra of compound 12.

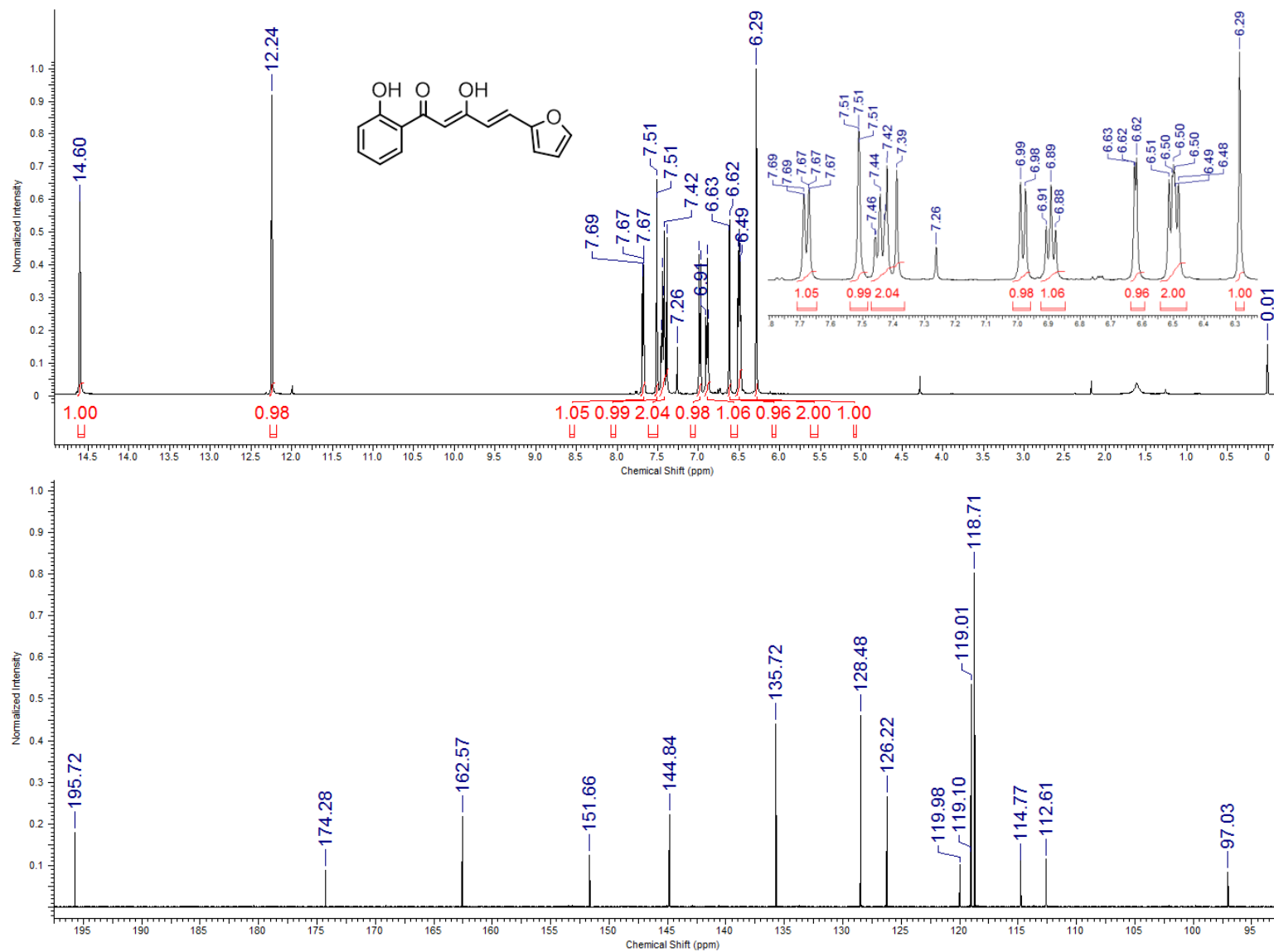


Figure S13. NMR spectra of compound 13.

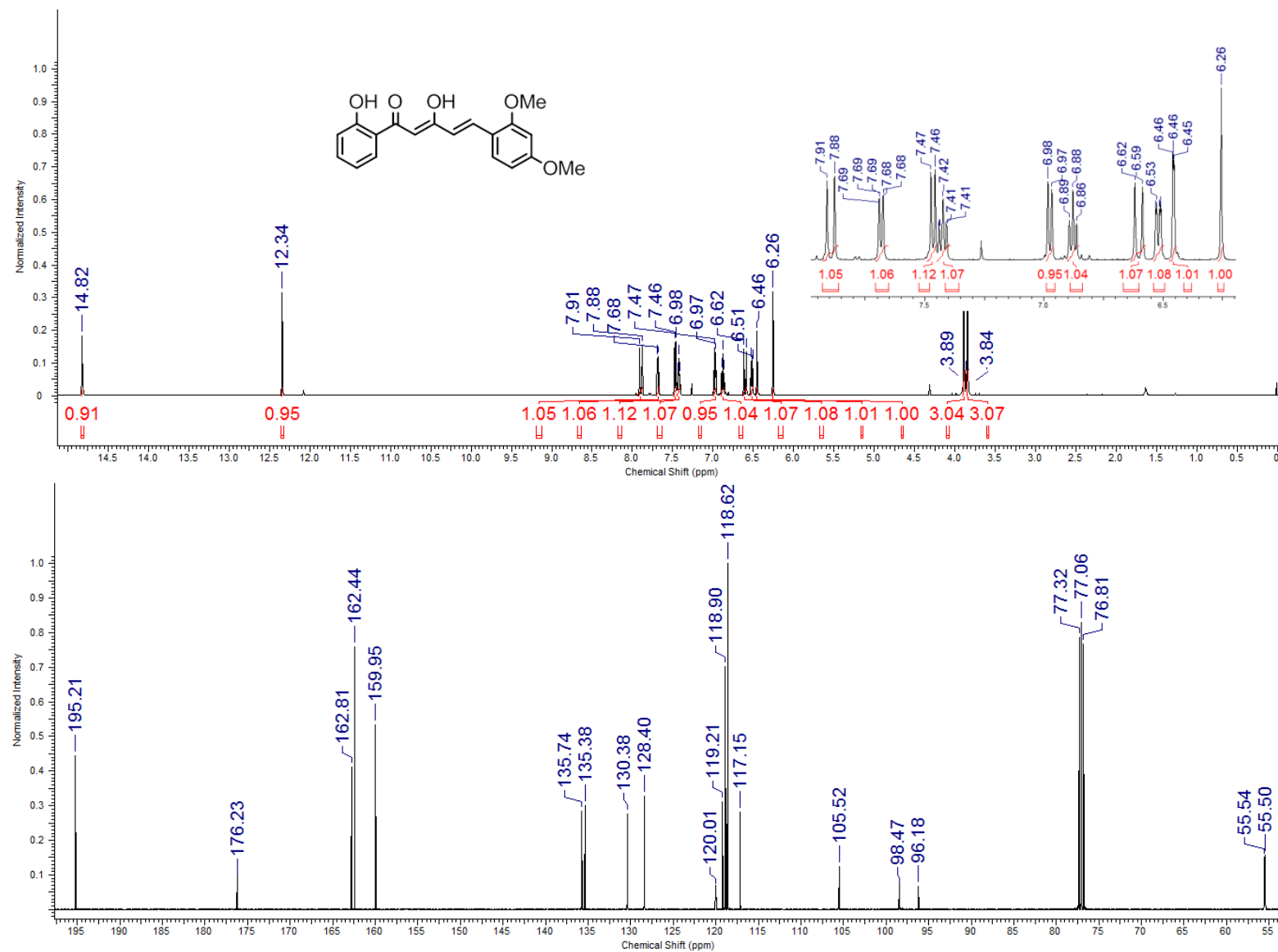


Figure S14. NMR spectra of compound 14.

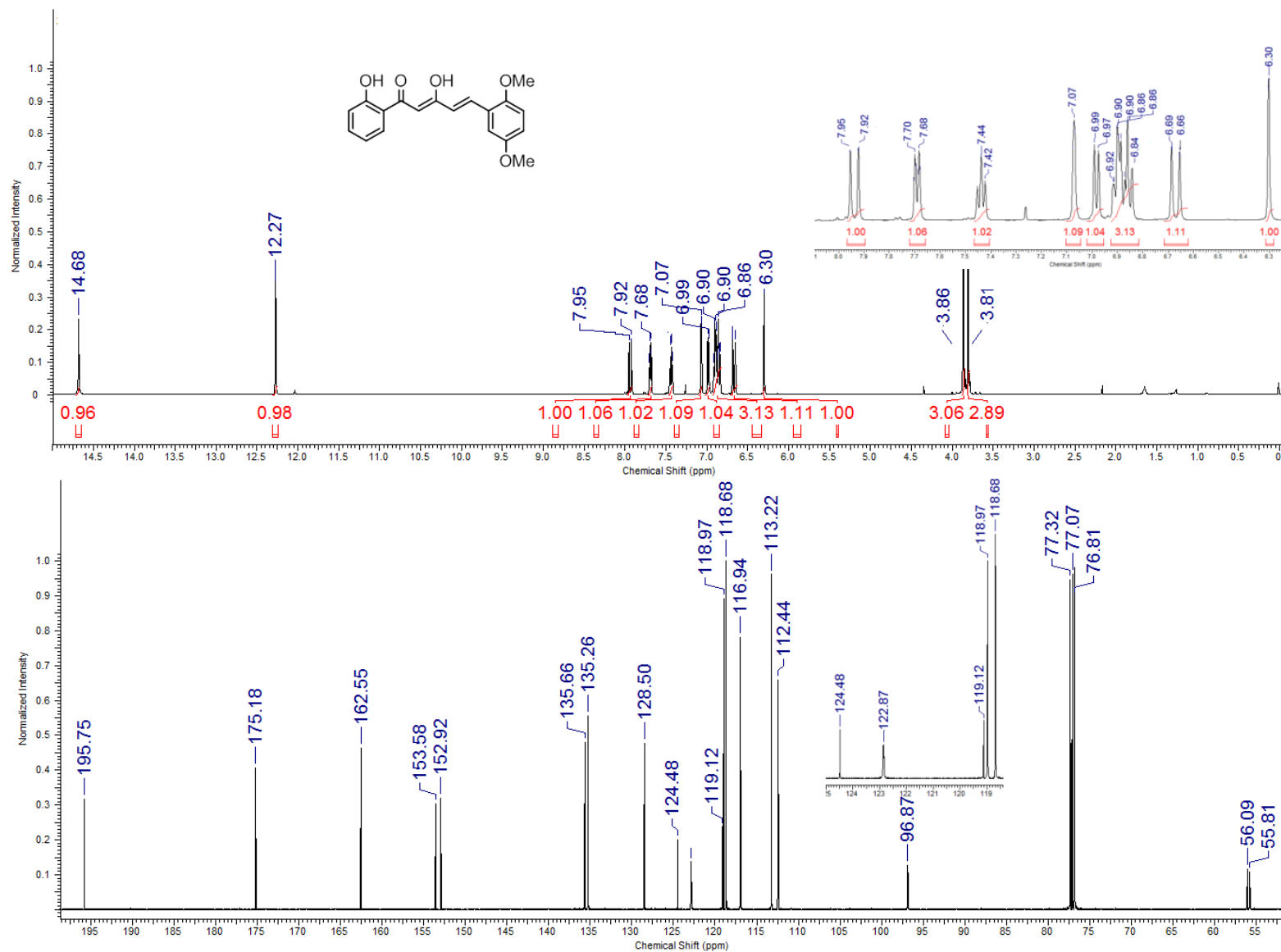


Figure S15. NMR spectra of compound 15.

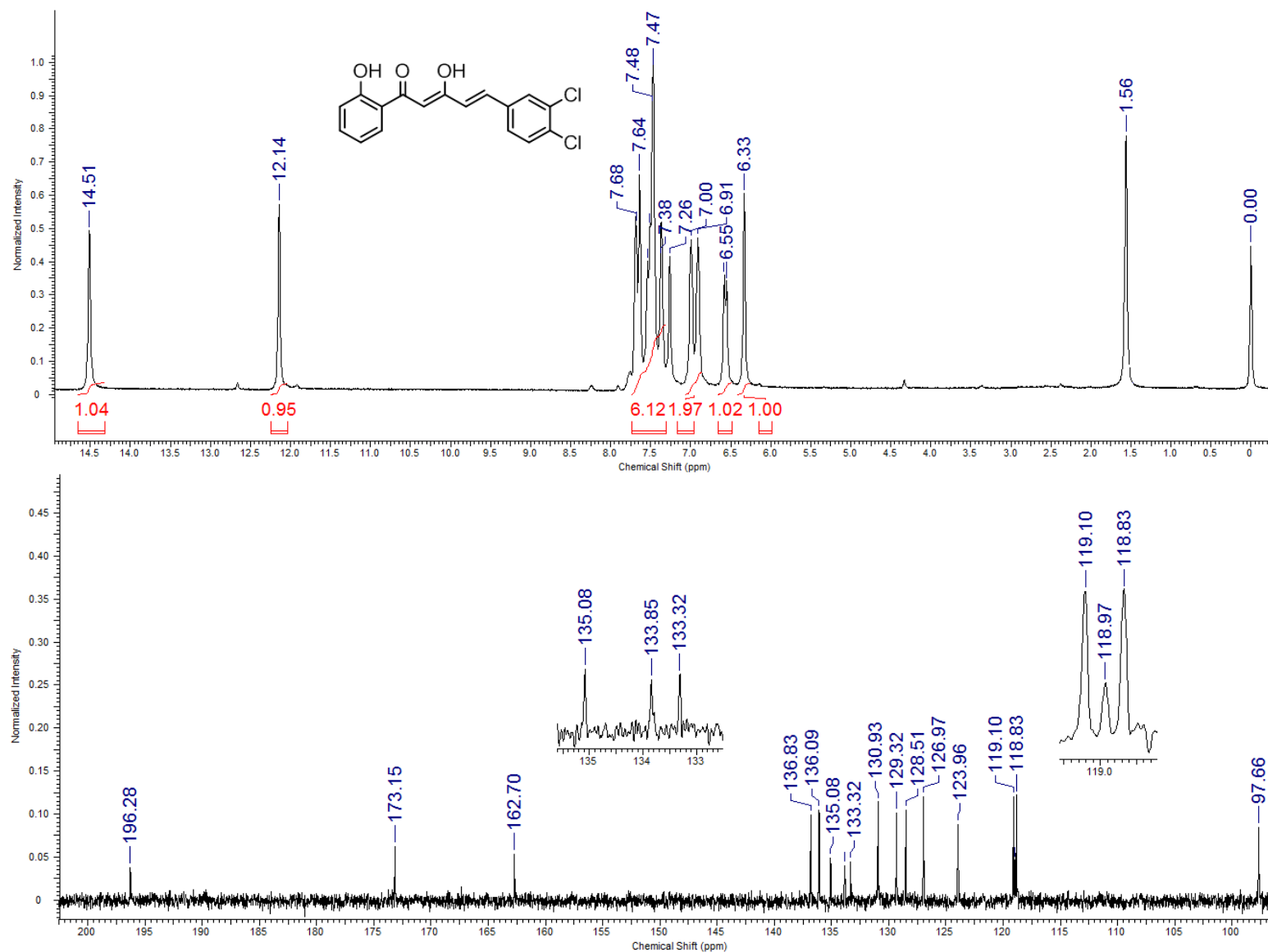


Figure S16. NMR spectra of compound 16.

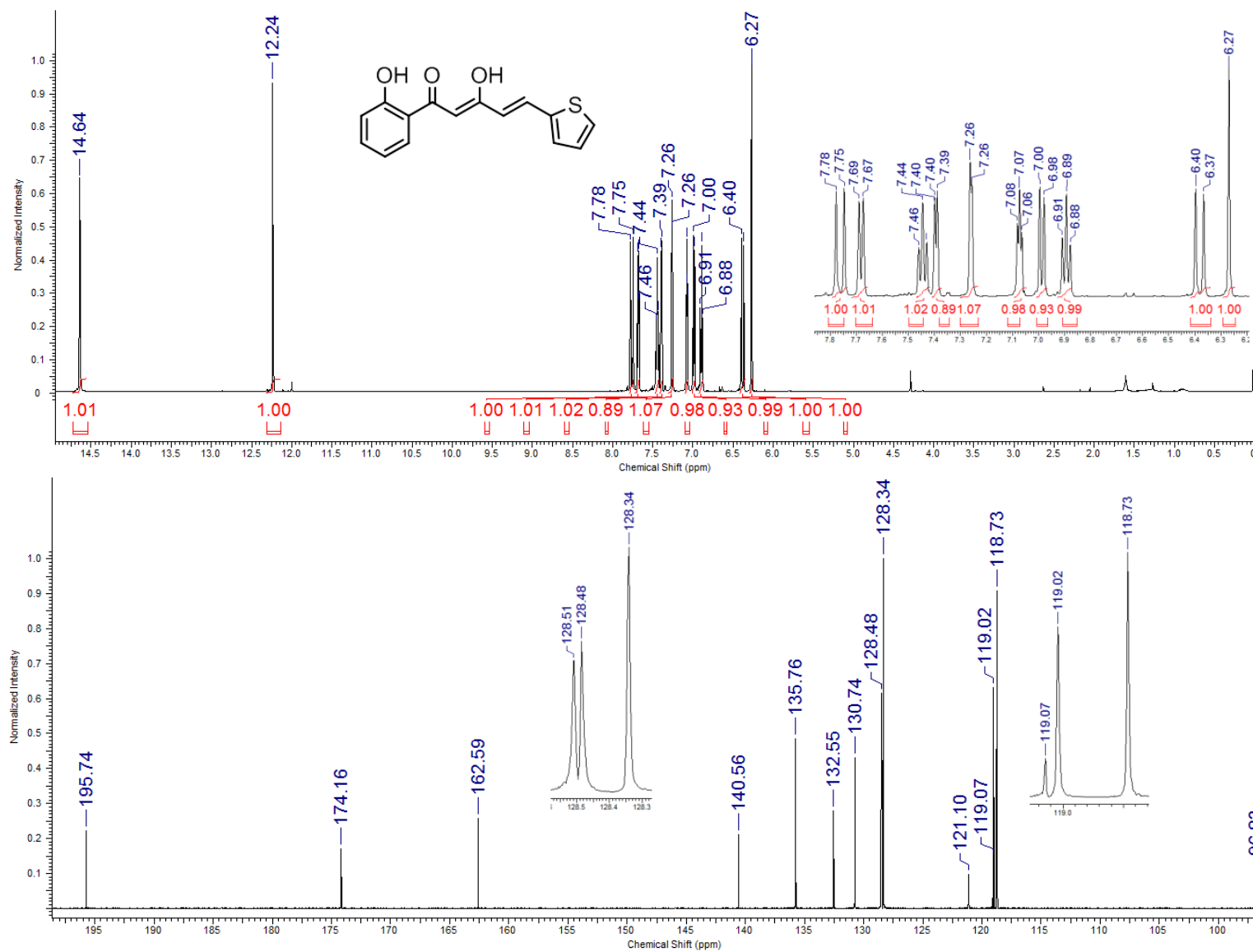


Figure S17. NMR spectra of compound 17.

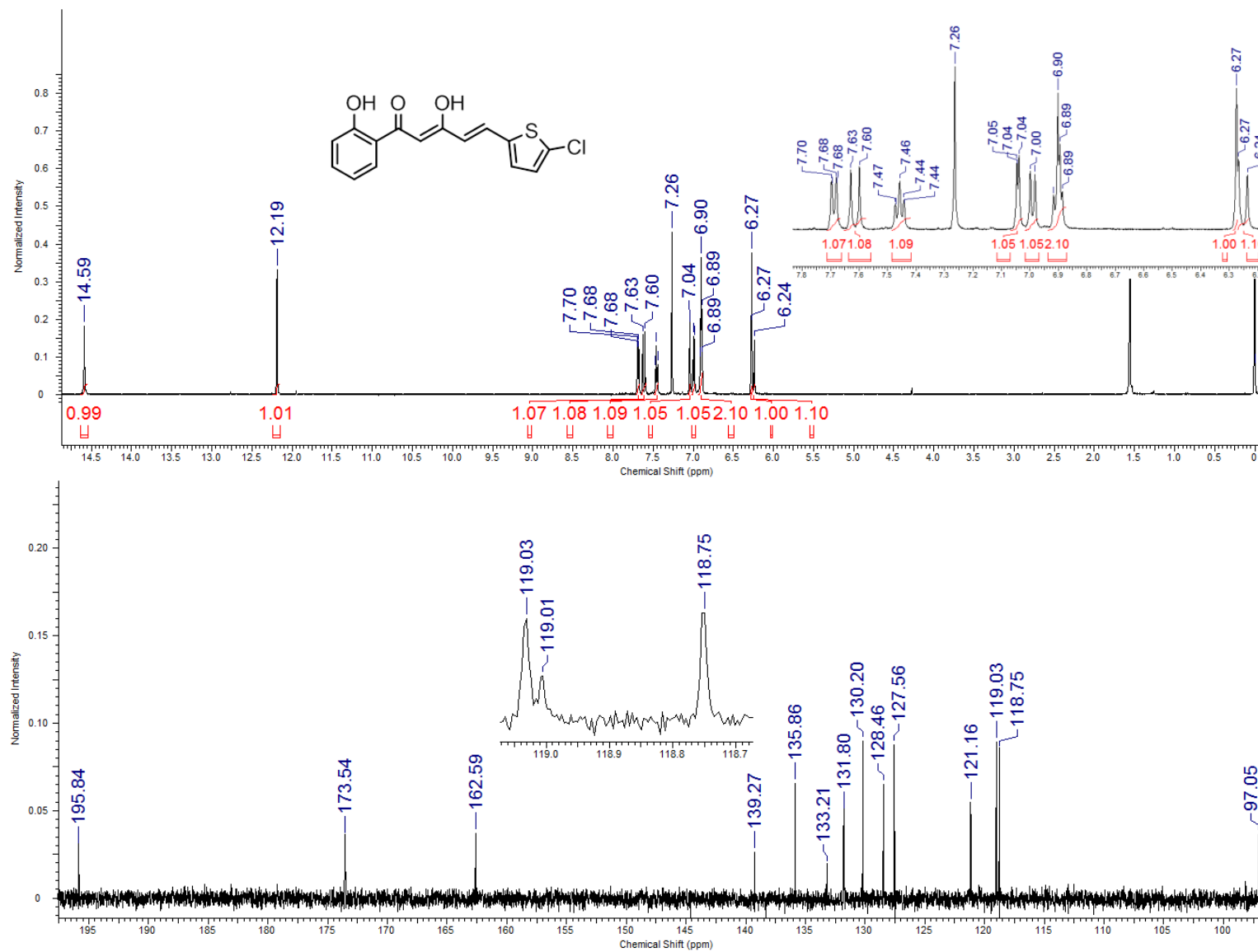


Figure S18. NMR spectra of compound 18.

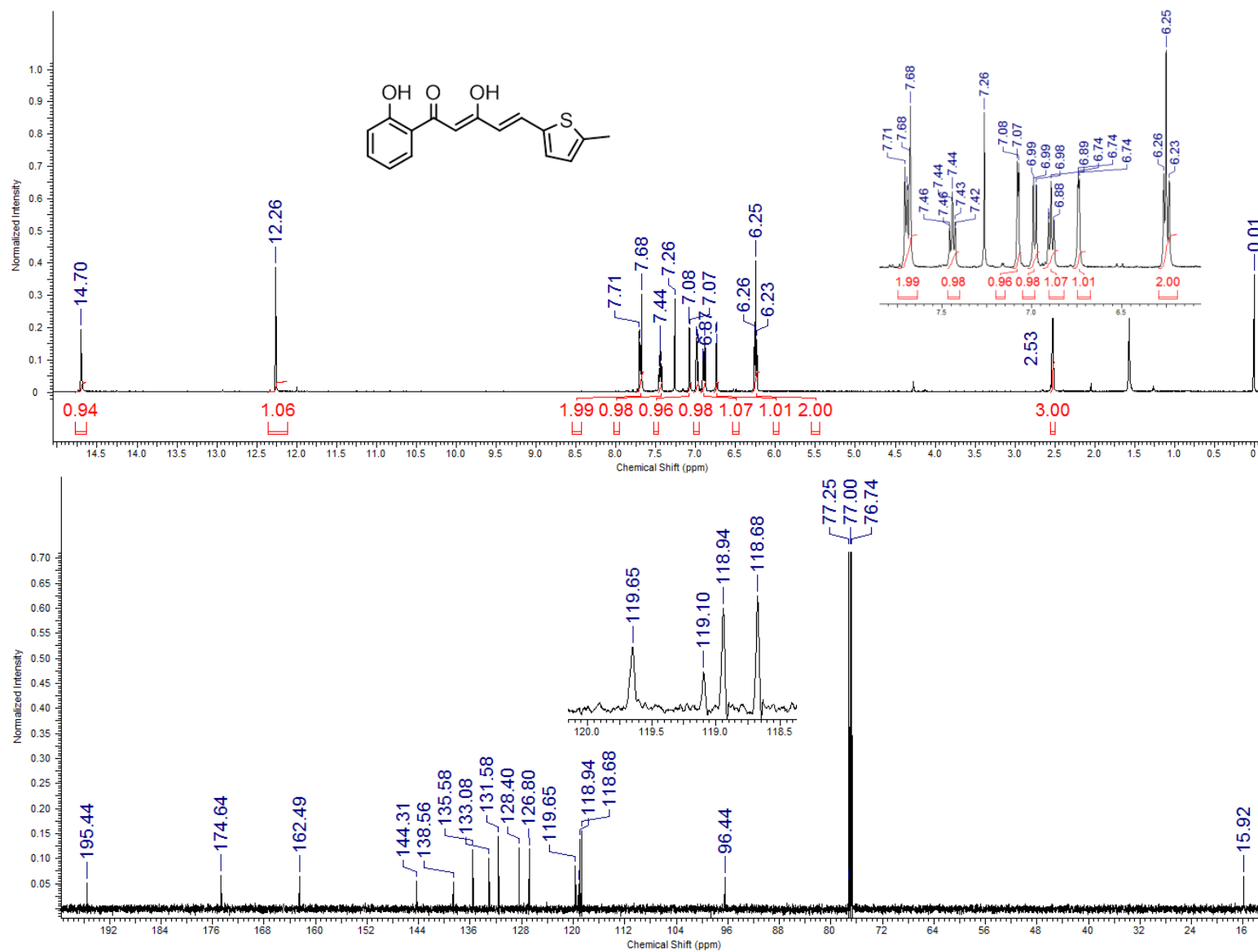


Figure S19. NMR spectra of compound 19.

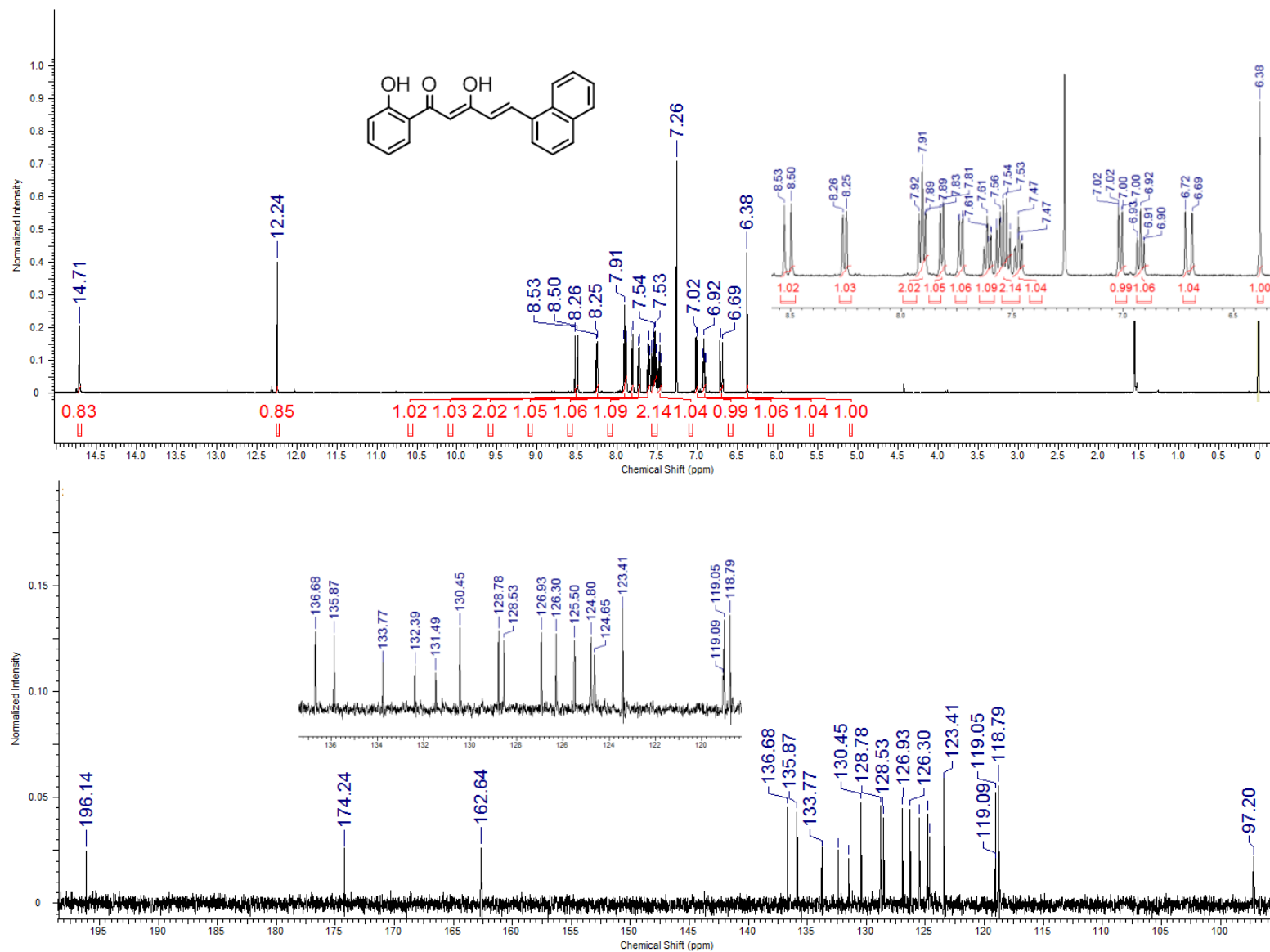


Figure S20. NMR spectra of compound 20.

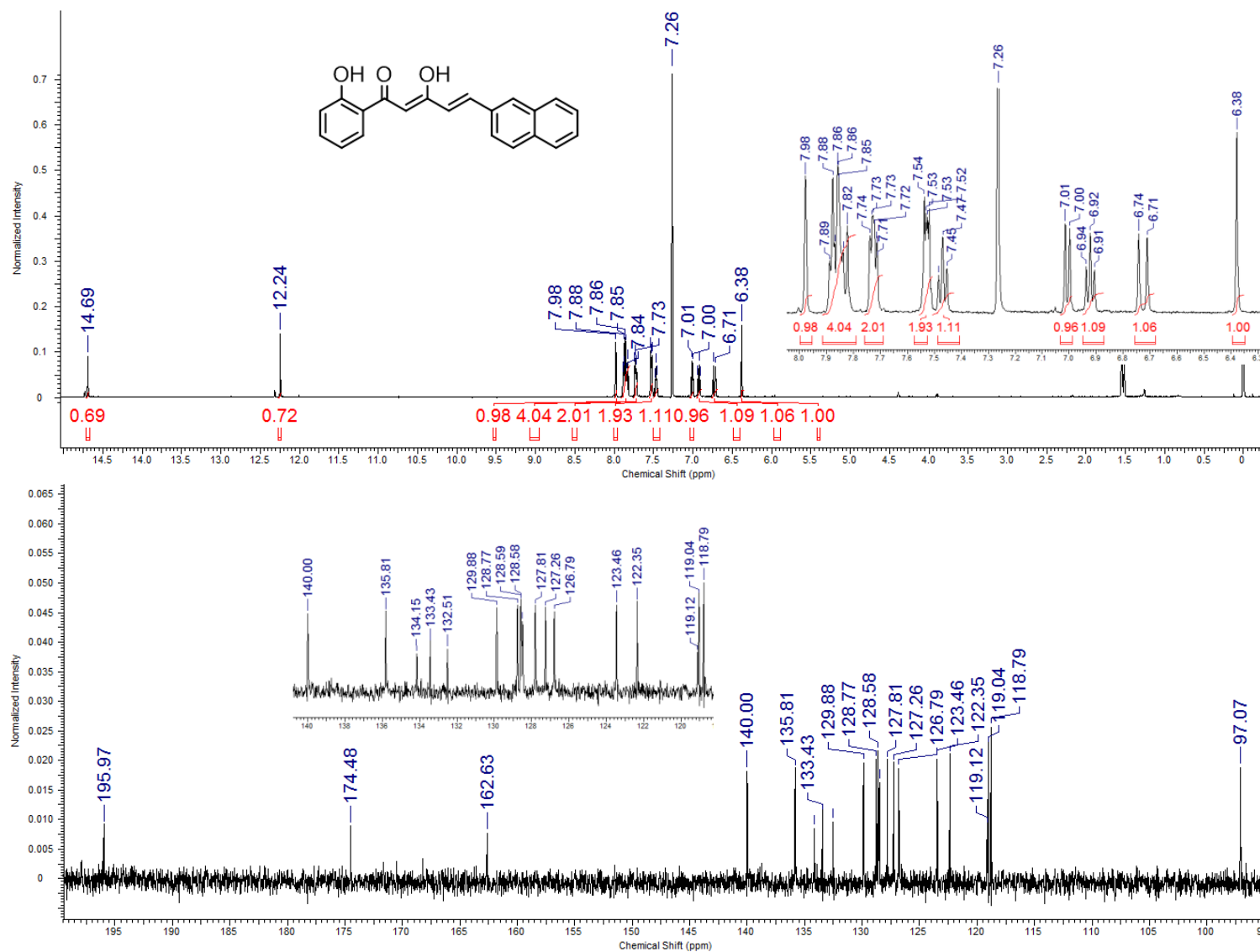


Figure S21. NMR spectra of compound 21.

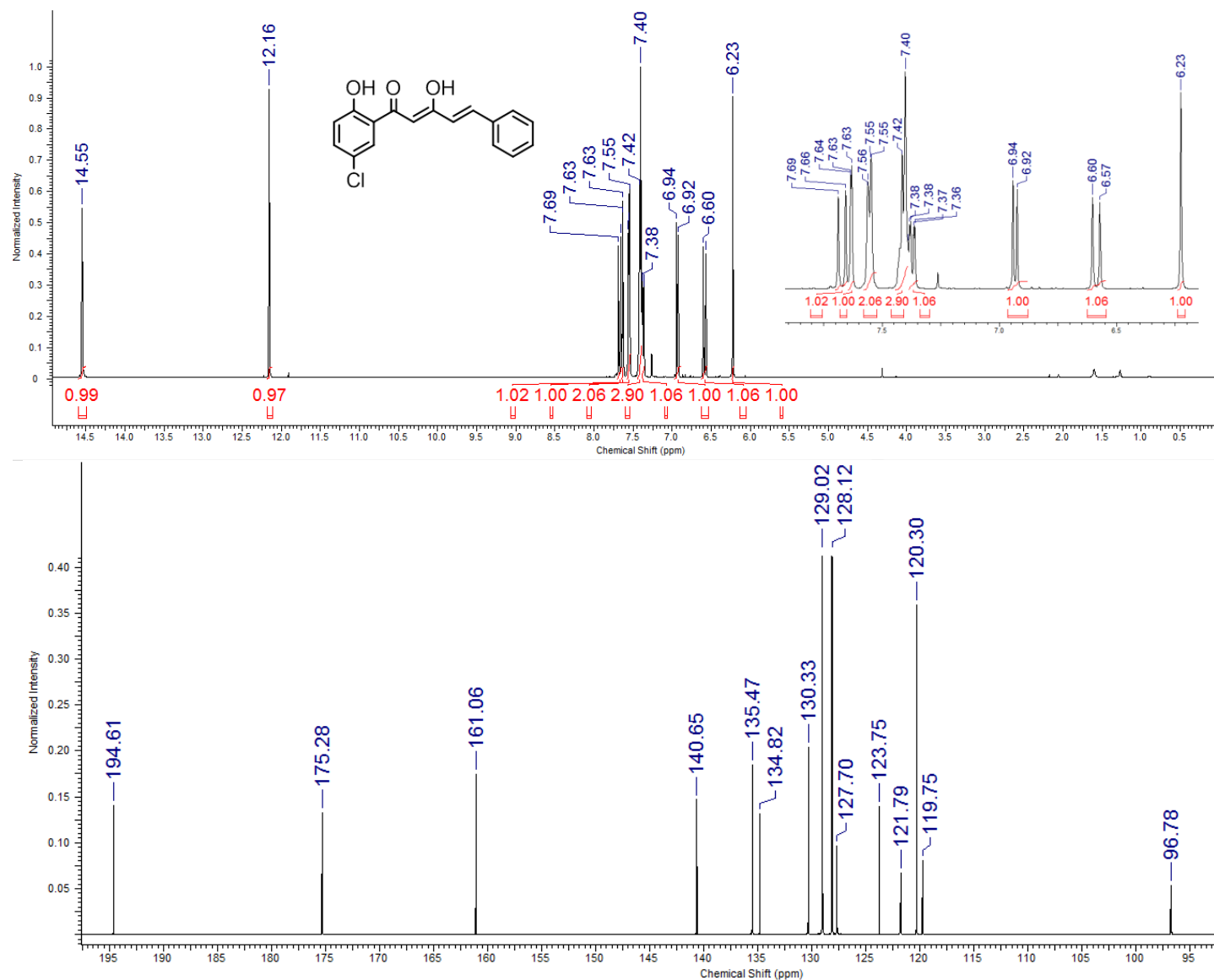


Figure S22. NMR spectra of compound 22.

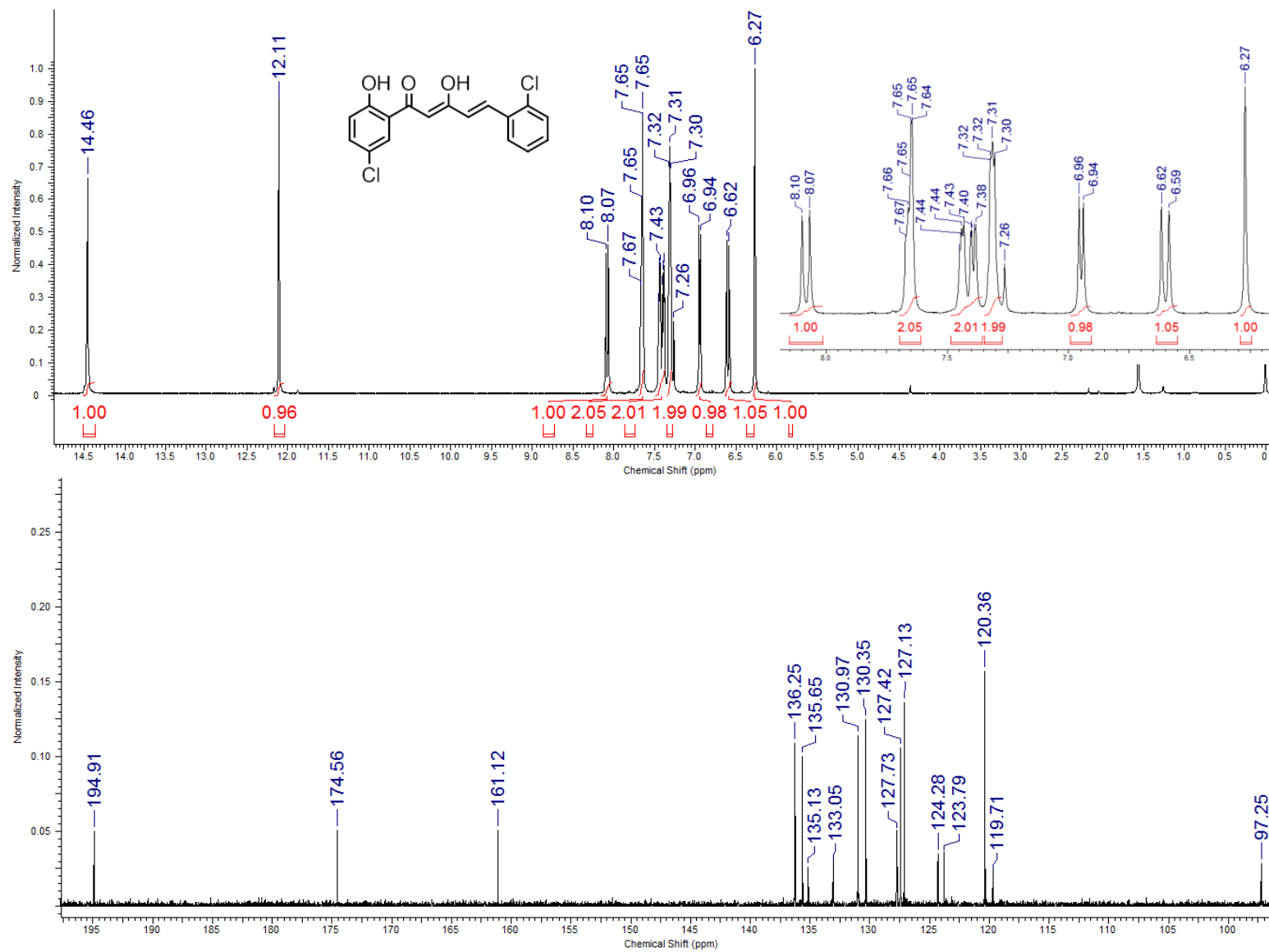


Figure S23. NMR spectra of compound 23.

