

Figure 3 FT-IR (KBr) spectrum of compound GB1

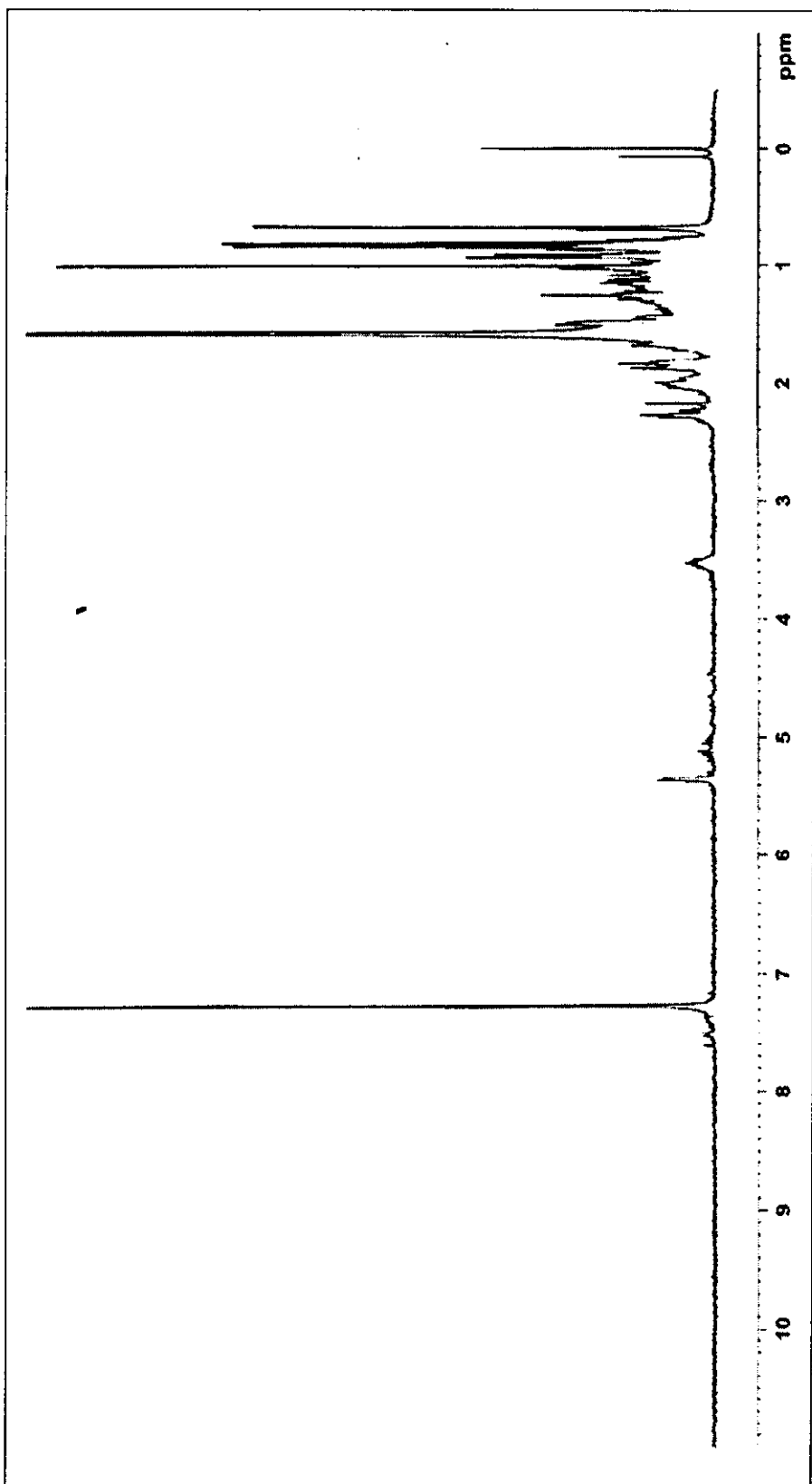


Figure 4 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound GB1

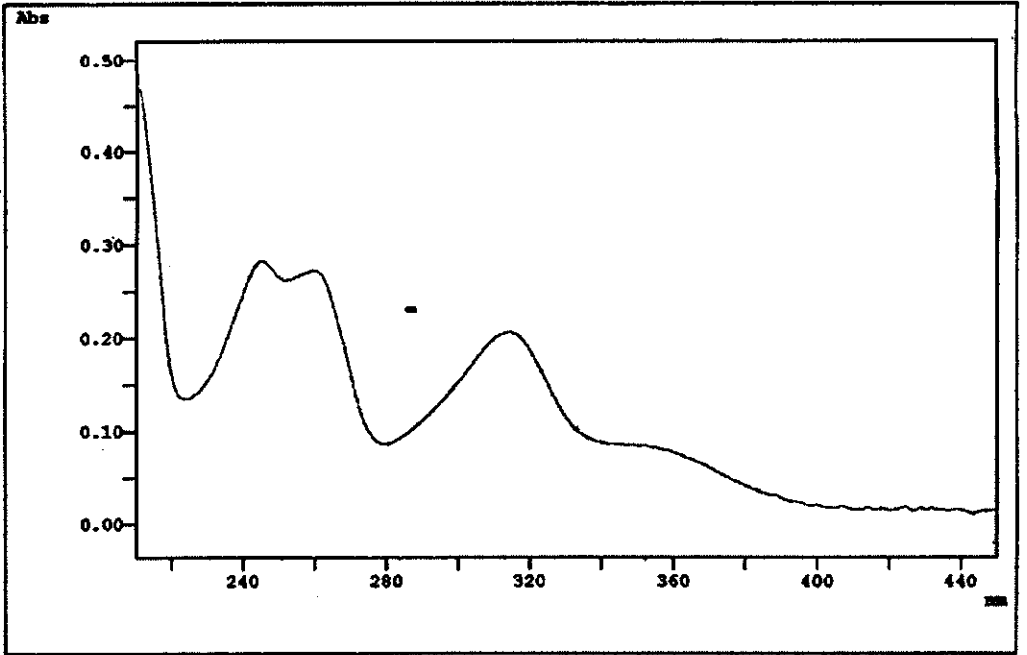


Figure 5 UV (MeOH) spectrum of compound GB2

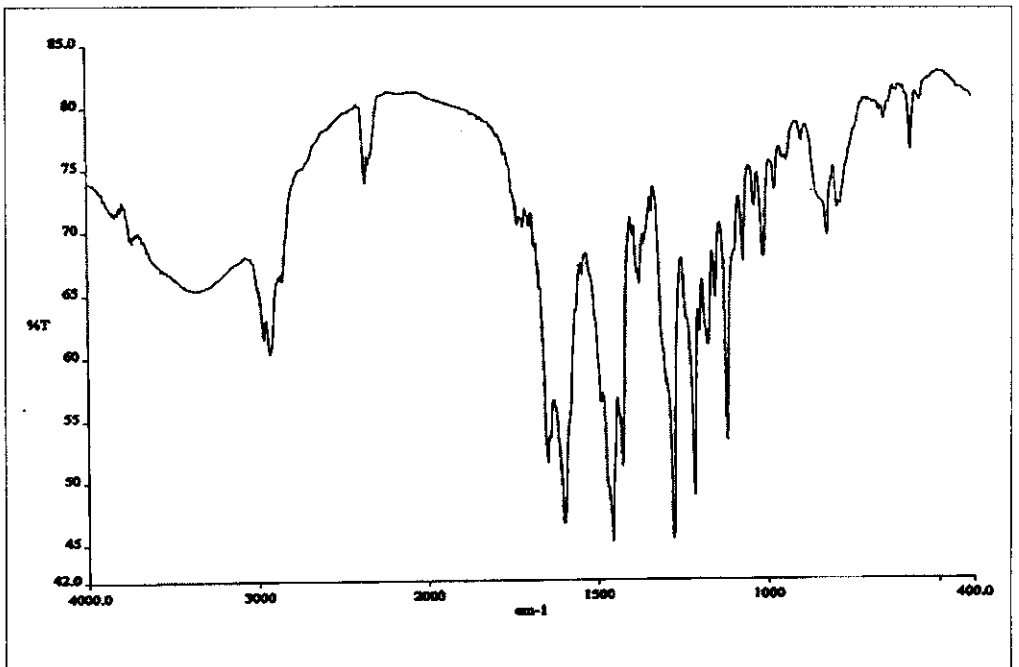


Figure 6 FT-IR (KBr) spectrum of compound GB2

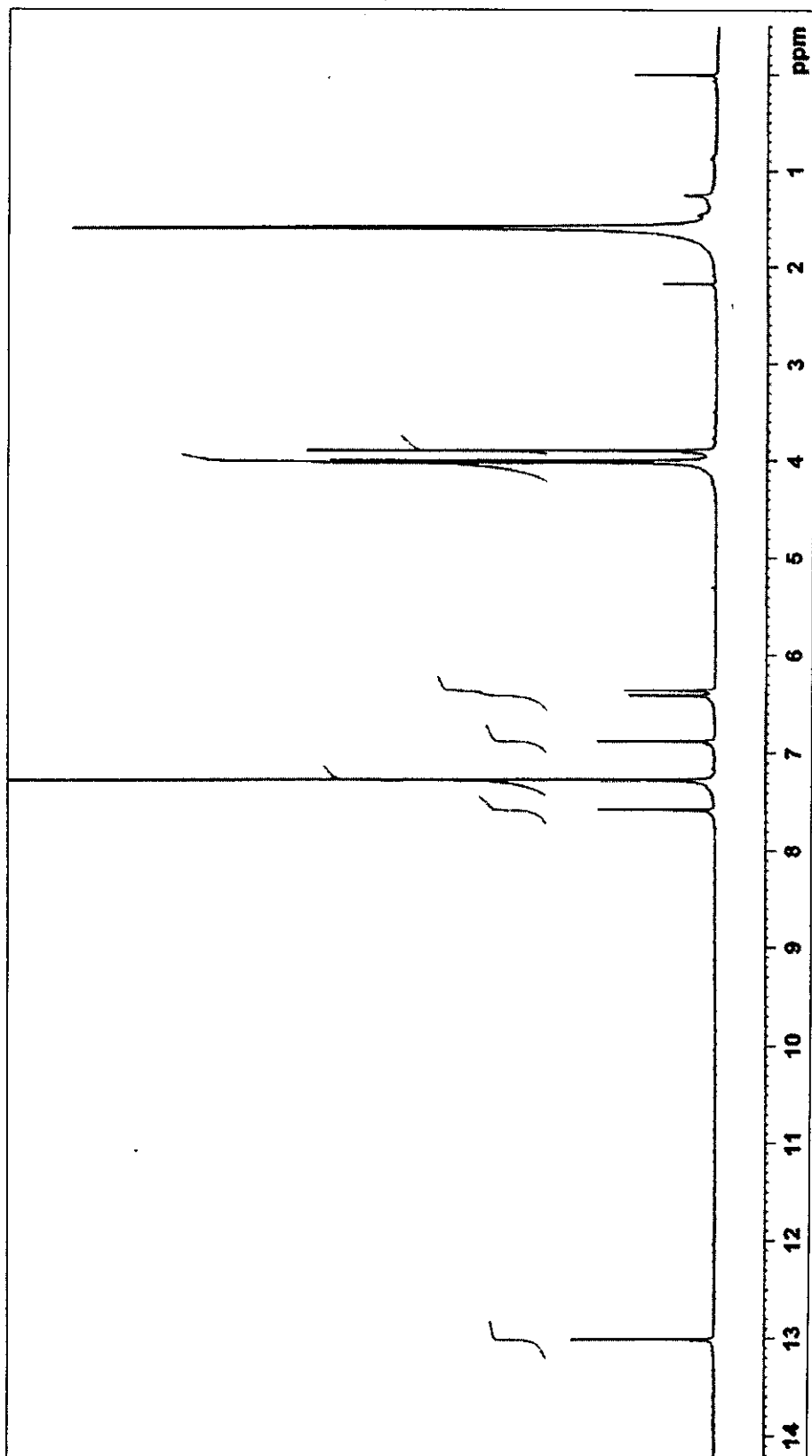


Figure 7 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound GB2

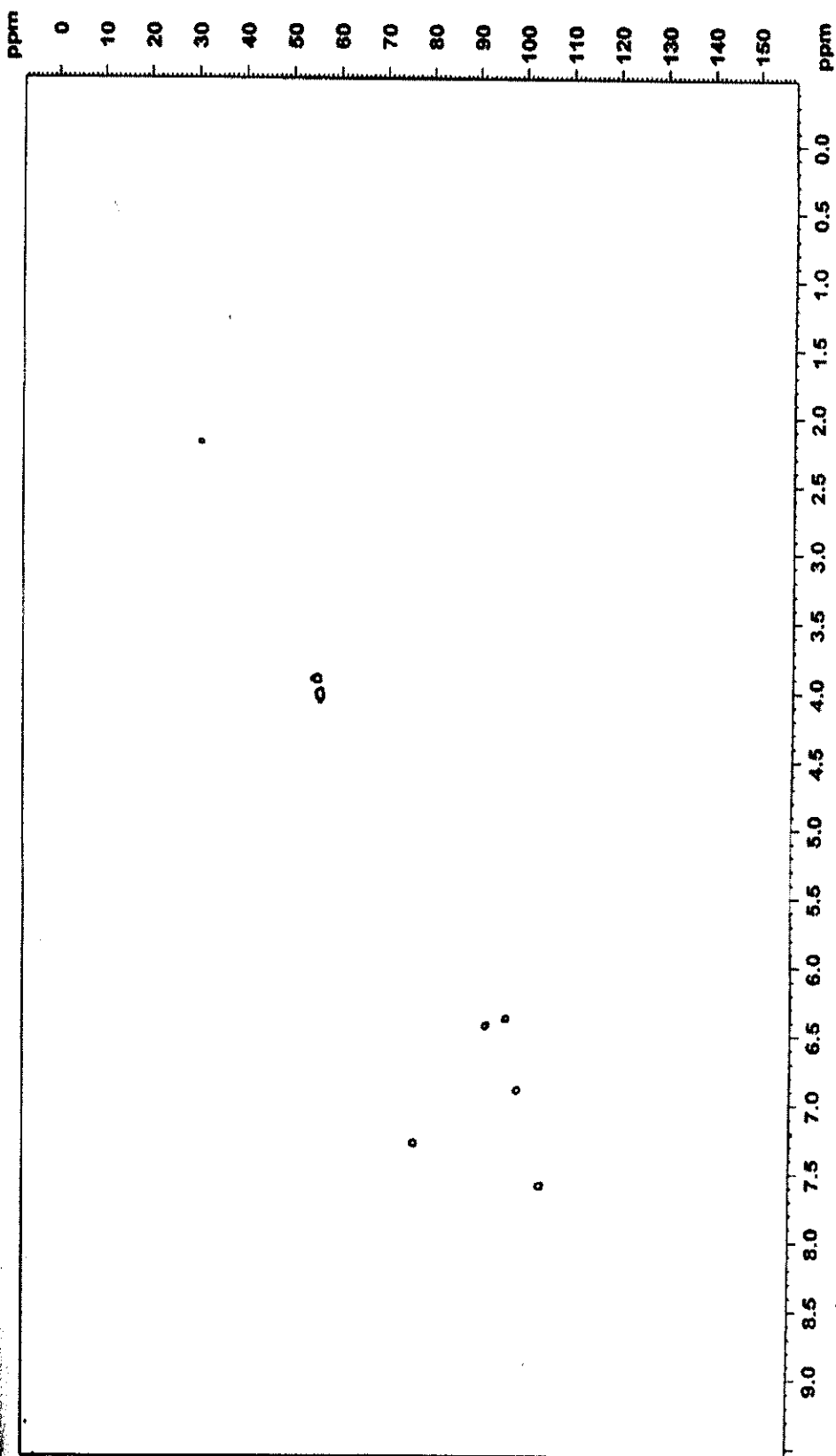