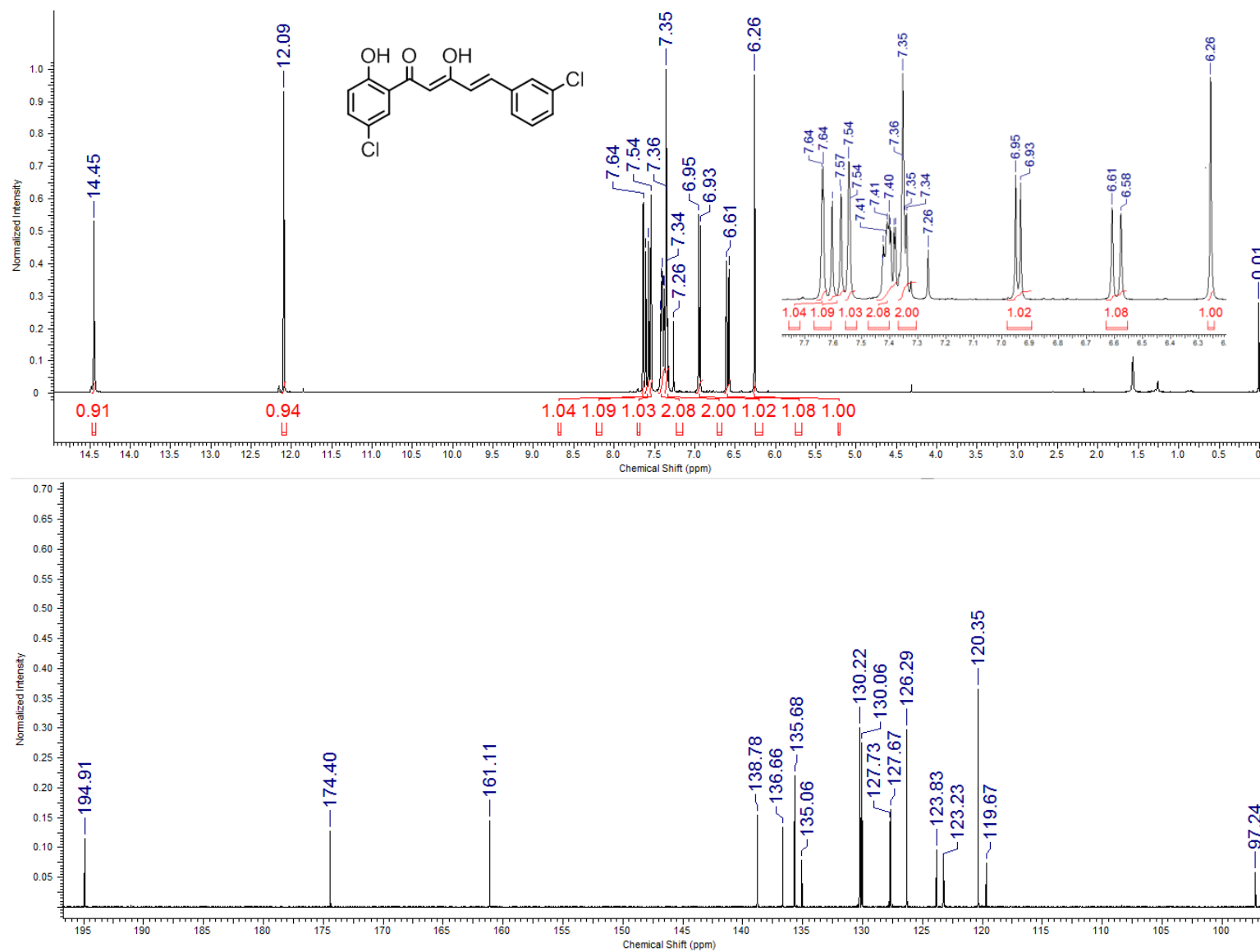


Figure S24. NMR spectra of compound 24.

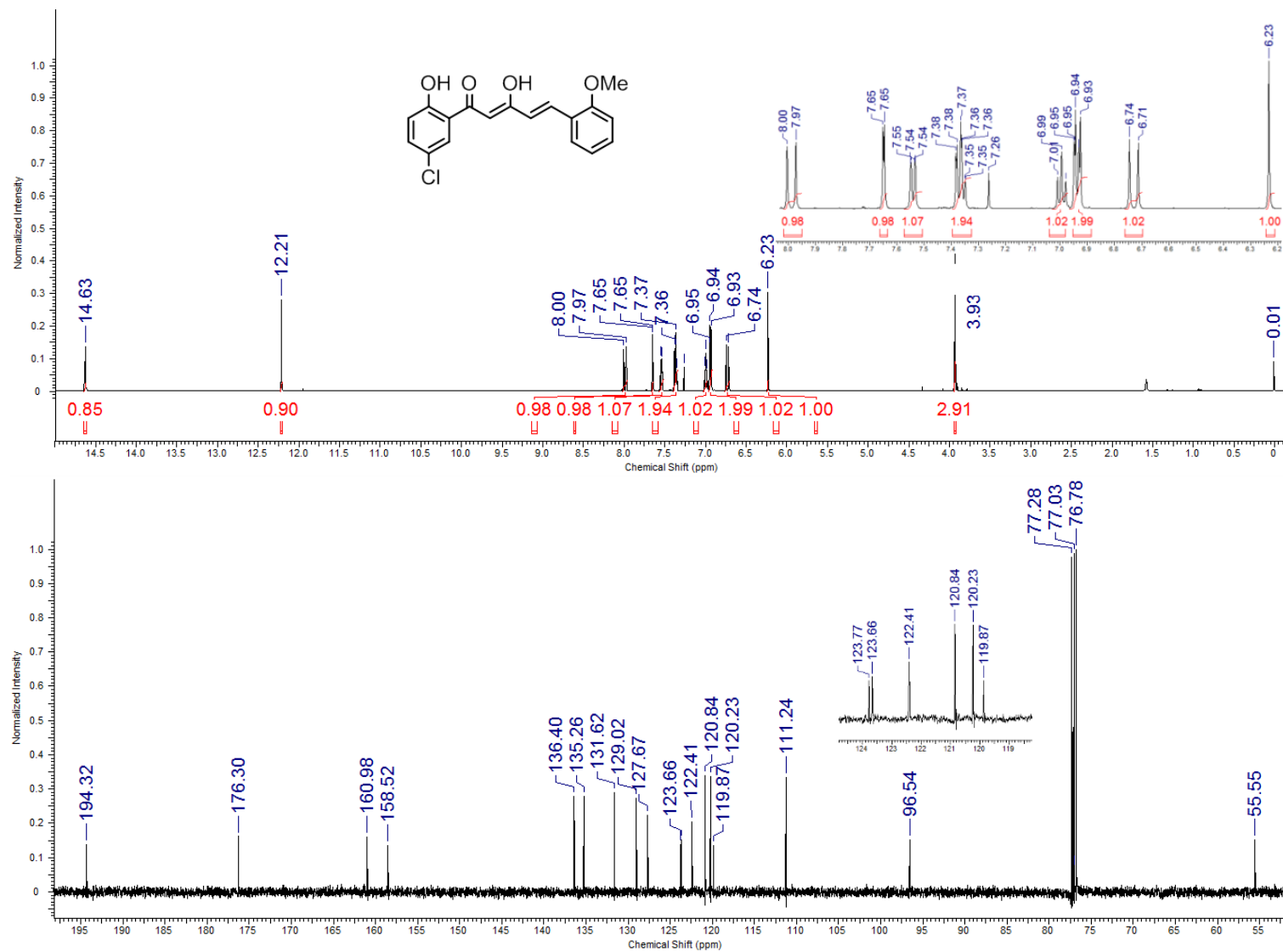


Figure S25. NMR spectra of compound 25.

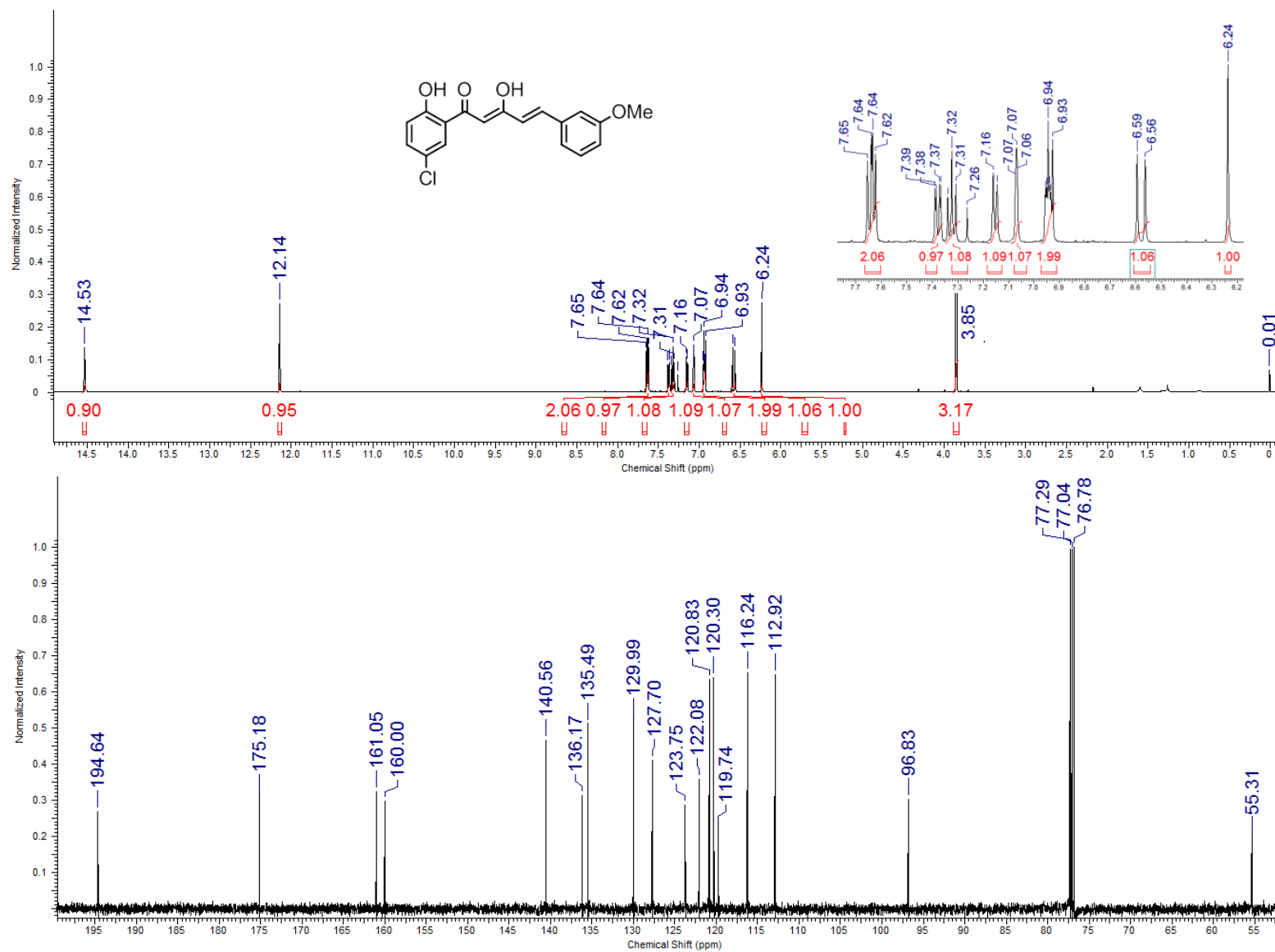


Figure S26. NMR spectra of compound 26.

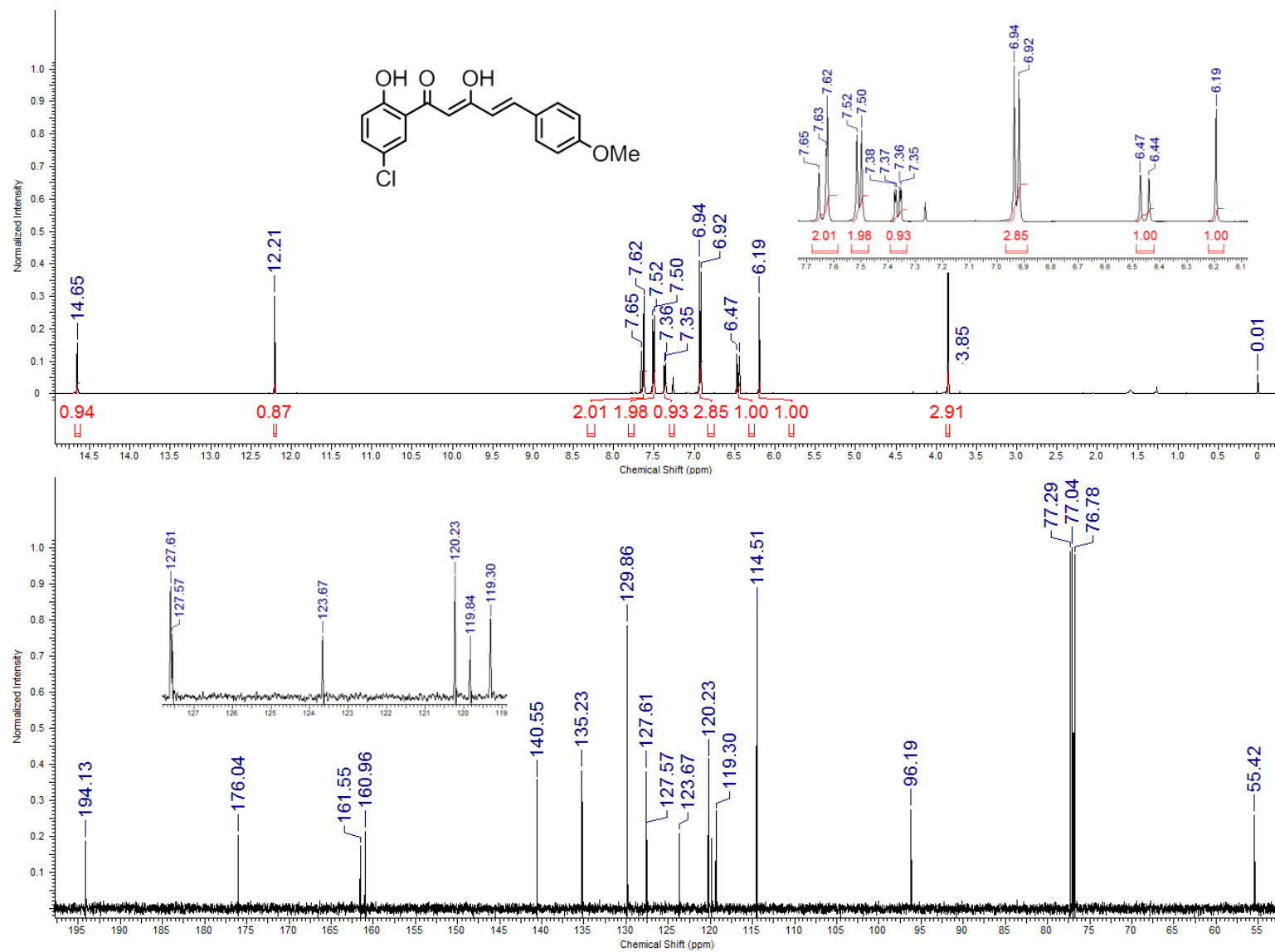


Figure S27. NMR spectra of compound 27.

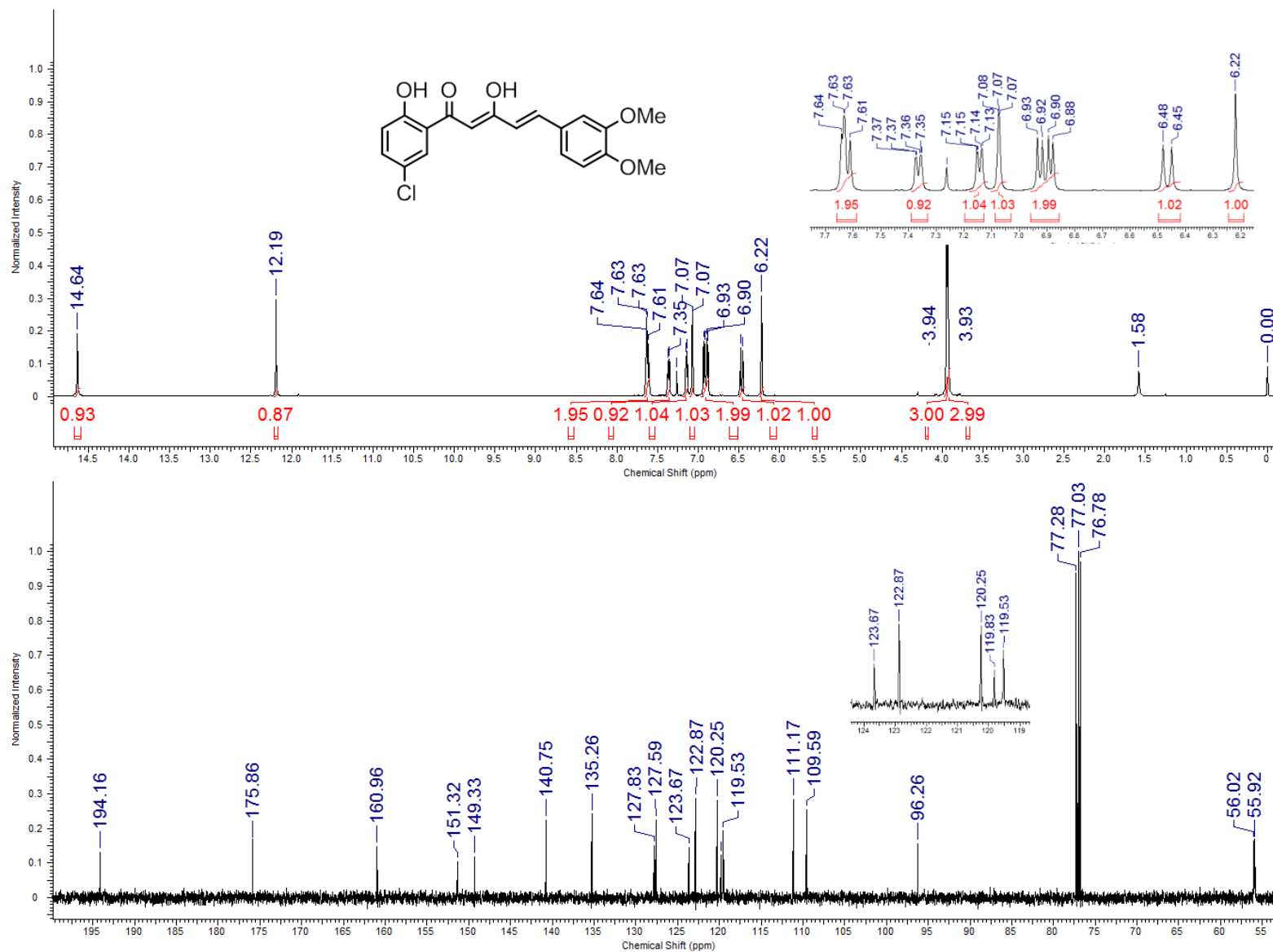


Figure S28. NMR spectra of compound 28.

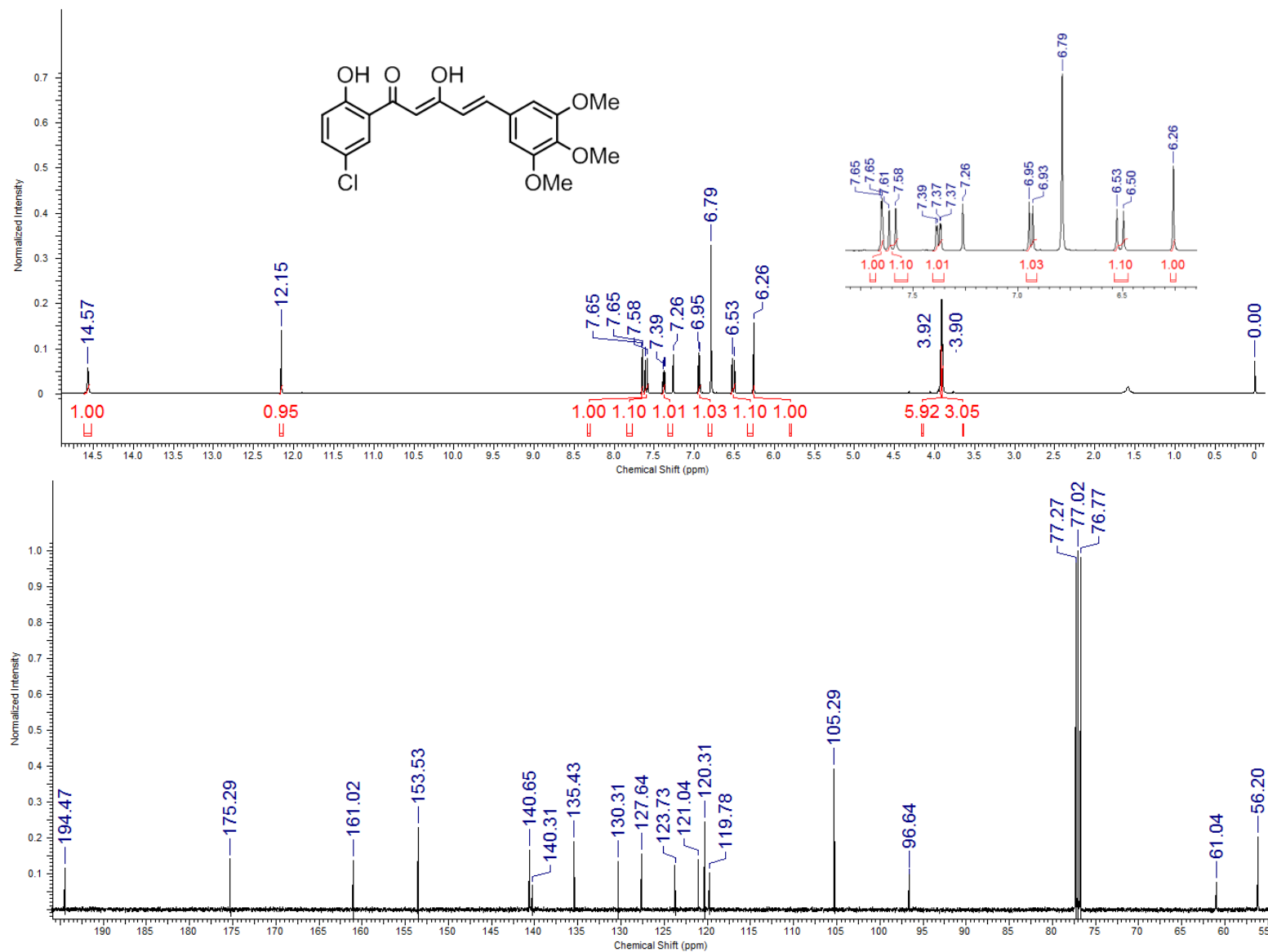


Figure S29. NMR spectra of compound 29.

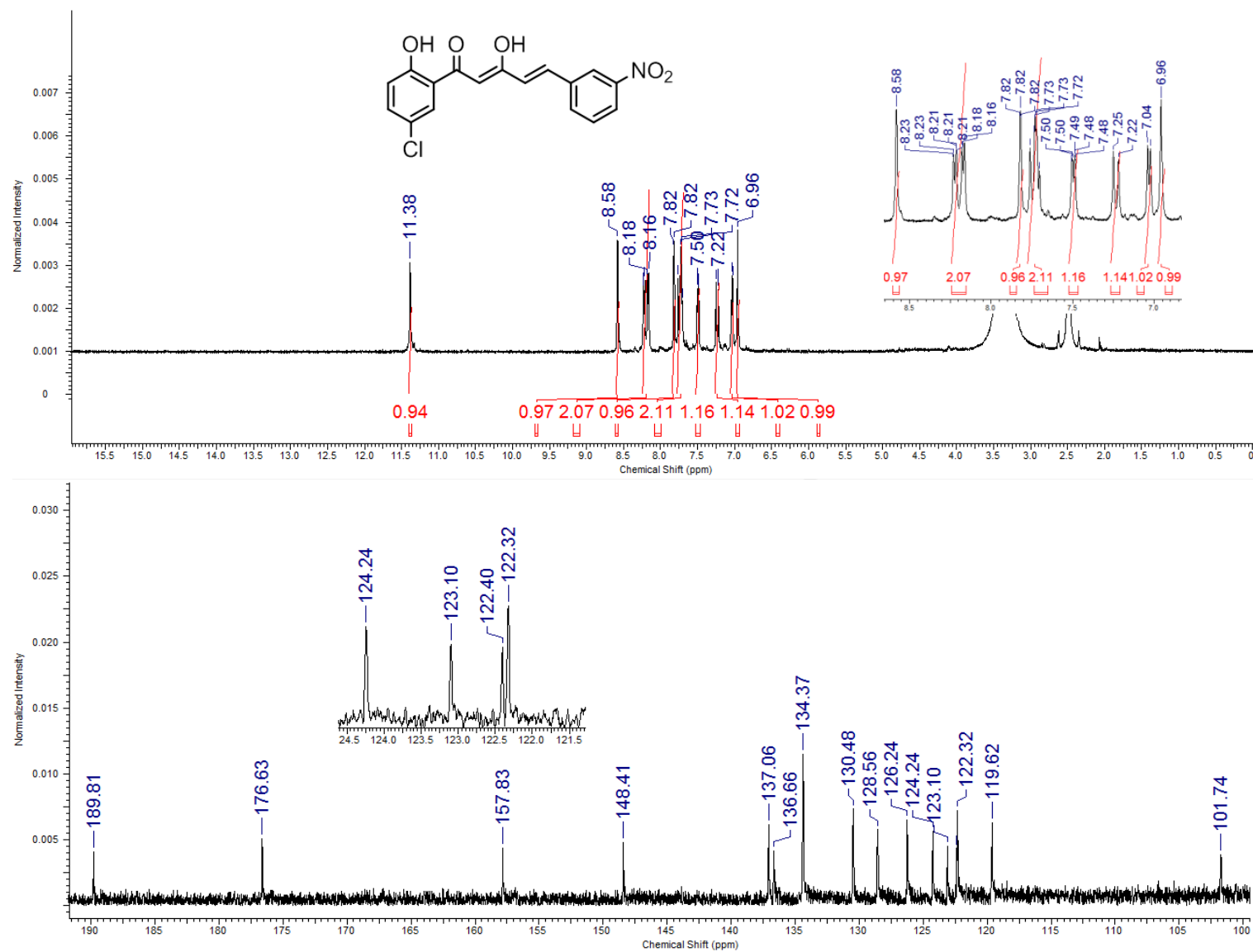


Figure S30. NMR spectra of compound 30.

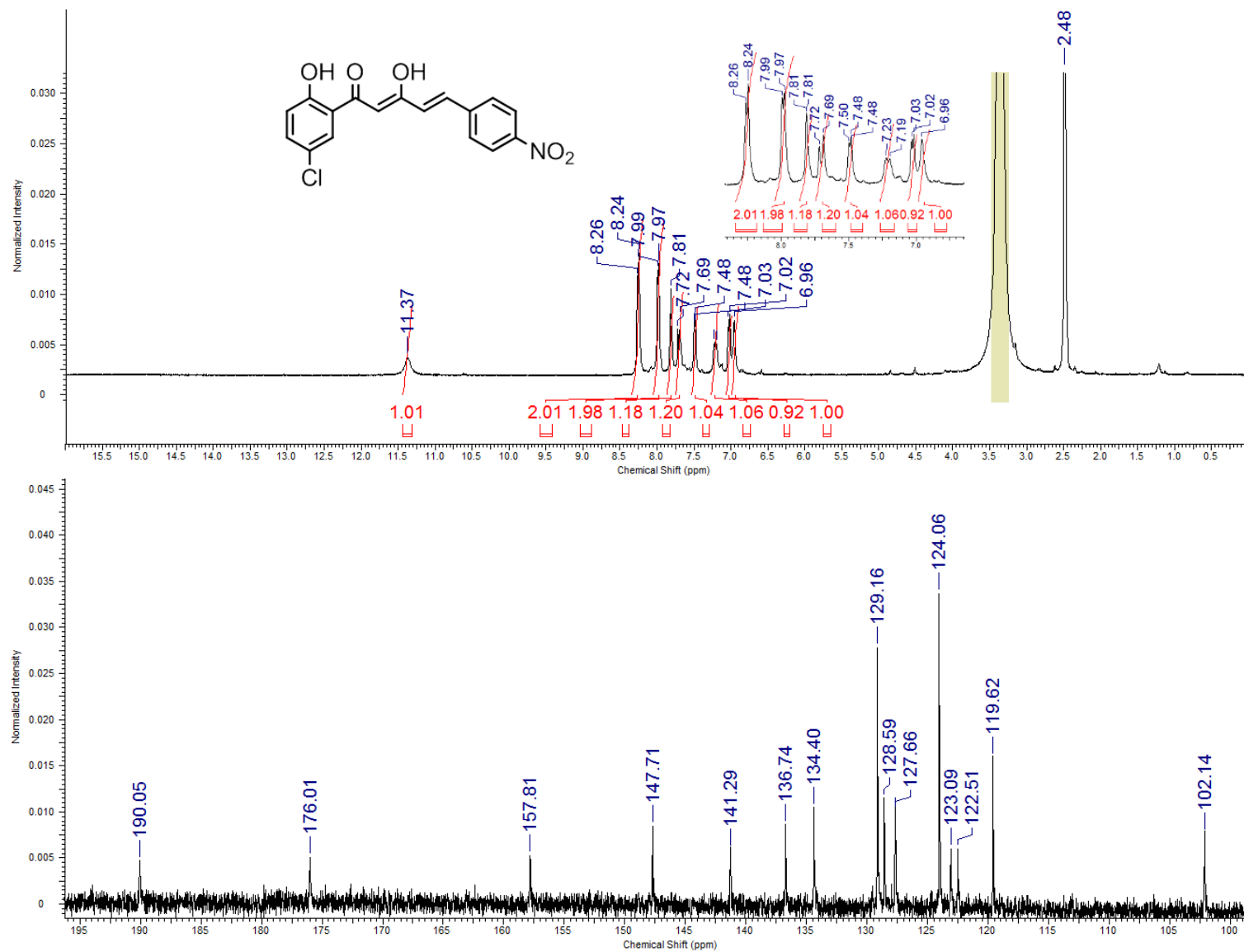


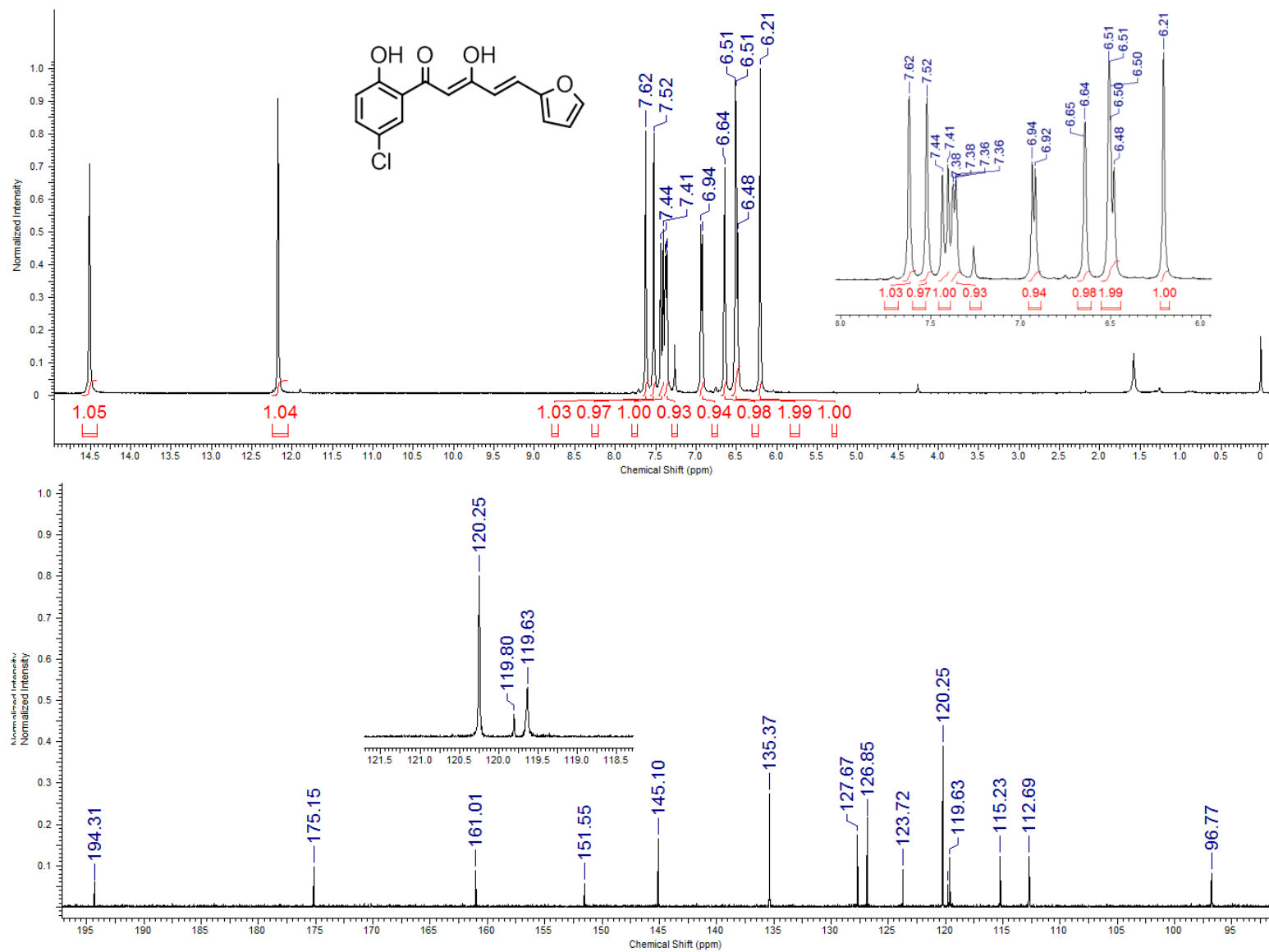
Figure S31. NMR spectra of compound **31**.

Figure S32. NMR spectra of compound 32.

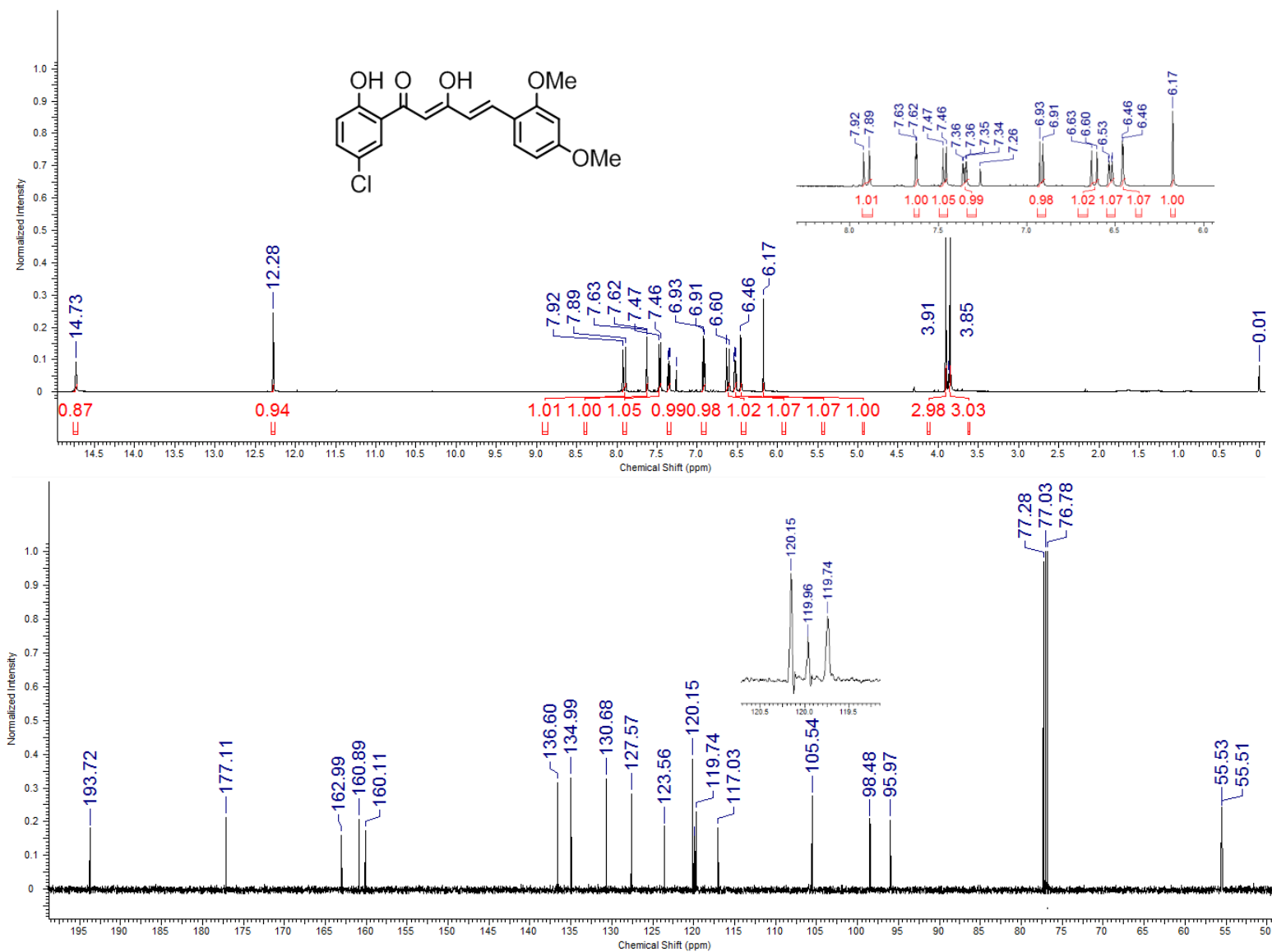


Figure S33. NMR spectra of compound 33.

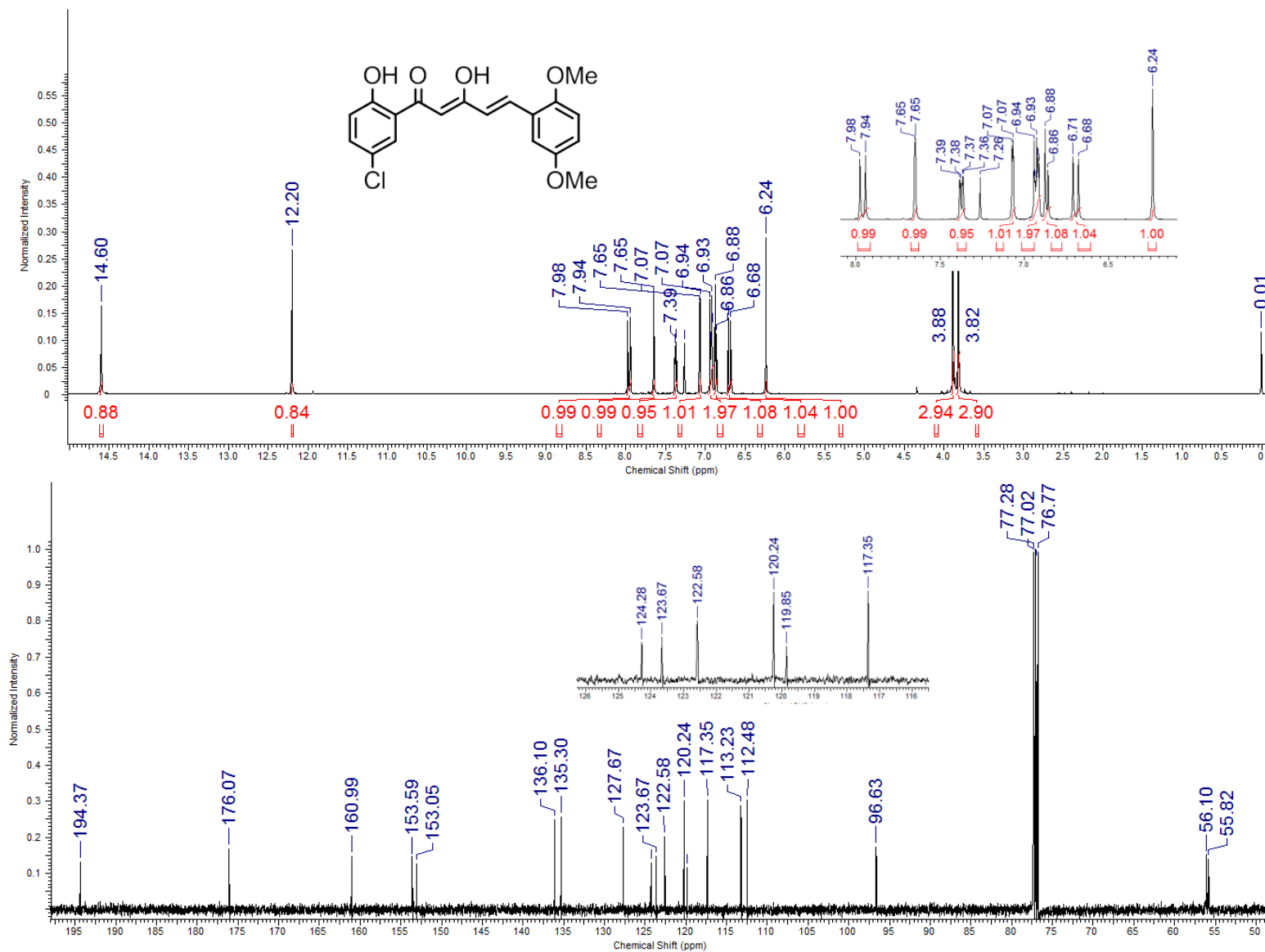


Figure S34. NMR spectra of compound 34.

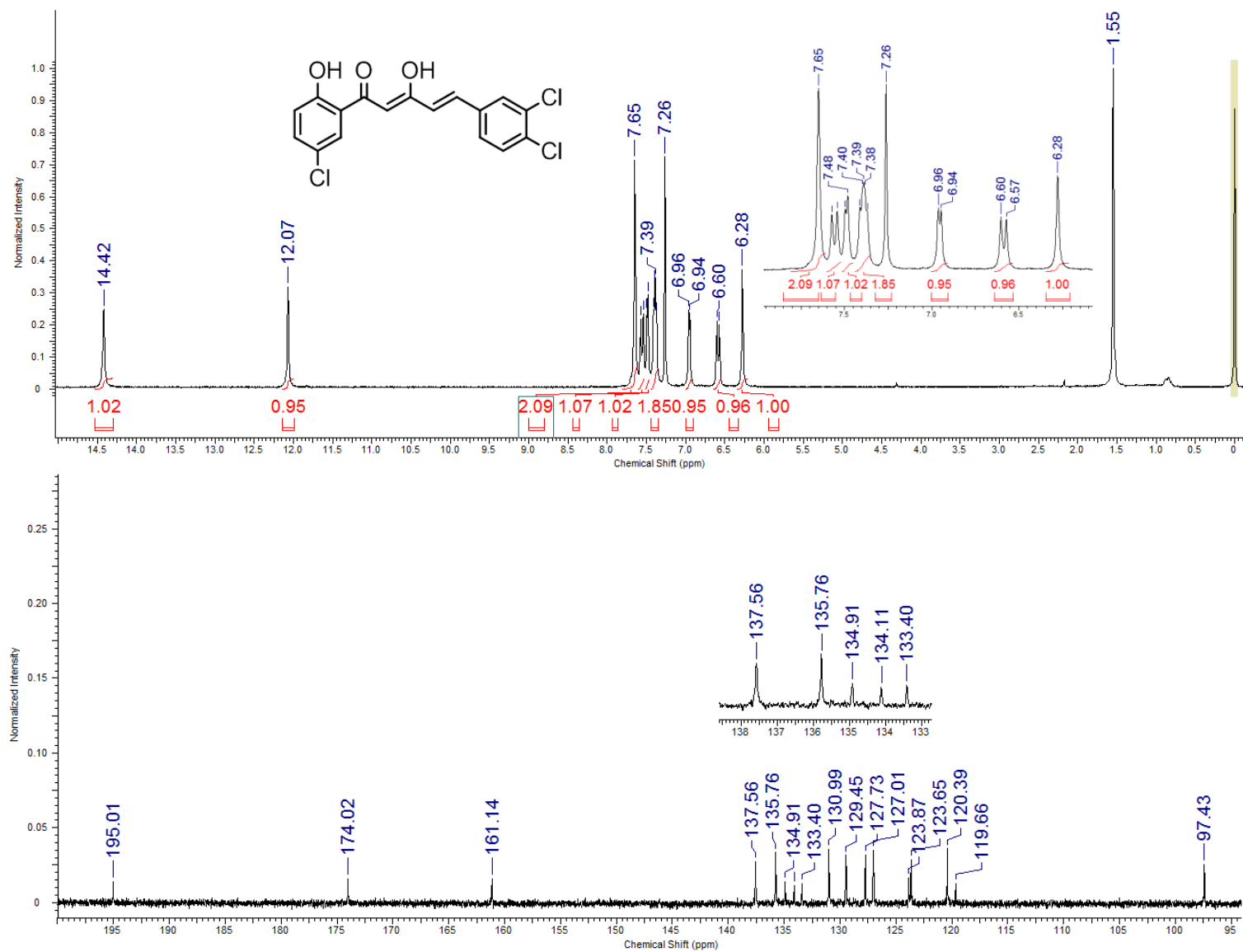


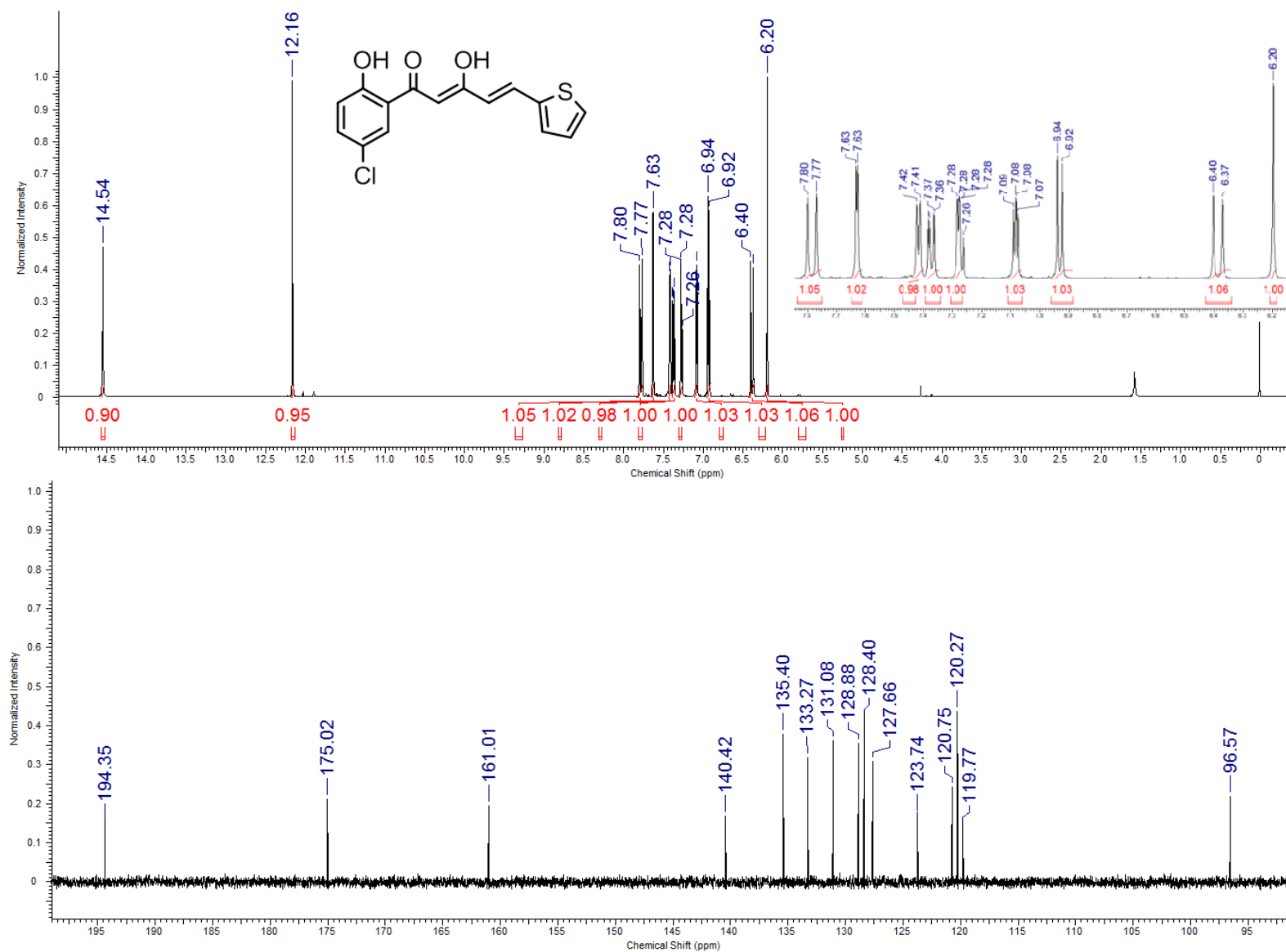
Figure S35. NMR spectra of compound **35**.

Figure S36. NMR spectra of compound 36.

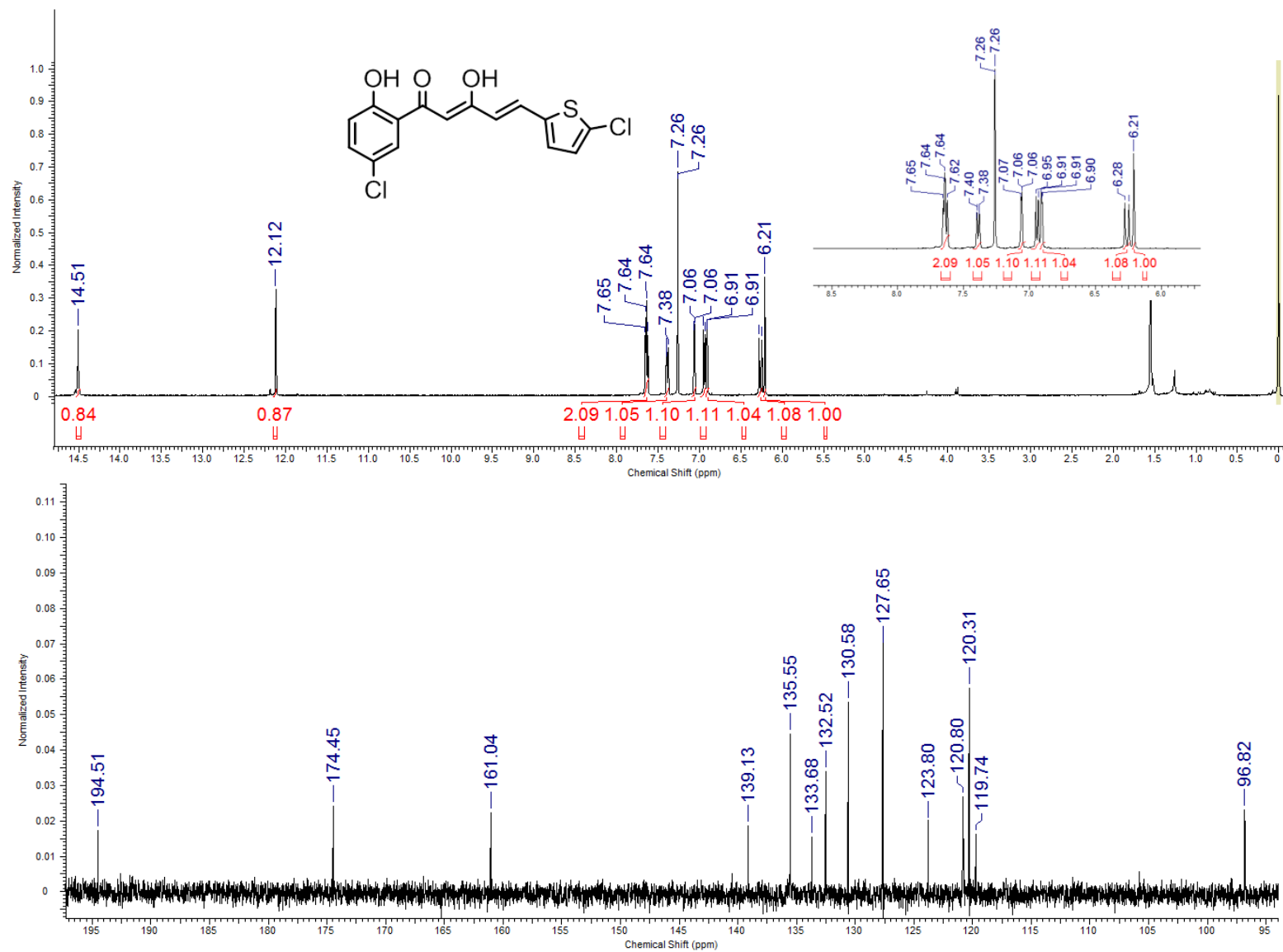


Figure S37. NMR spectra of compound 37.

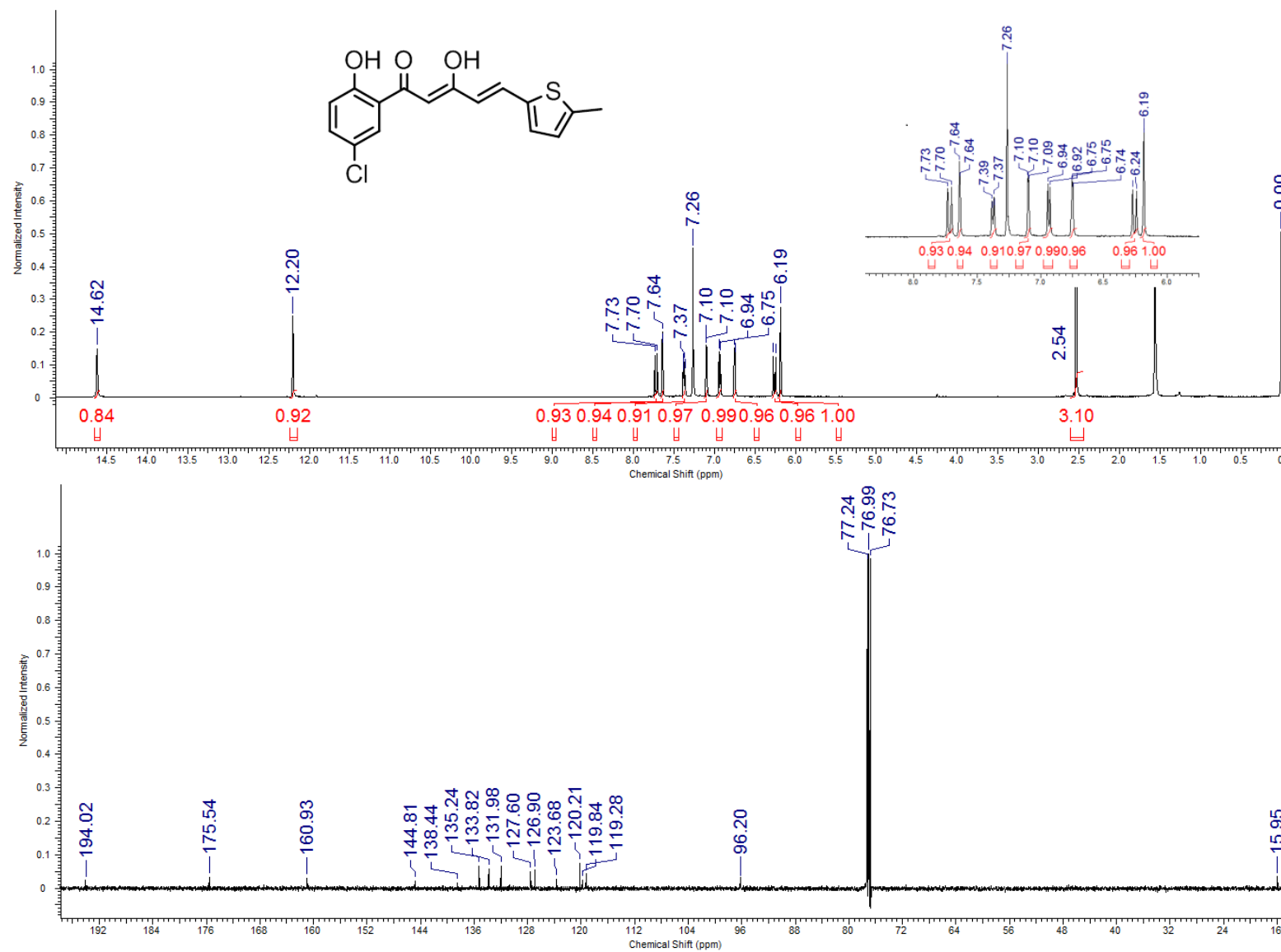


Figure S38. NMR spectra of compound 38.

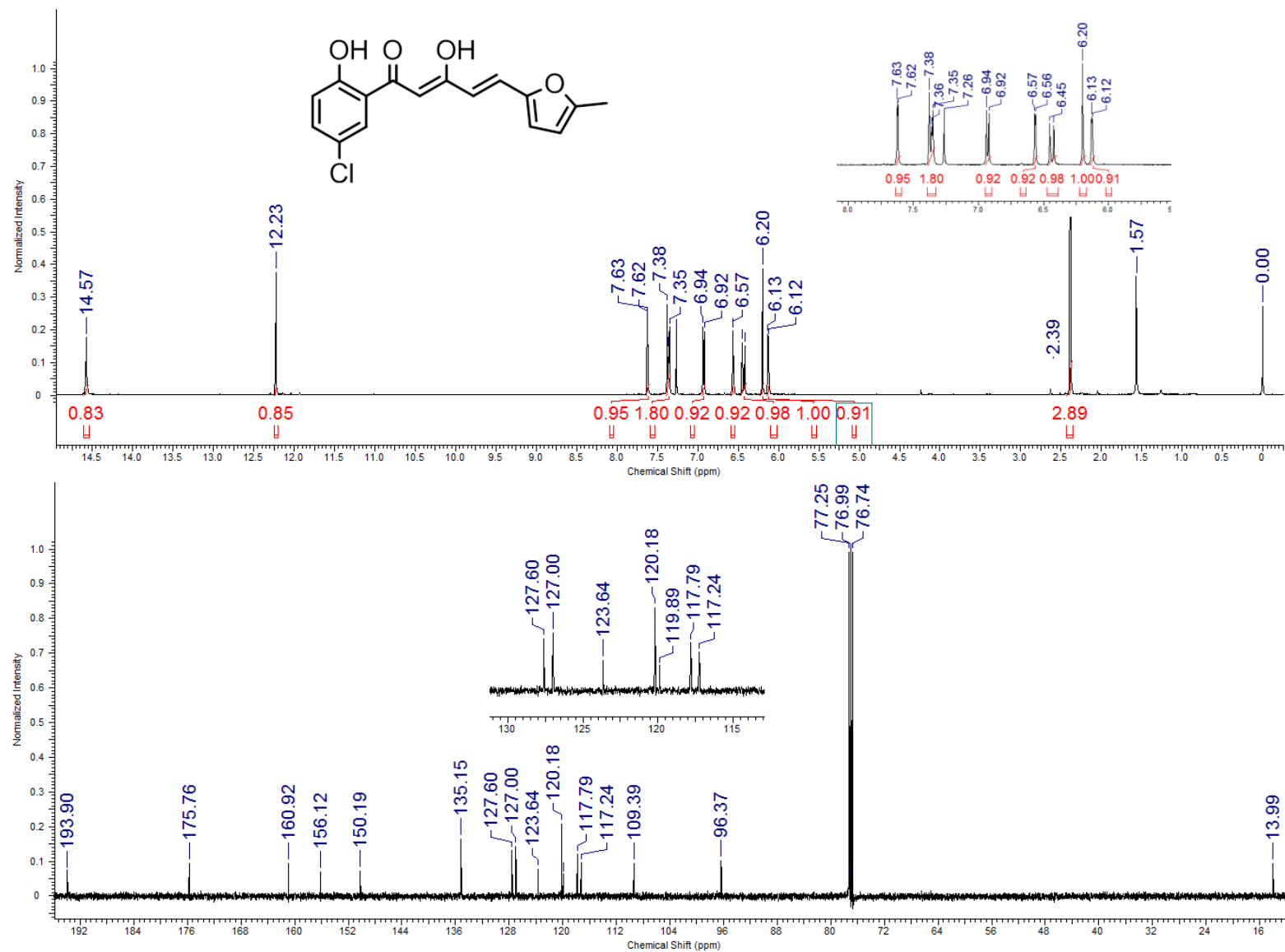


Figure S39. NMR spectra of compound 39.

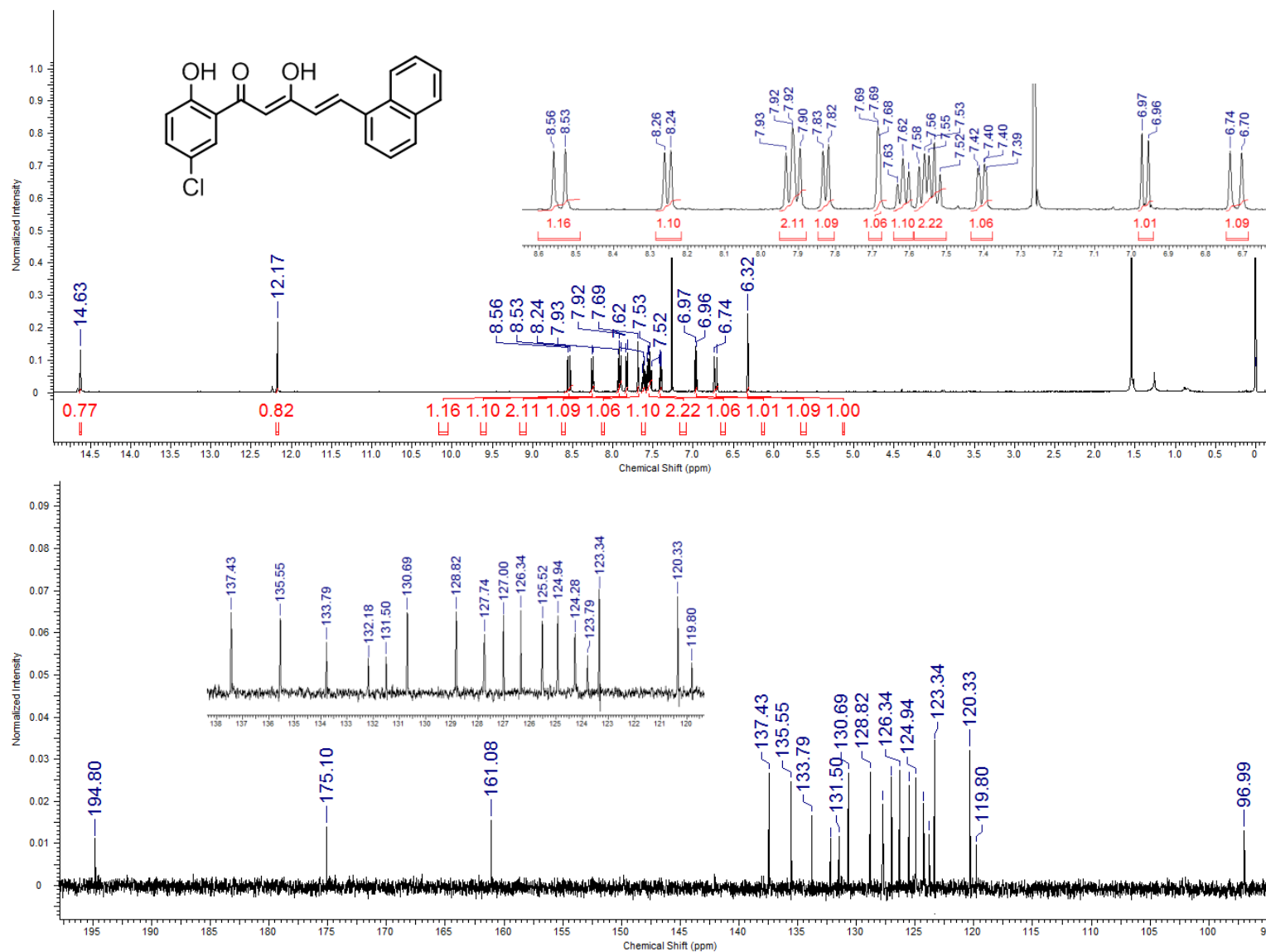


Figure S40. NMR spectra of compound 40.

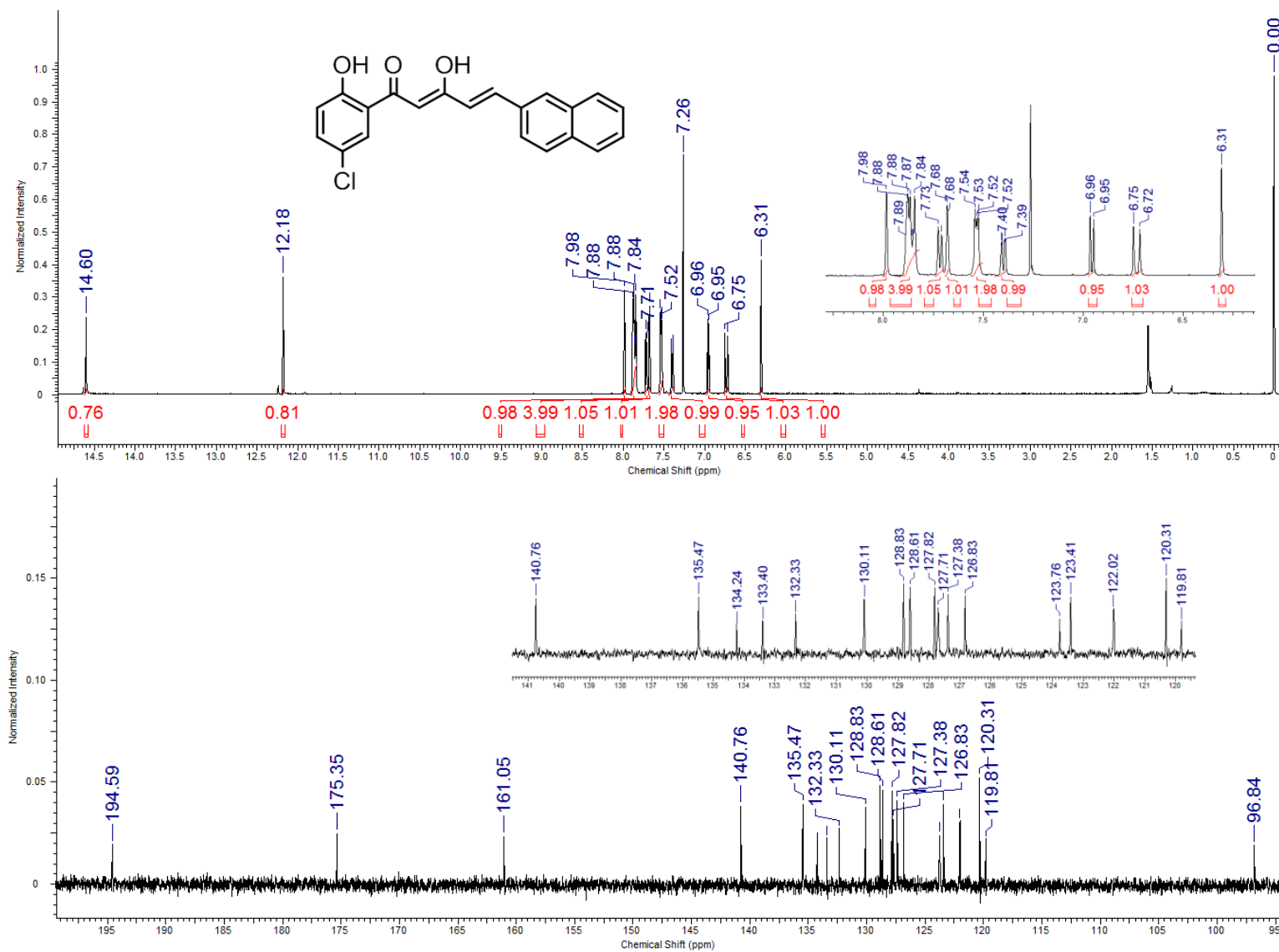


Figure S41. NMR spectra of compound 41.

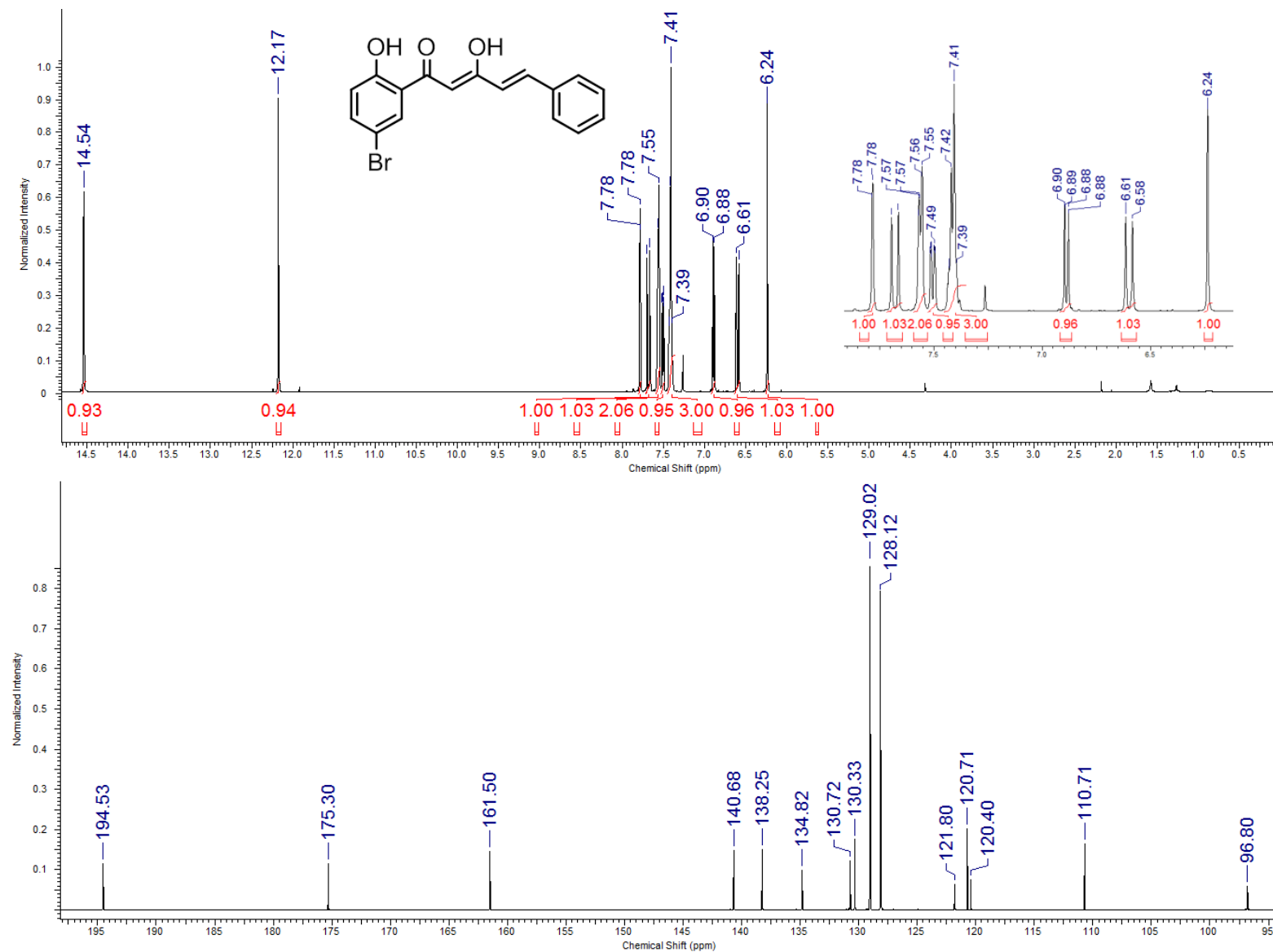


Figure S42. NMR spectra of compound 42.

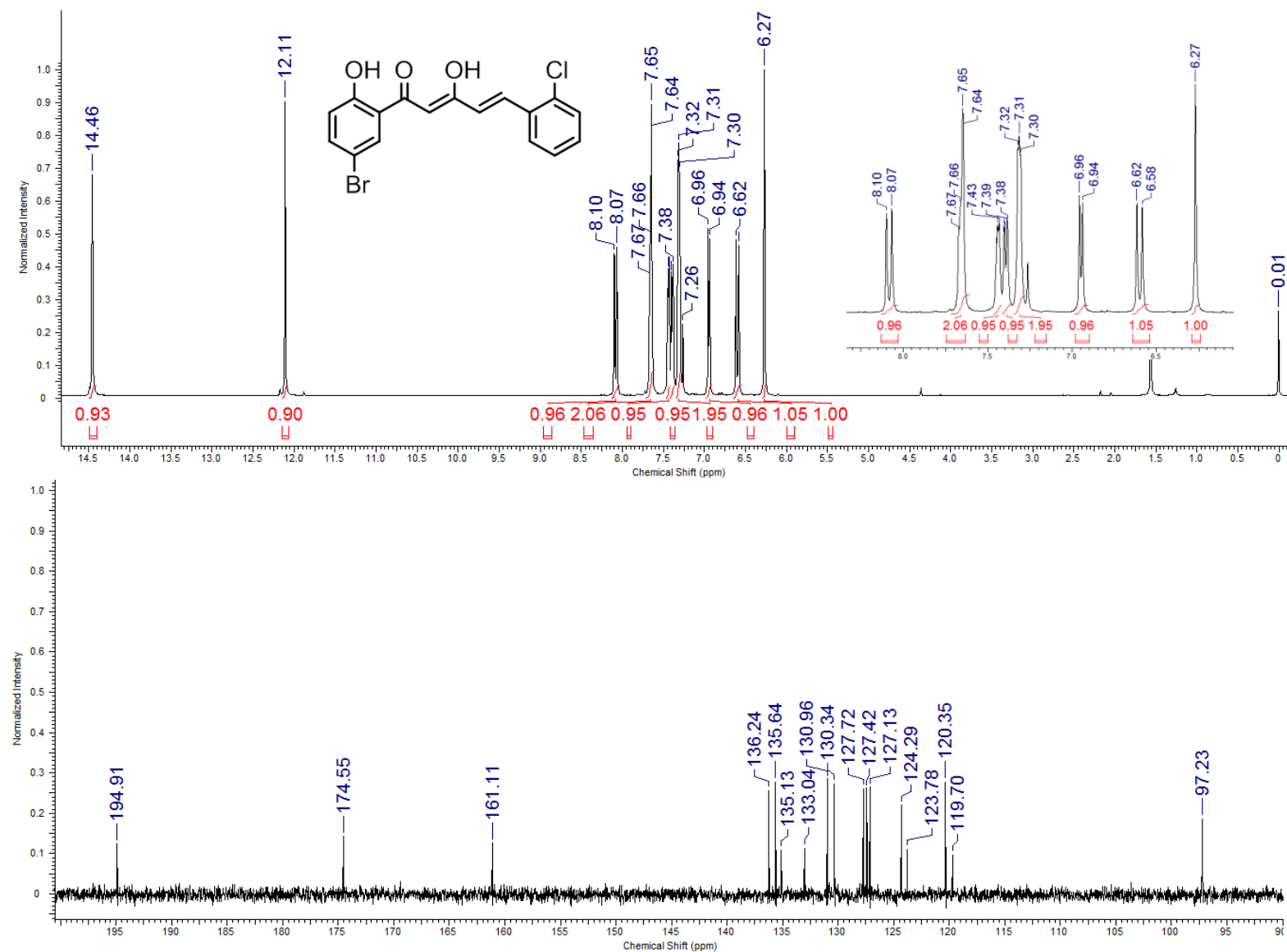


Figure S43. NMR spectra of compound 43.

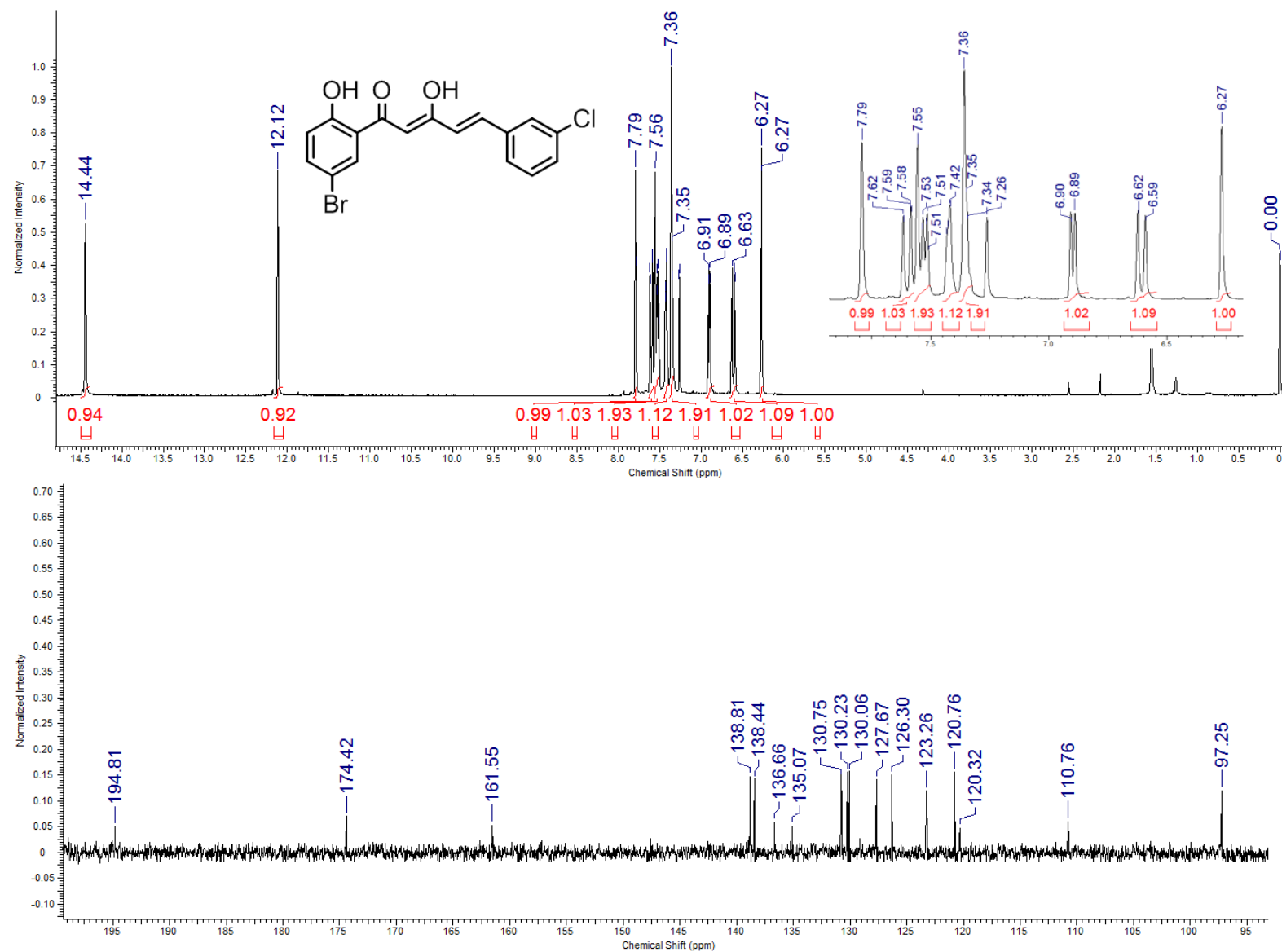


Figure S44. NMR spectra of compound 44.