Figure 8 2D HMQC spectrum of compound GB2

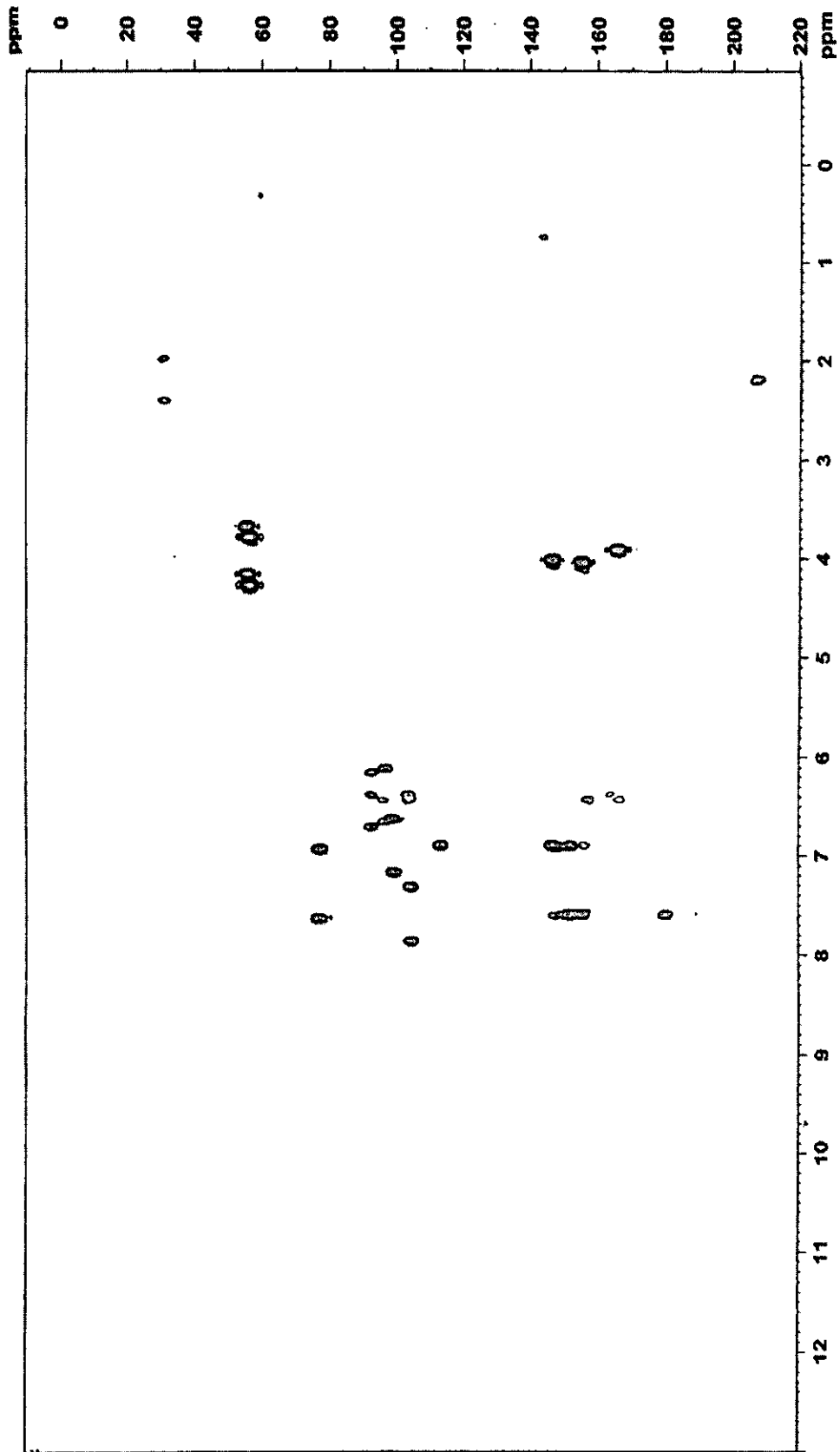


Figure 9 2D HMBC spectrum of compound GB2

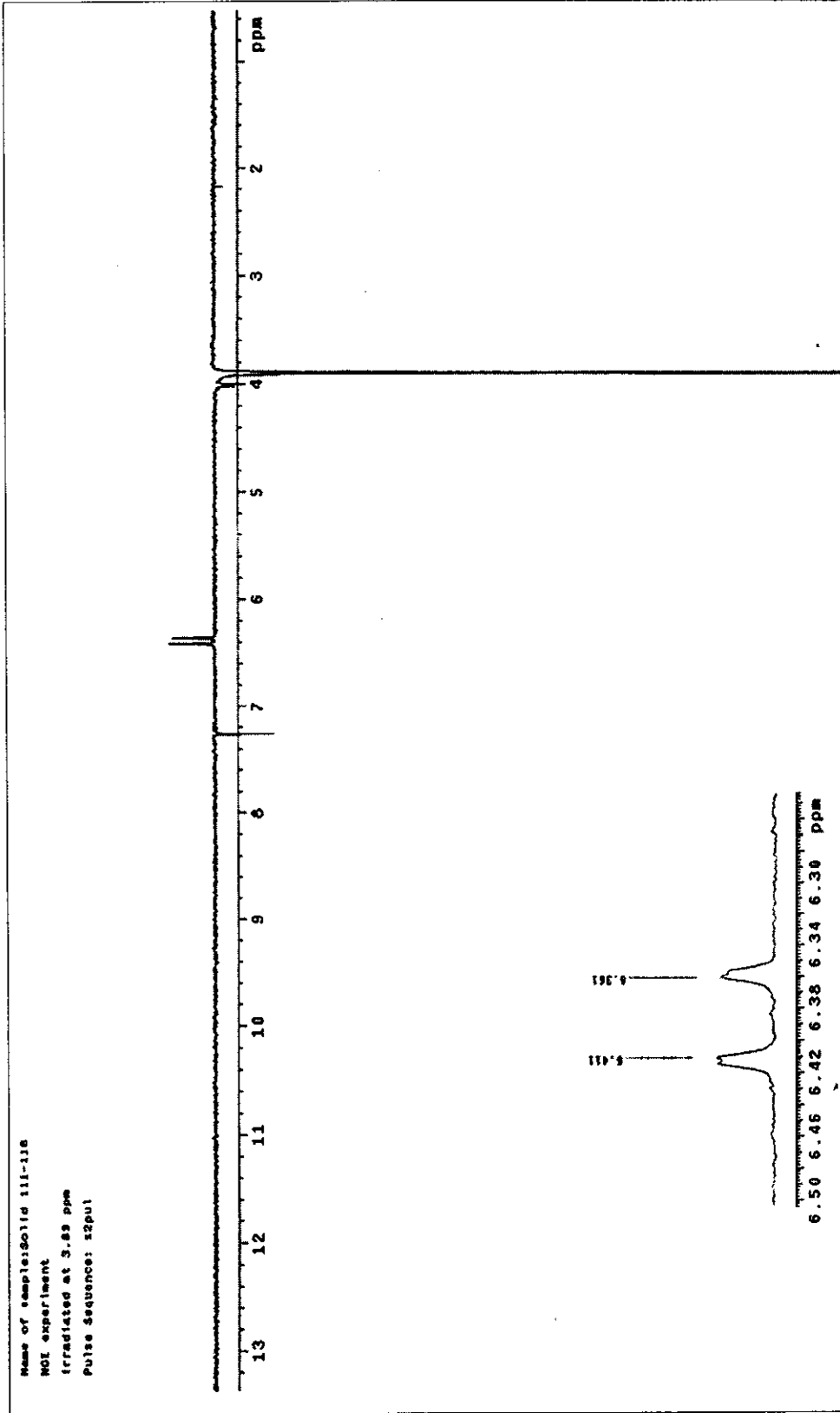


Figure 10 NOEDIFF spectrum of compound GB2 after irradiation at δ_{H} 3.89

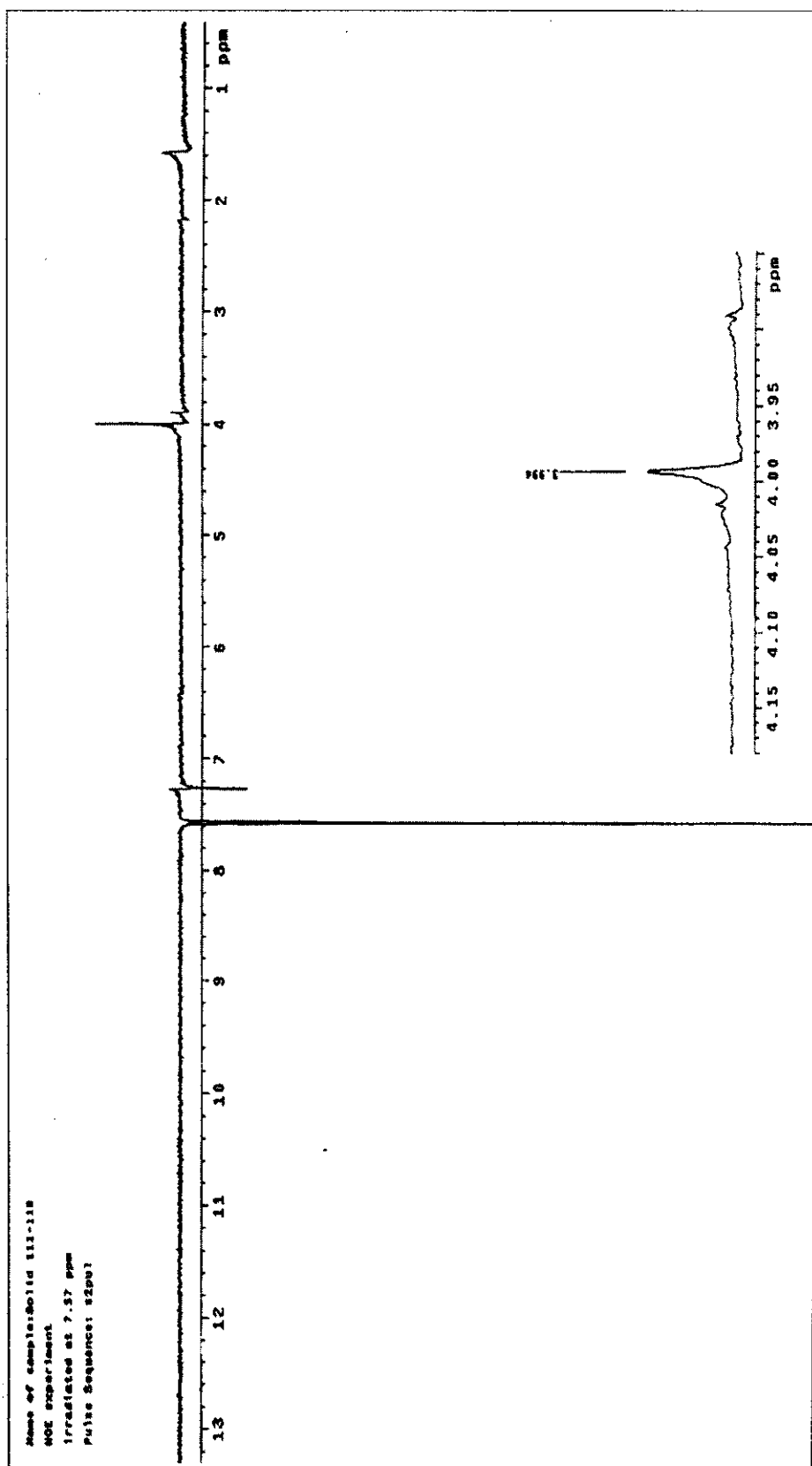


Figure 11 NOEDIFF spectrum of compound GB2 after irradiation at δ_{H} 7.57

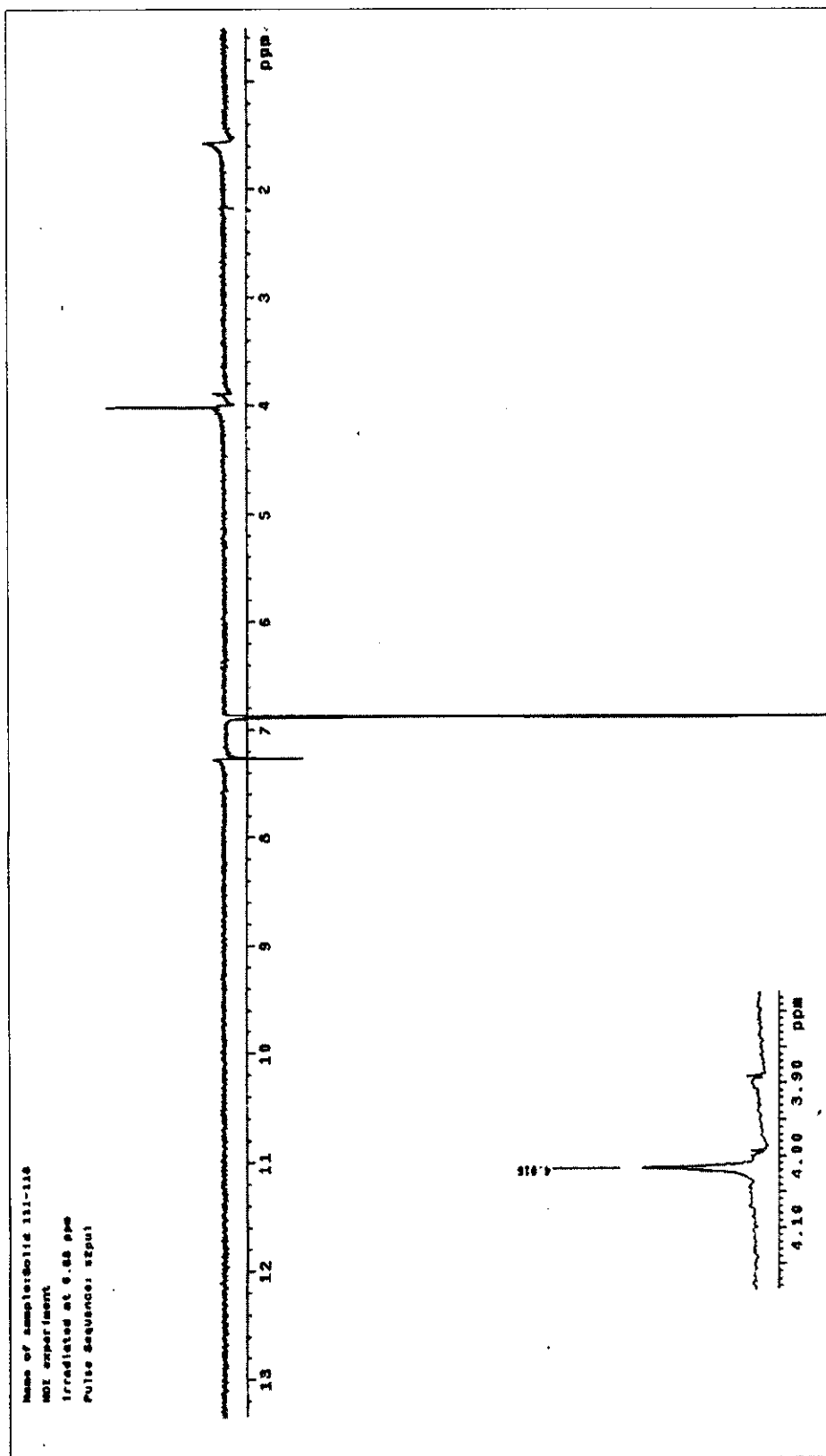


Figure 12 NOEDIFF spectrum of compound GB2 after irradiation at δ_{H} 6.88

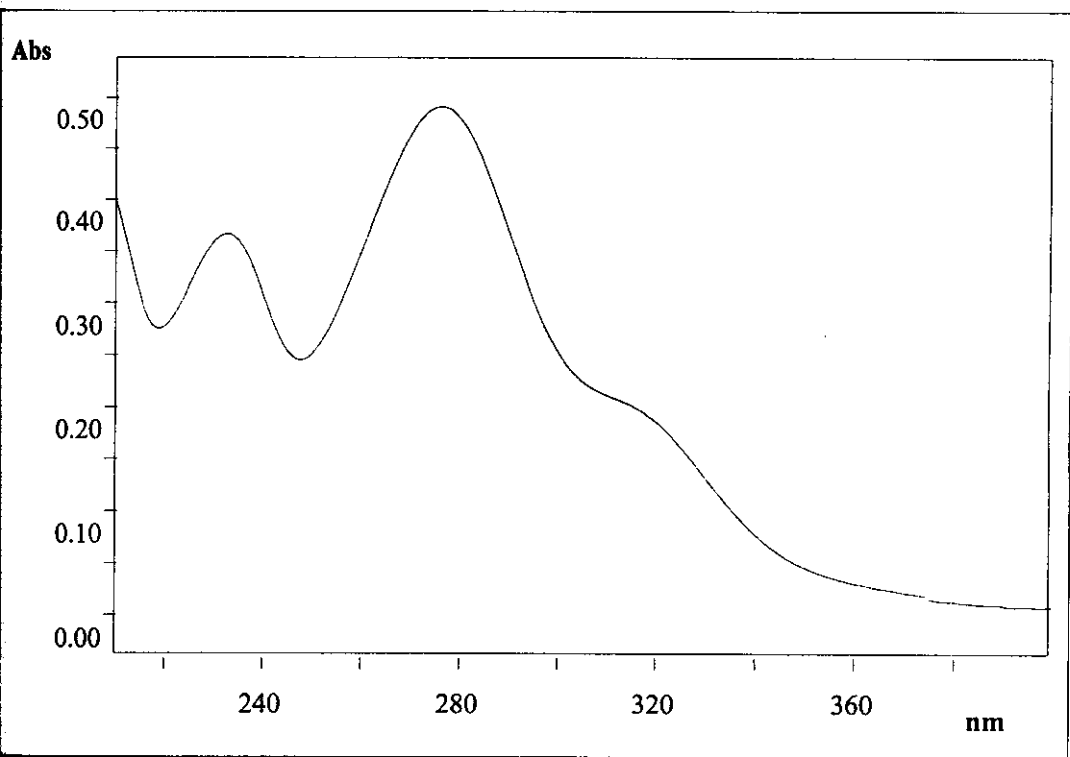