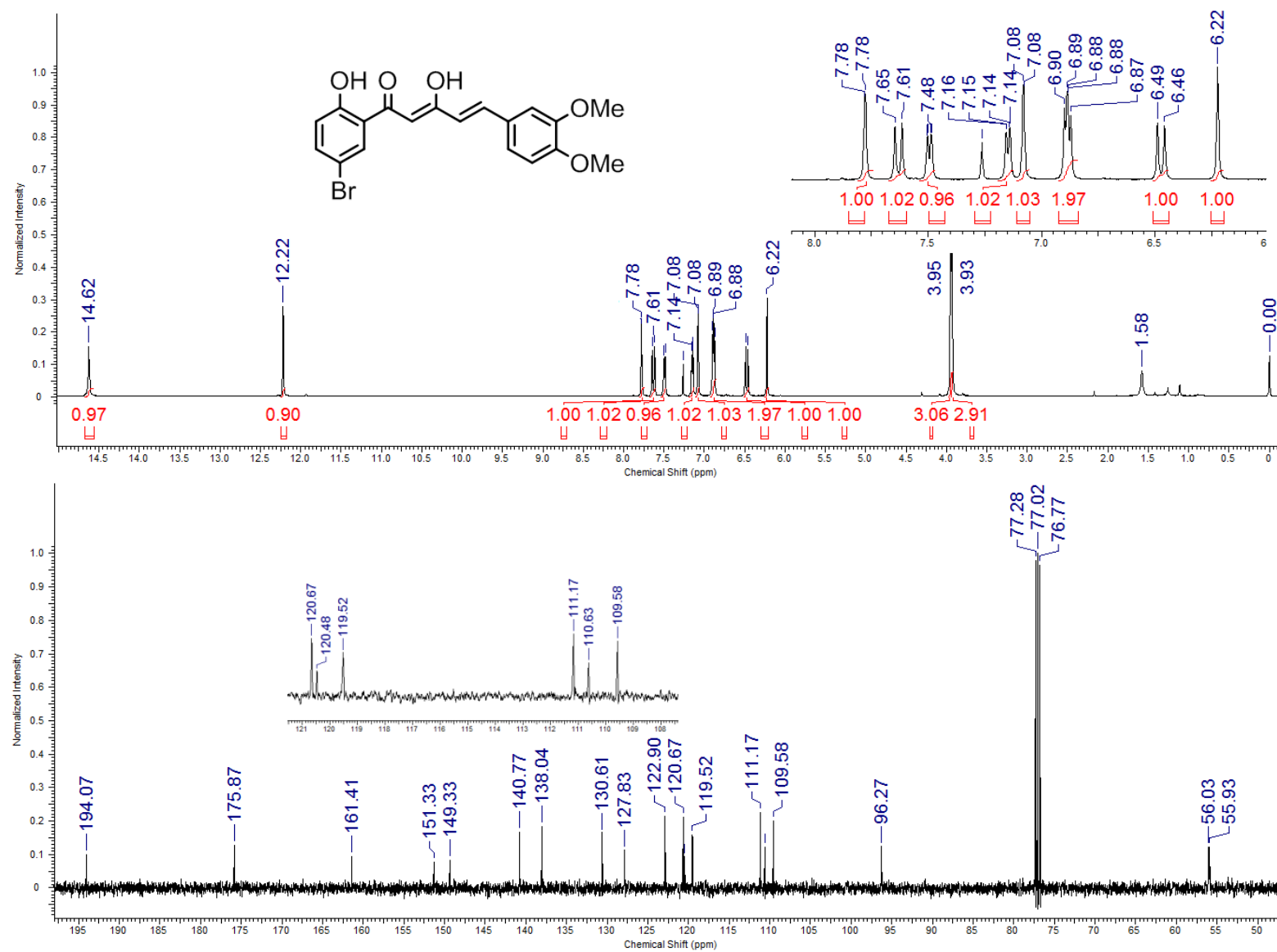


Figure S45. NMR spectra of compound 45.

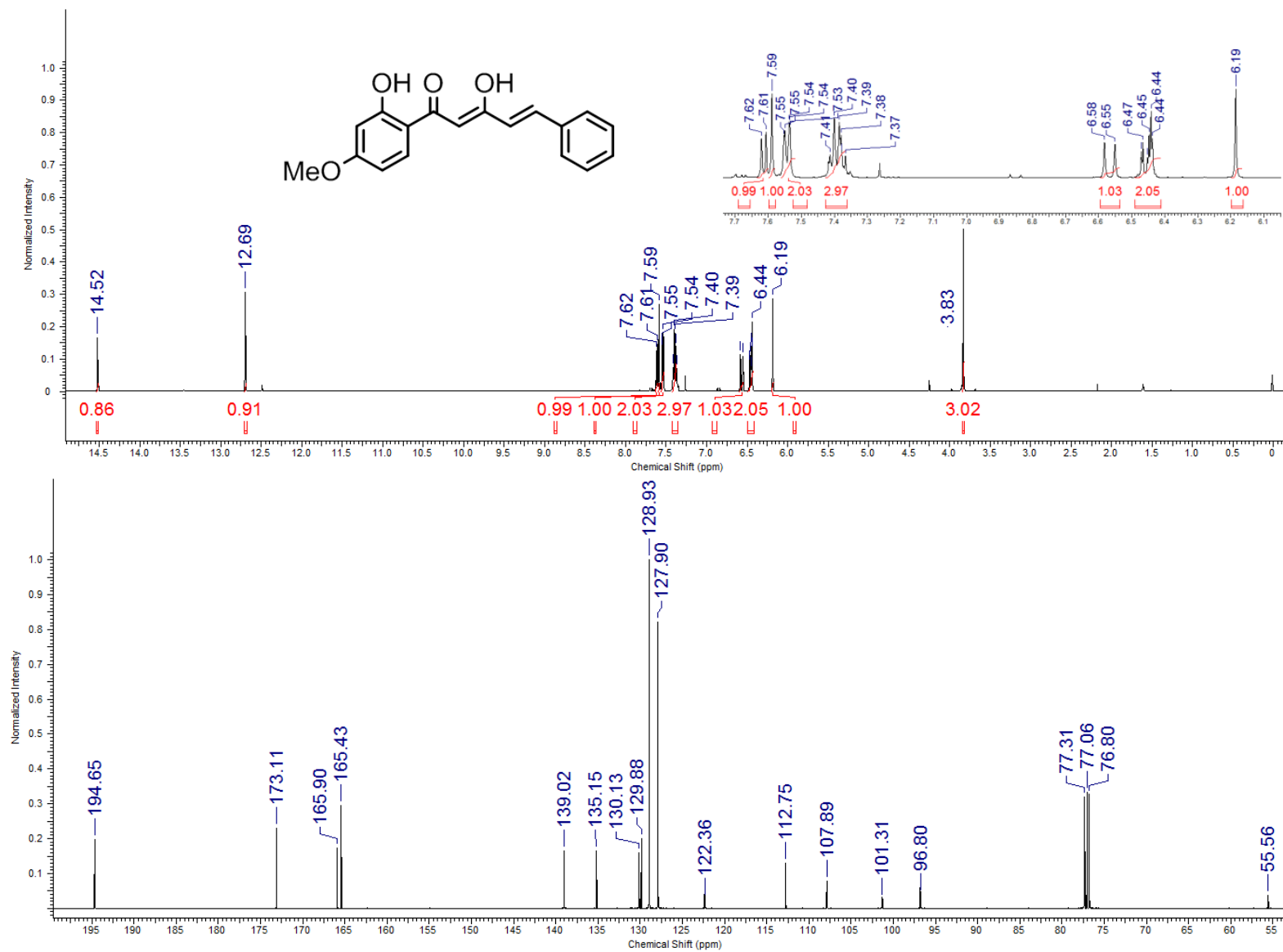


Figure S46. NMR spectra of compound 46.

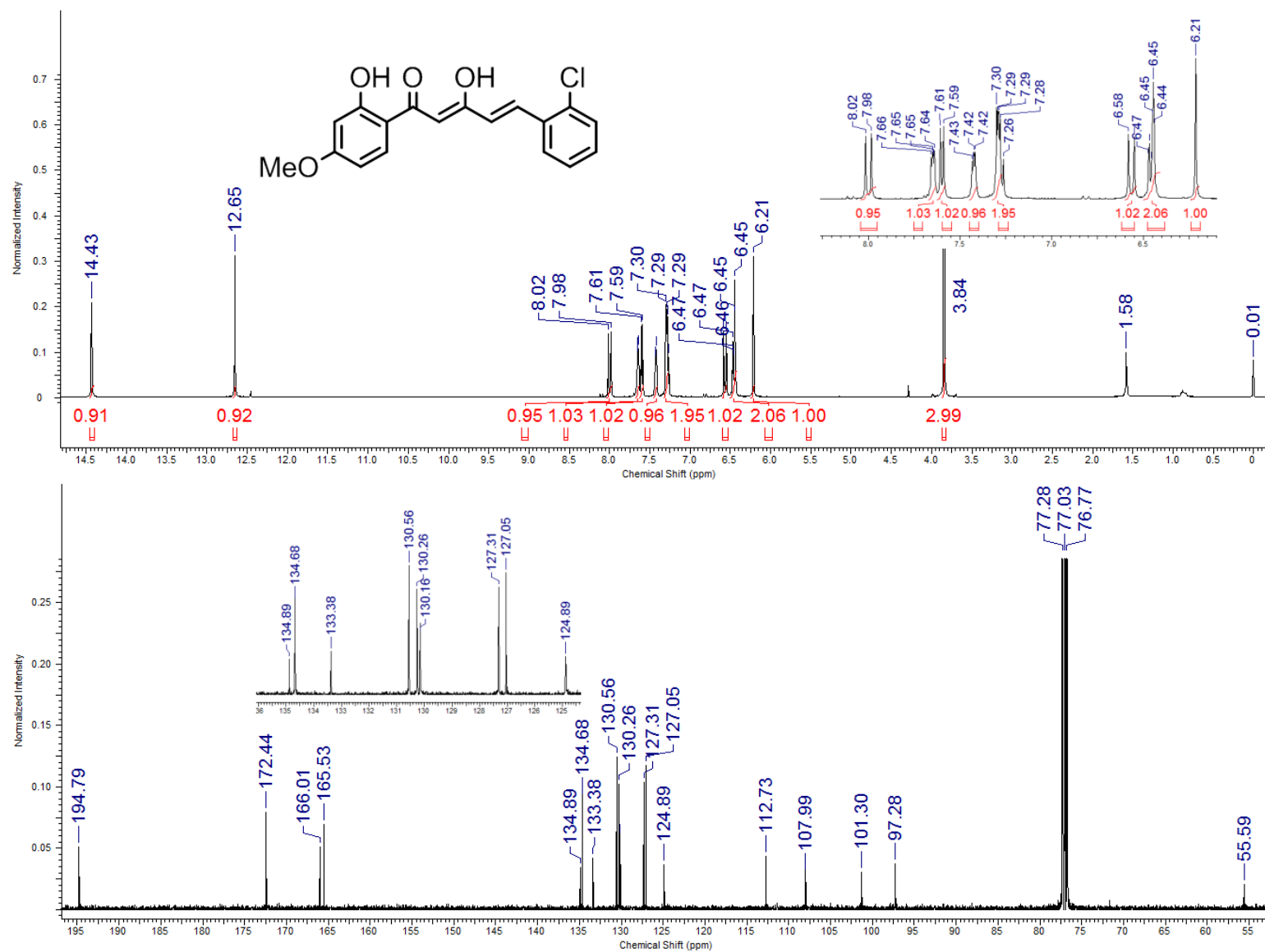


Figure S47. NMR spectra of compound 47.

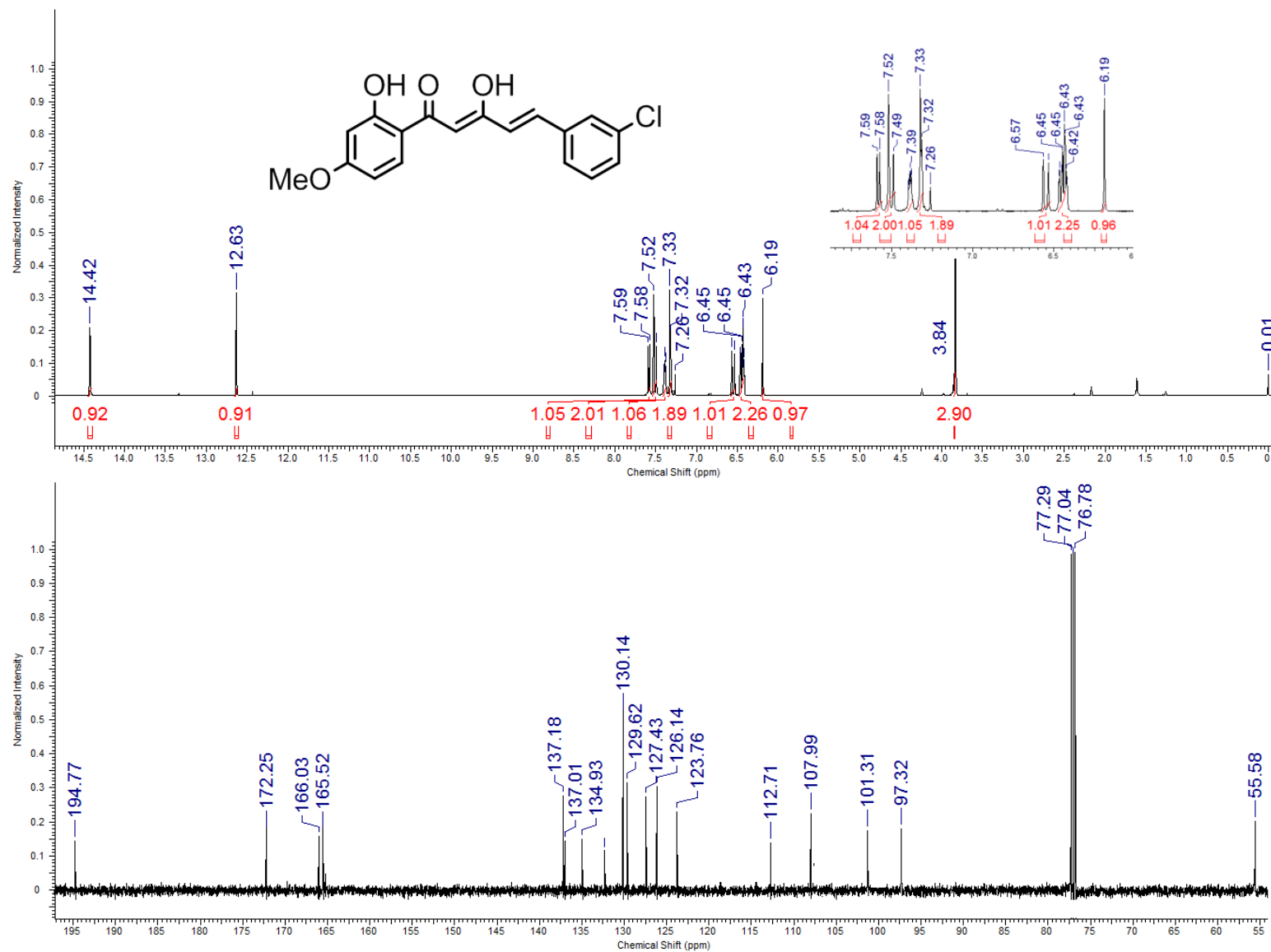


Figure S48. NMR spectra of compound 48.

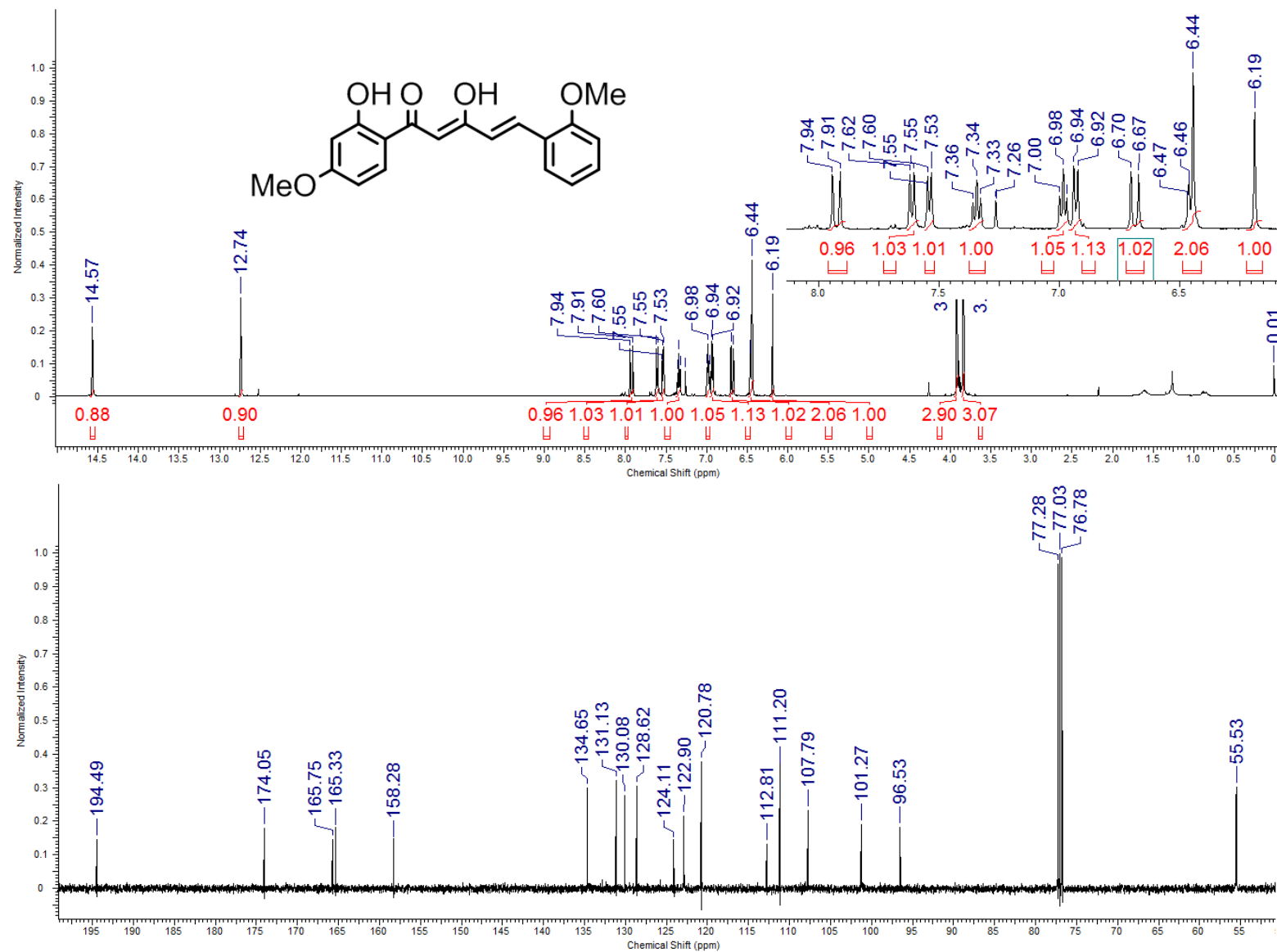


Figure S49. NMR spectra of compound 49.

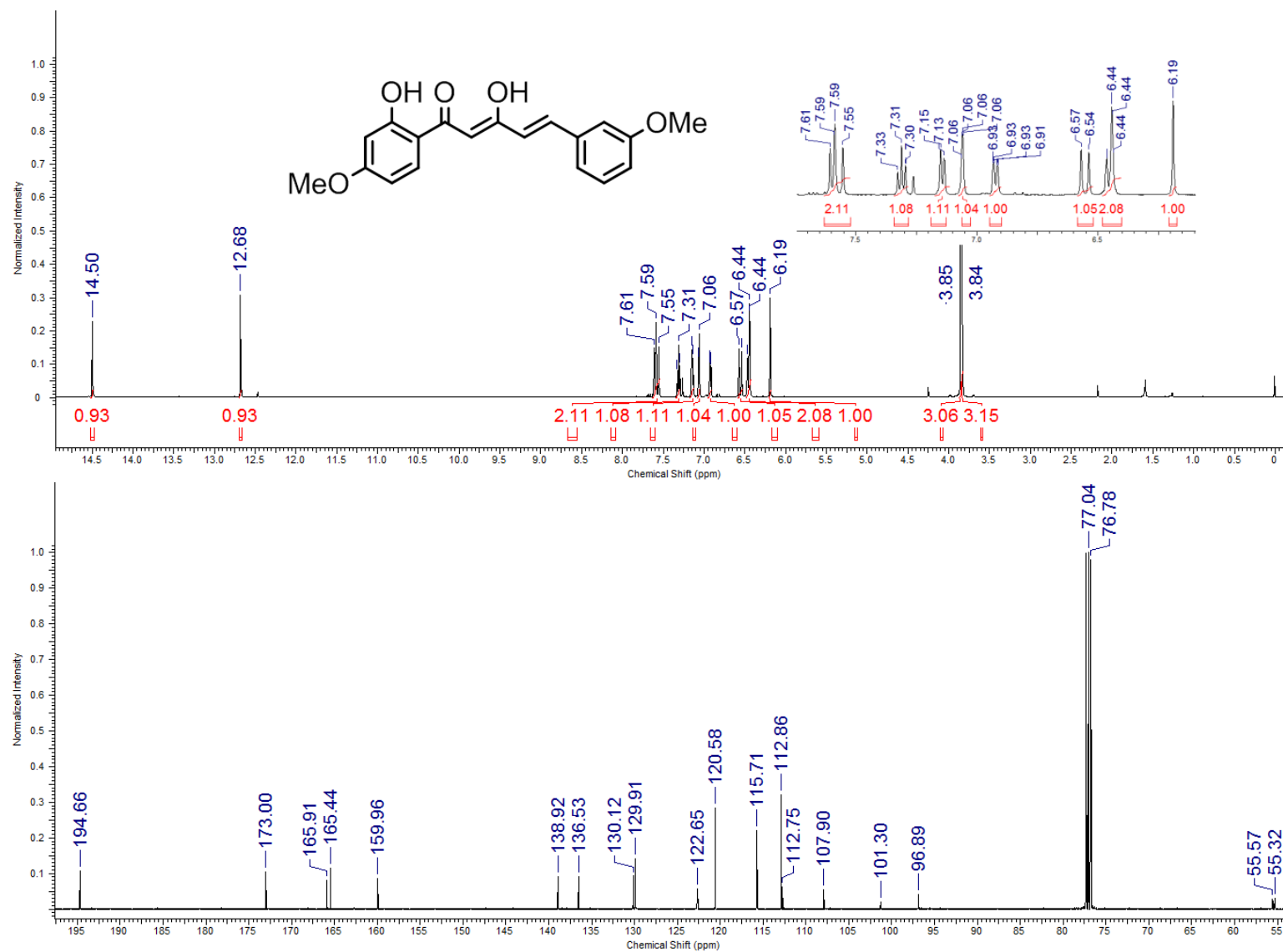


Figure S50. NMR spectra of compound 50.

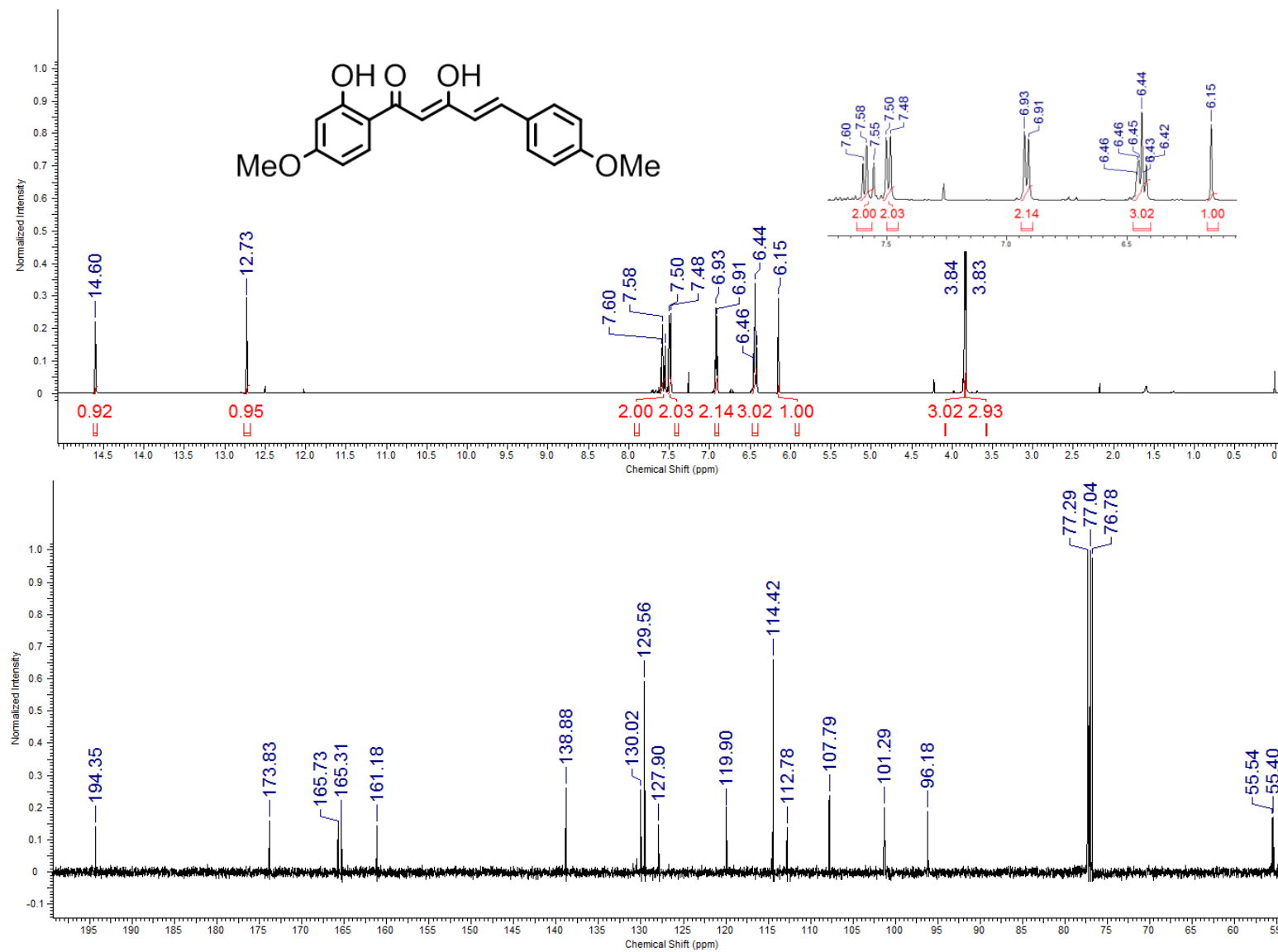


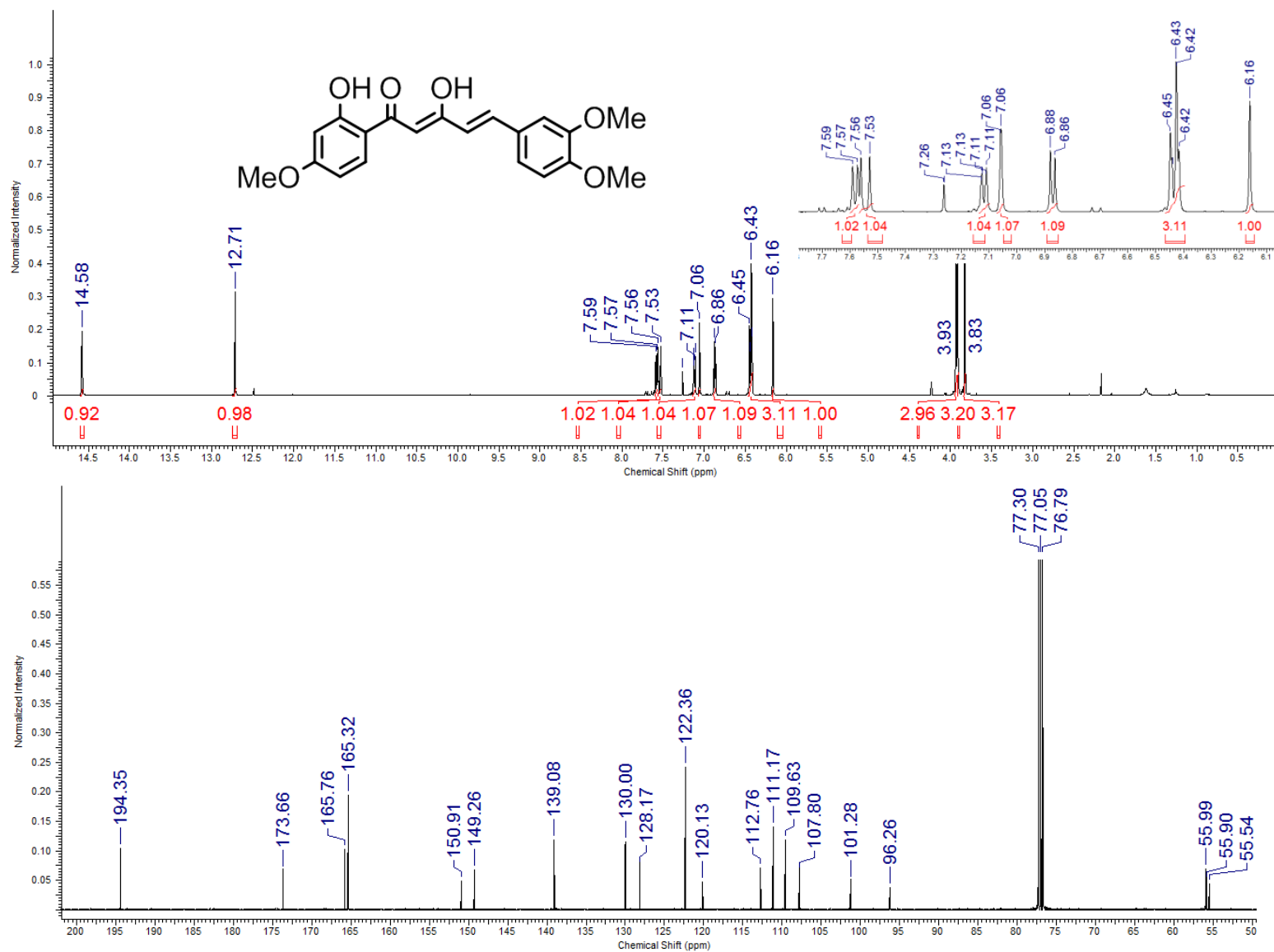
Figure S51. NMR spectra of compound **51**.

Figure S52. NMR spectra of compound 52.

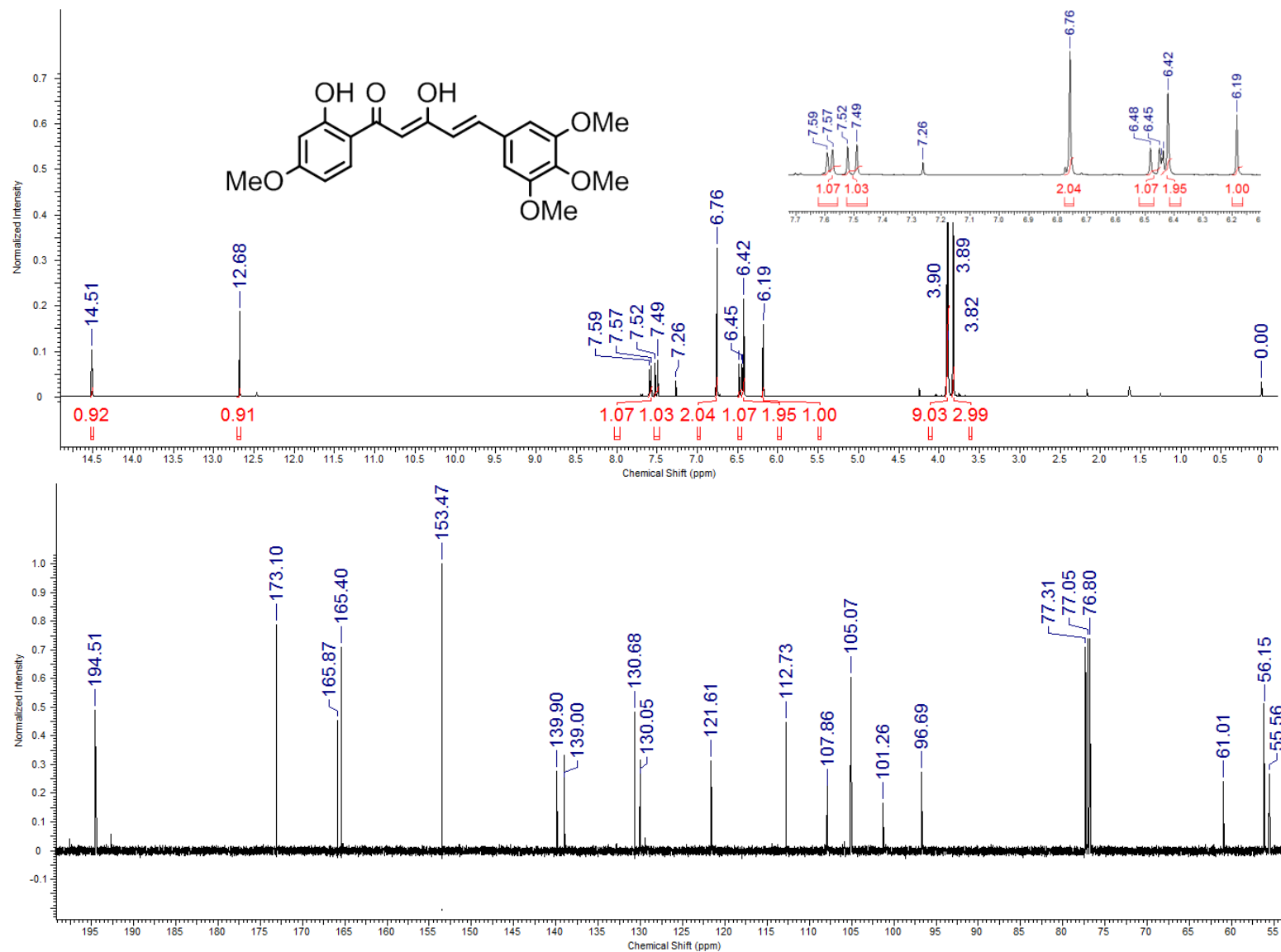


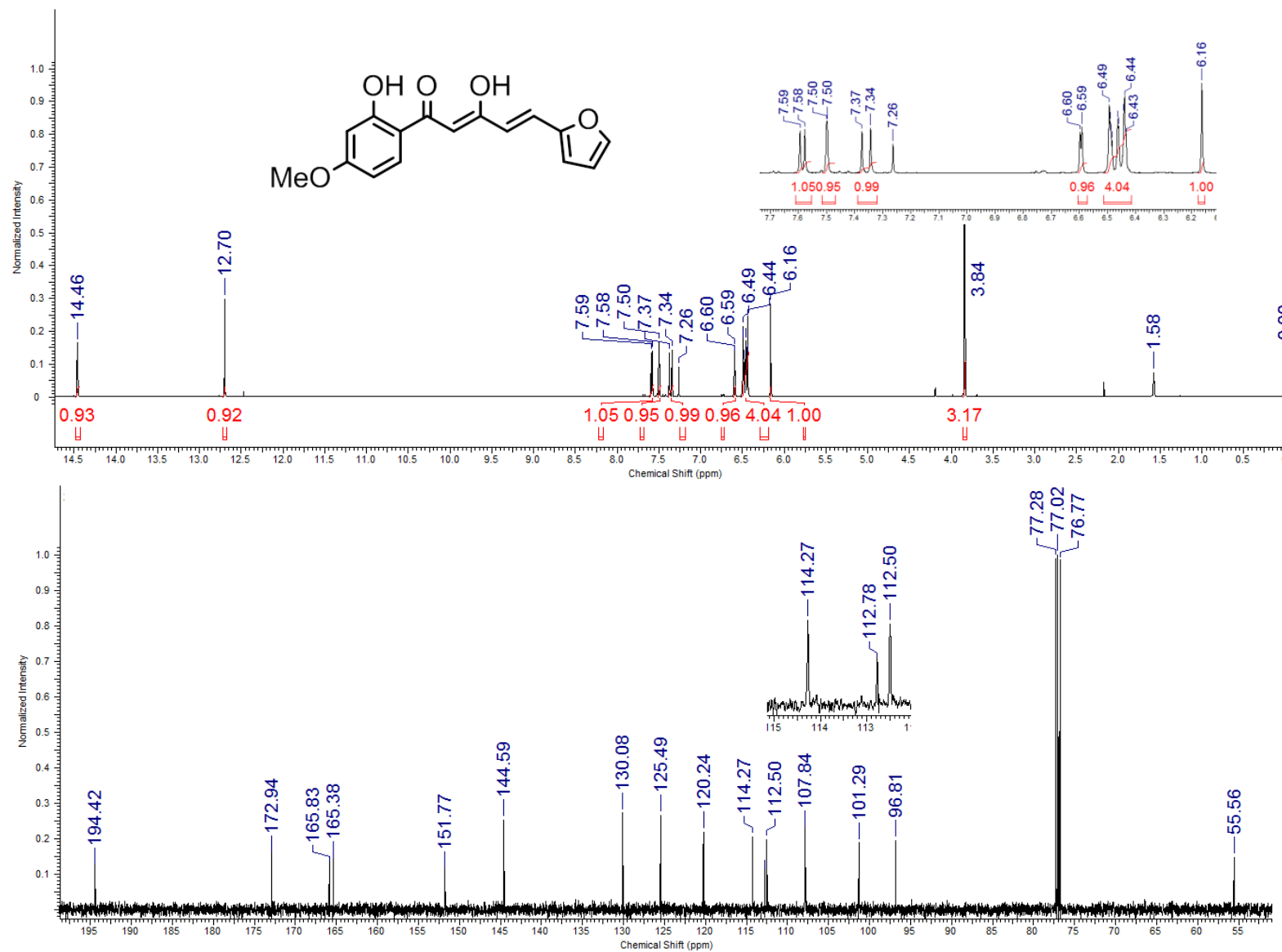
Figure S53. NMR spectra of compound **53**.

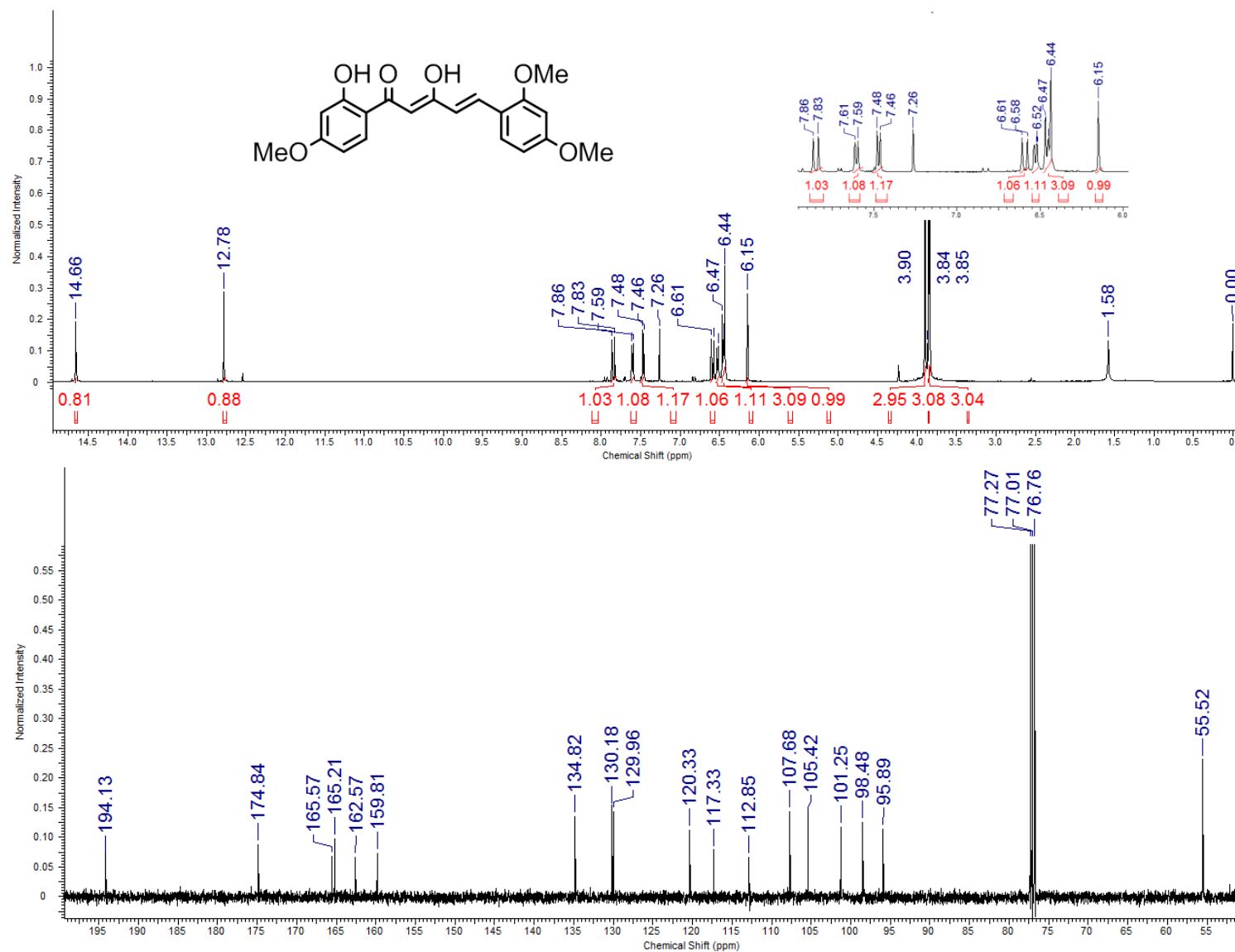
Figure S54. NMR spectra of compound **54**.