Figure 13 UV (MeOH) spectrum of compound GB3

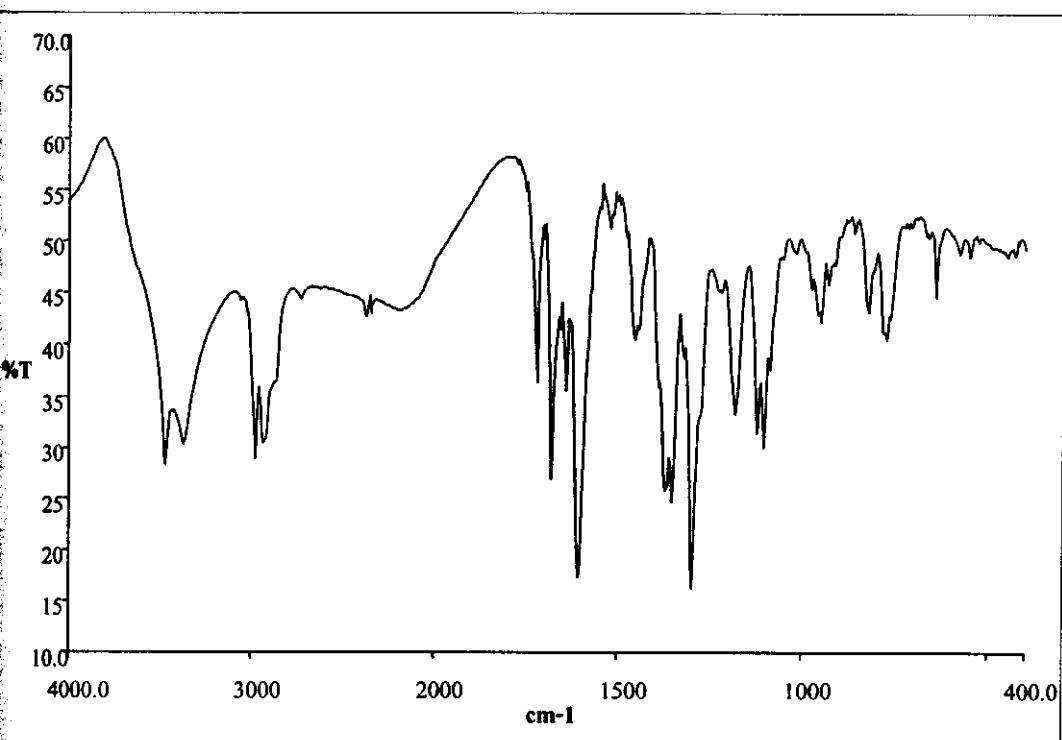


Figure 14 FT-IR (KBr) spectrum of compound GB3

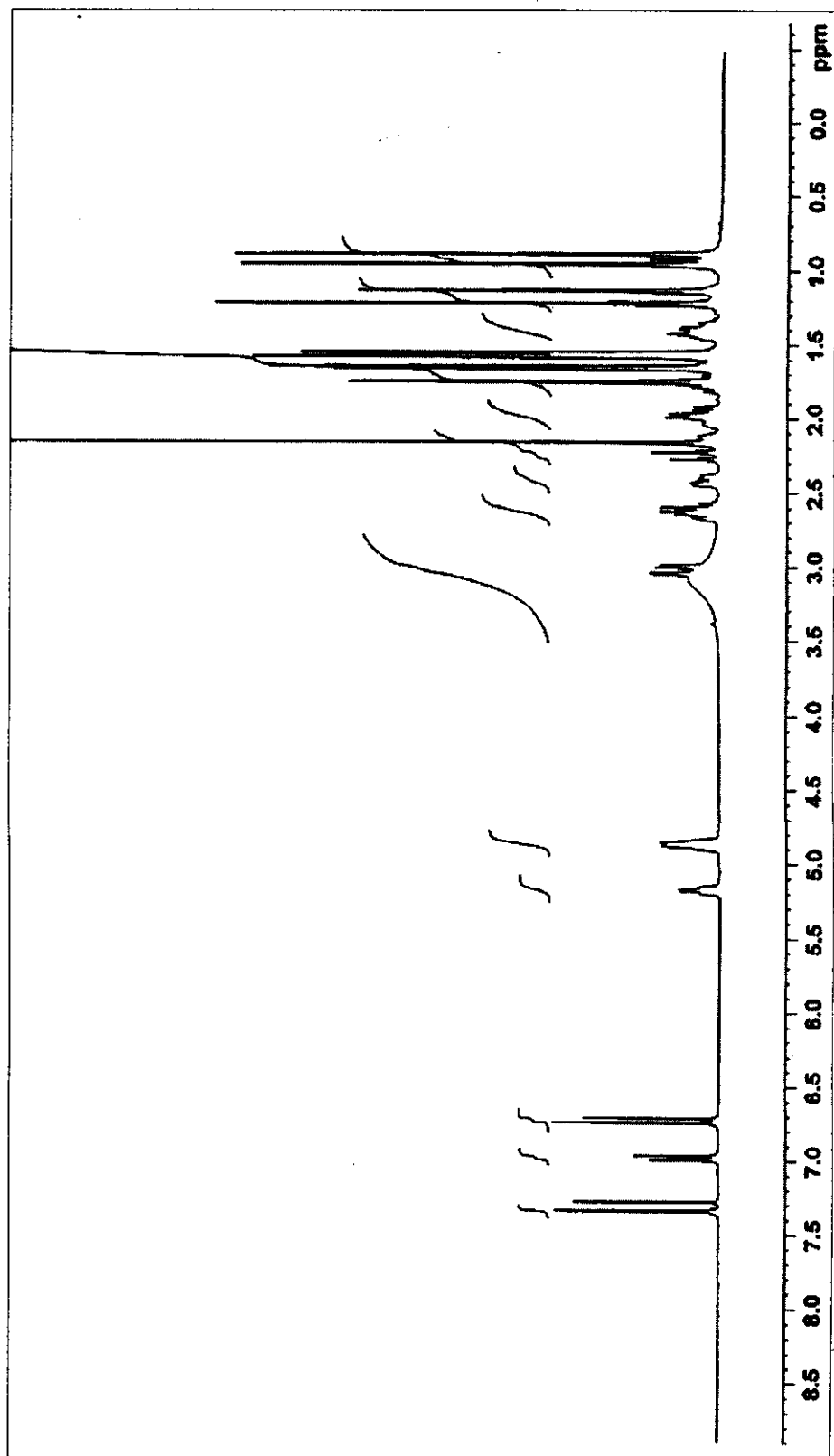


Figure 15 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound GB3

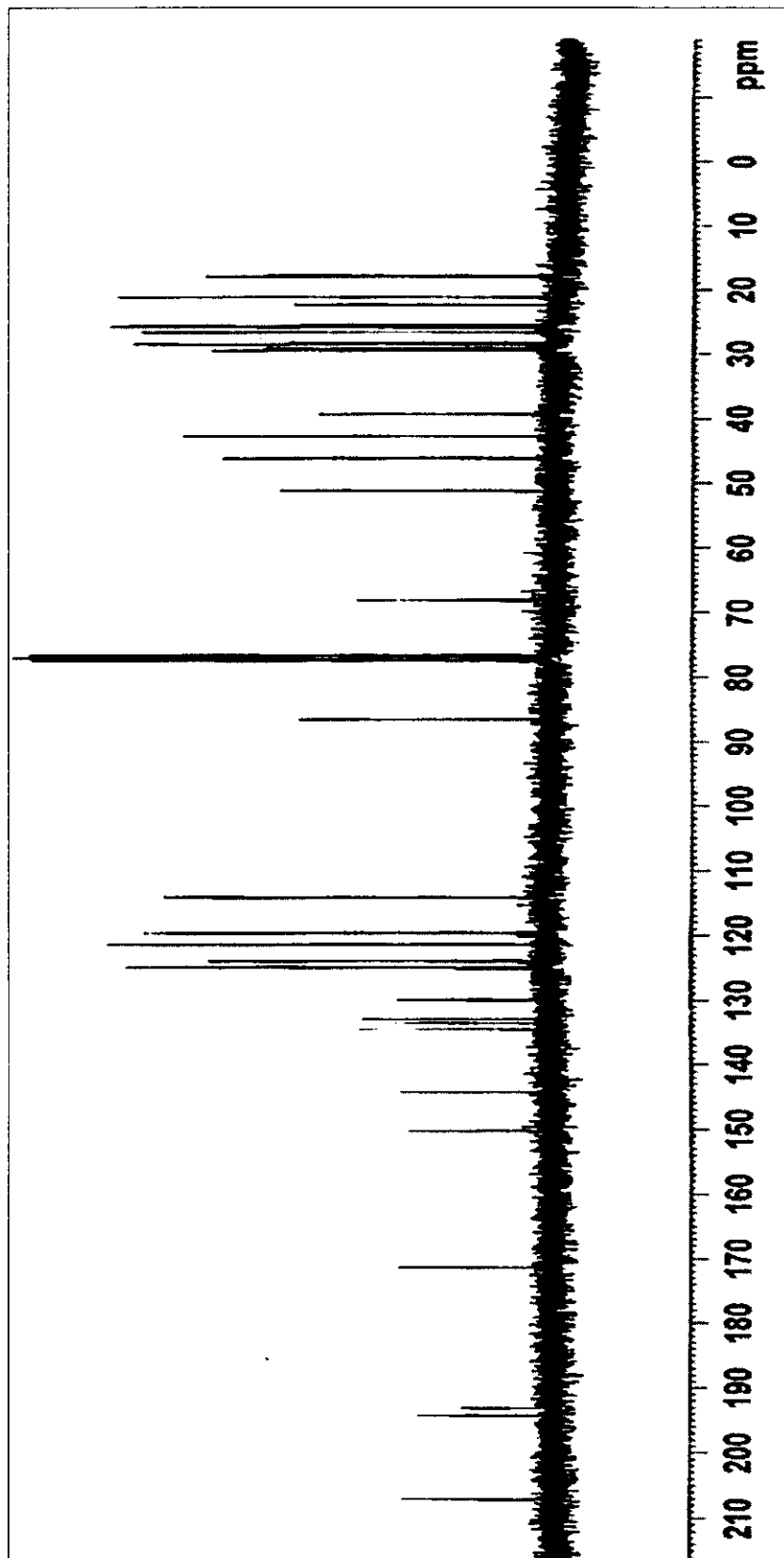


Figure 16 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound GB3

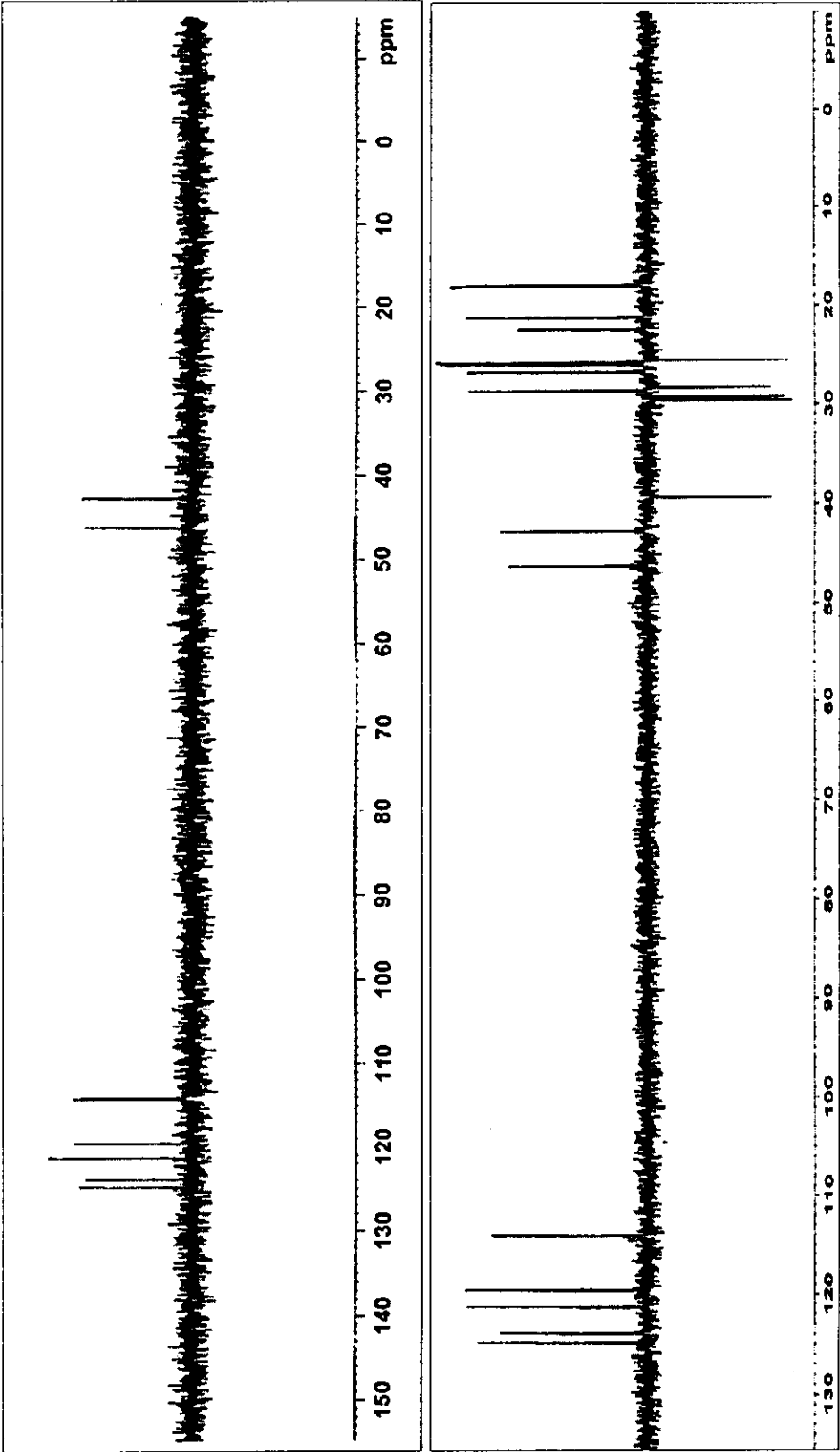


Figure 17 DEPT spectrum of compound GB3

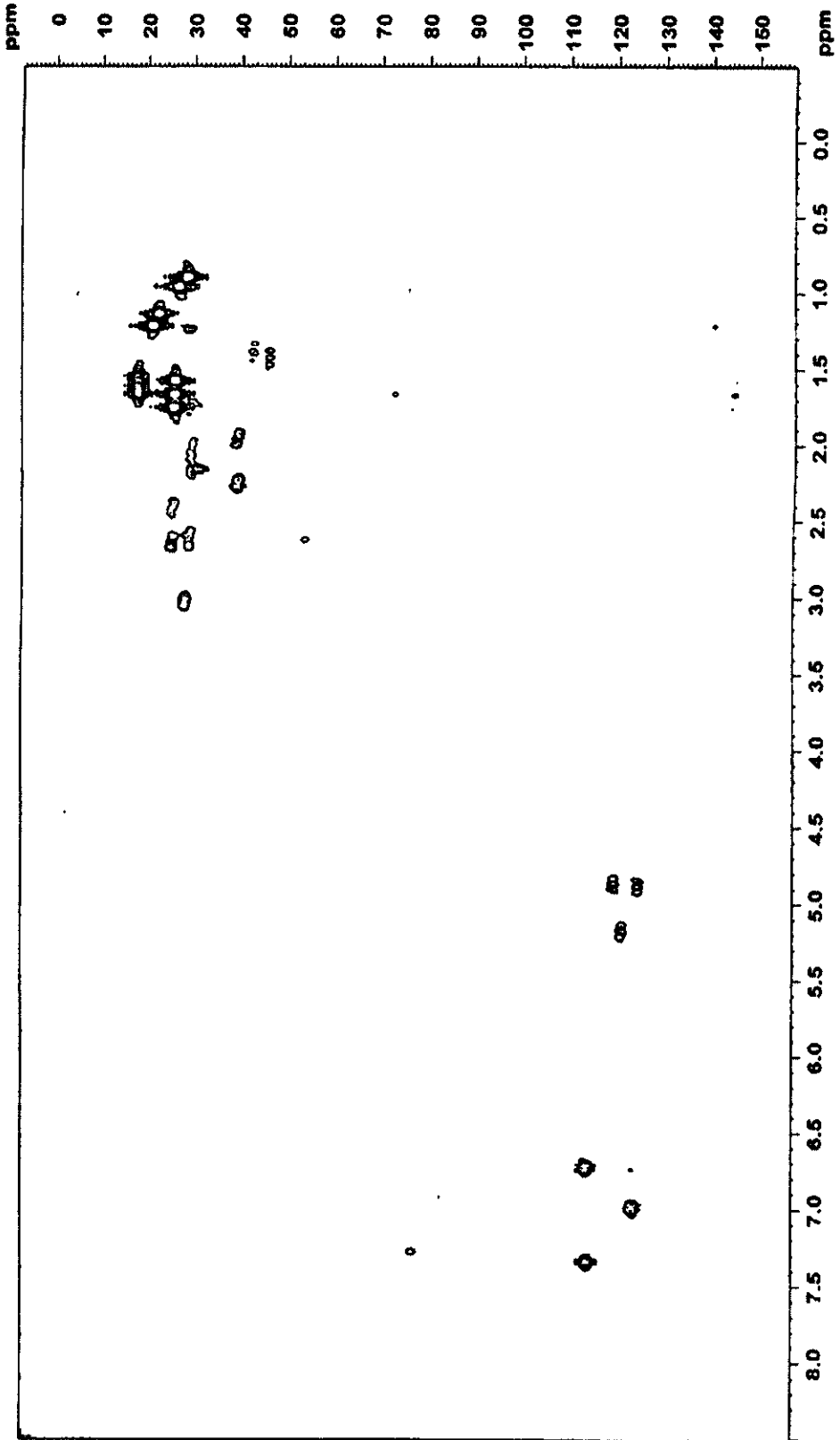


Figure 18 2D HMQC spectrum of compound GB3

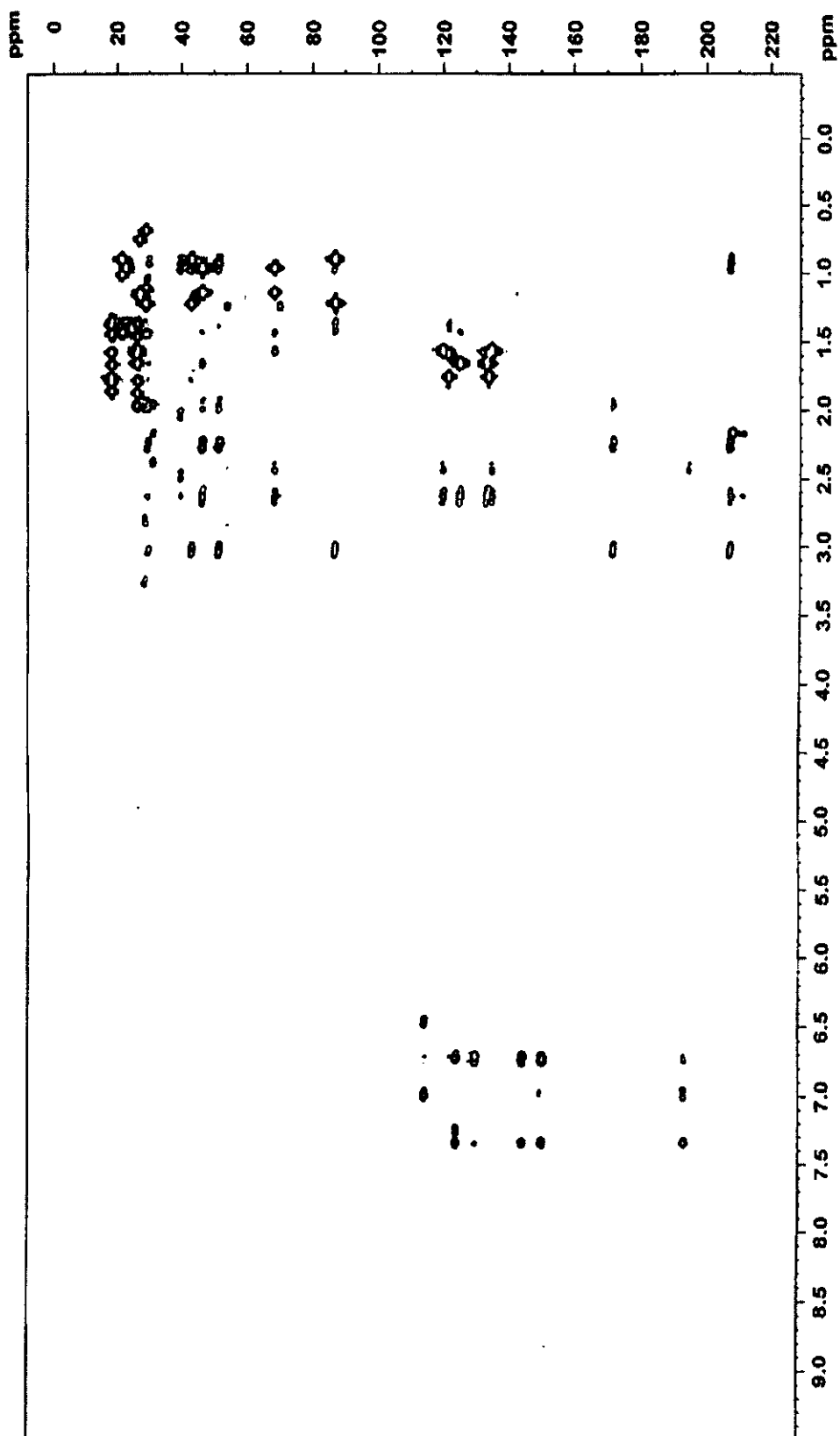


Figure 19 2D HMBC spectrum of compound GB3

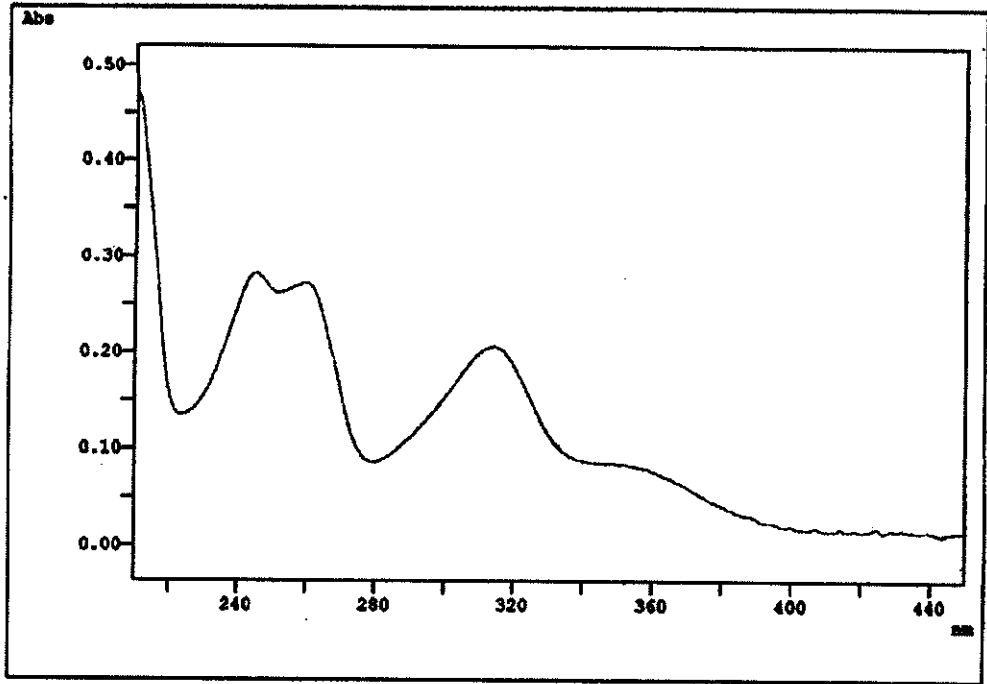


Figure 20 UV (MeOH) spectrum of compound W1

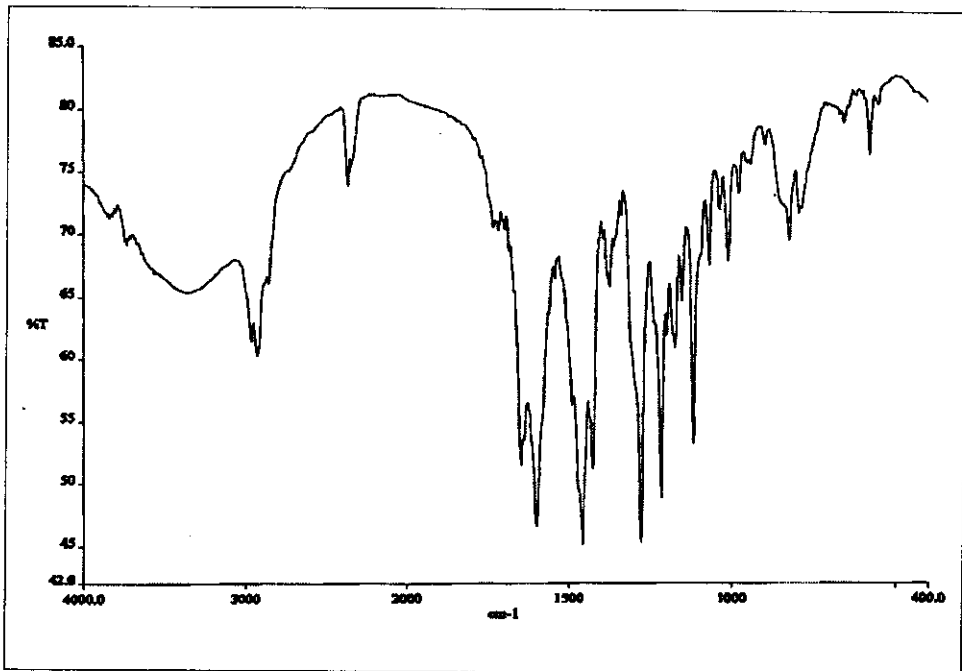


Figure 21 FT-IR (KBr) spectrum of compound W1

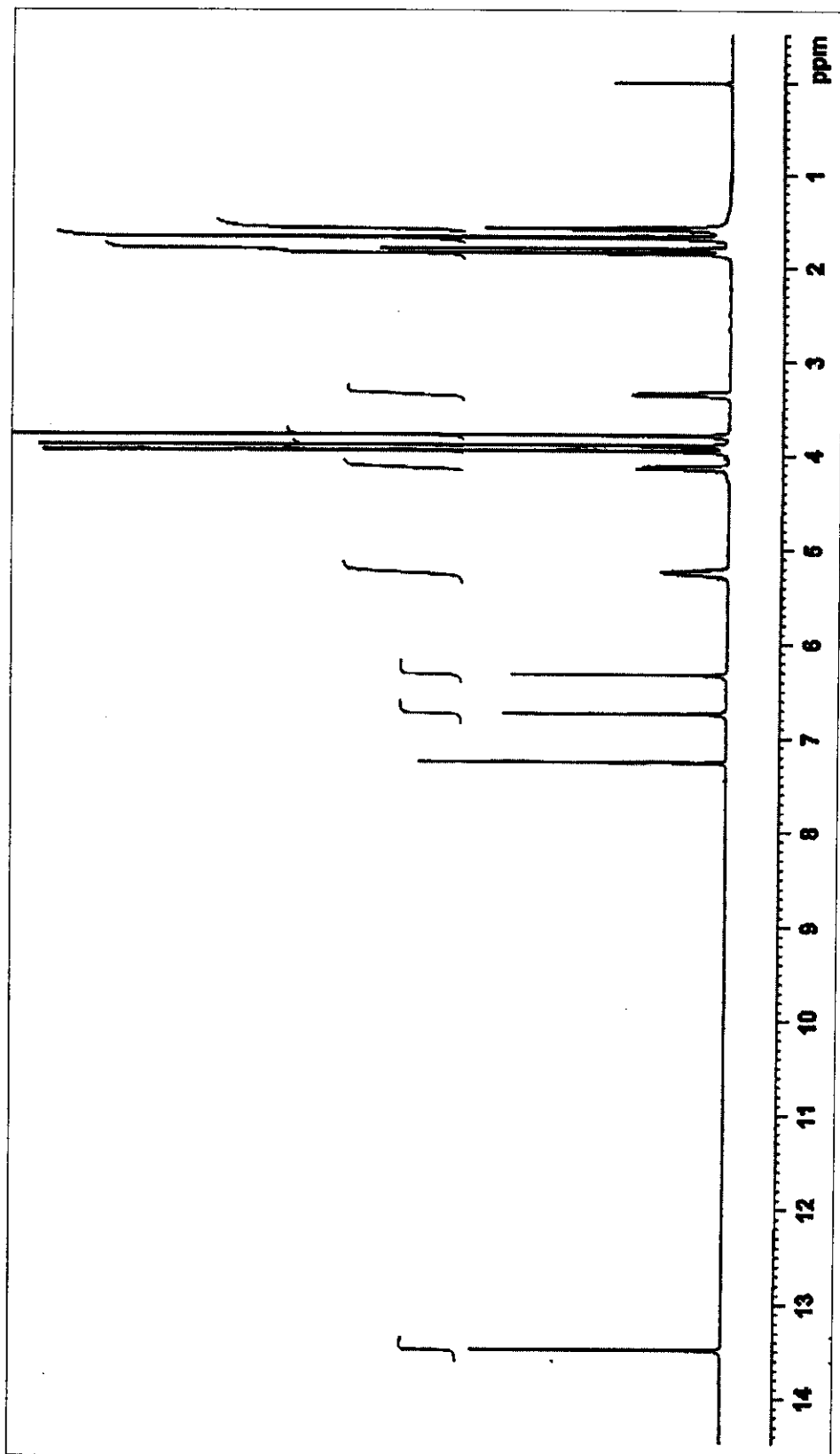


Figure 22 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W1

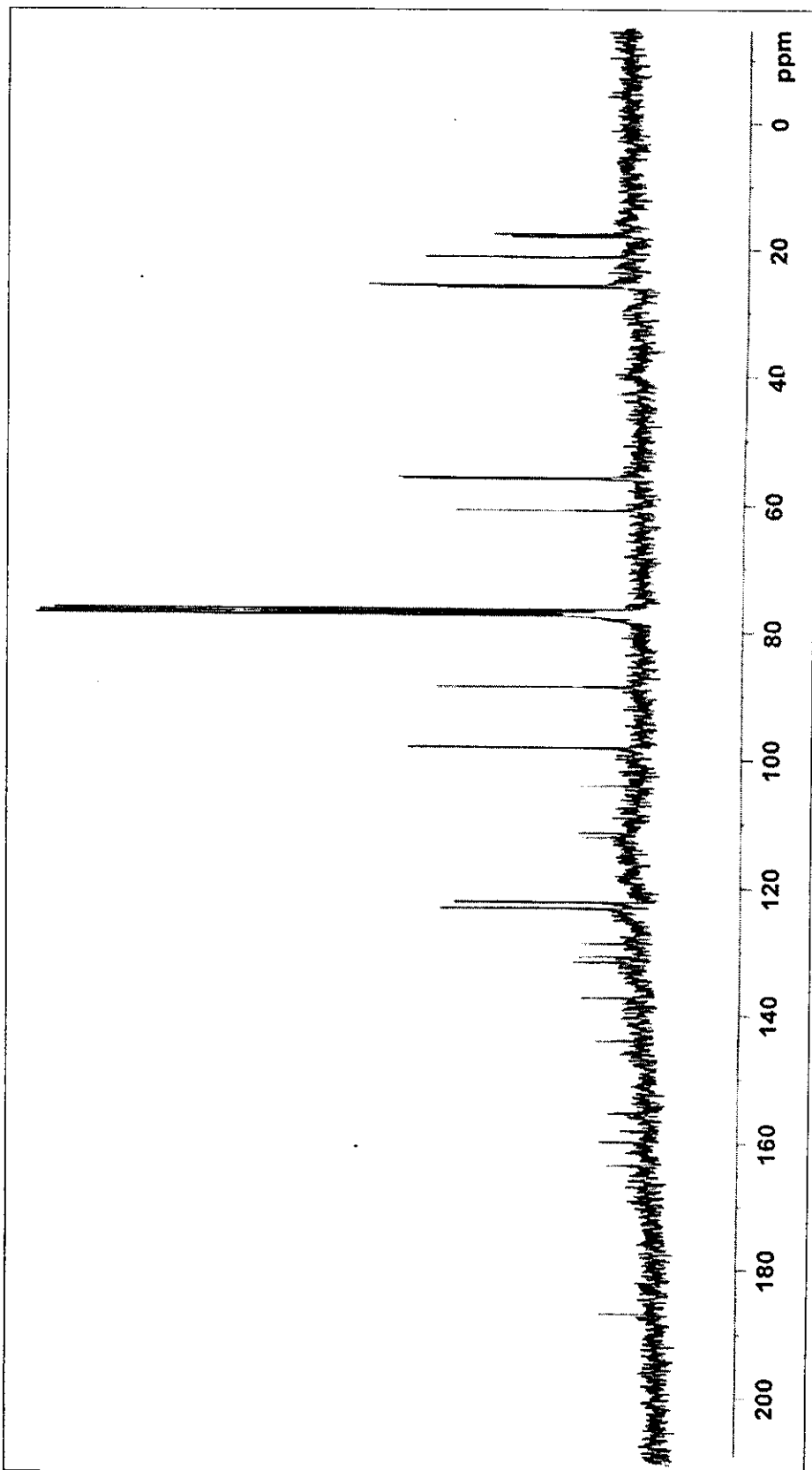


Figure 23 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W1