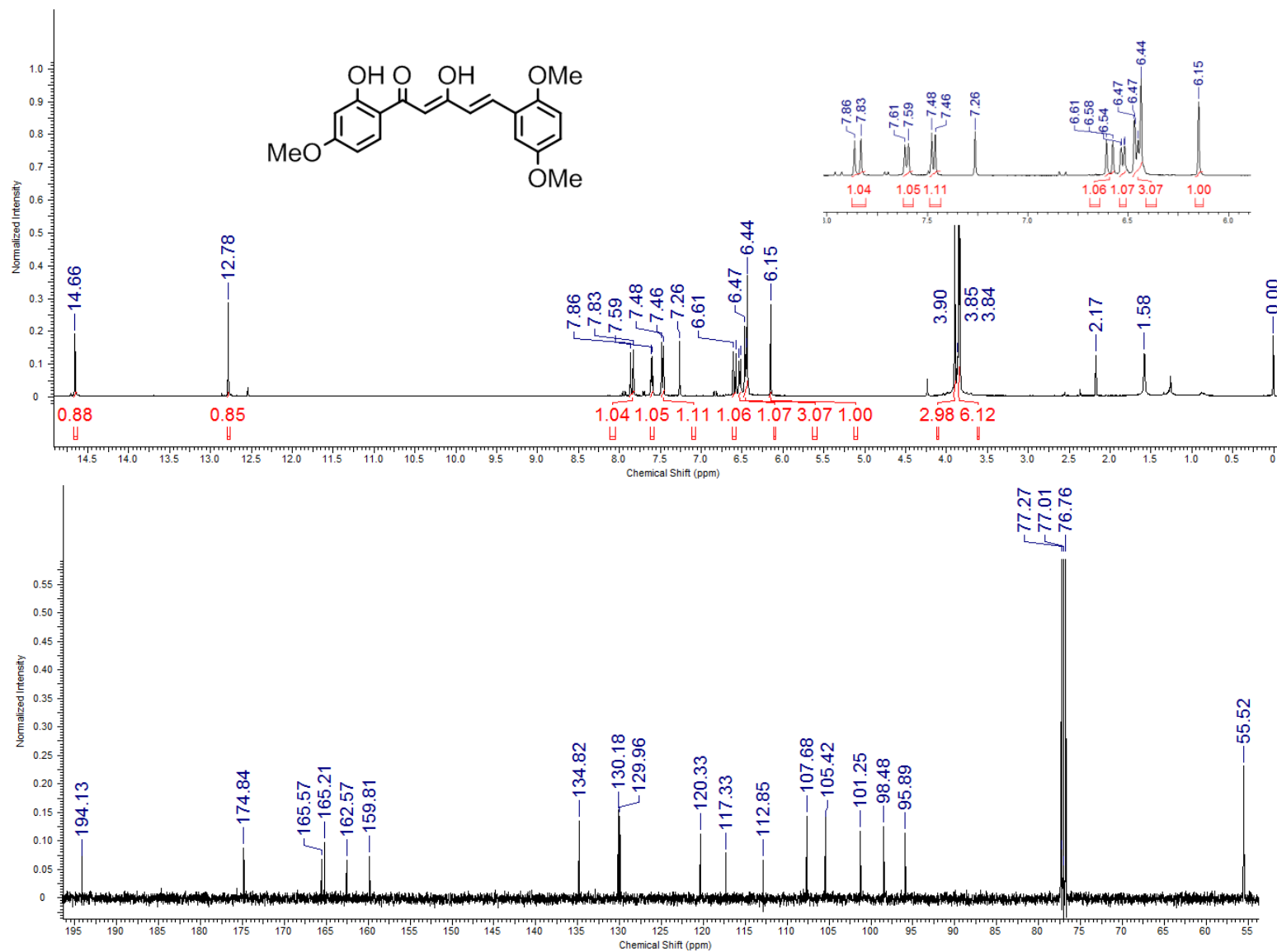
Figure S55. NMR spectra of compound **55**.

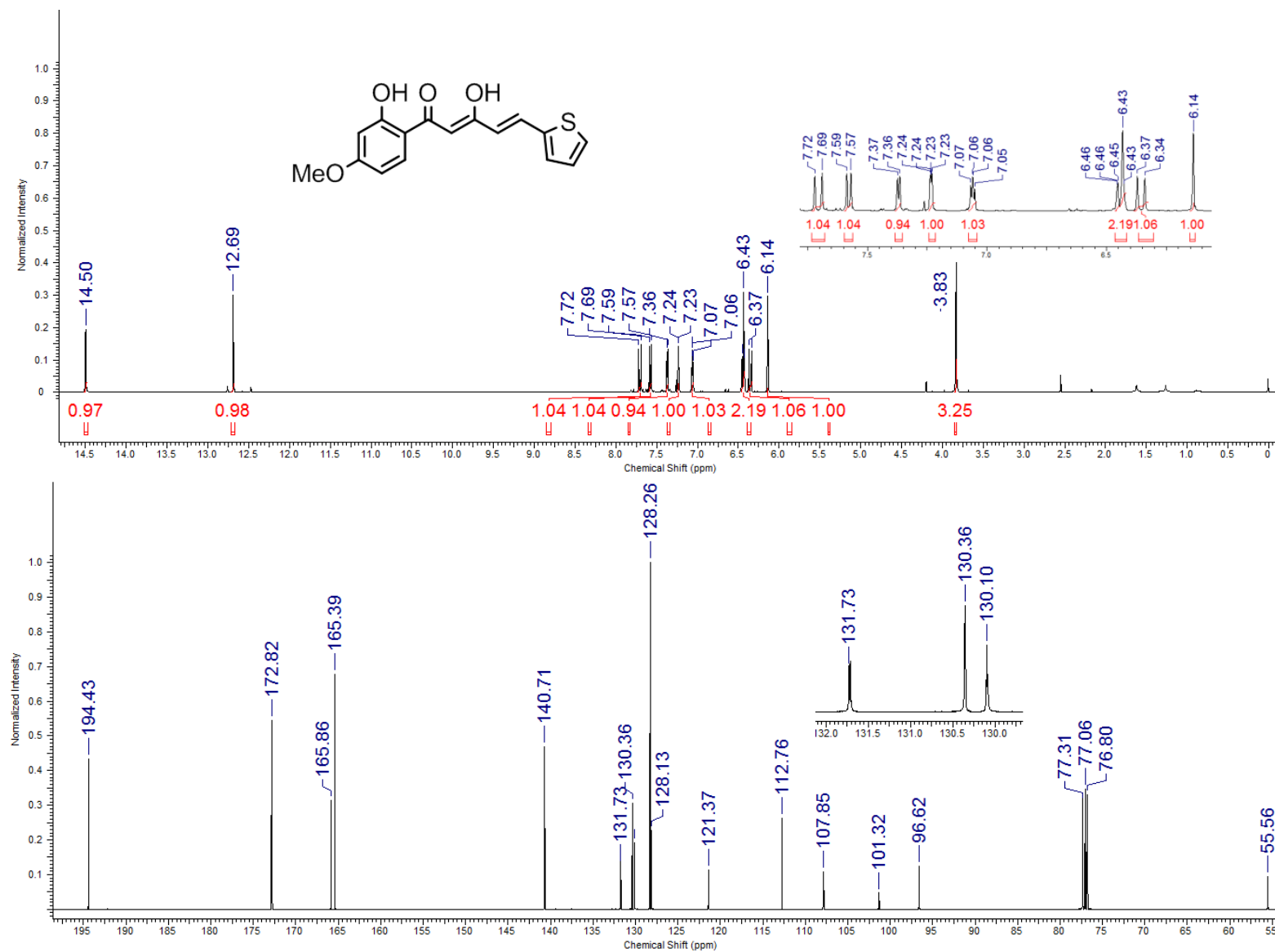
Figure S56. NMR spectra of compound **56**.

Figure S57. NMR spectra of compound 57.

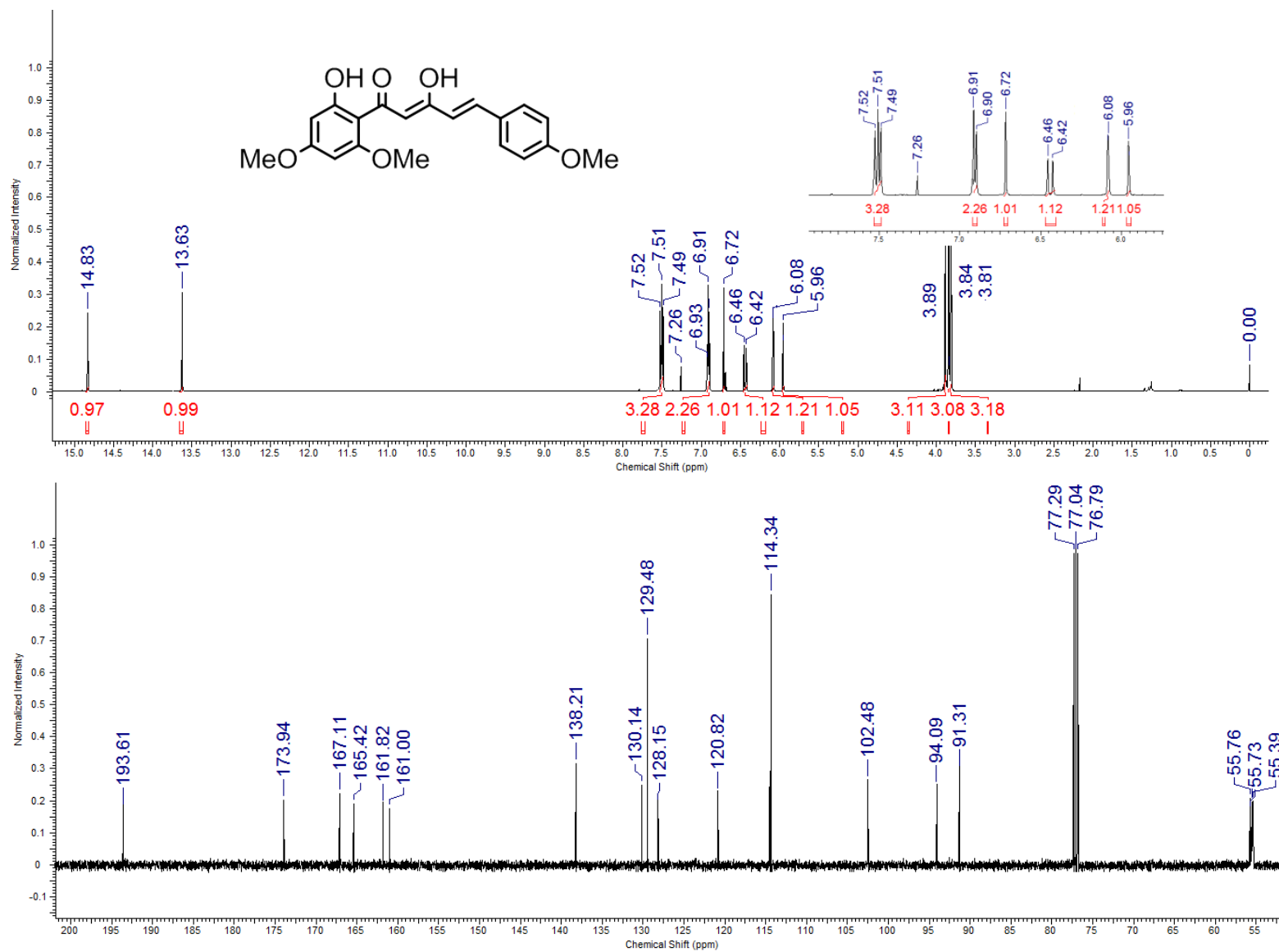


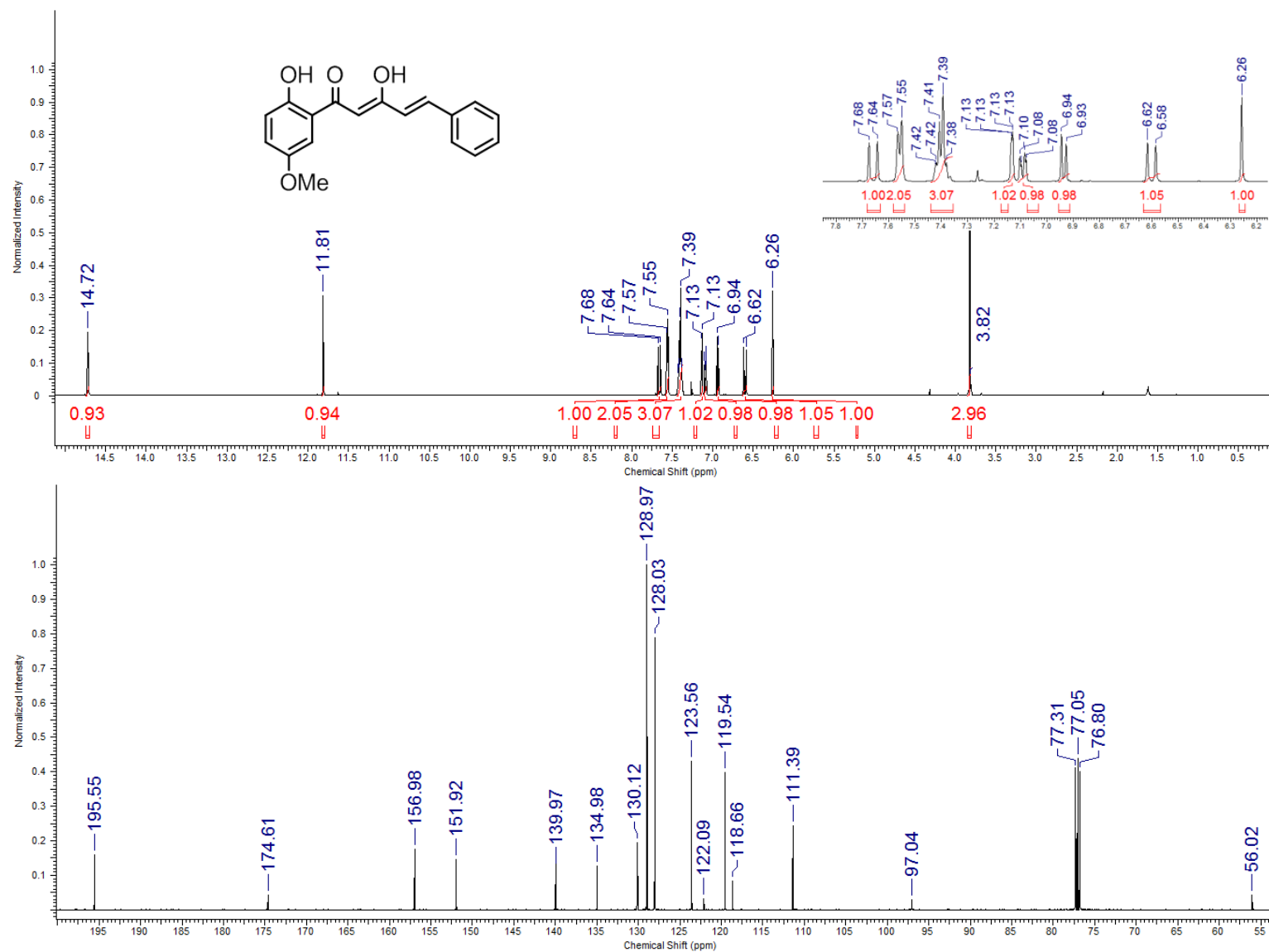
Figure S58. NMR spectra of compound **58**.

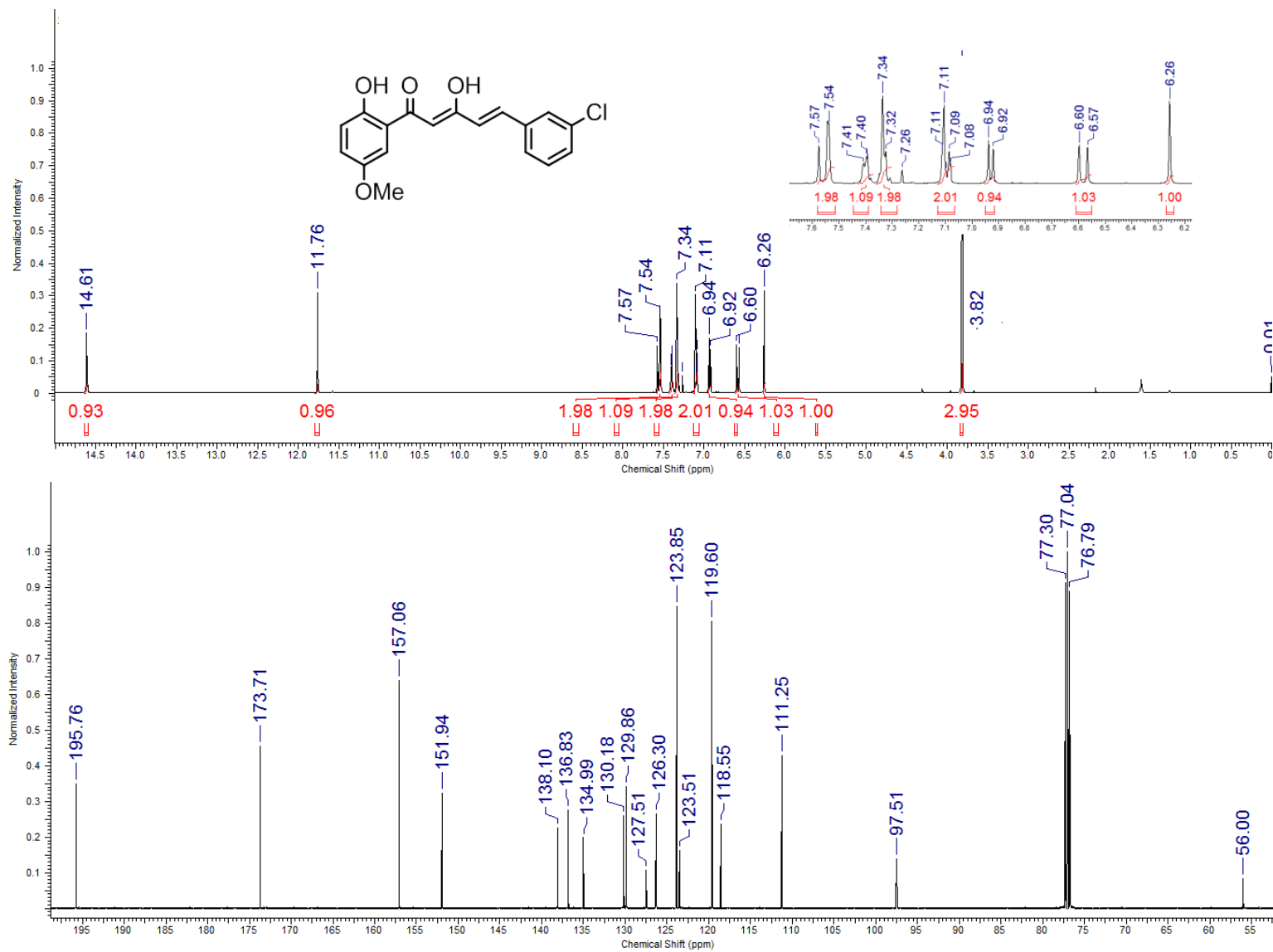
Figure S59. NMR spectra of compound **59**.

Figure S60. NMR spectra of compound 60.

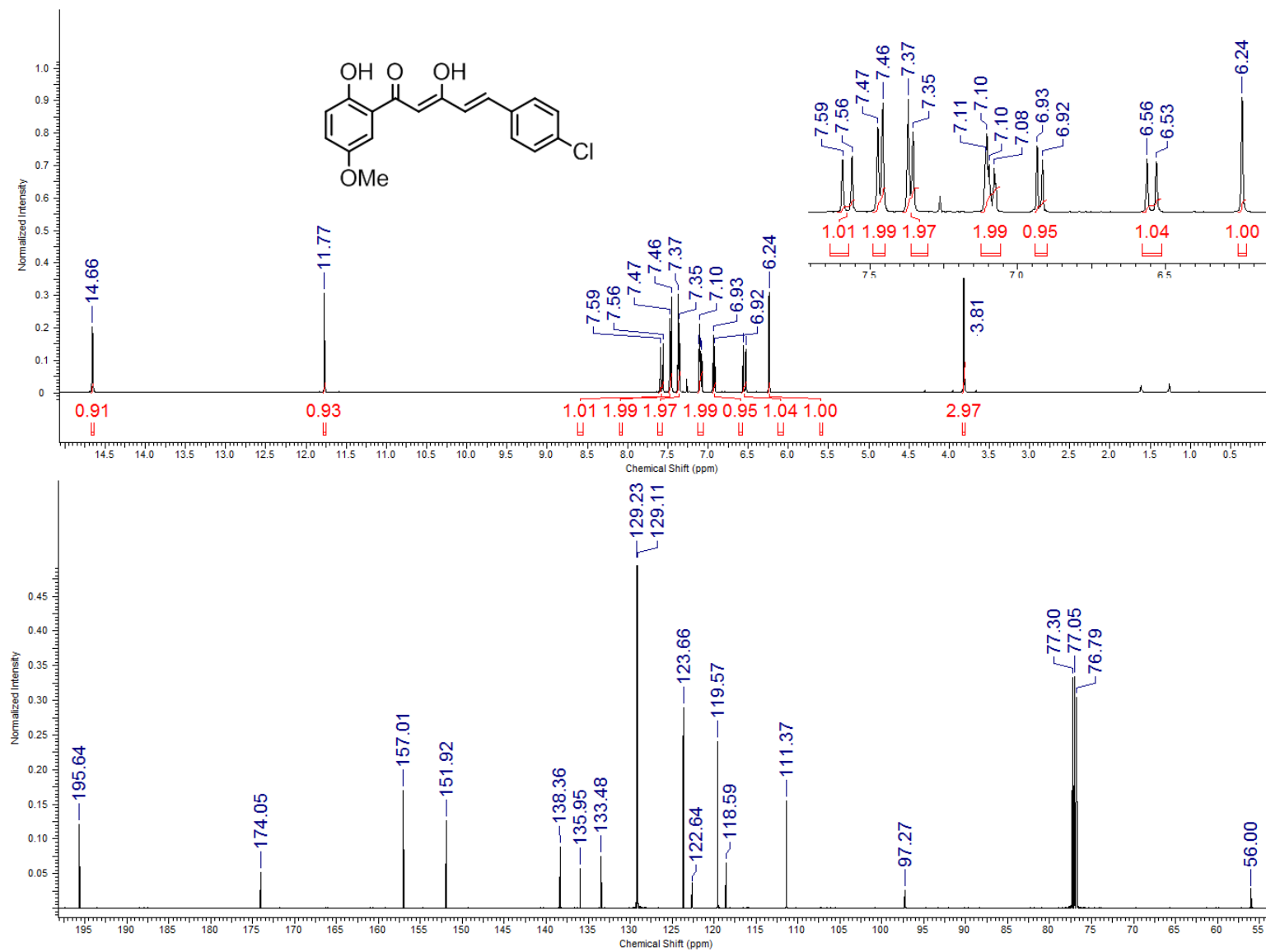


Figure S61. NMR spectra of compound 61.

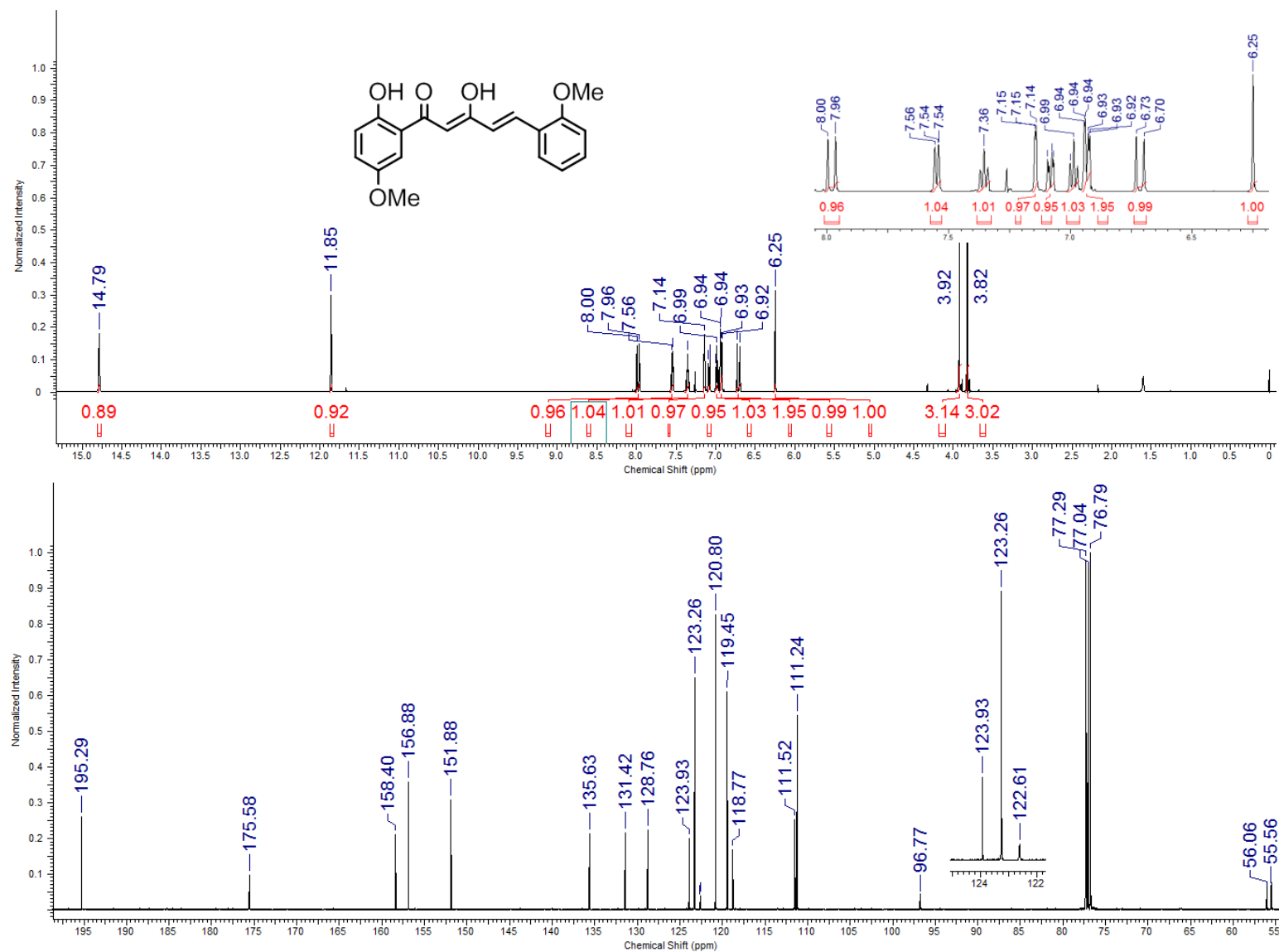


Figure S62. NMR spectra of compound 62.

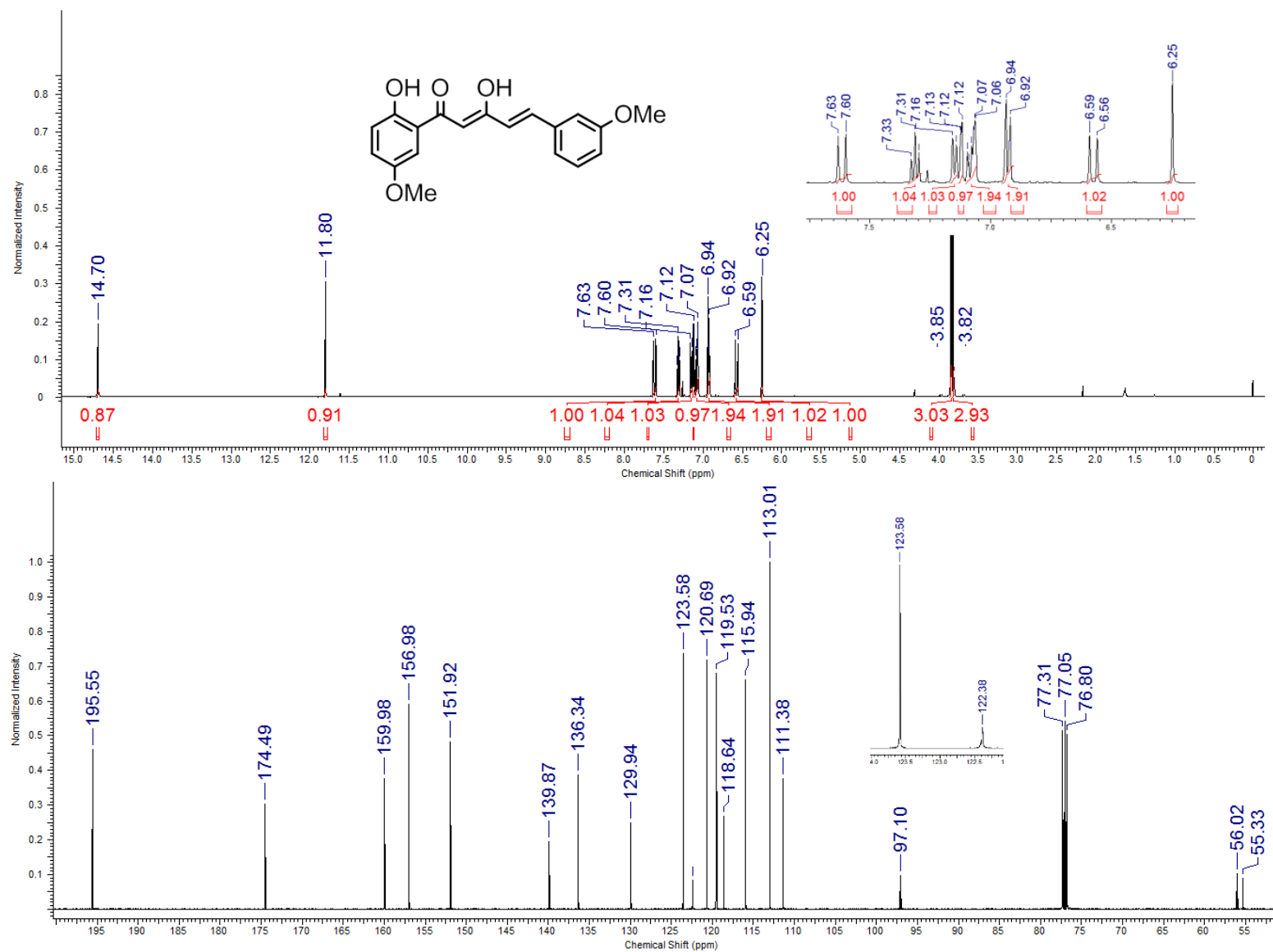


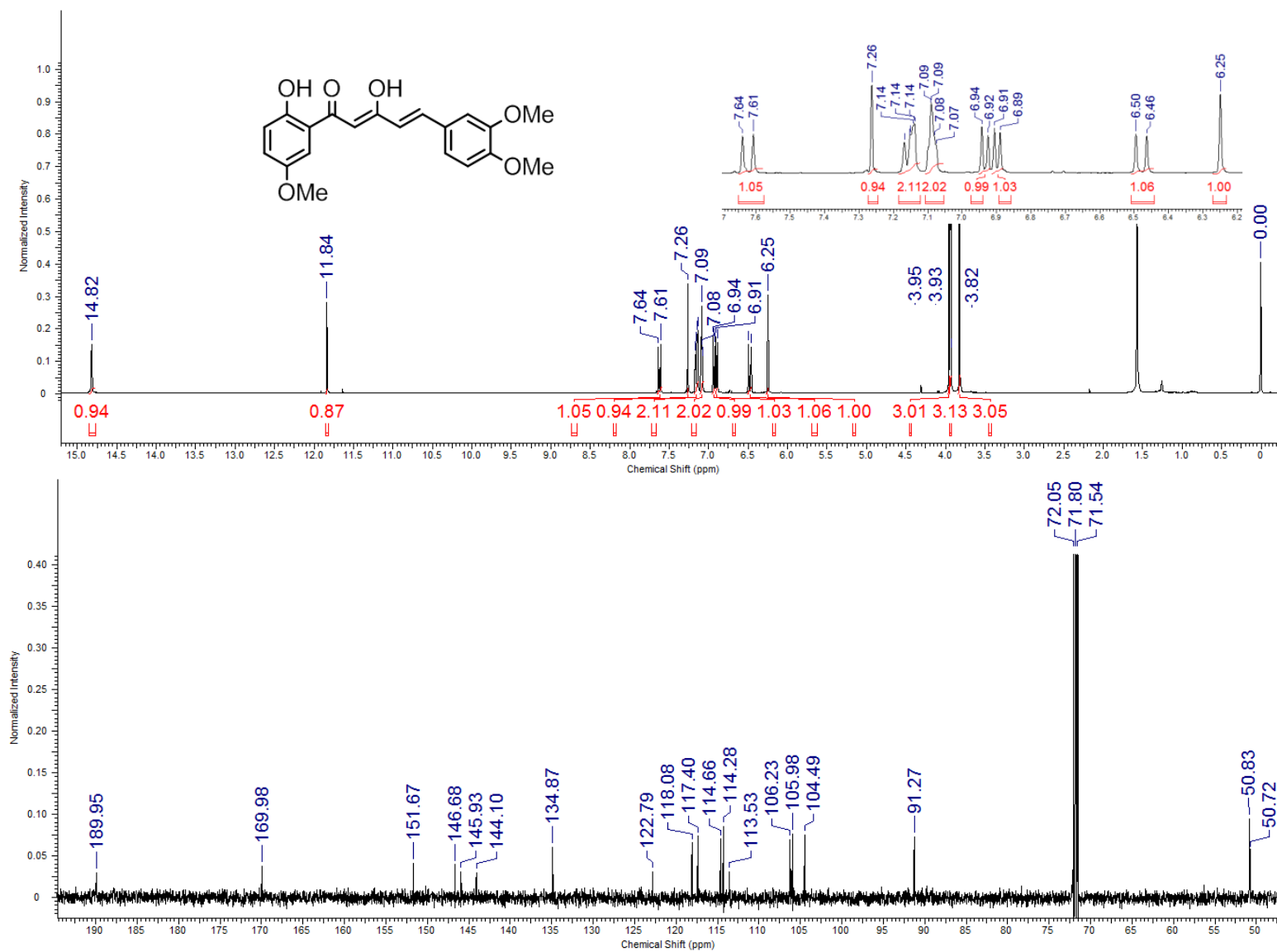
Figure S63. NMR spectra of compound **63**.

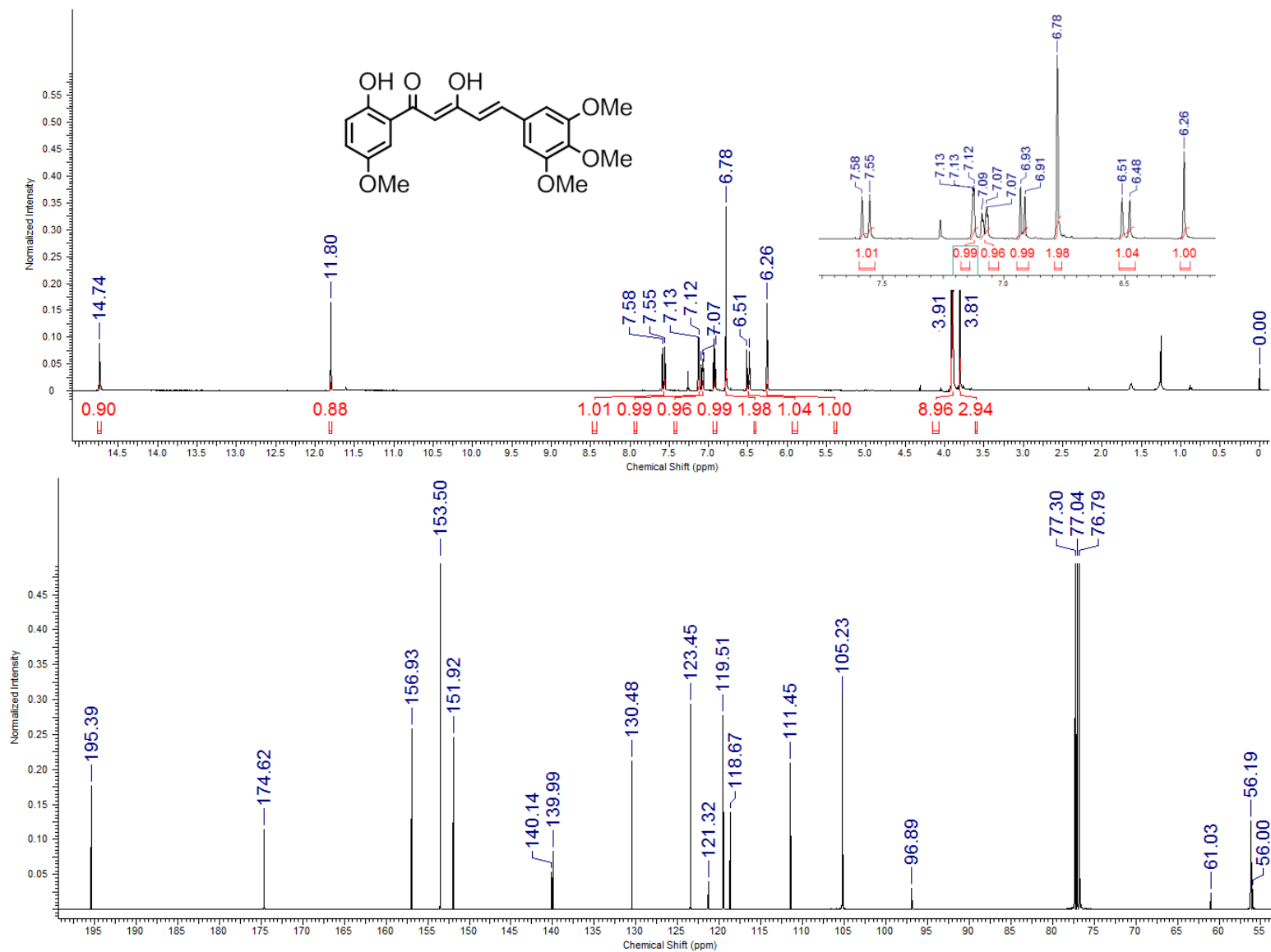
Figure S64. NMR spectra of compound **64**.