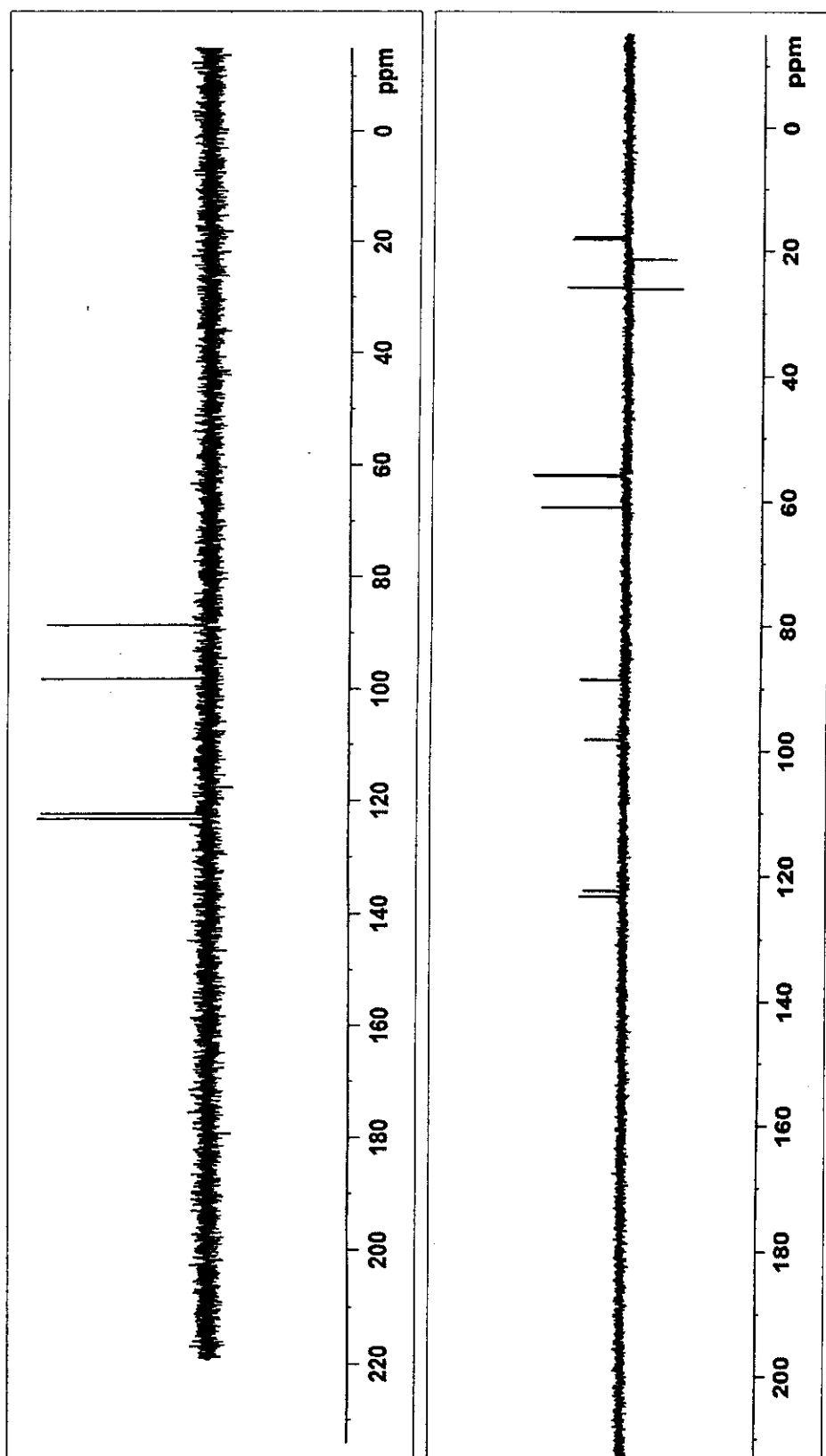


Figure 24 DEPT spectrum of compound WI

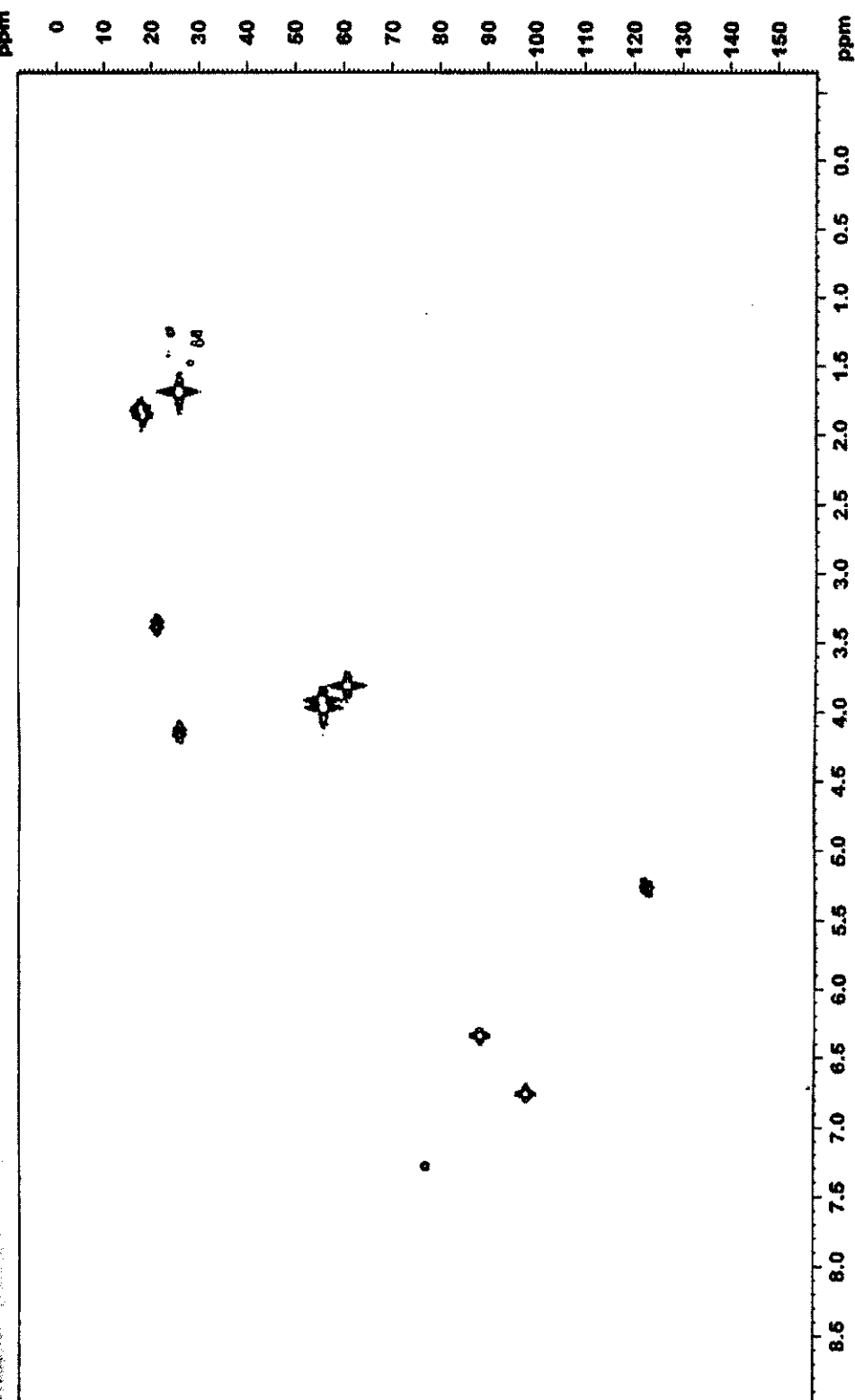


Figure 25 2D HMQC spectrum of compound W1

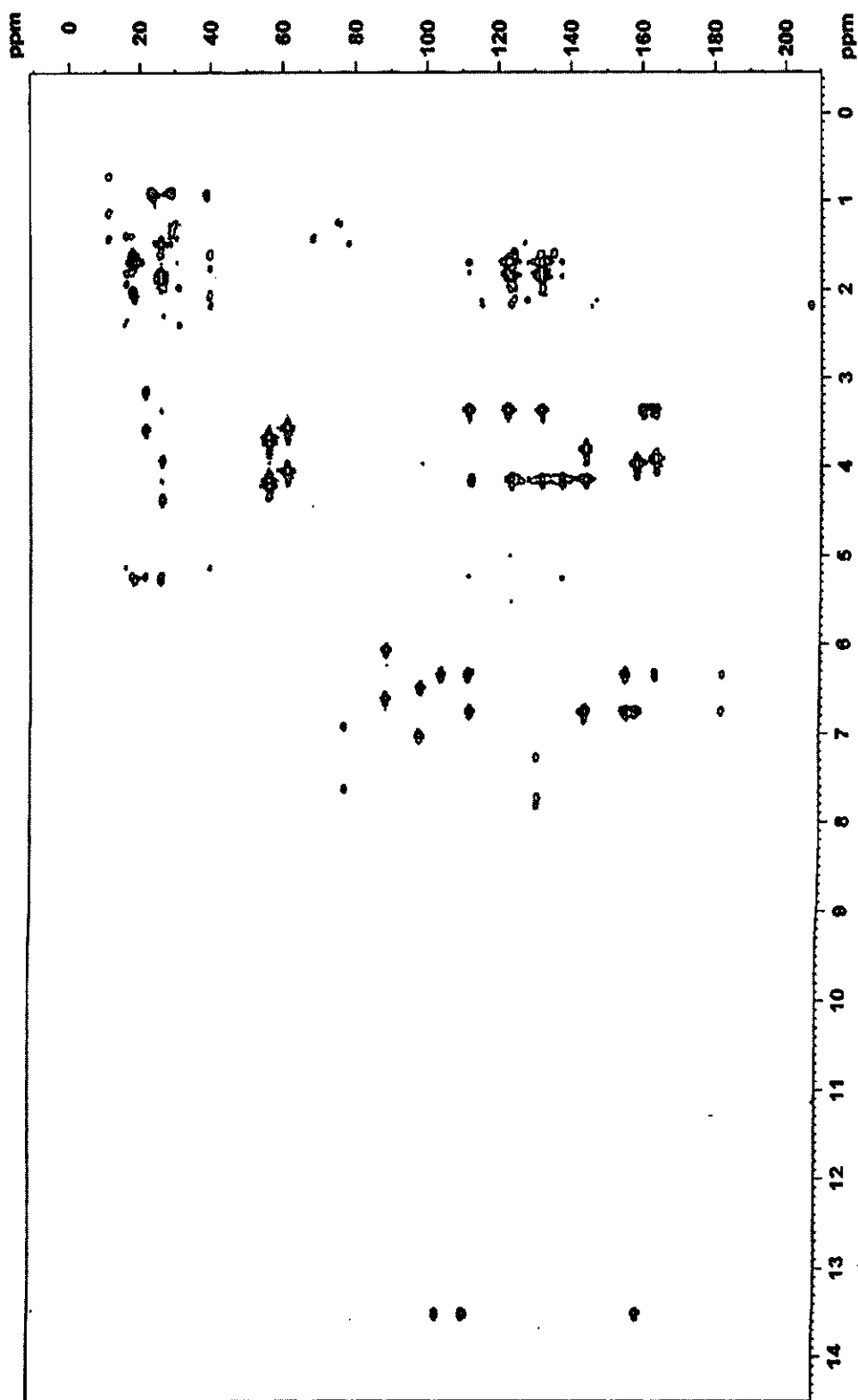


Figure 26 2D HMBC spectrum of compound W1

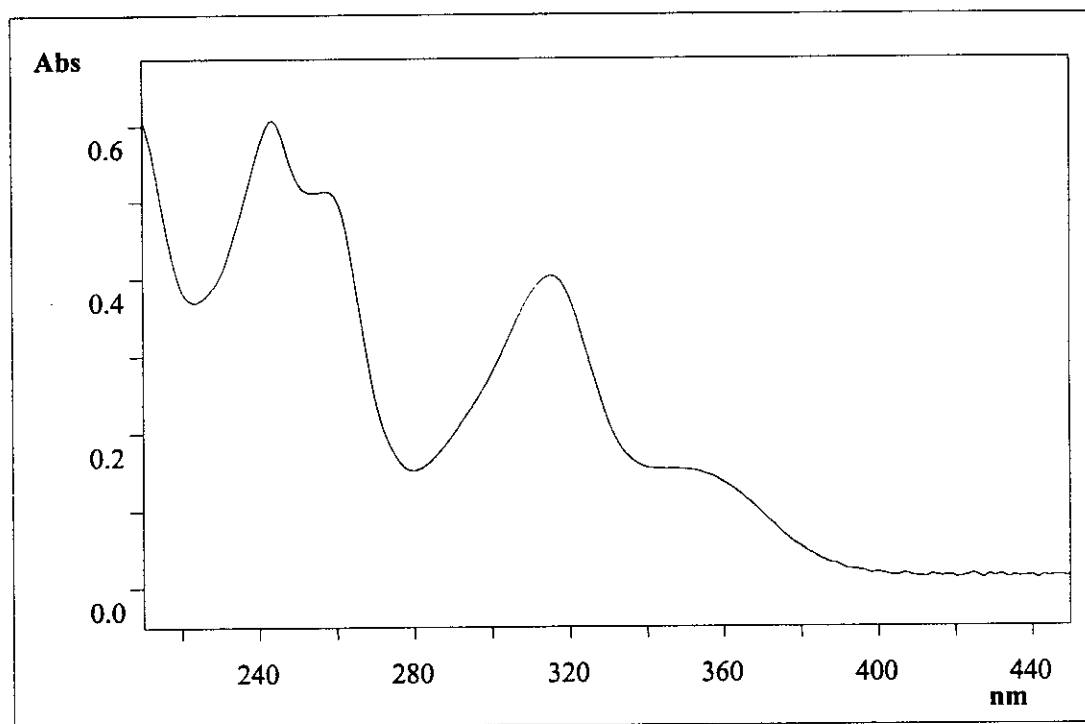


Figure 27 UV (MeOH) spectrum of compound W2

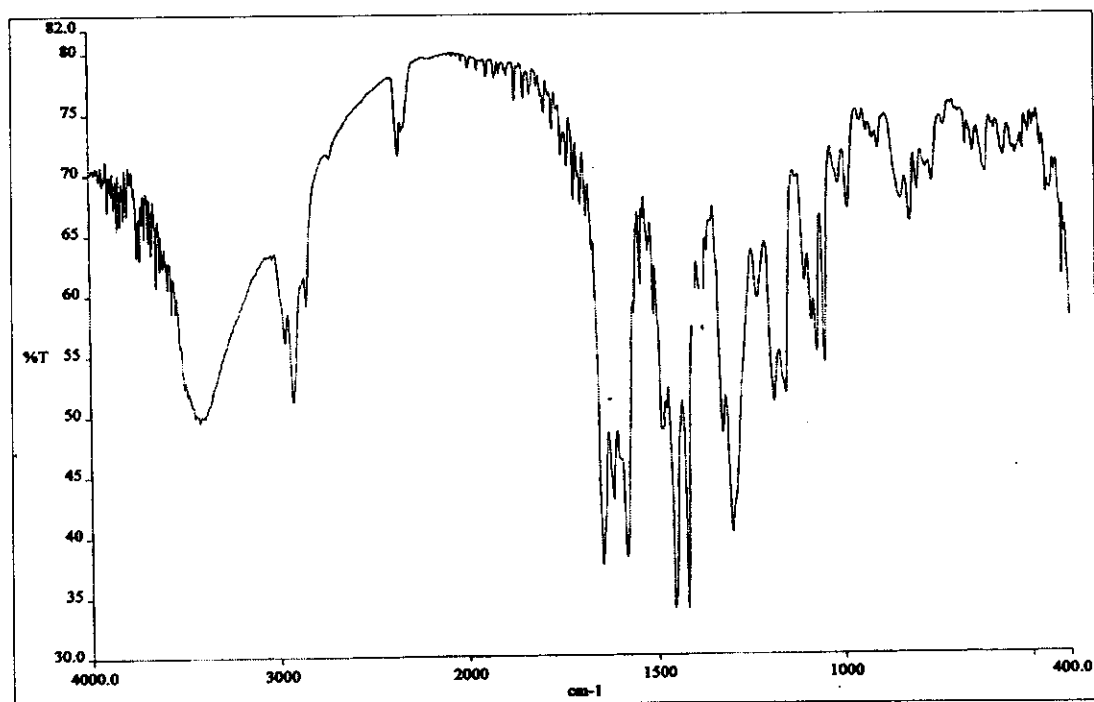


Figure 28 FT-IR (KBr) spectrum of compound W2

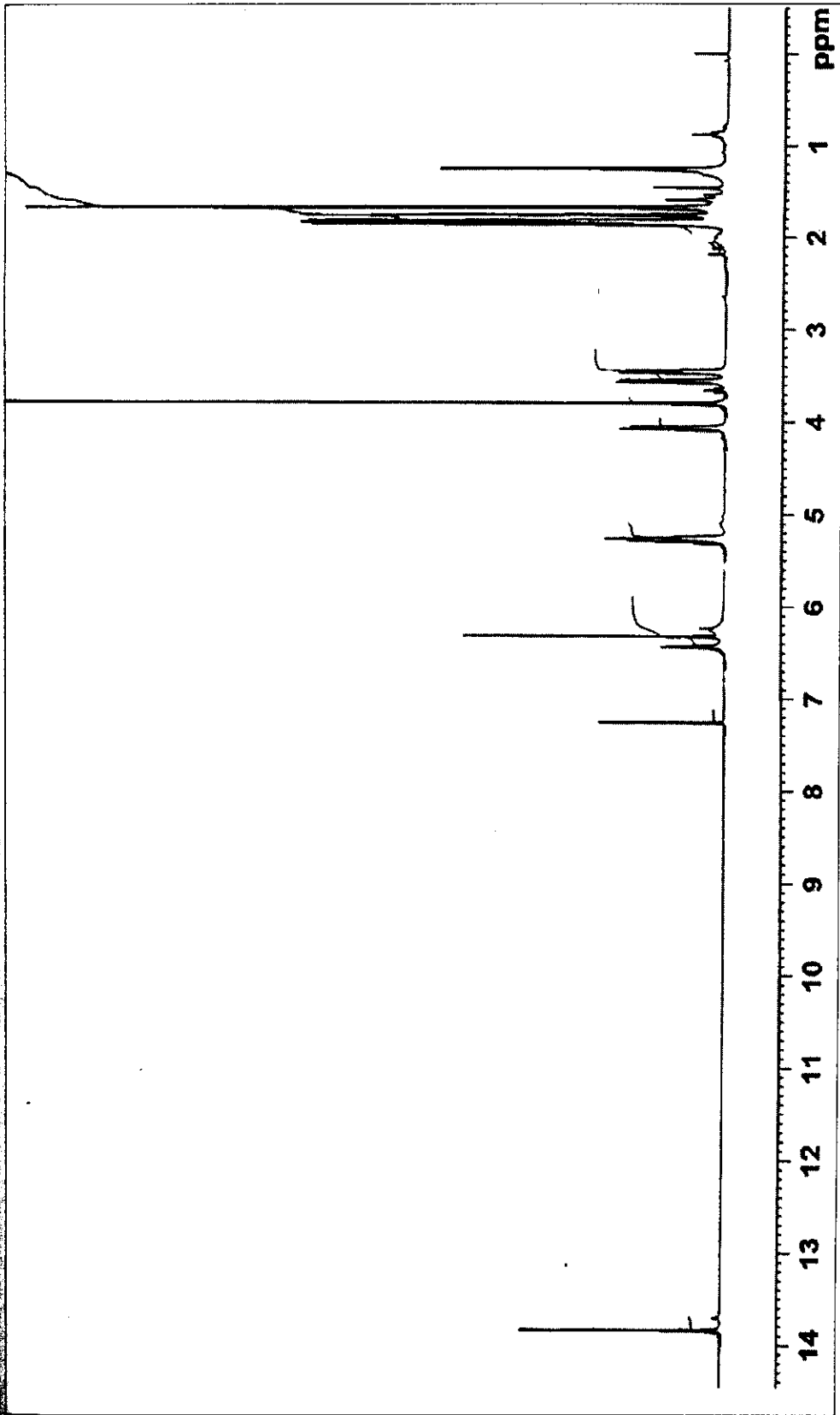


Figure 29 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W2

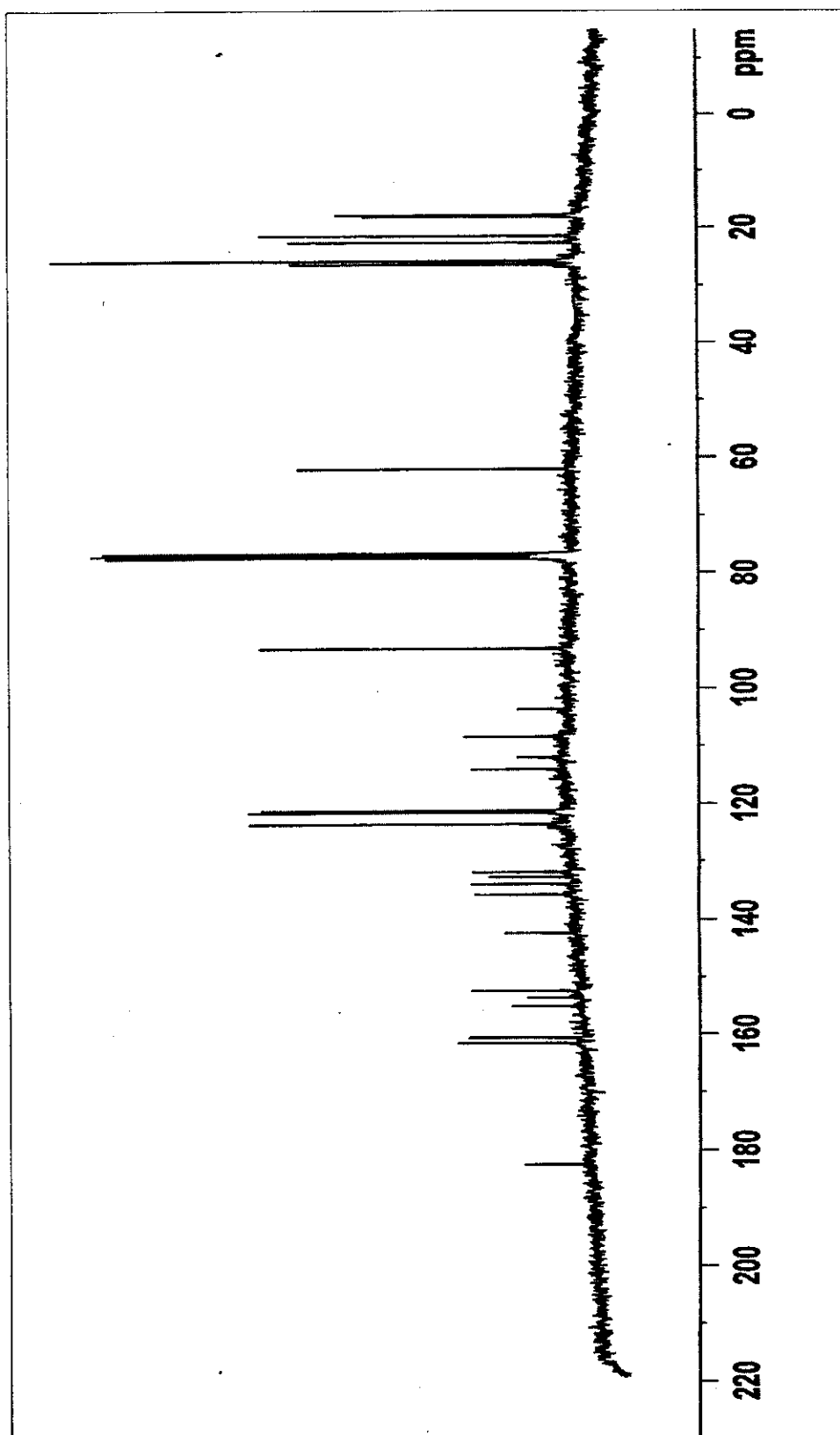


Figure 30 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W2

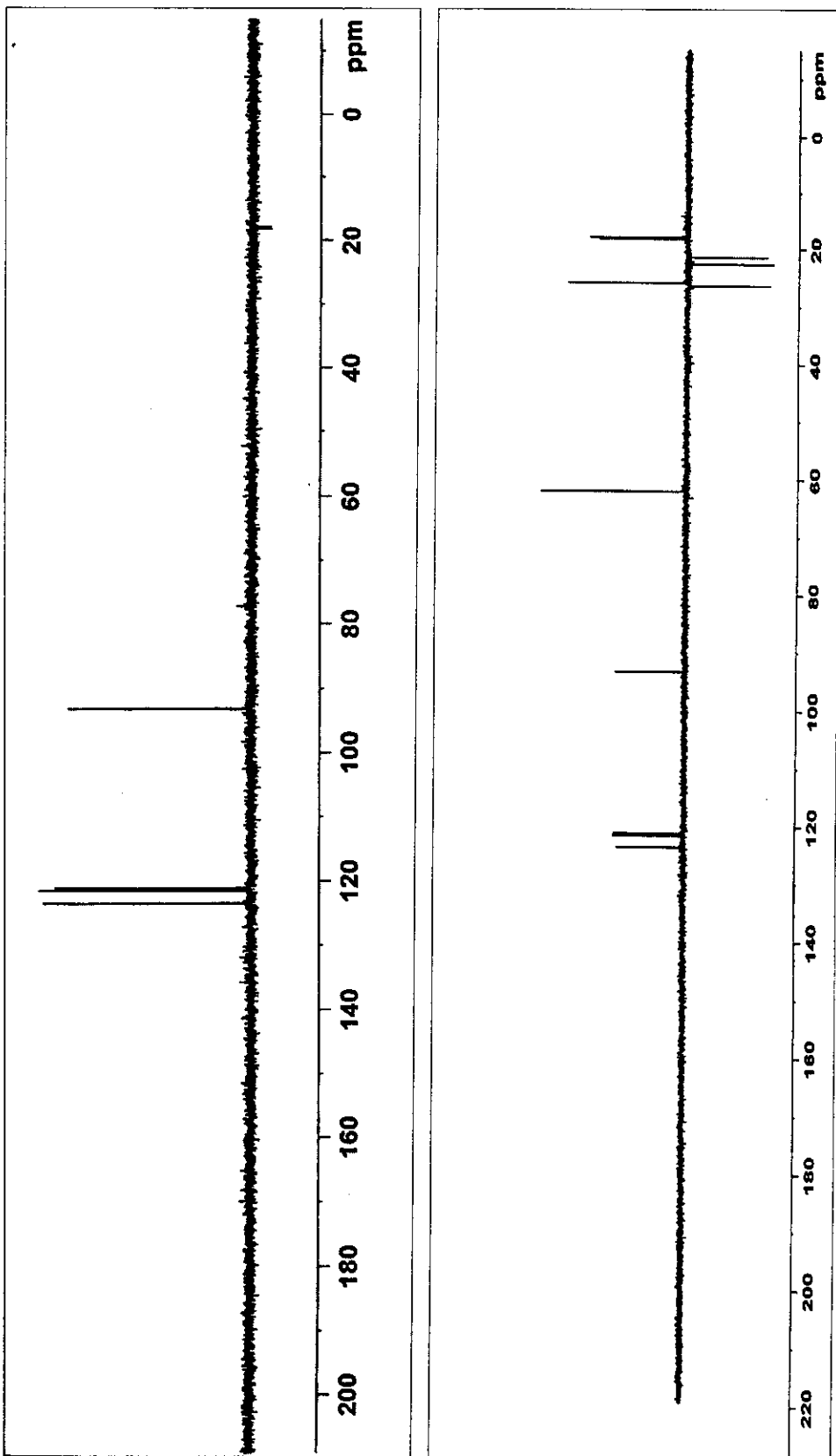


Figure 31 DEPT spectrum of compound W2

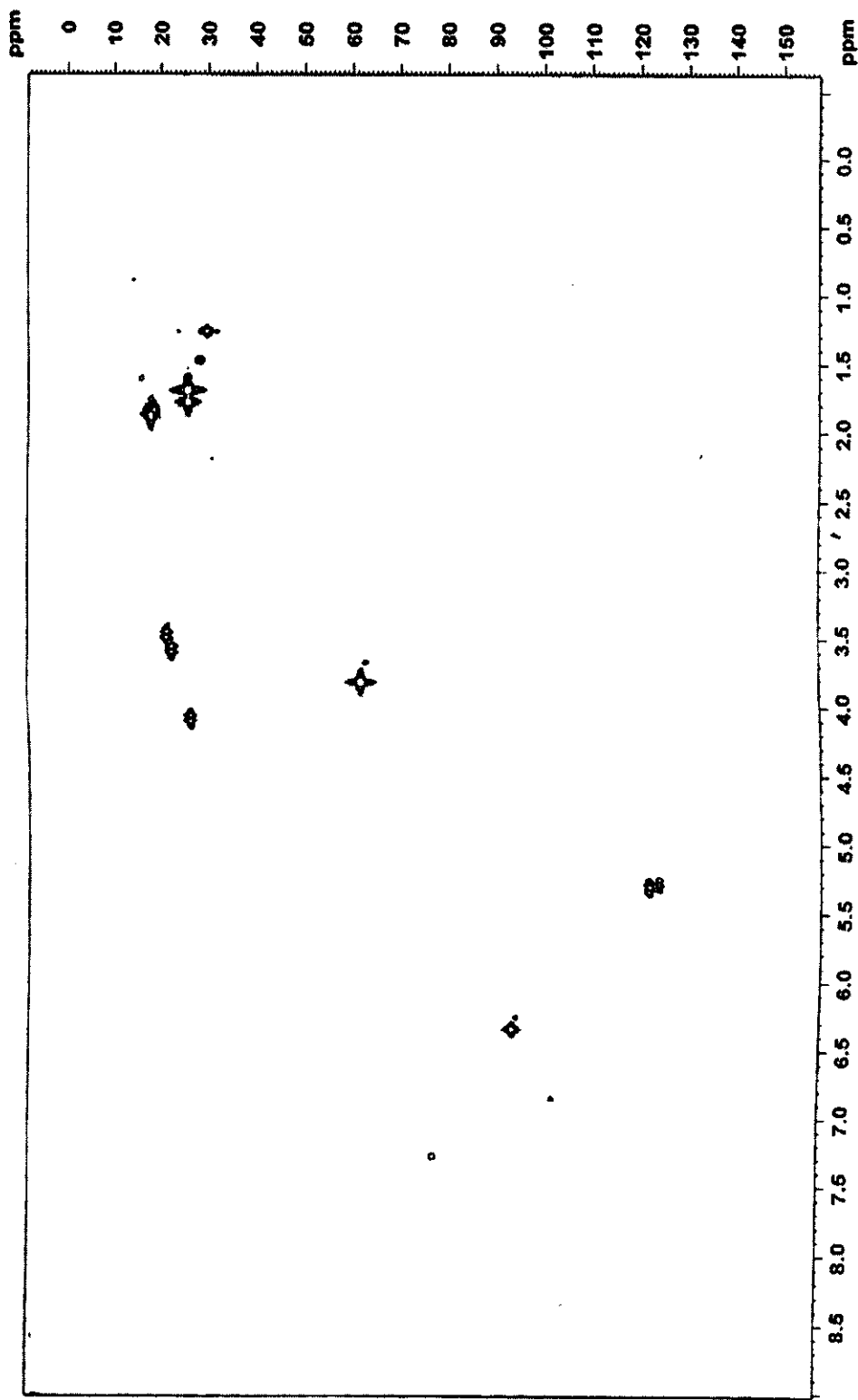


Figure 32 2D HMQC spectrum of compound W2

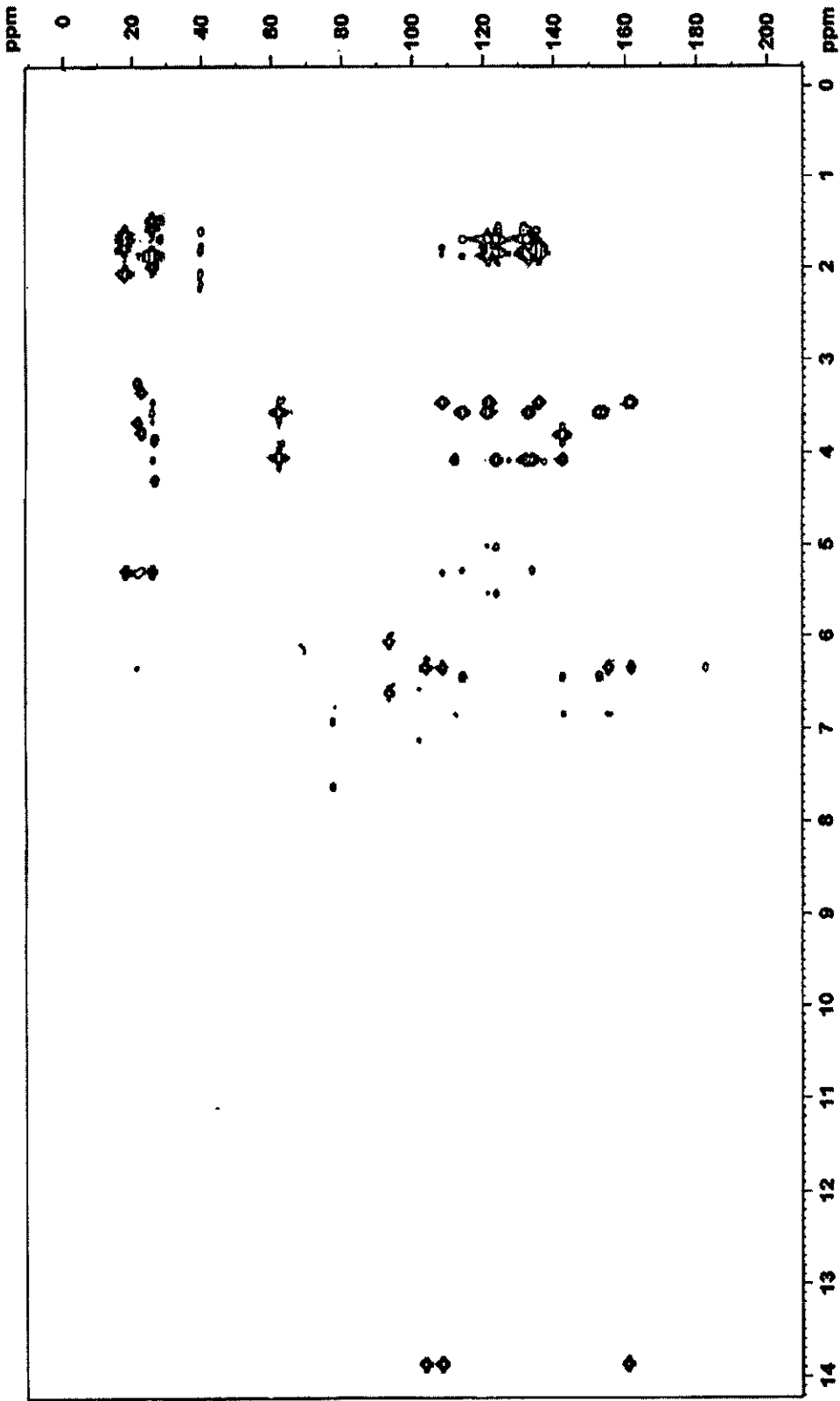


Figure 33 2D HMBC spectrum of compound W2

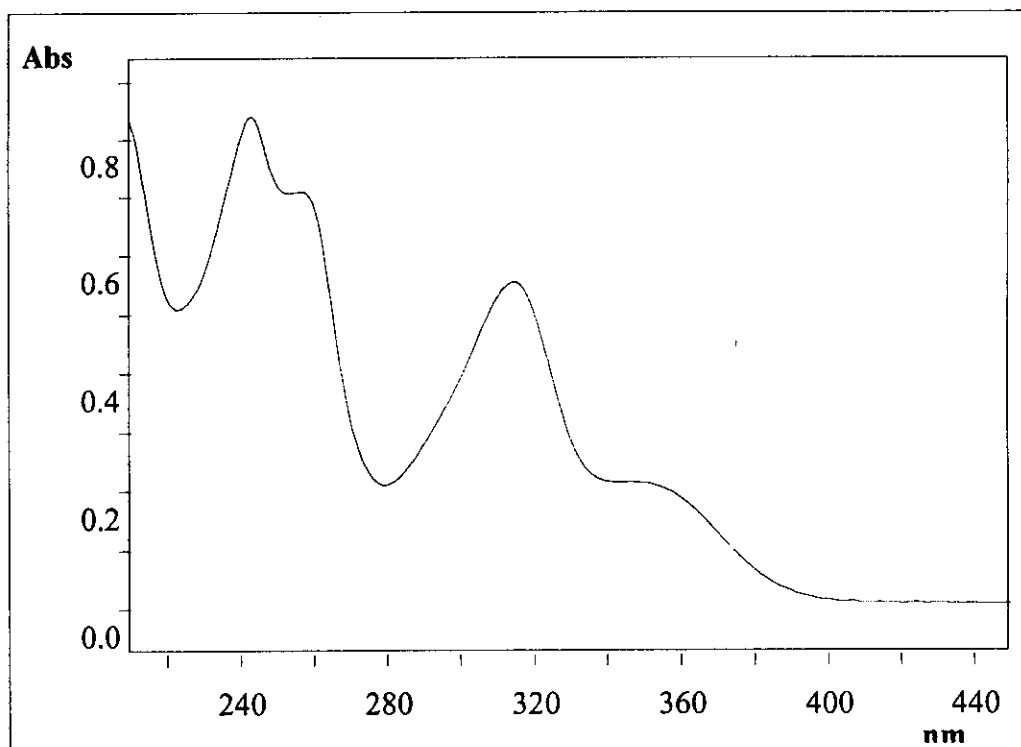


Figure 34 UV (MeOH) spectrum of compound W3

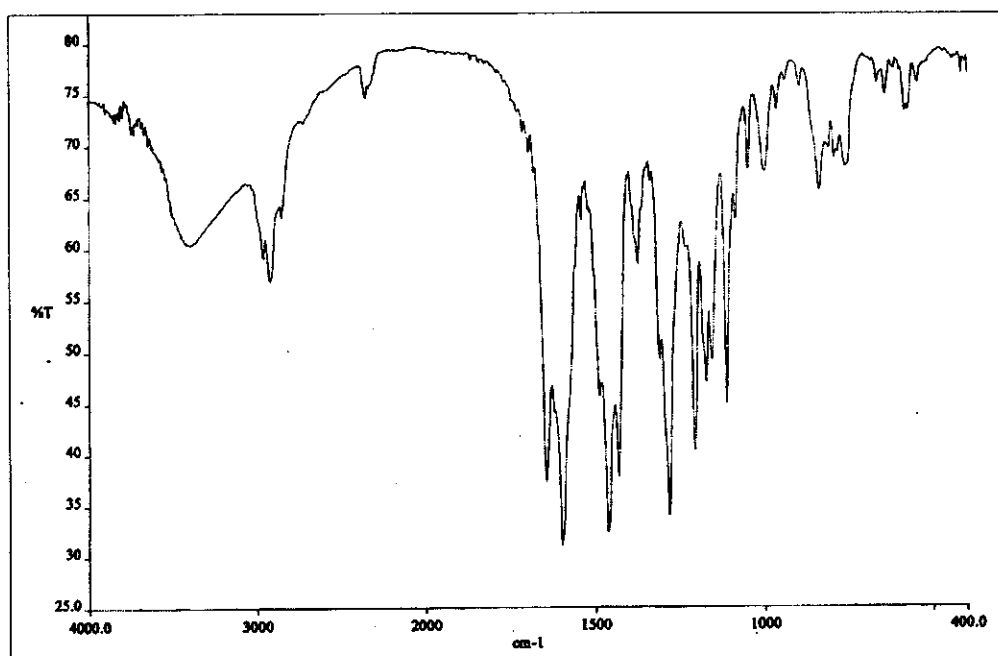