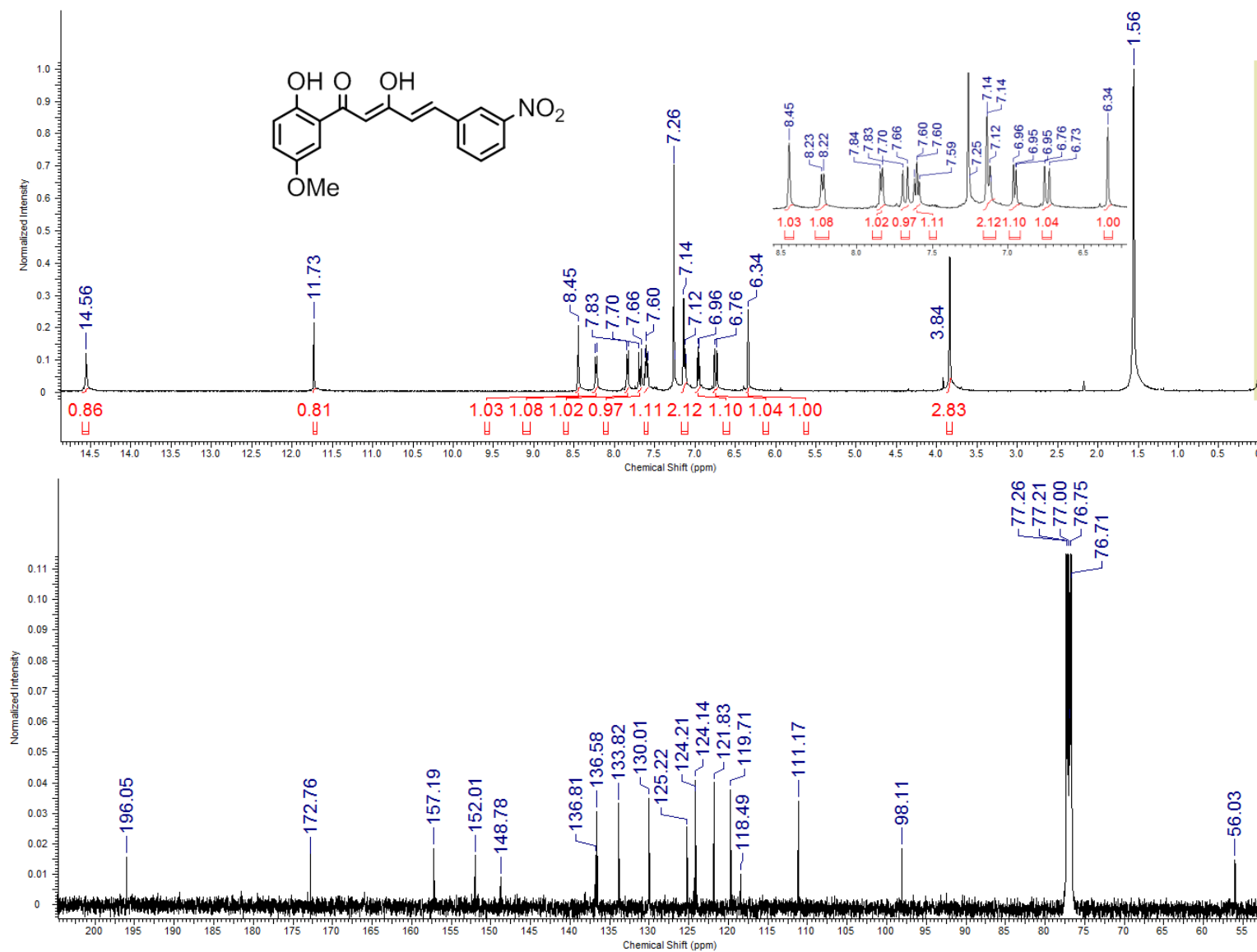
Figure S65. NMR spectra of compound **65**.

Figure S66. NMR spectra of compound 66.

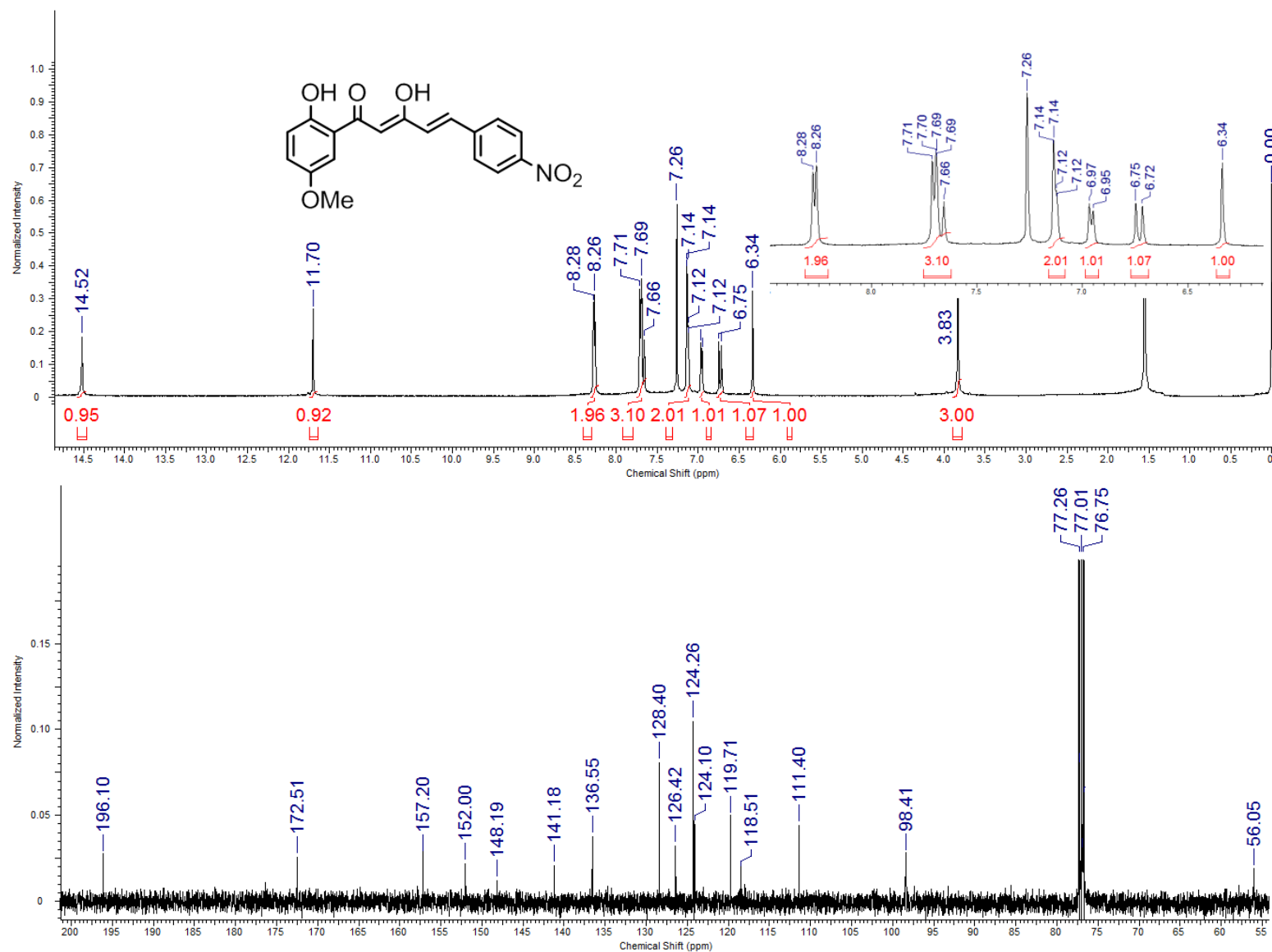


Figure S67. NMR spectra of compound 67.

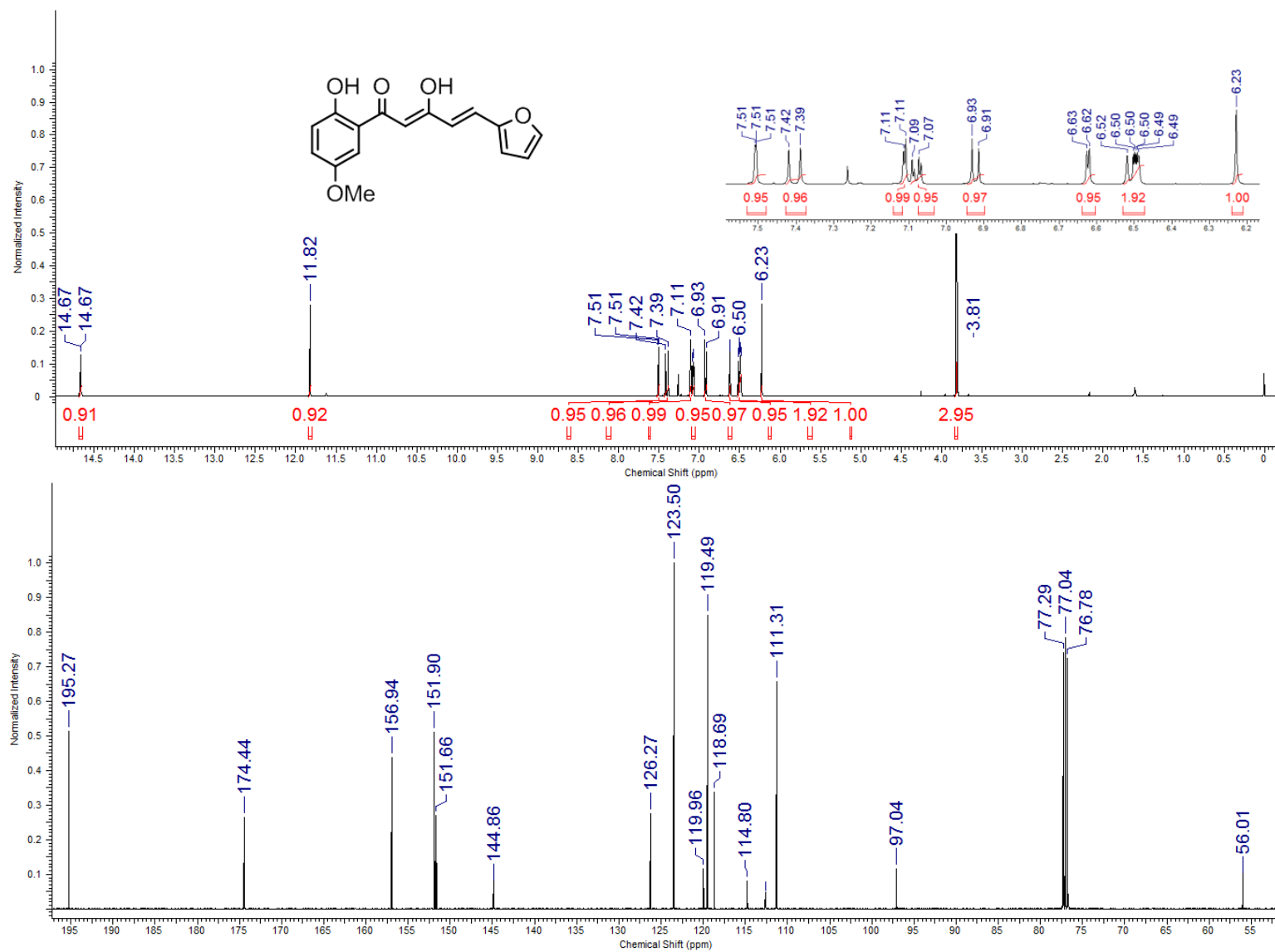


Figure S68. NMR spectra of compound 68.

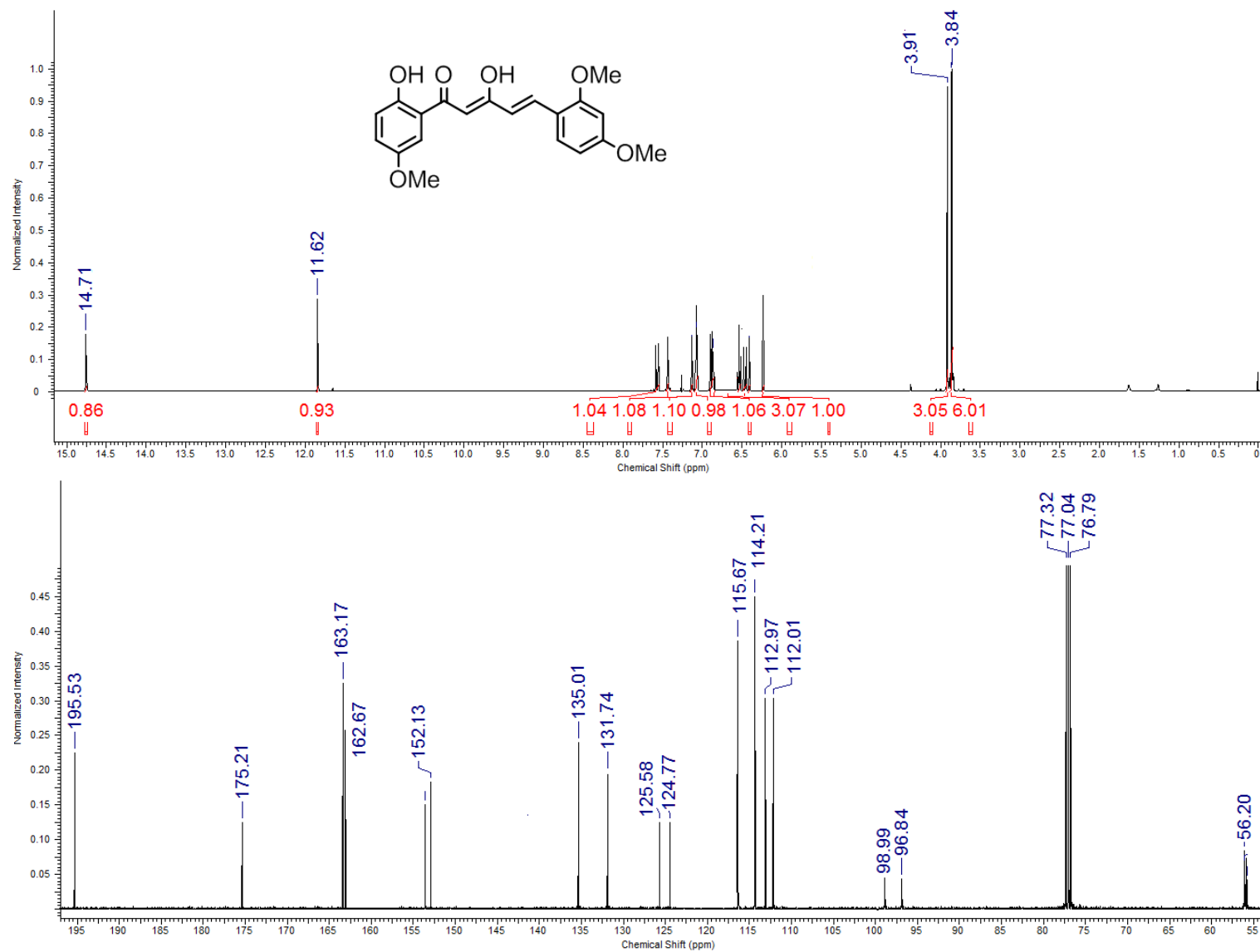


Figure S69. NMR spectra of compound 69.

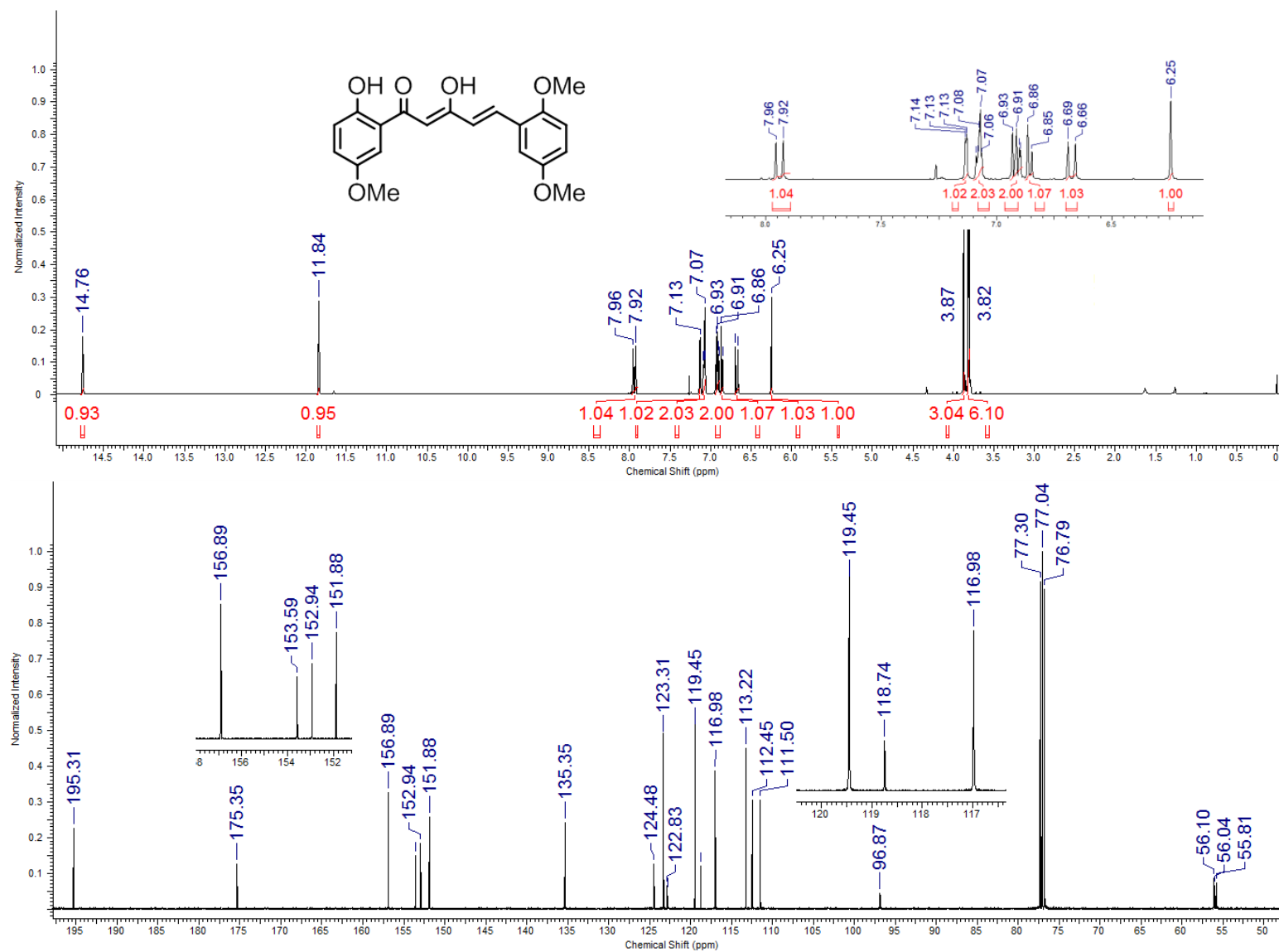


Figure S70. NMR spectra of compound 70.

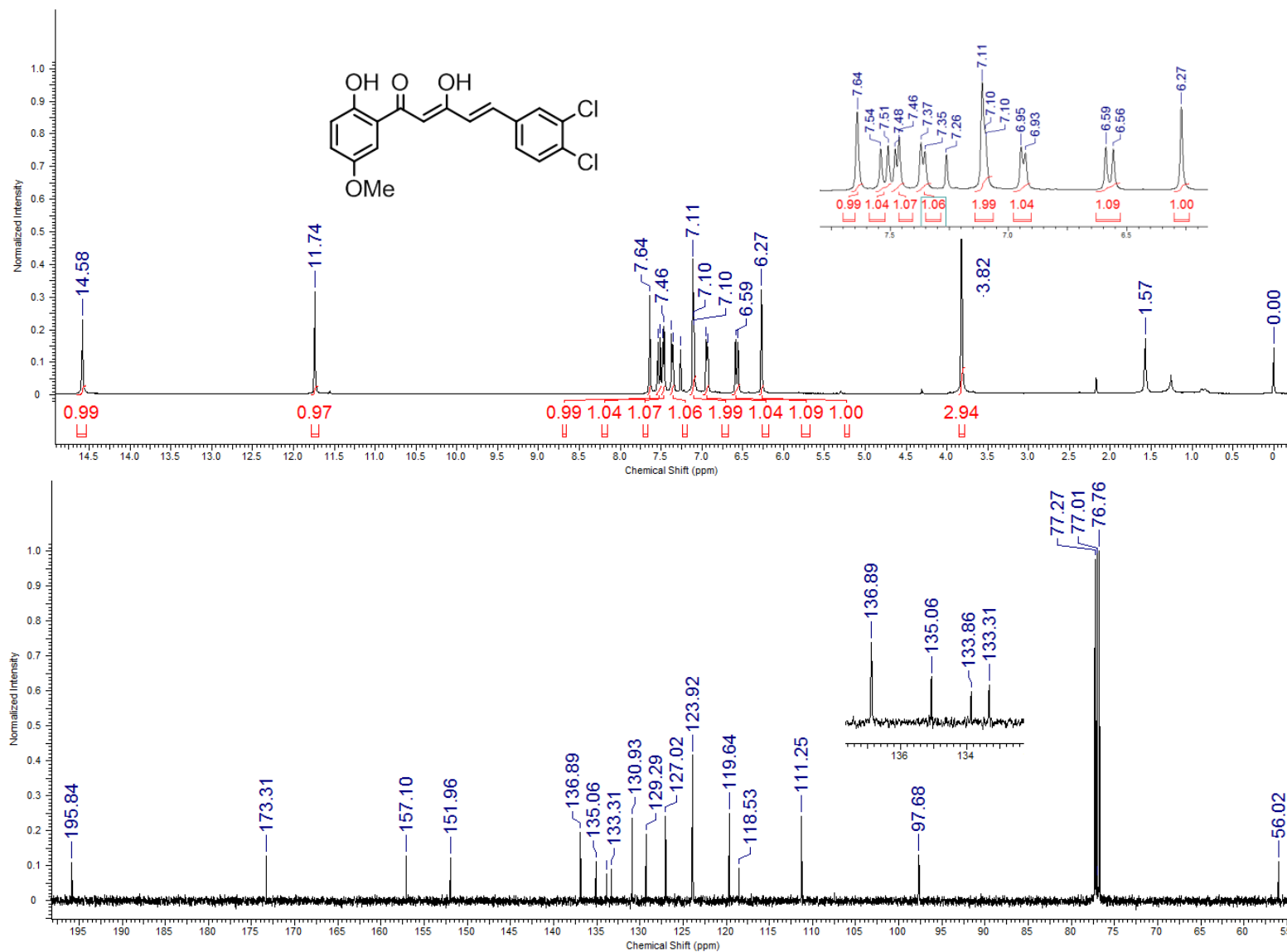


Figure S71. NMR spectra of compound 71.

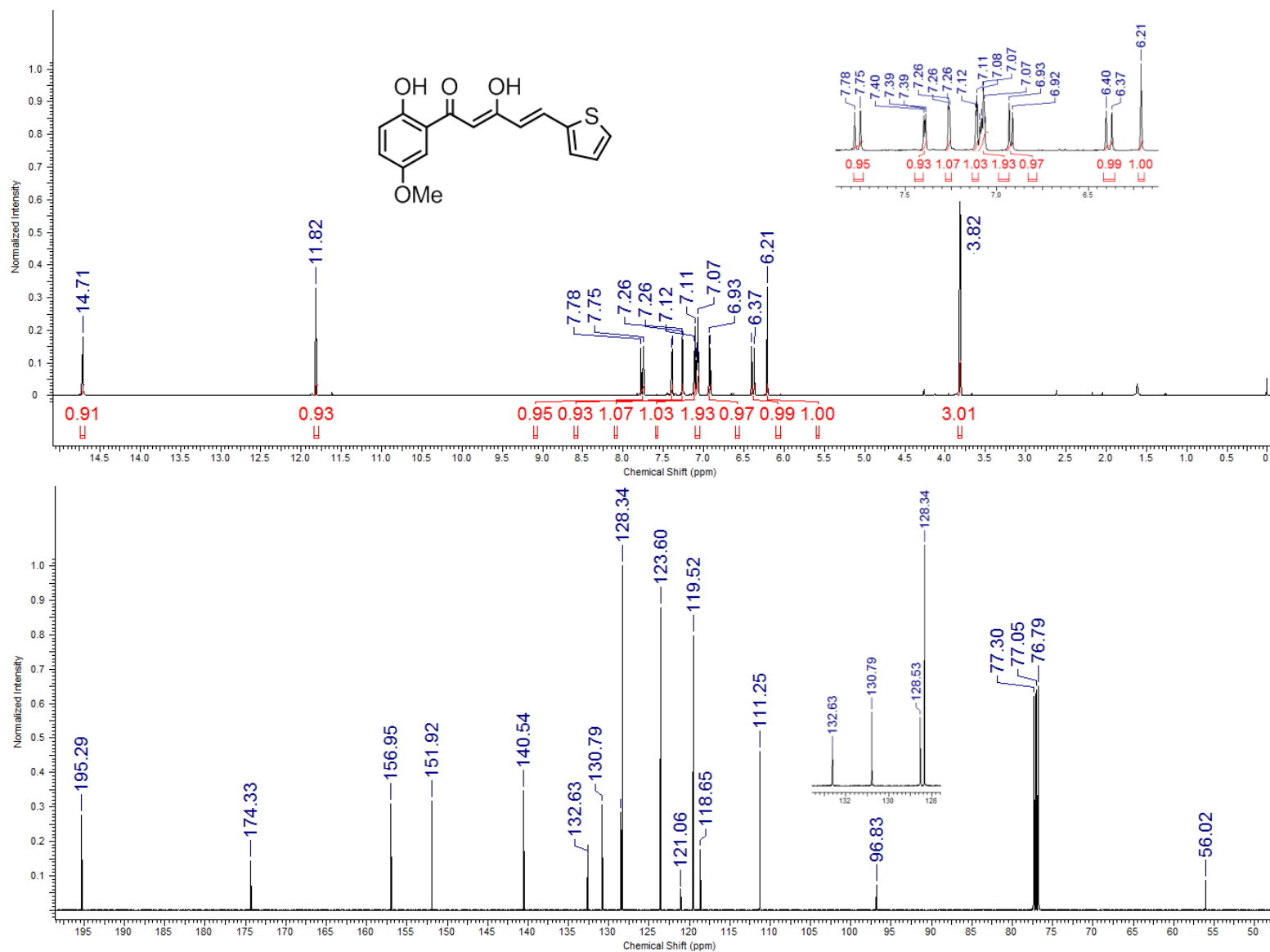


Figure S72. NMR spectra of compound 72.

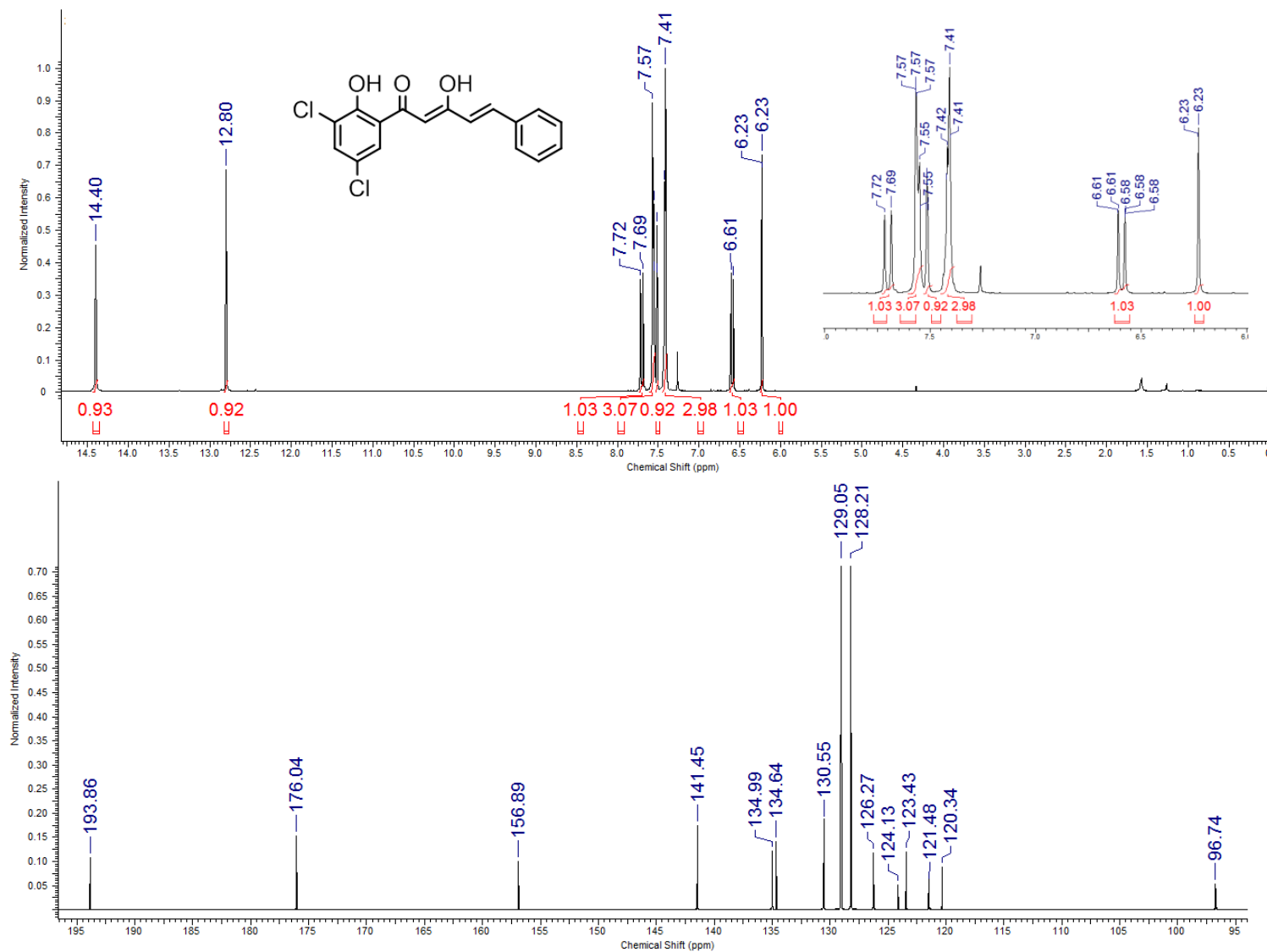


Figure S73. NMR spectra of compound 73.

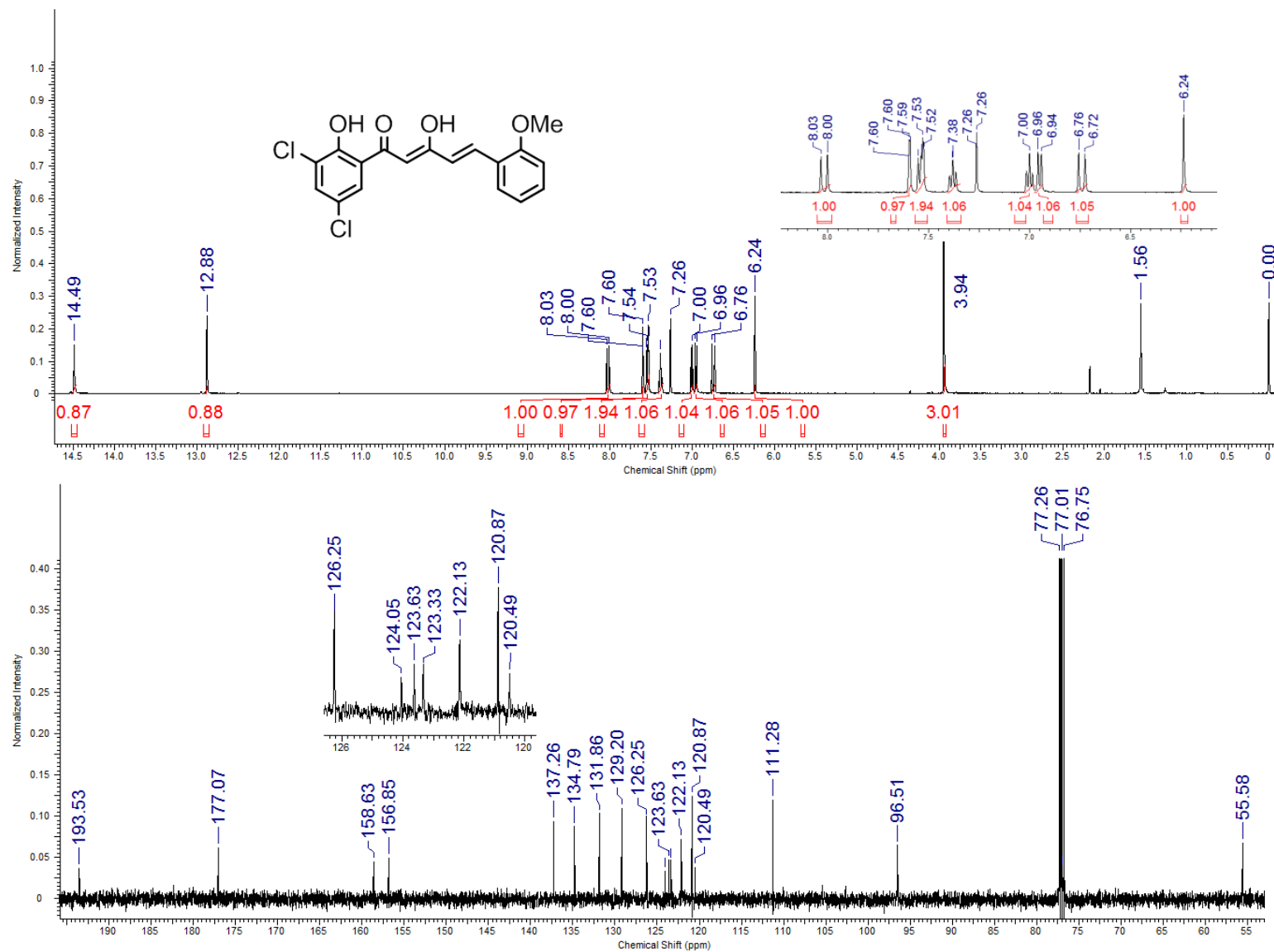


Figure S74. NMR spectra of compound 74.

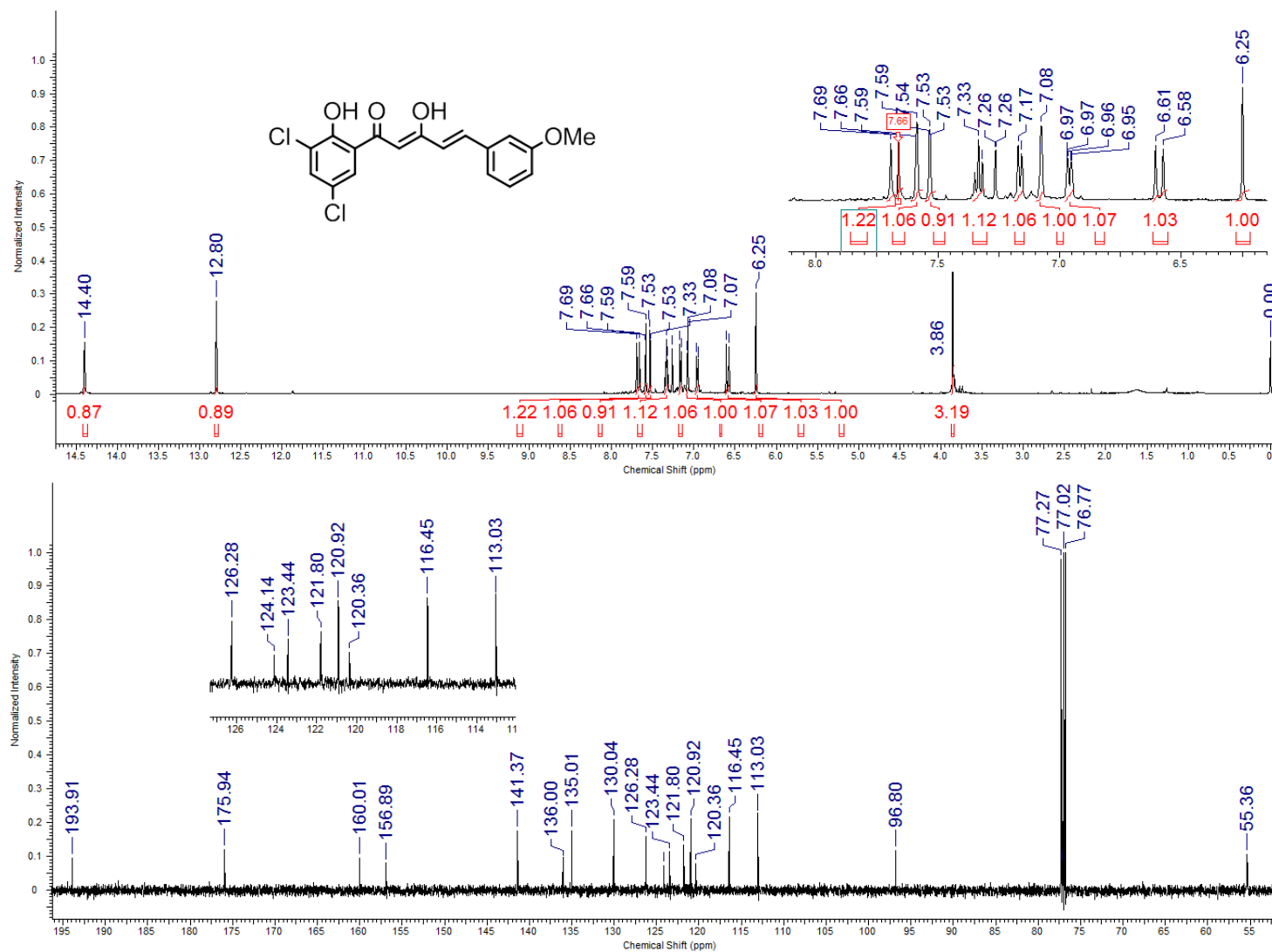


Figure S75. NMR spectra of compound 75.

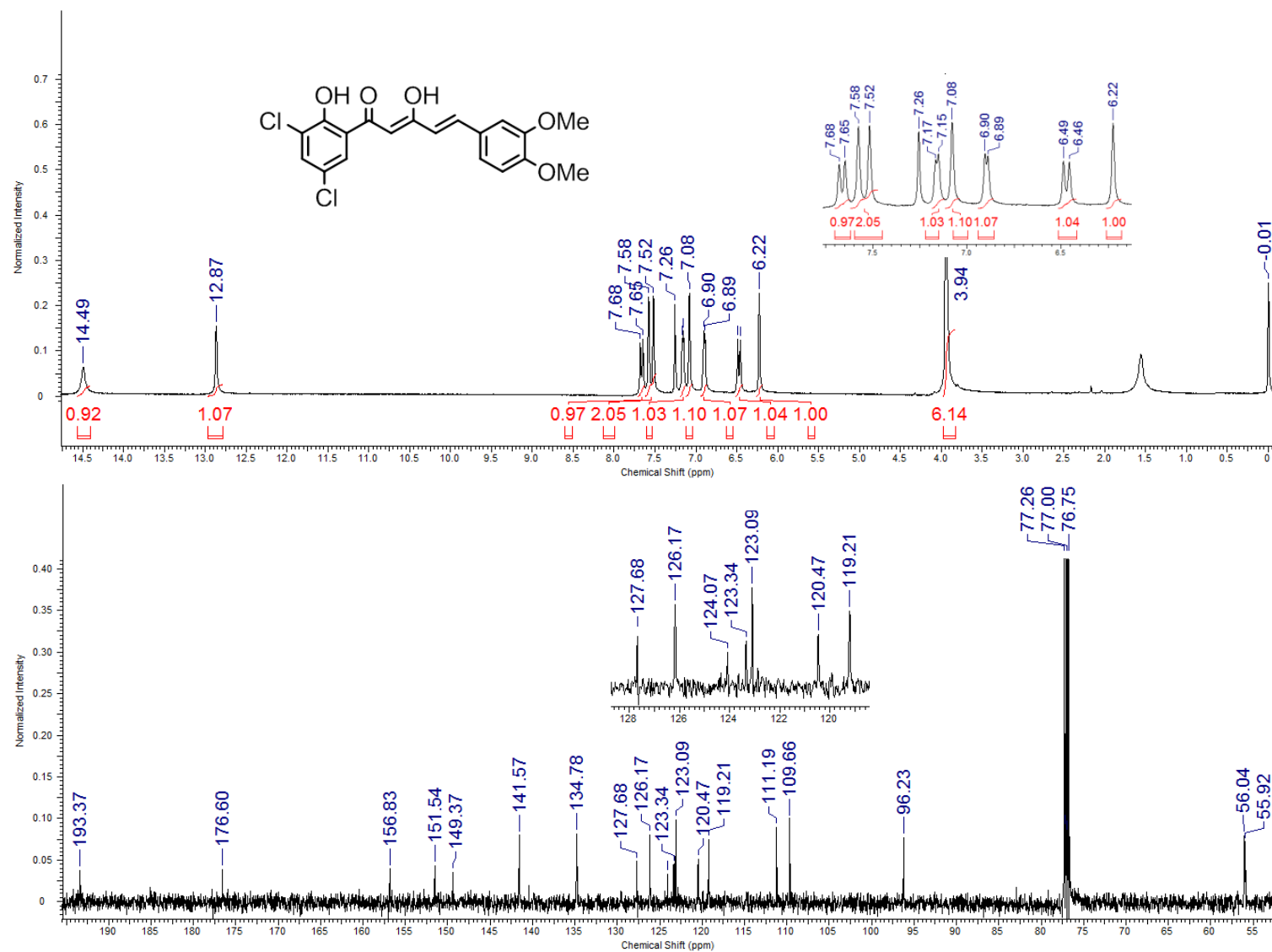


Figure S76. NMR spectra of compound 76.