Figure 35 FT-IR (KBr) spectrum of compound W3

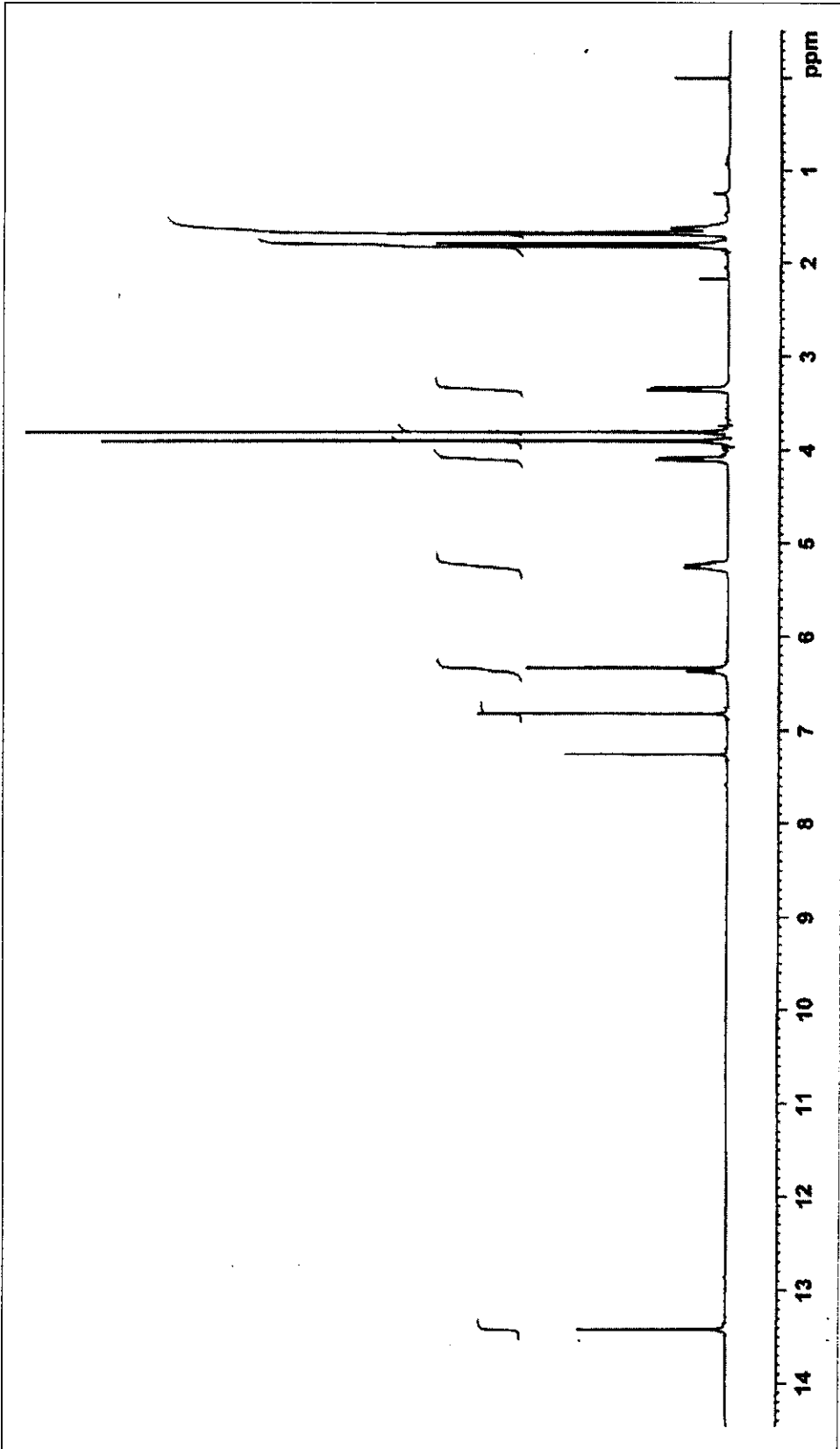


Figure 36 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W3

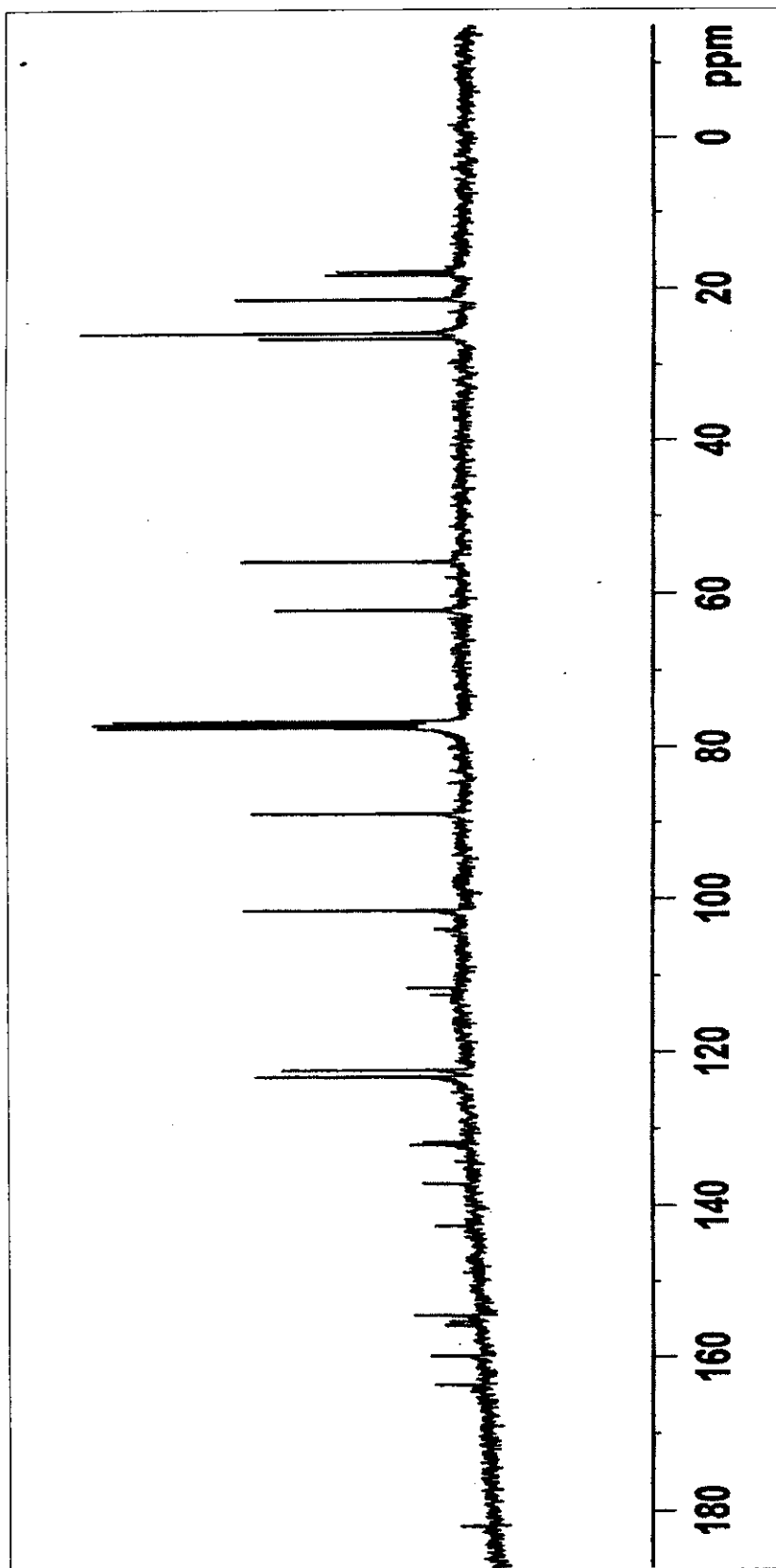


Figure 37 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W3

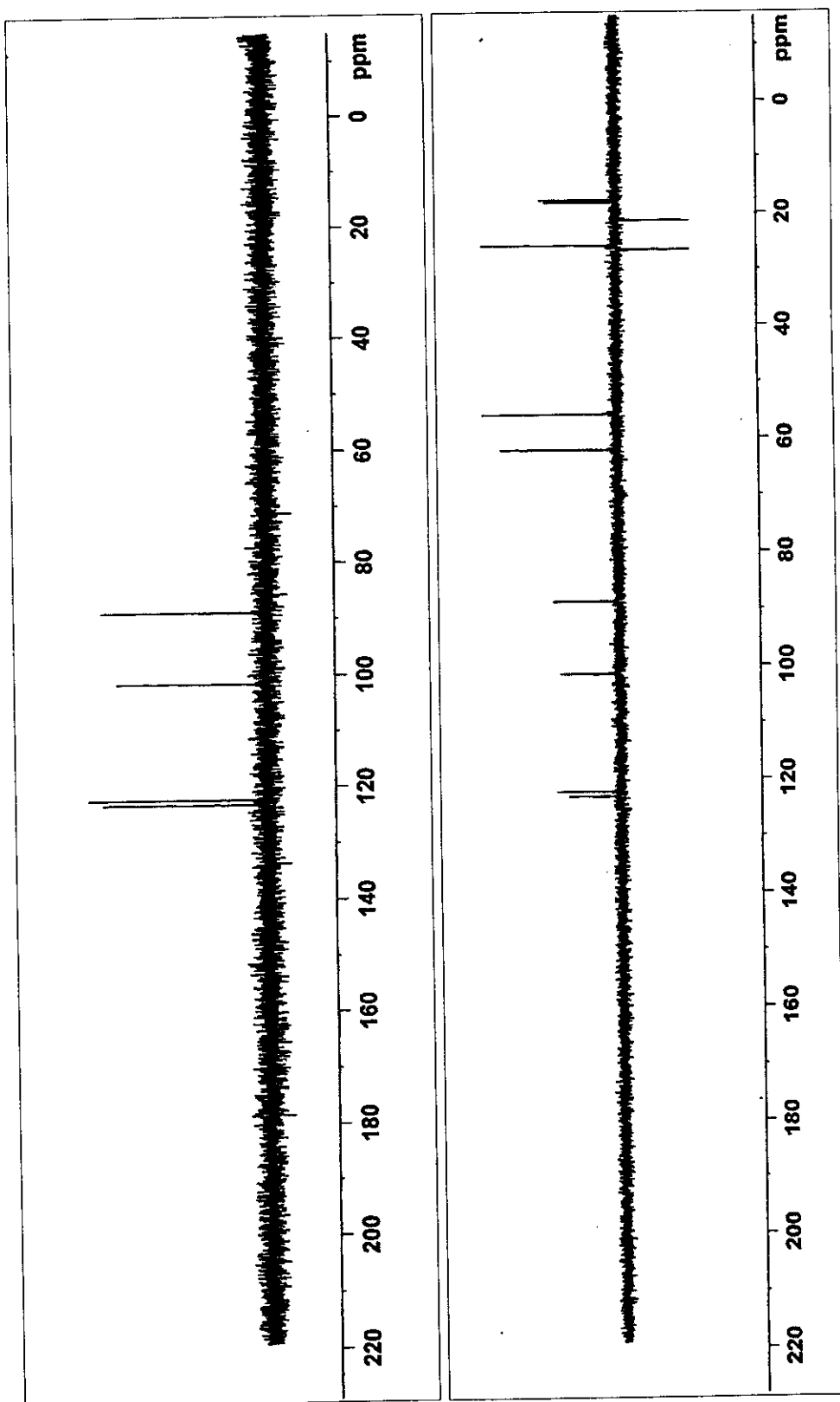


Figure 38 DEPT spectrum of compound W3

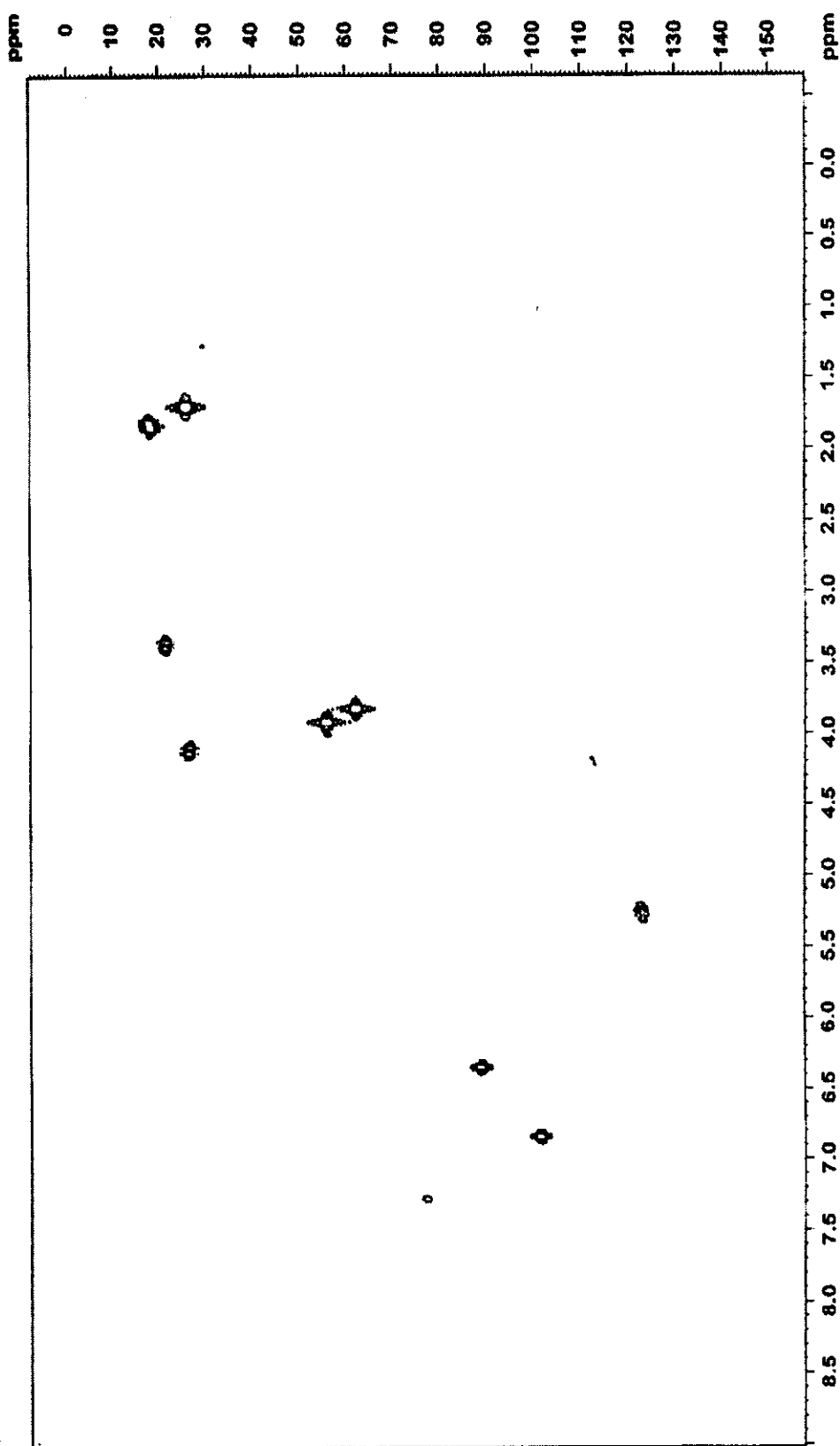


Figure 39 2D HMQC spectrum of compound W3

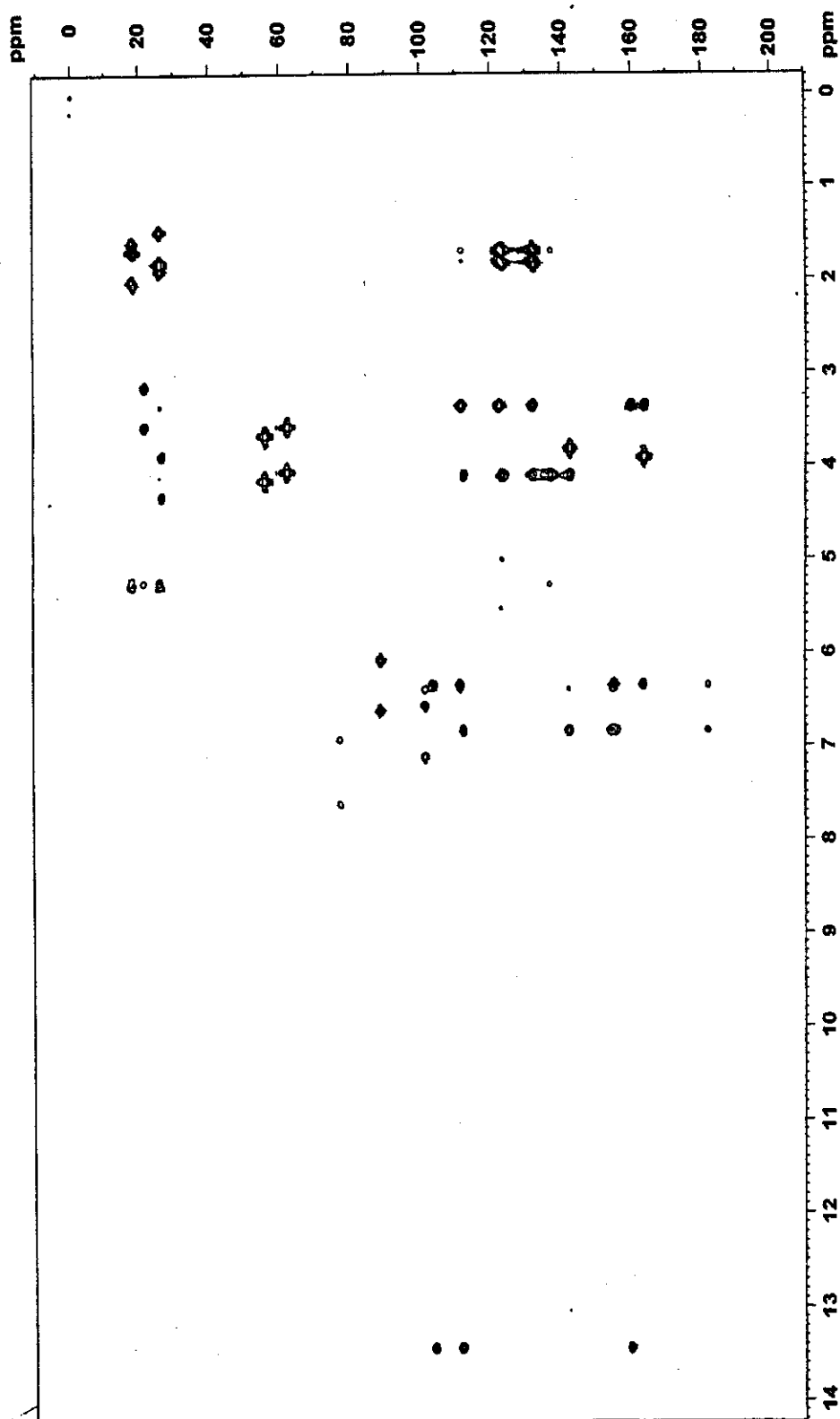