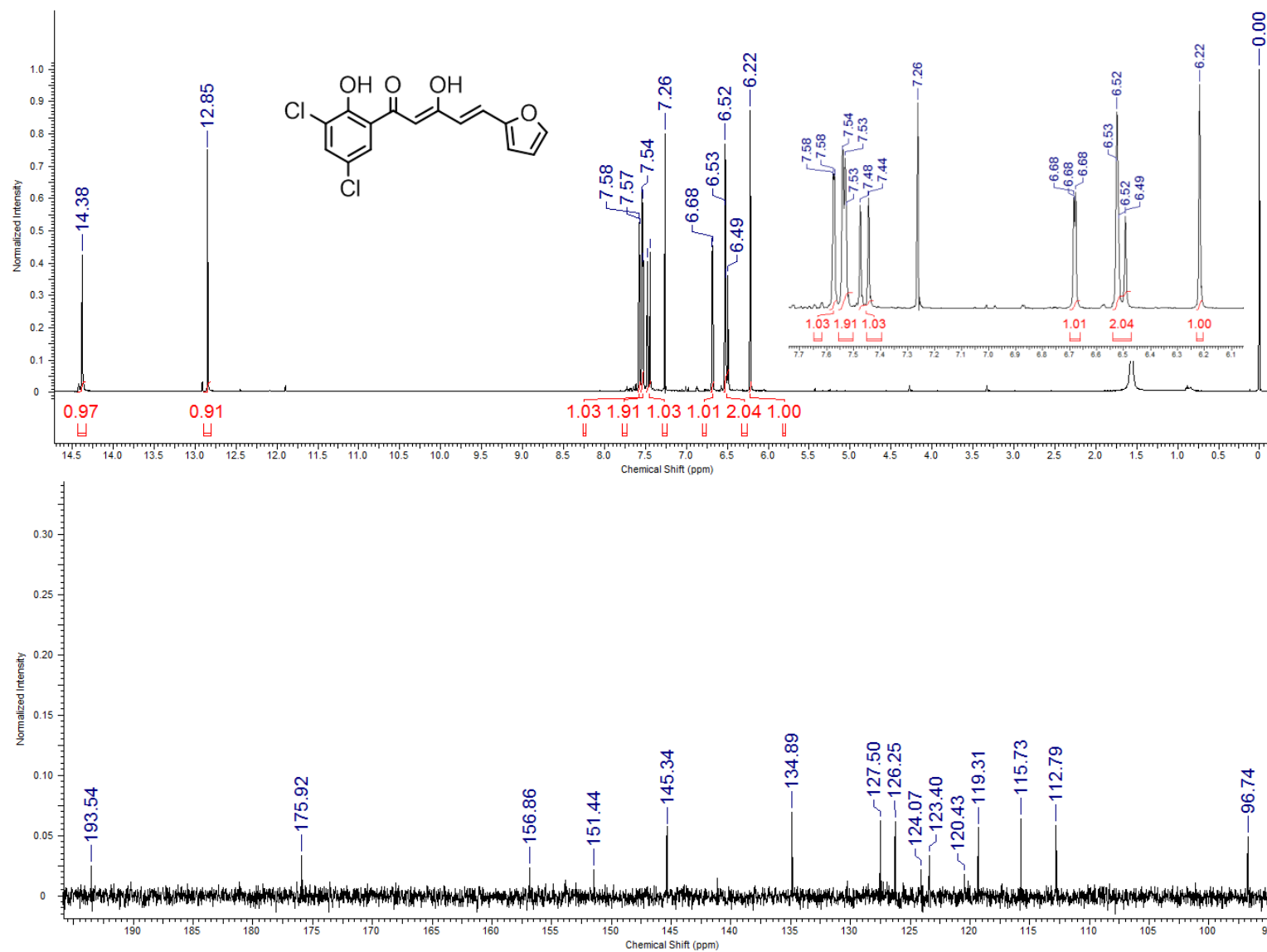


Figure S77. NMR spectra of compound 77.

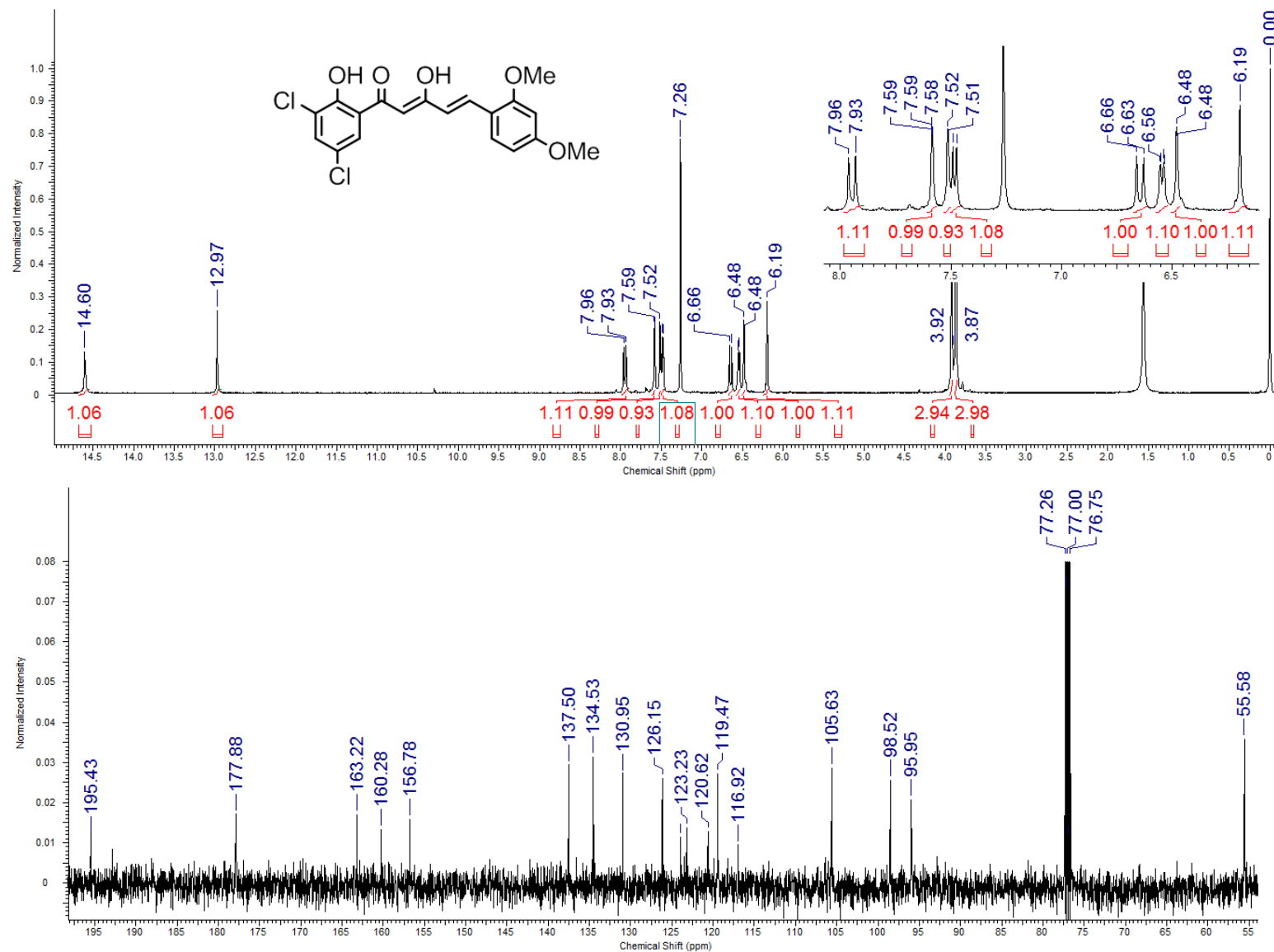


Figure S78. NMR spectra of compound 78.

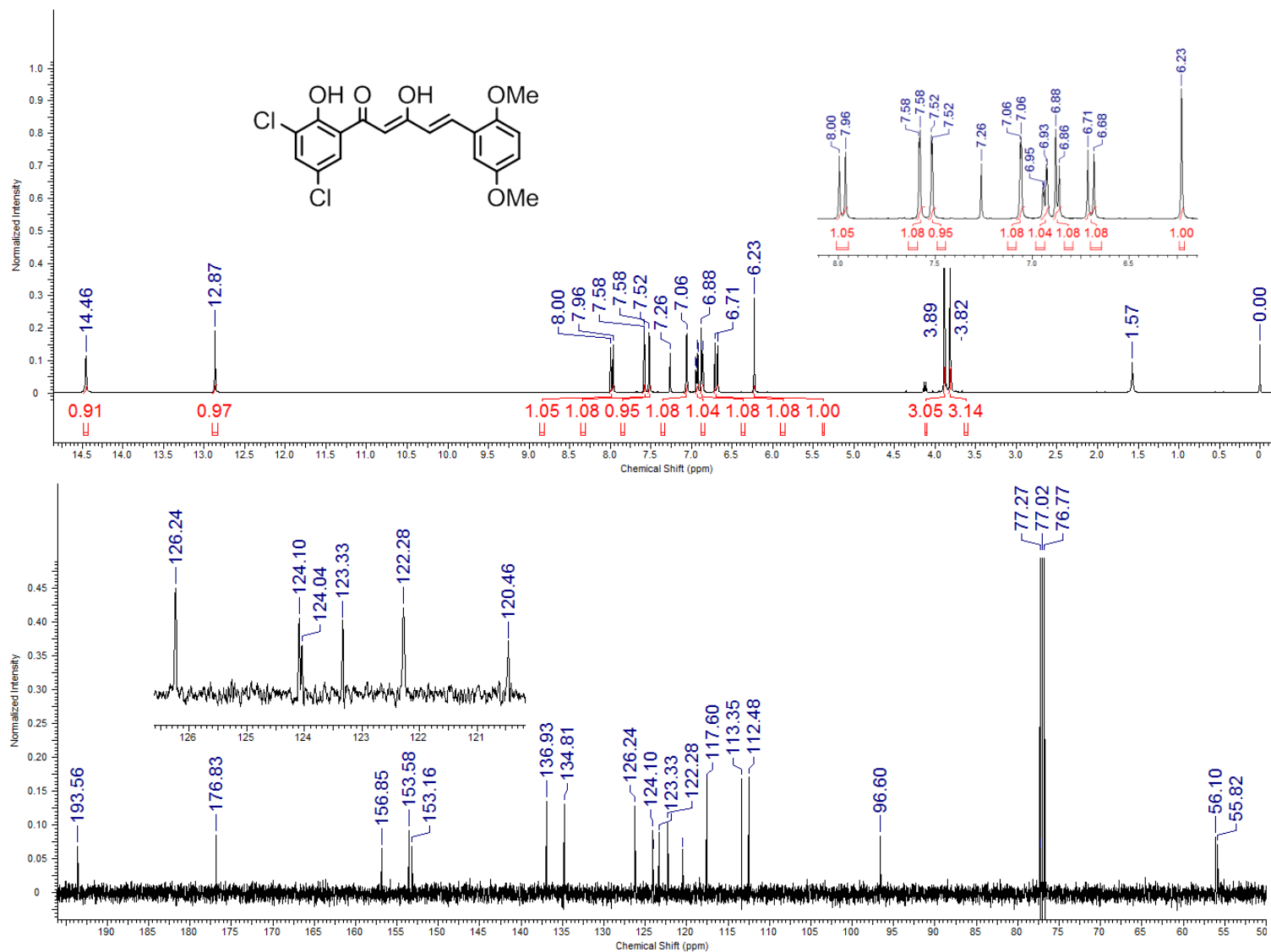


Figure S79. NMR spectra of compound 79.

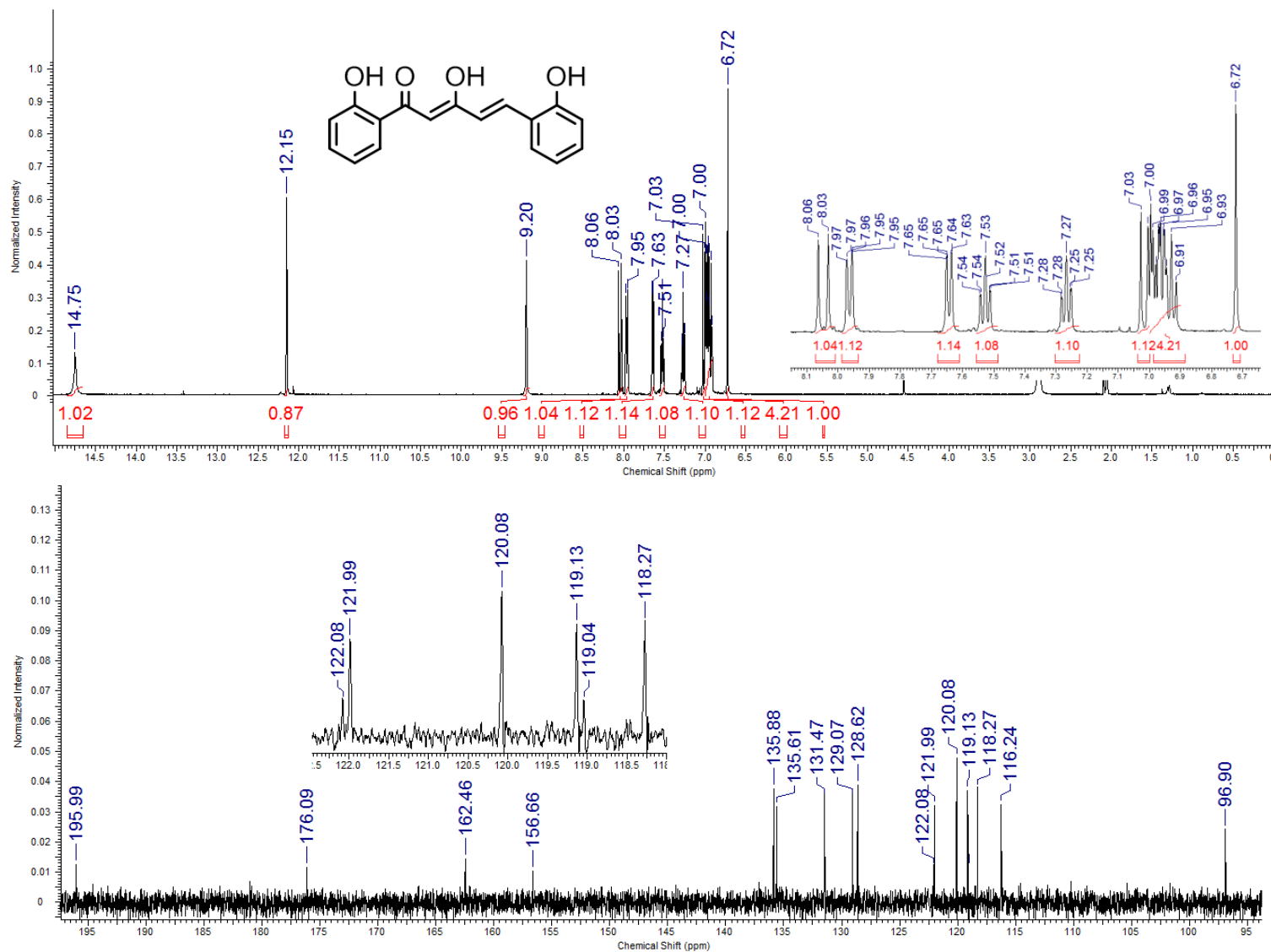


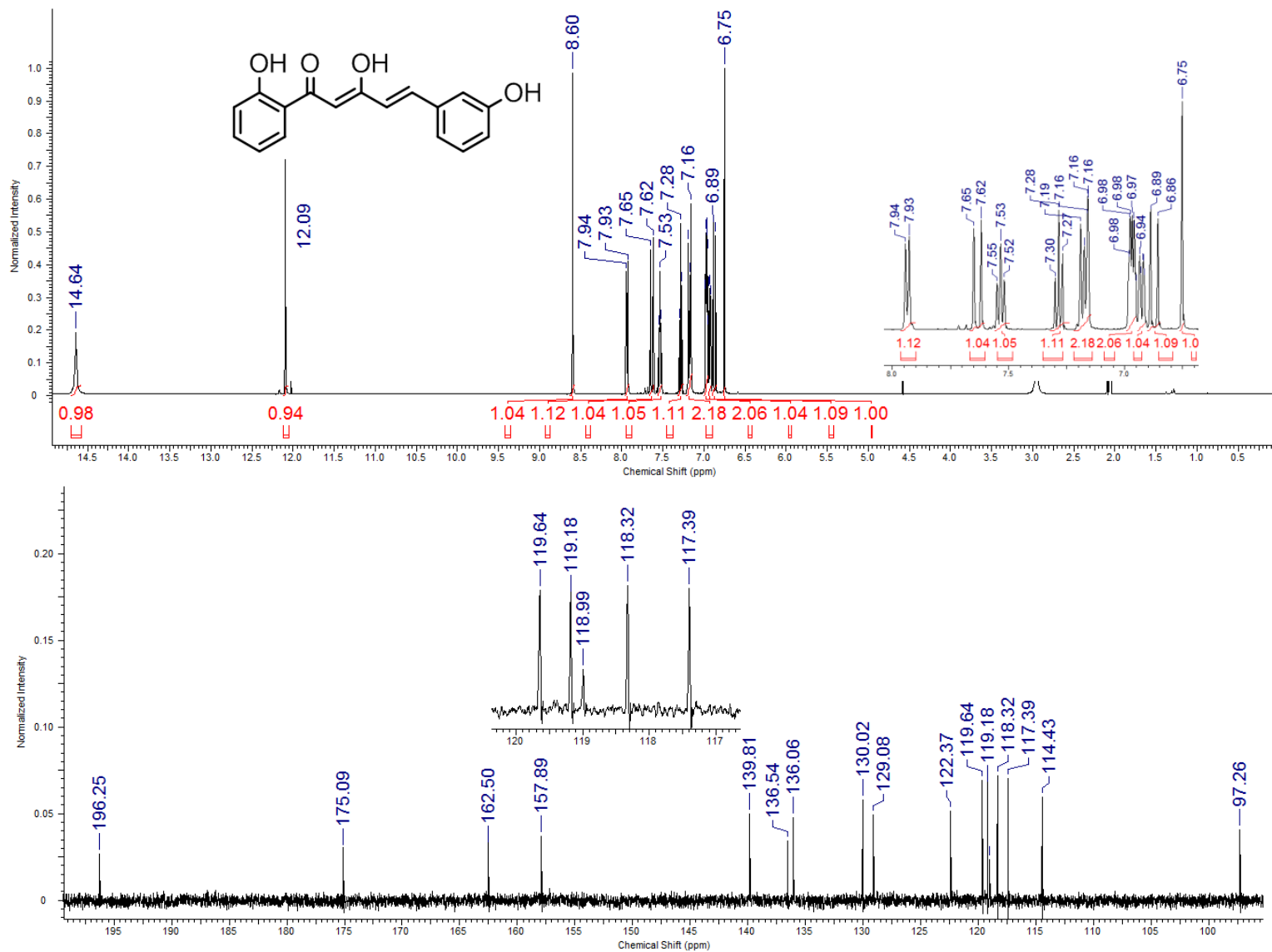
Figure S80. NMR spectra of compound **80**.

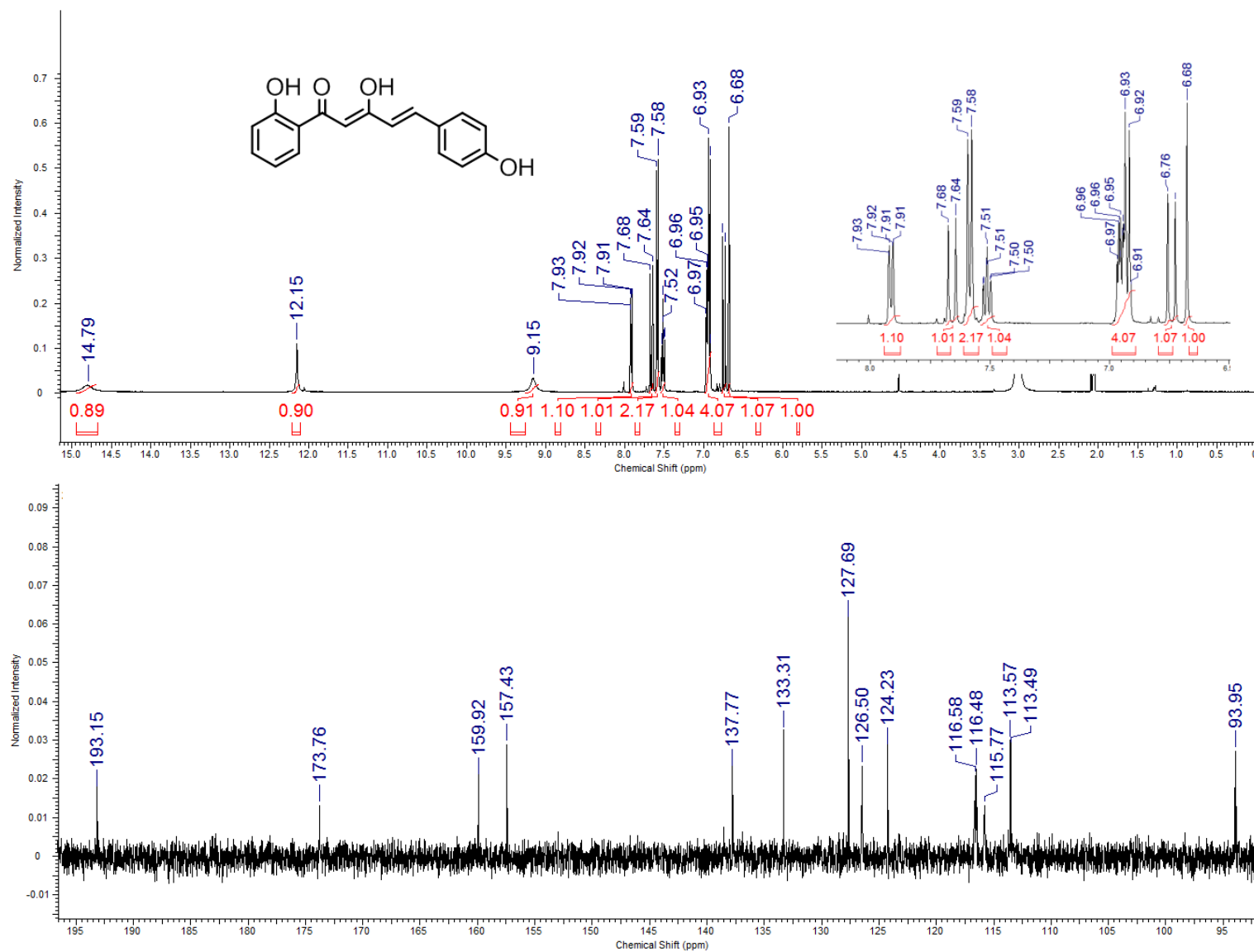
Figure S81. NMR spectra of compound **81**.

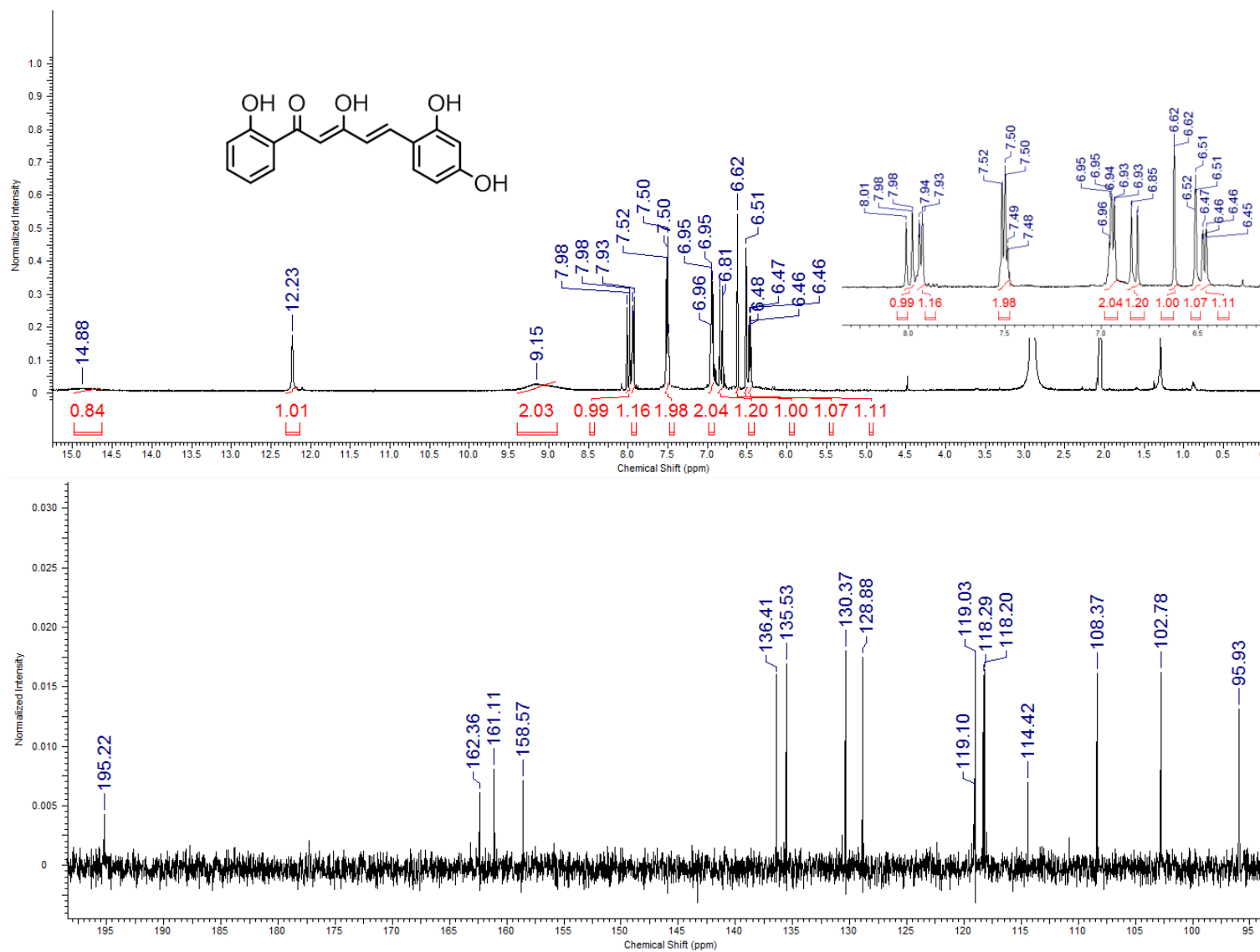
Figure S82. NMR spectra of compound **82**.

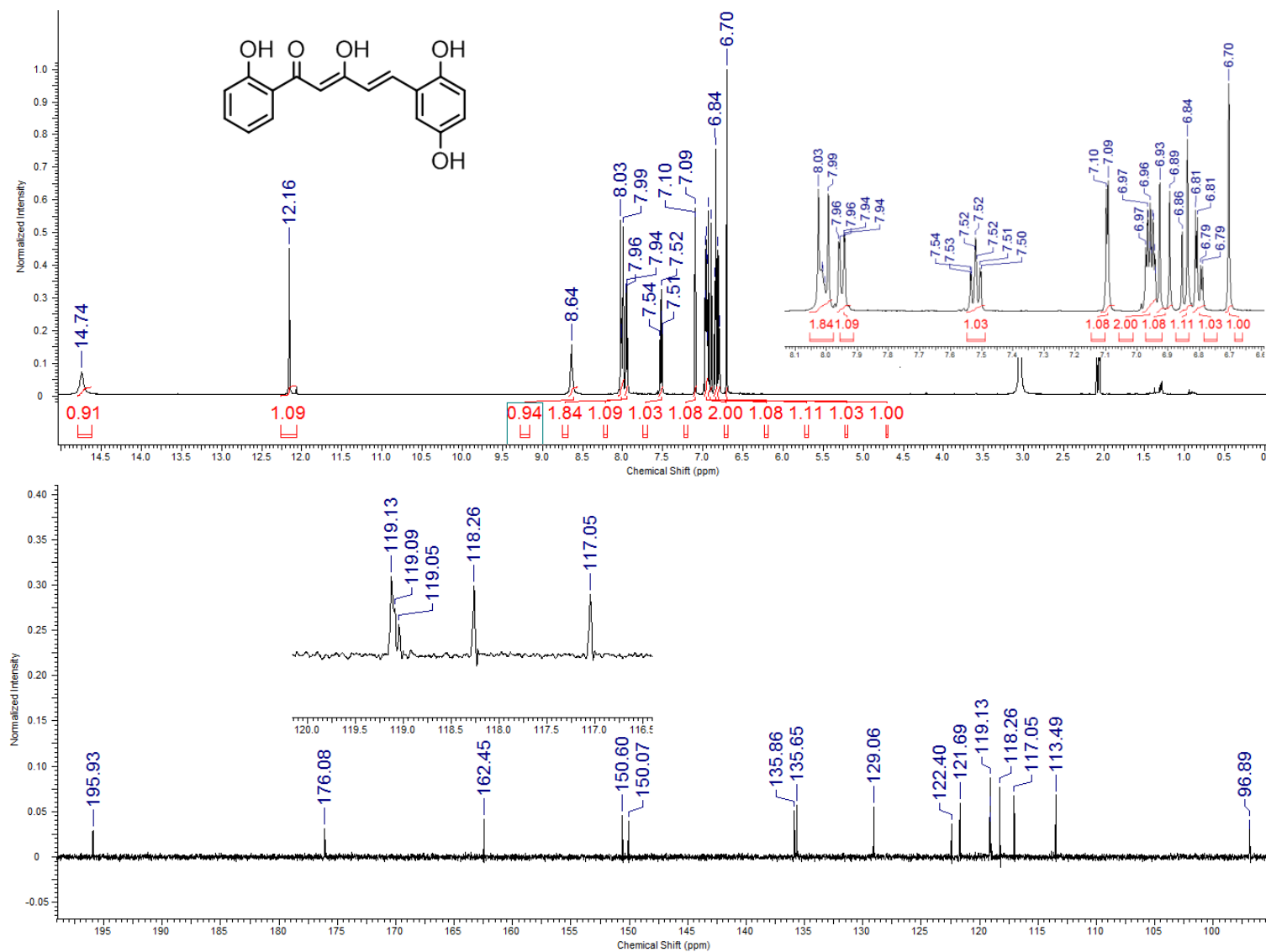
Figure S83. NMR spectra of compound **83**.

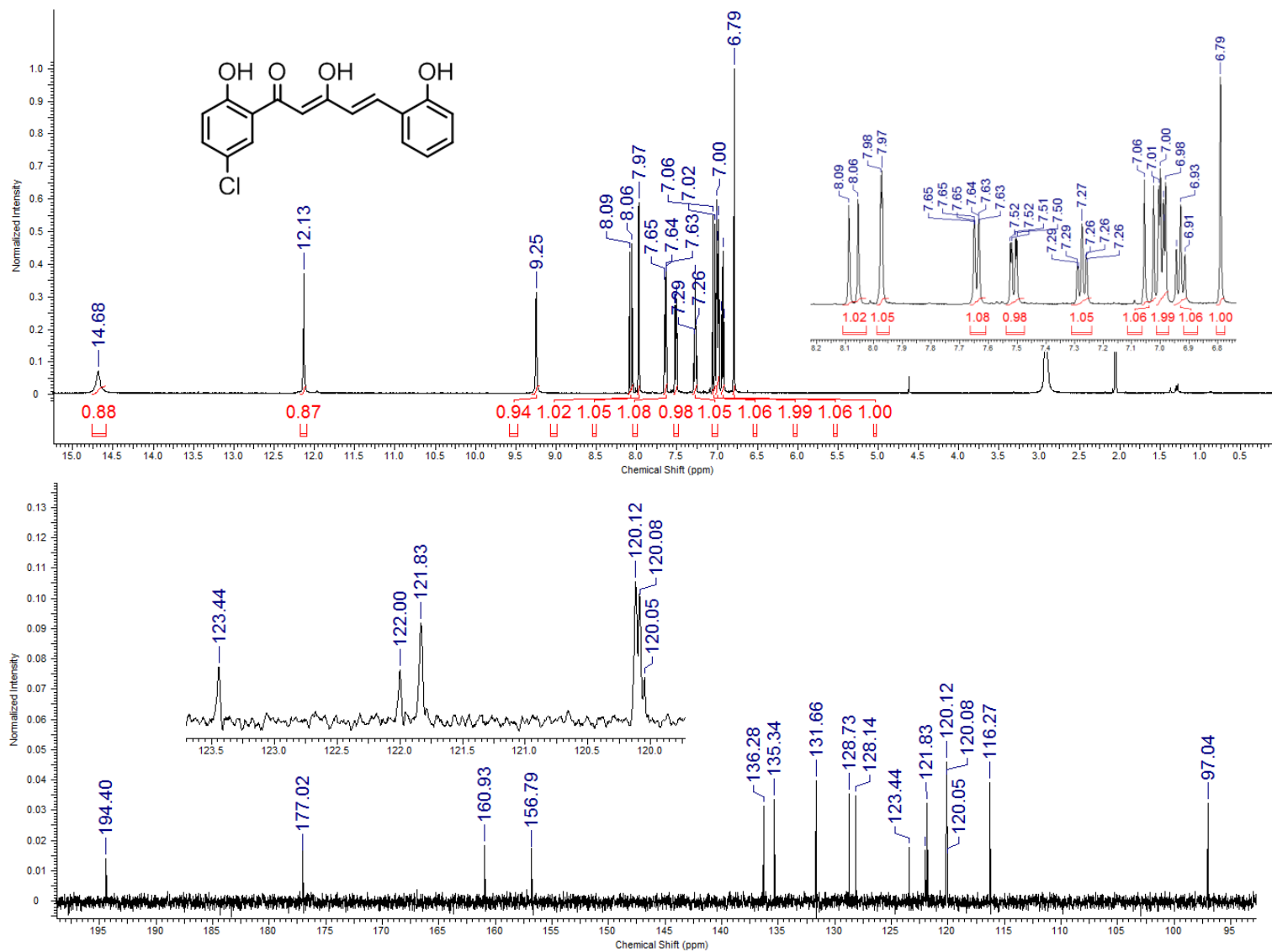
Figure S84. NMR spectra of compound **84**.

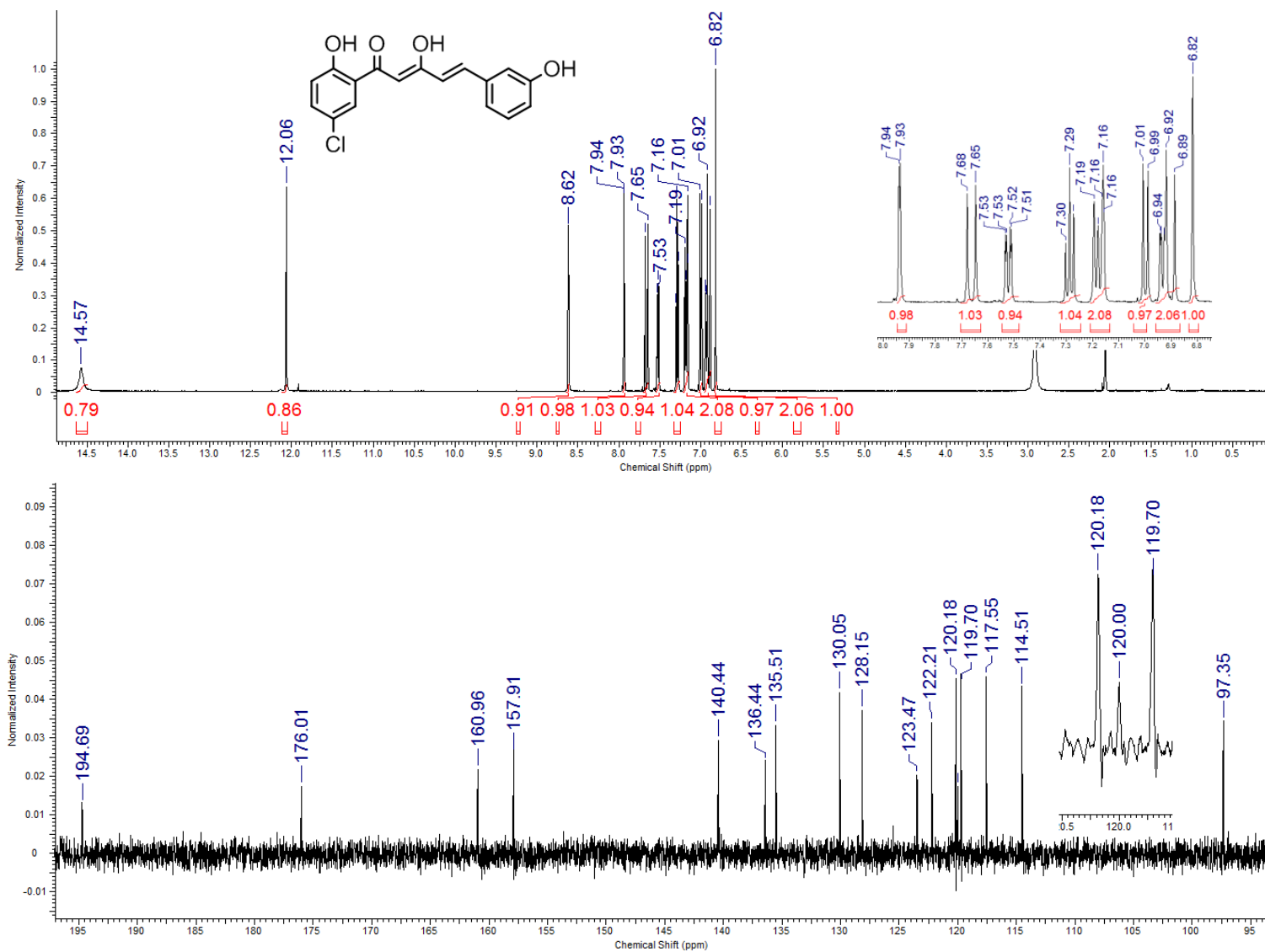
Figure S85. NMR spectra of compound **85**.

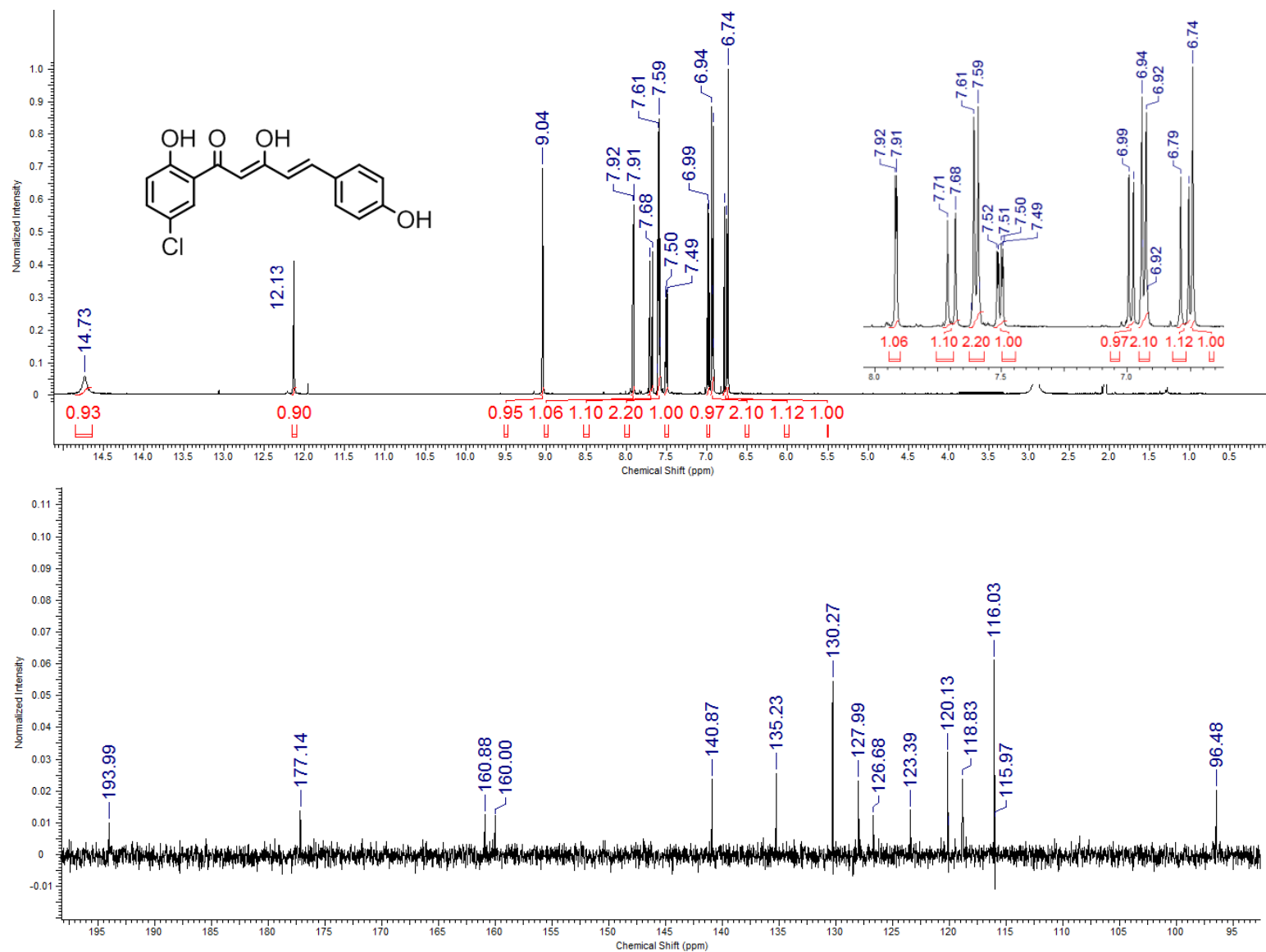
Figure S86. NMR spectra of compound **86**.

Figure S87. NMR spectra of compound 87.

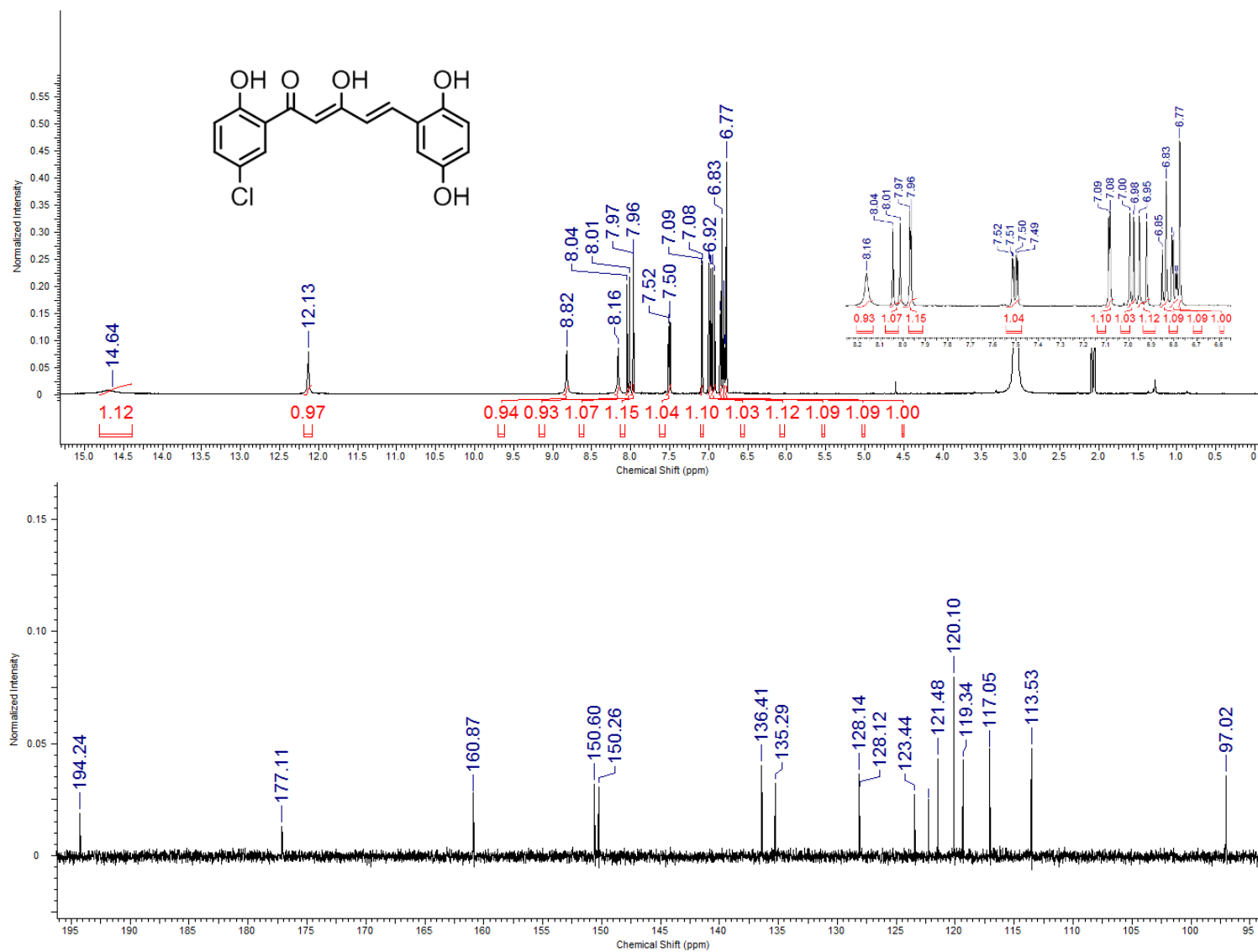


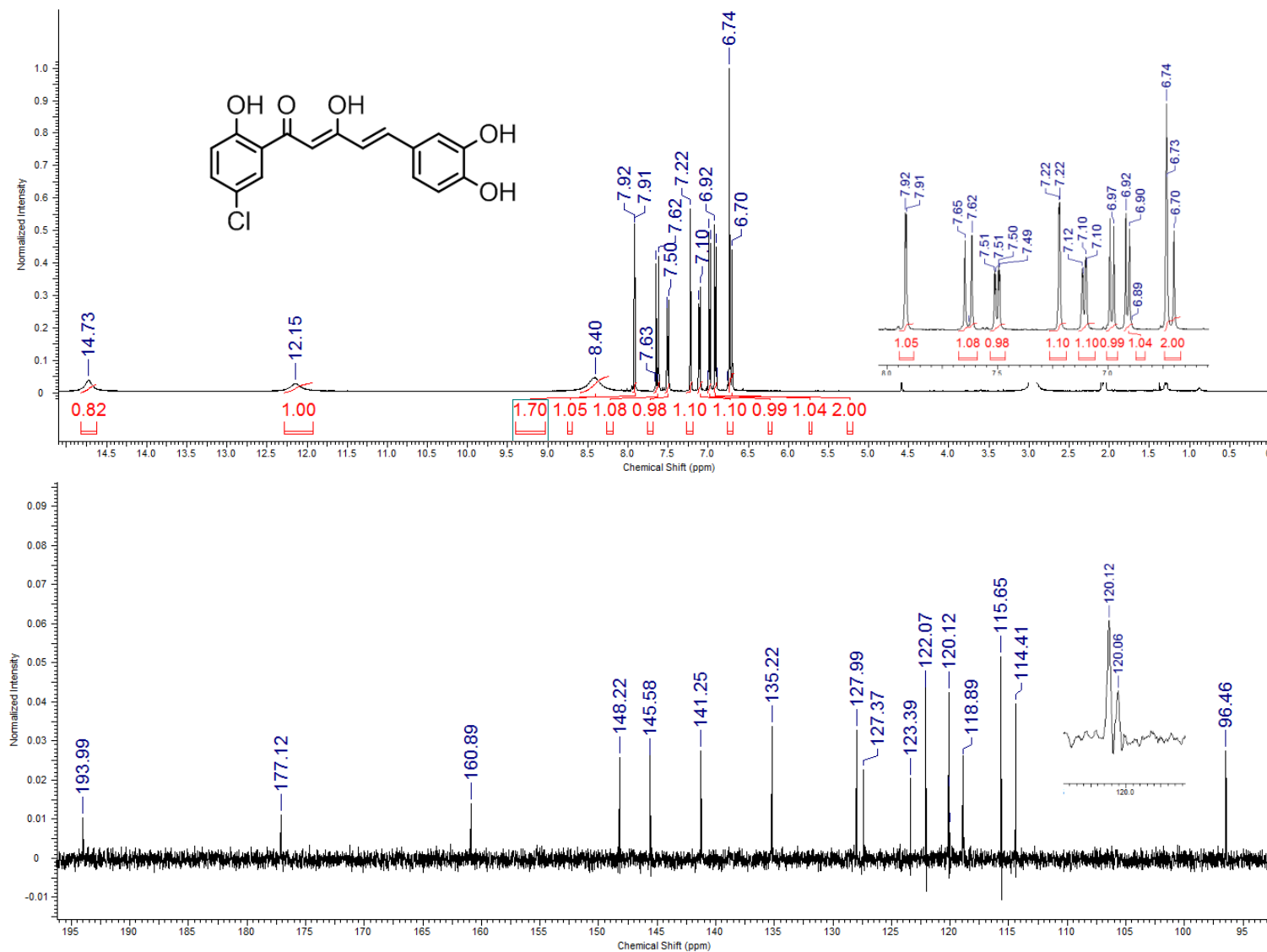
Figure S88. NMR spectra of compound **88**.

Figure S89. NMR spectra of compound 89.

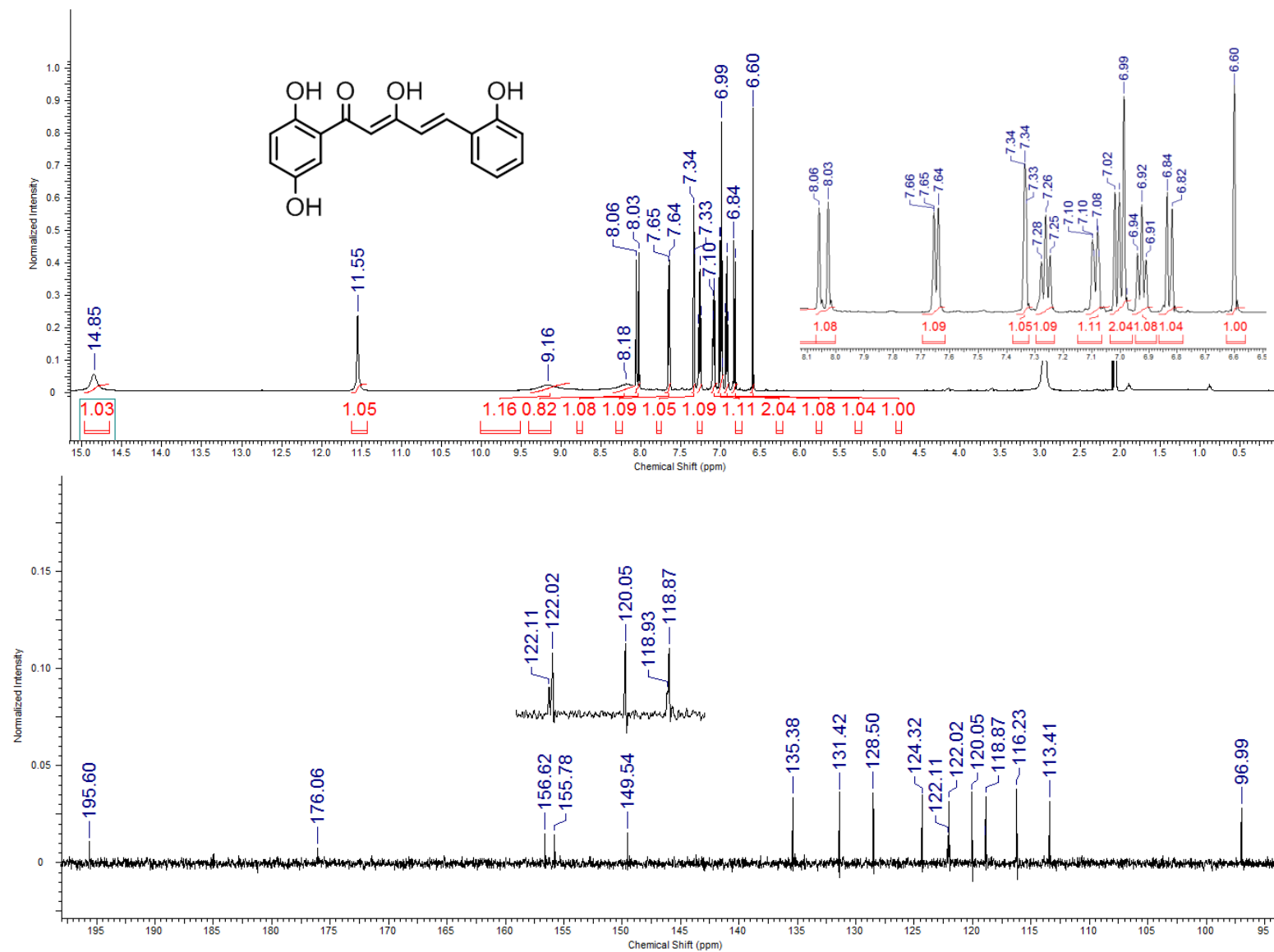


Figure S90. NMR spectra of compound 90.

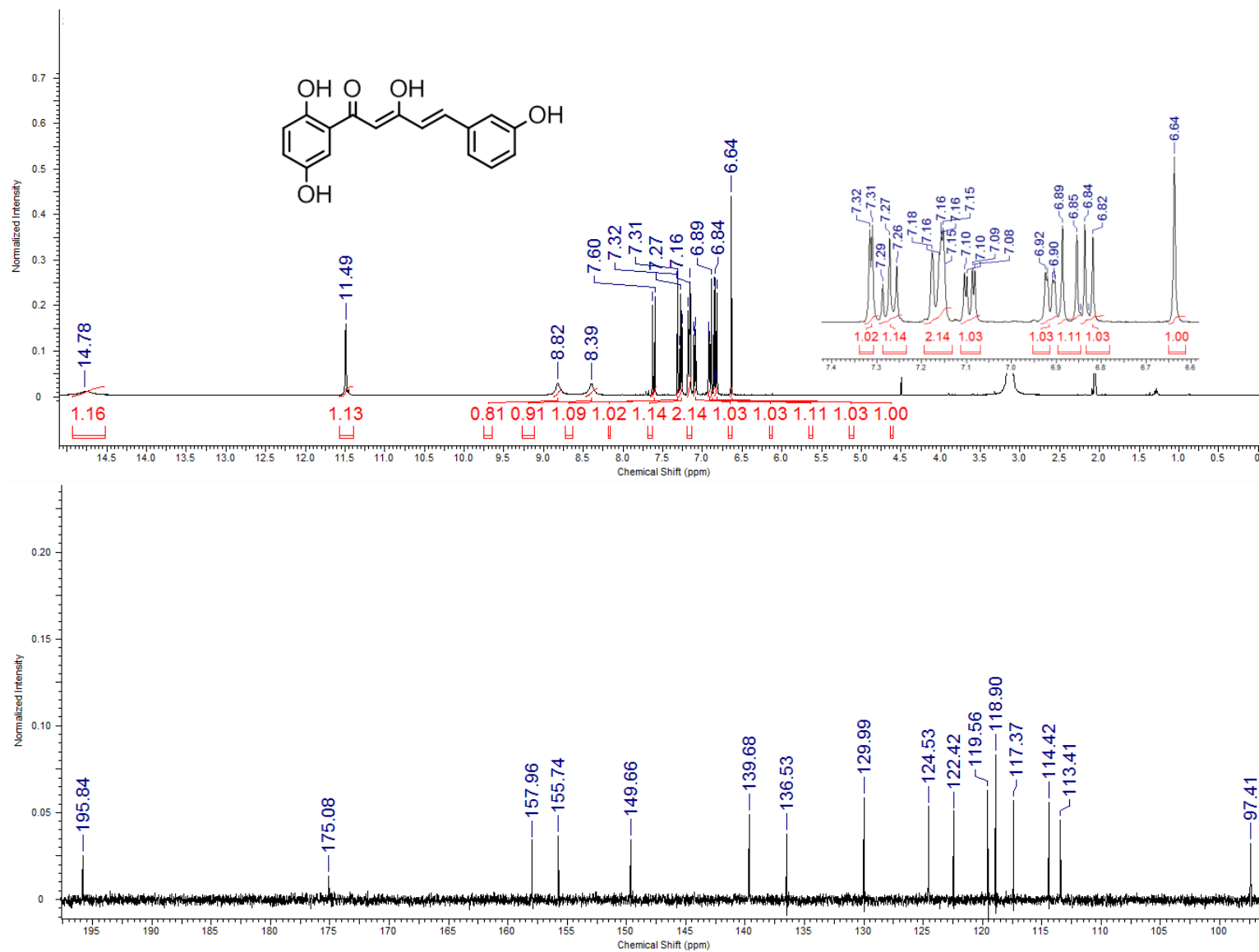


Figure S91. NMR spectra of compound 91.

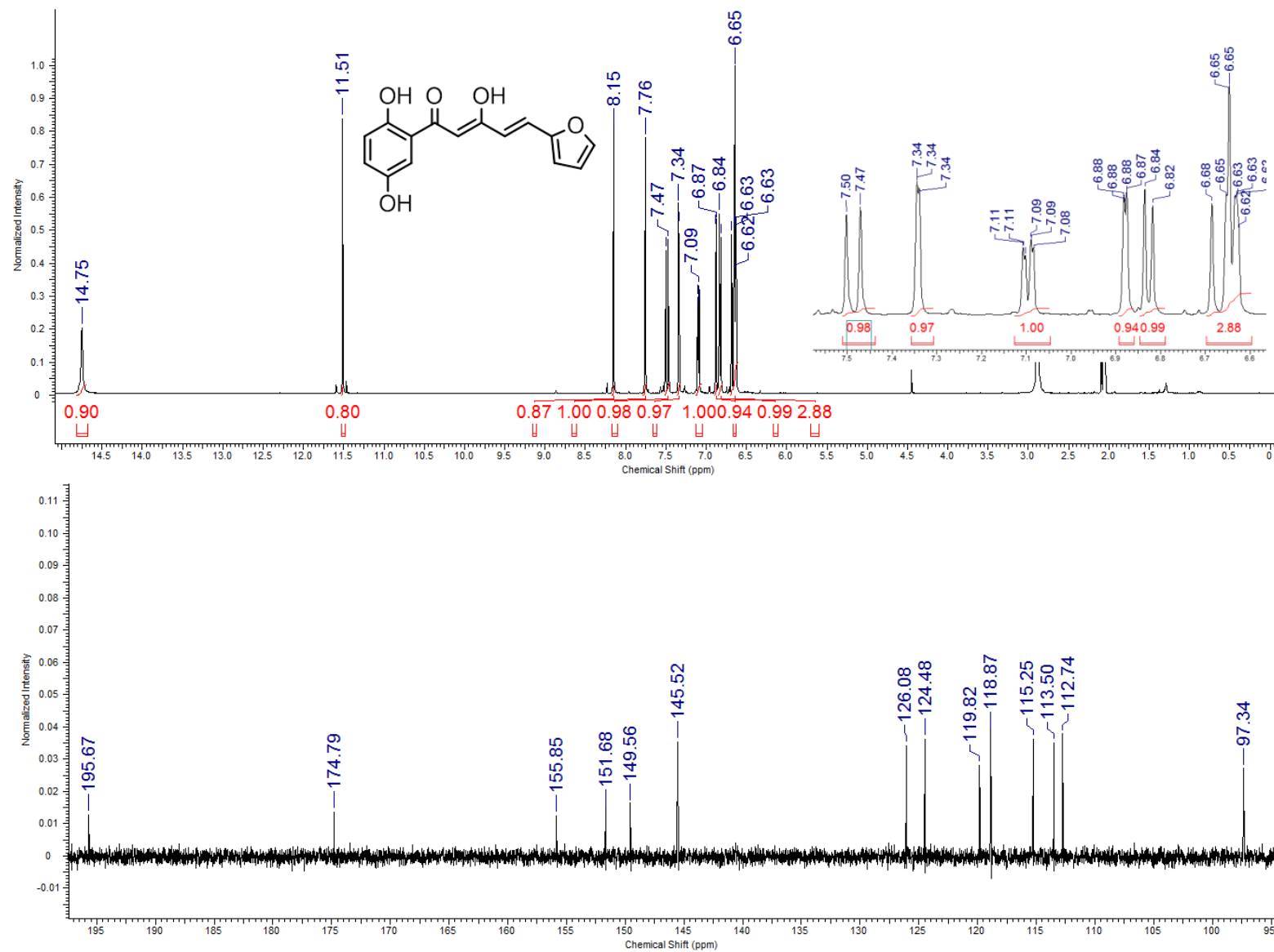


Figure S92. NMR spectra of compound 92.

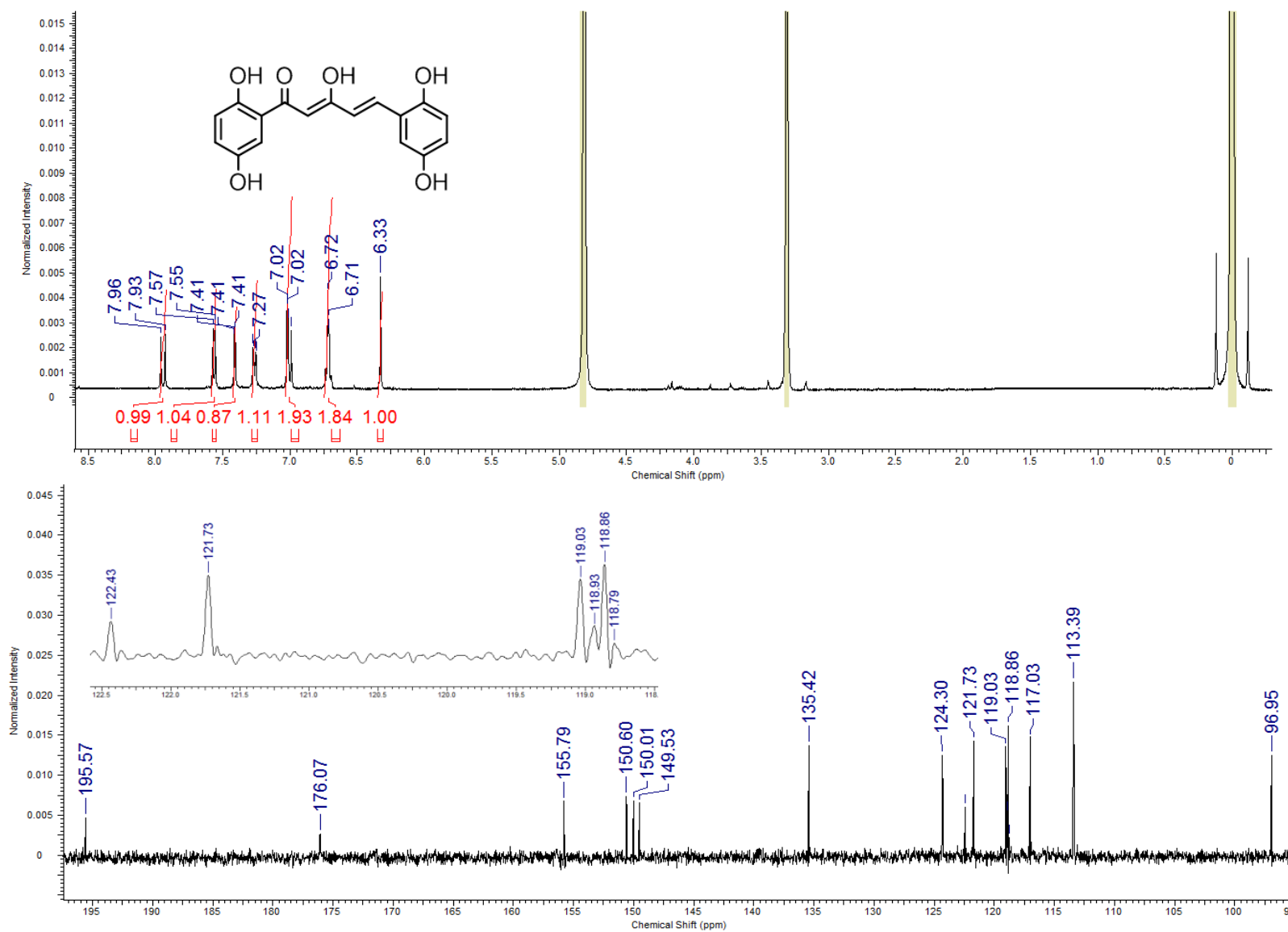


Figure S93. NMR spectra of compound 93.

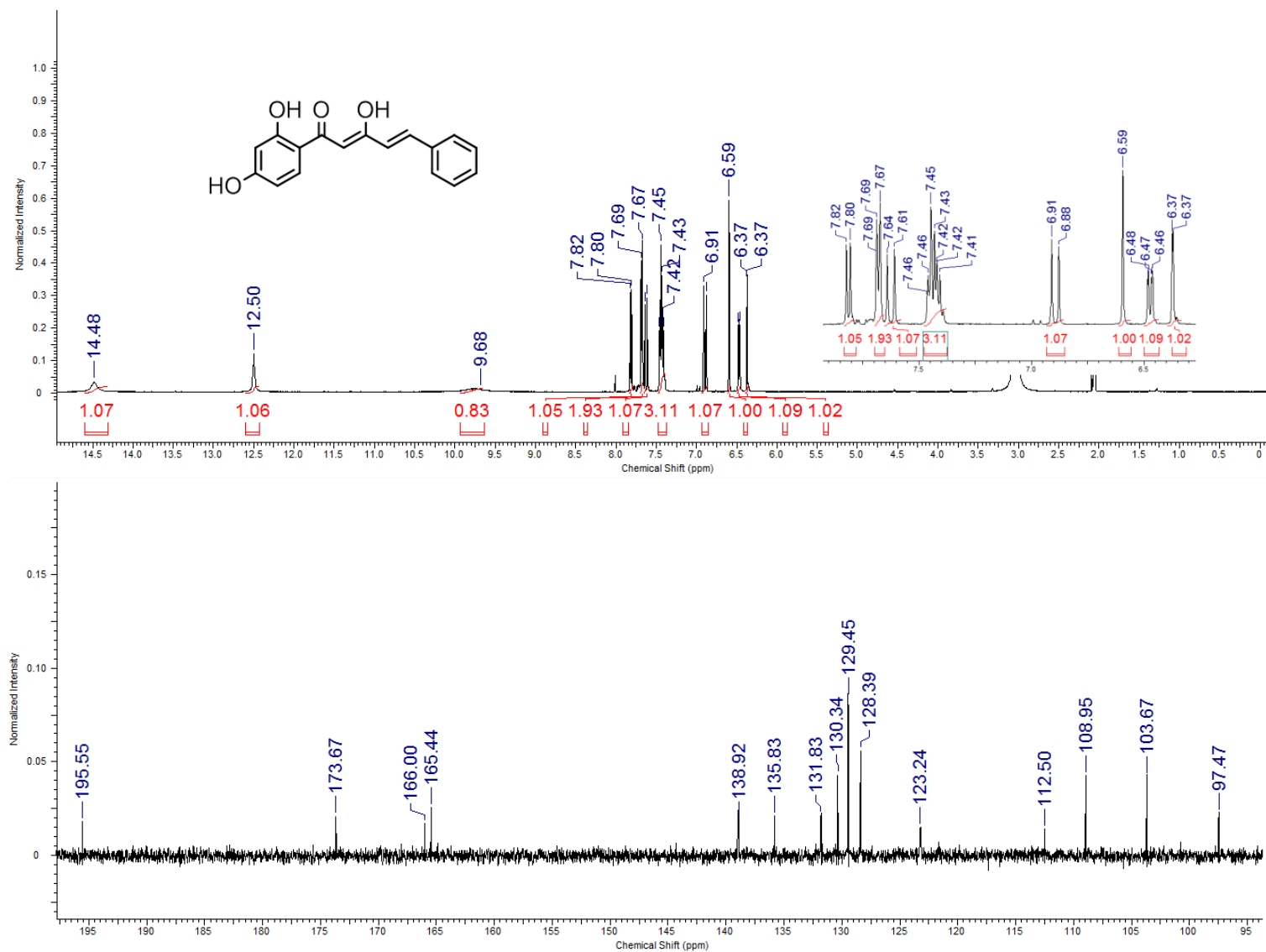


Figure S94. NMR spectra of compound 94.

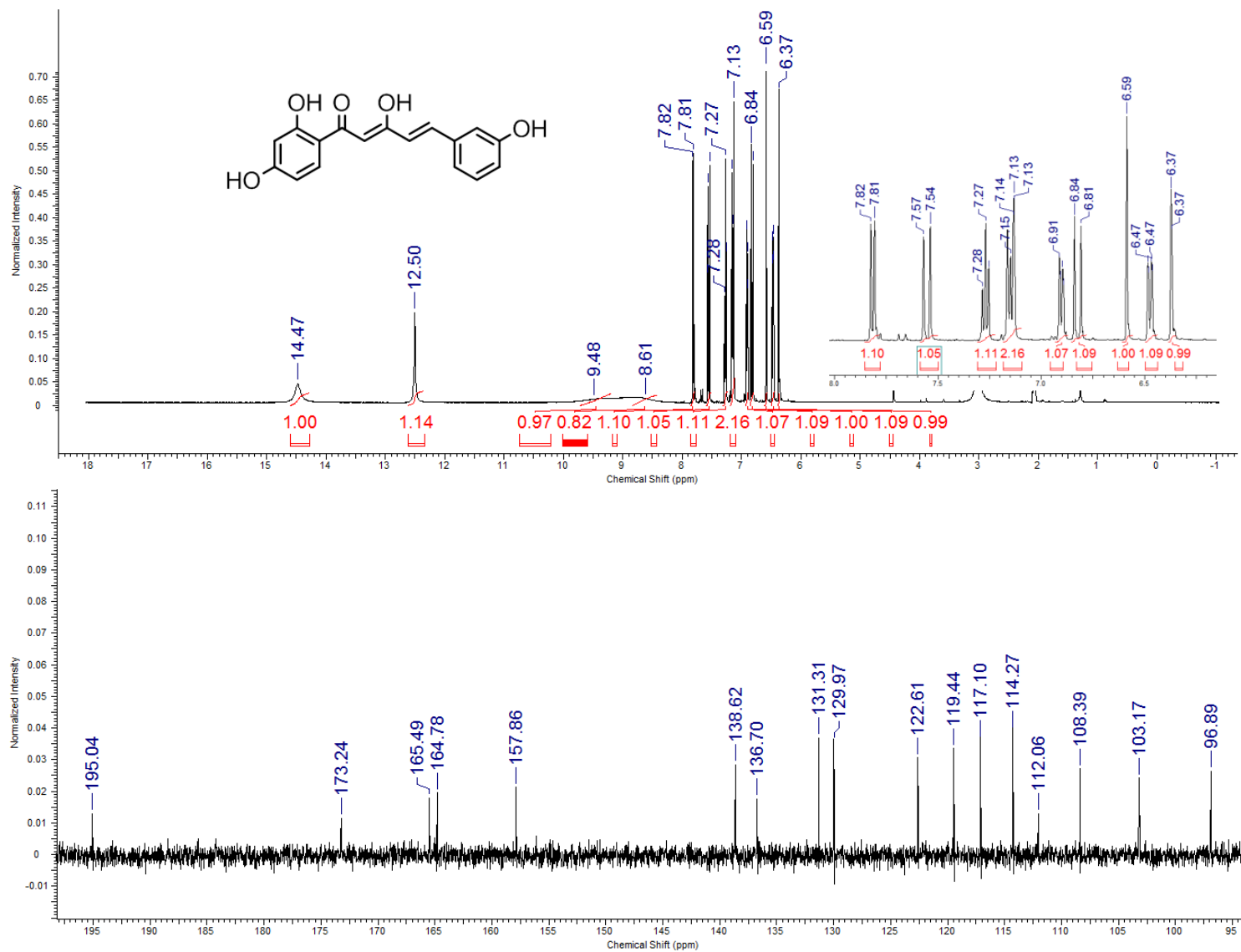


Figure S95. NMR spectra of compound 95.

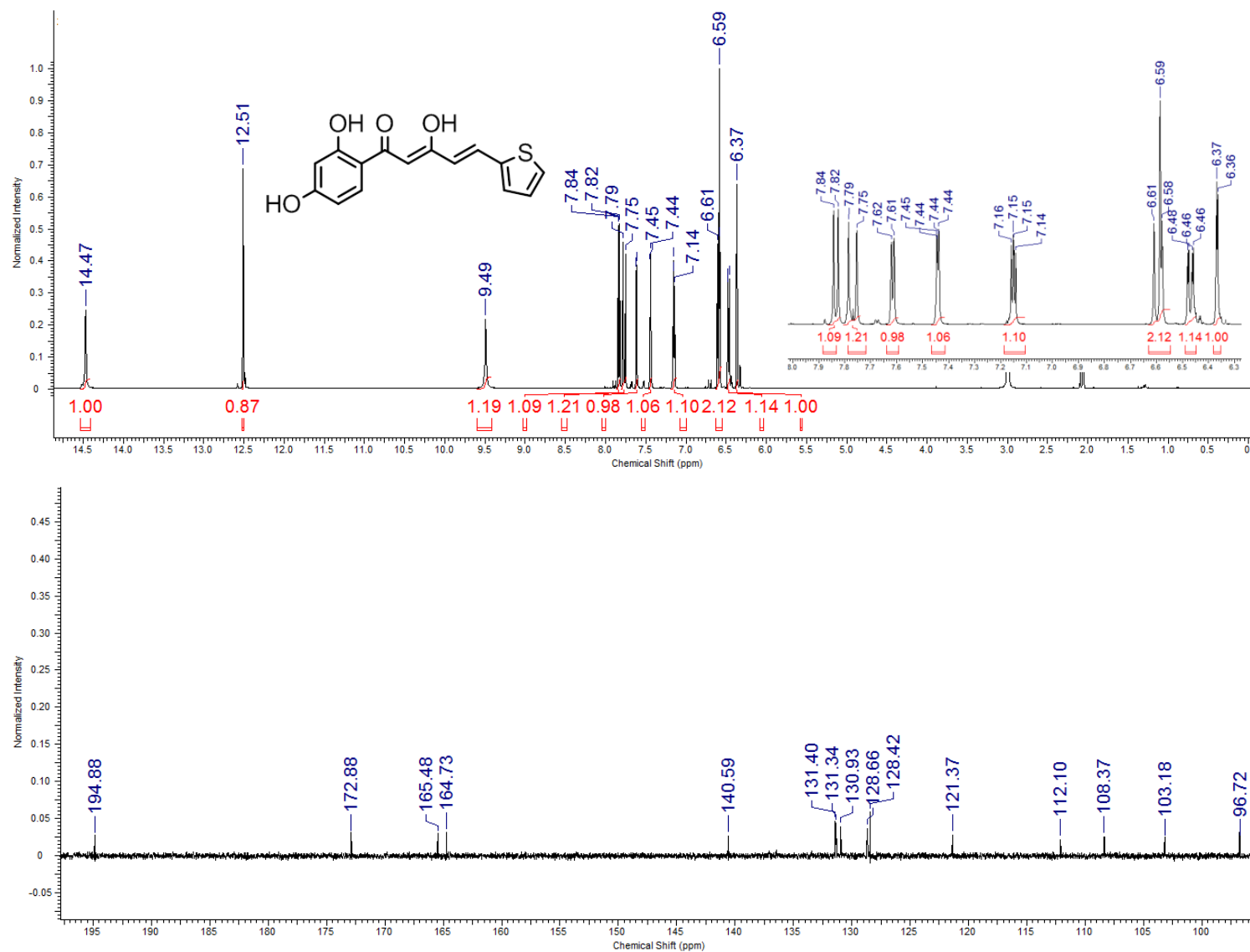


Figure S96. NMR spectra of compound 96.

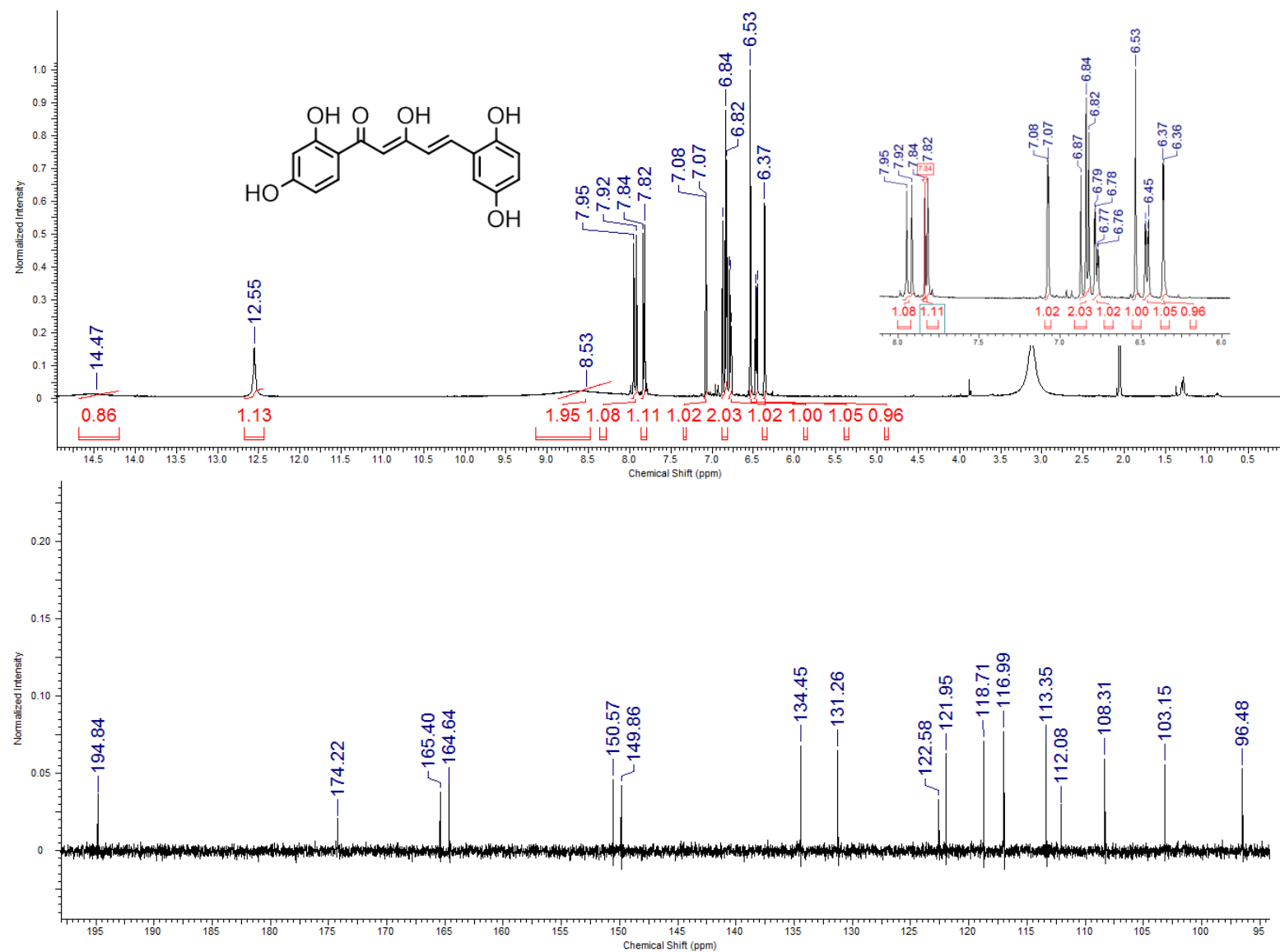


Figure S97. NMR spectra of compound 97.