Figure 40 2D HMBC spectrum of compound W3

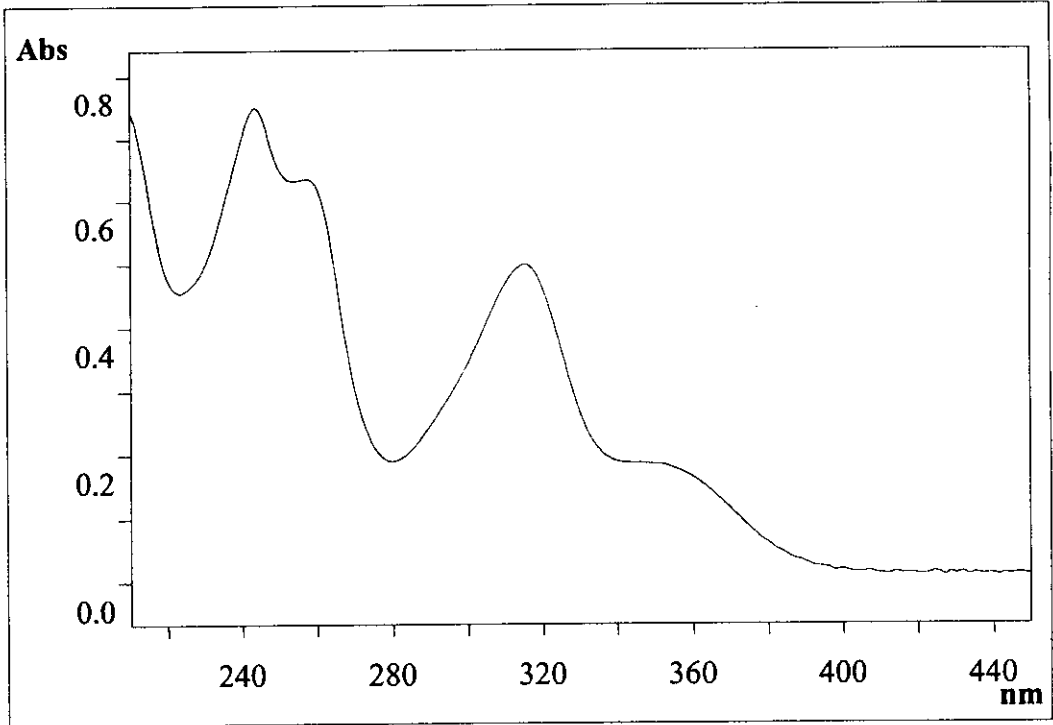


Figure 41 UV (MeOH) spectrum of compound W4

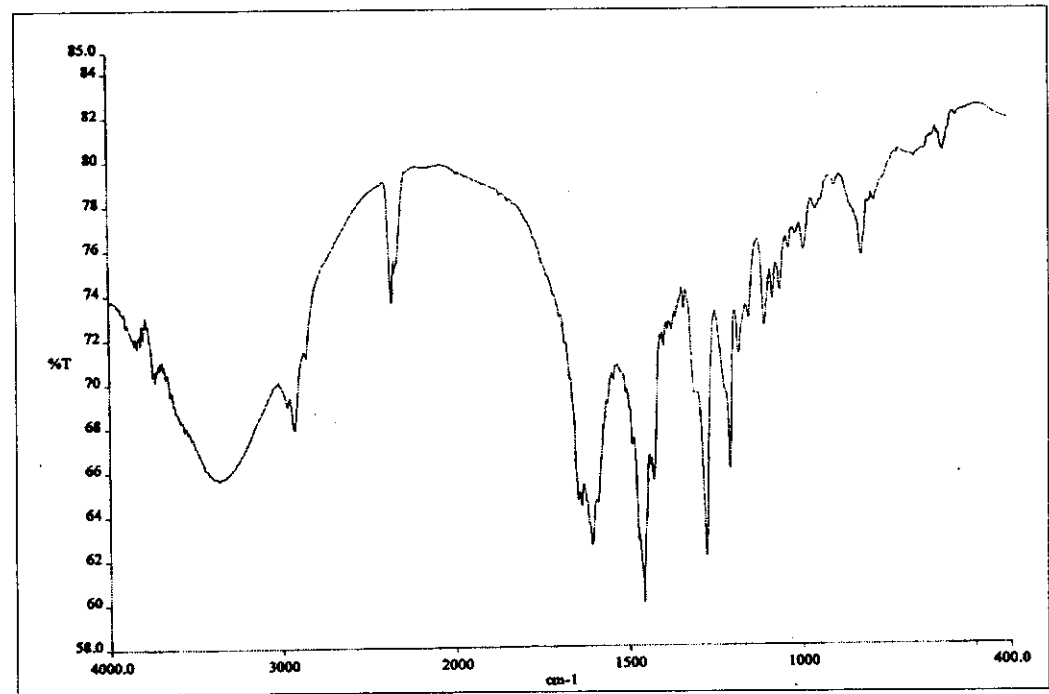


Figure 42 FT-IR (neat) spectrum of compound W4

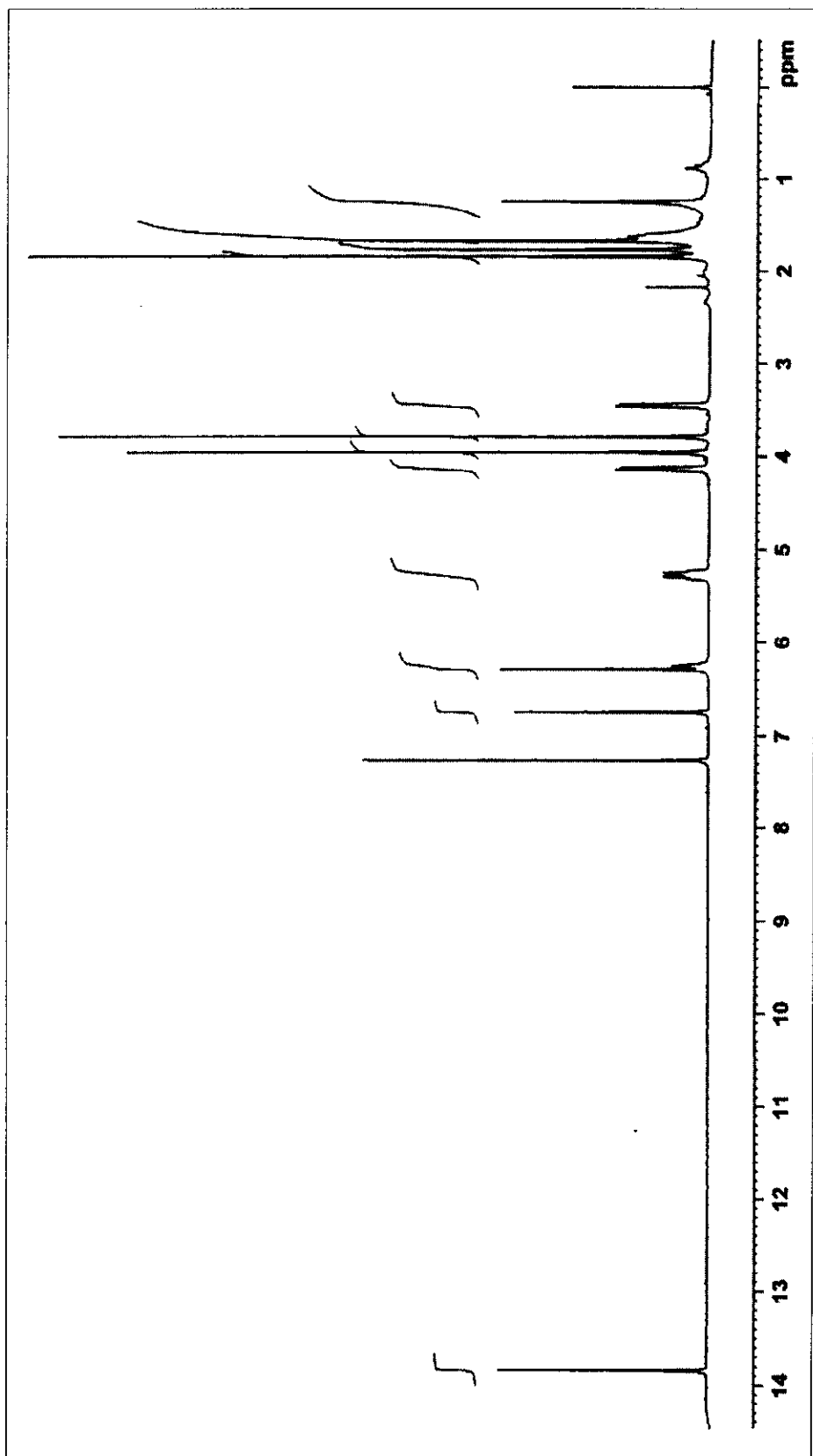


Figure 43 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W4

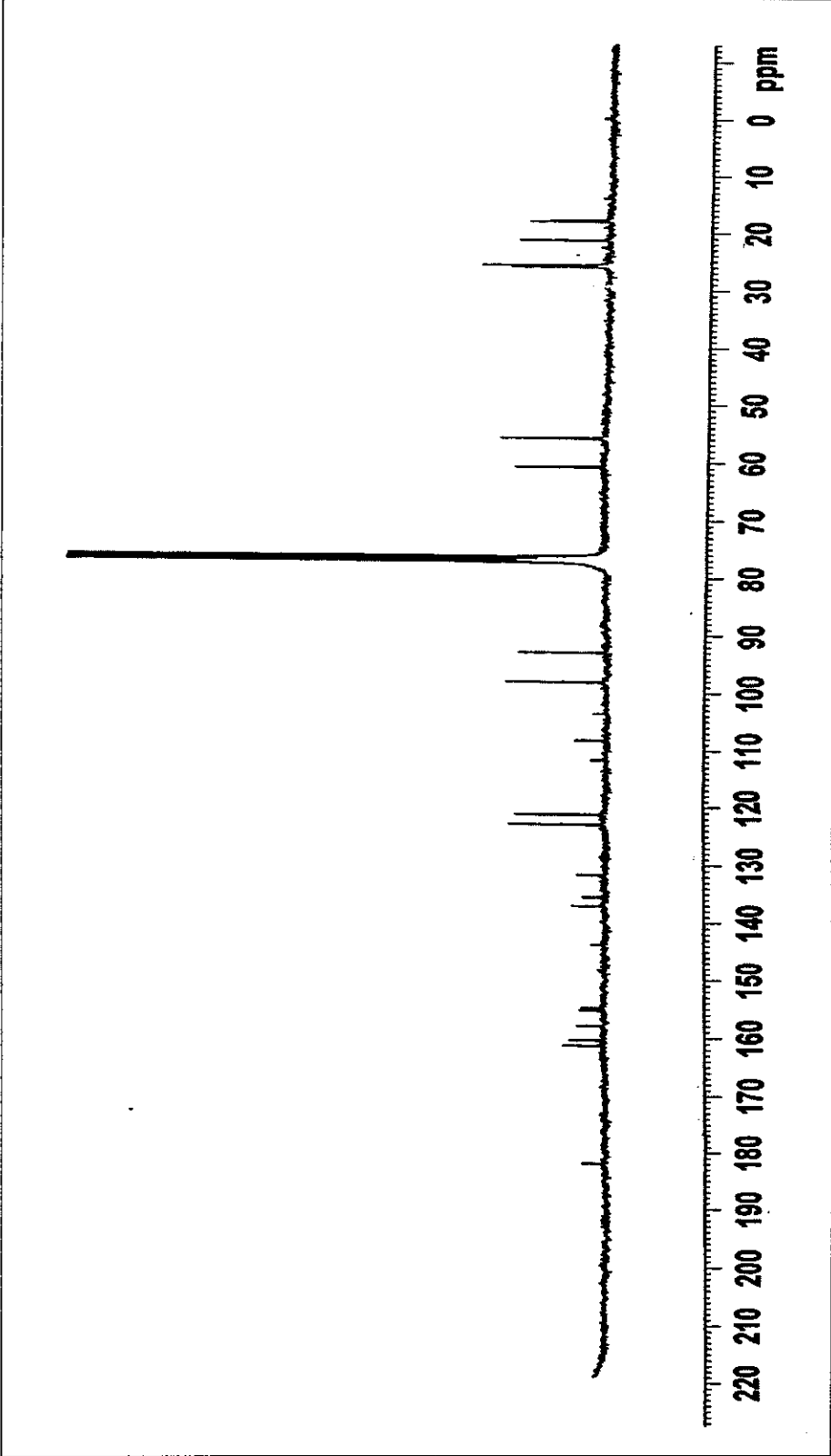


Figure 44 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W4

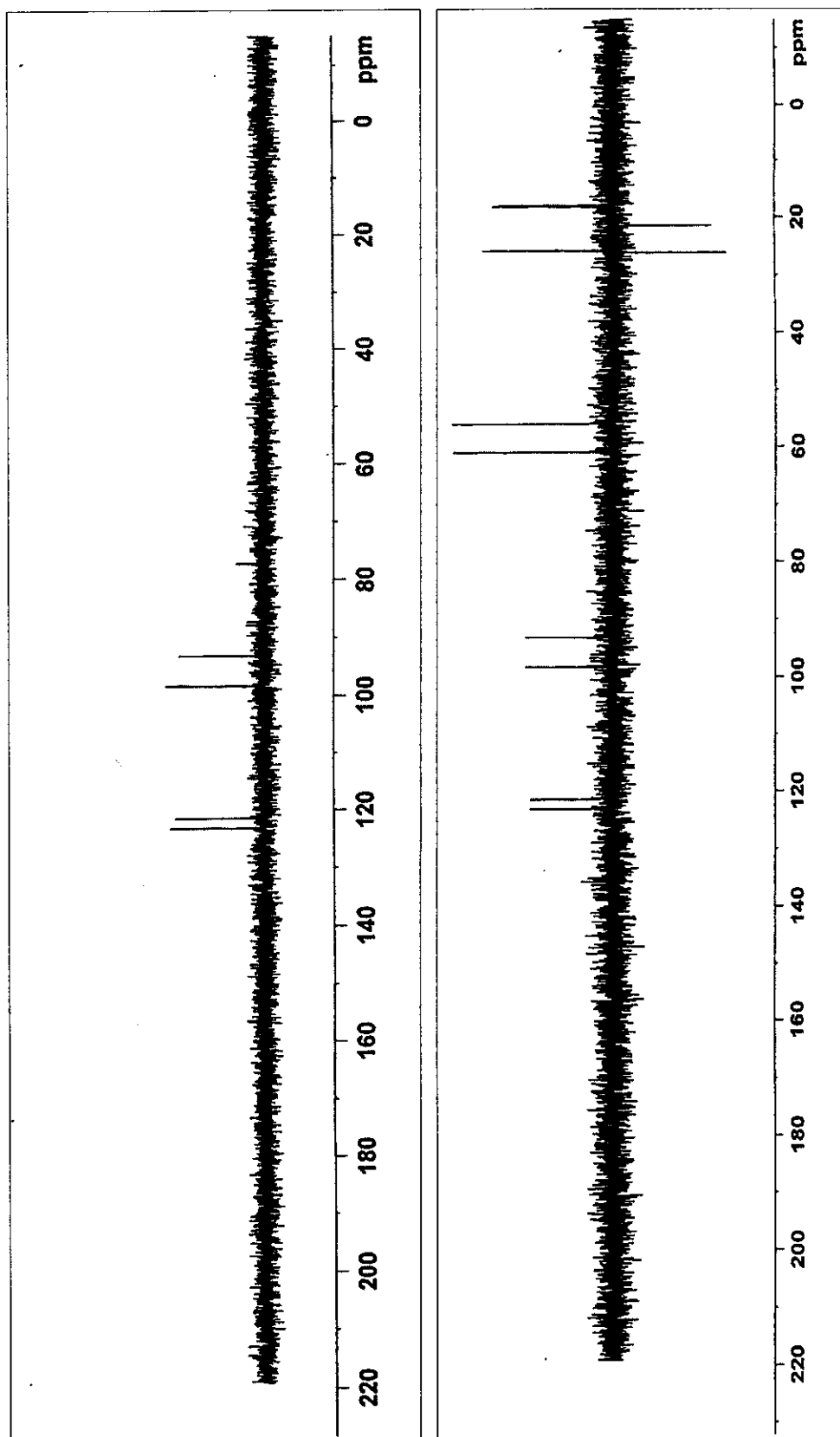


Figure 45 DEPT spectrum of compound W4

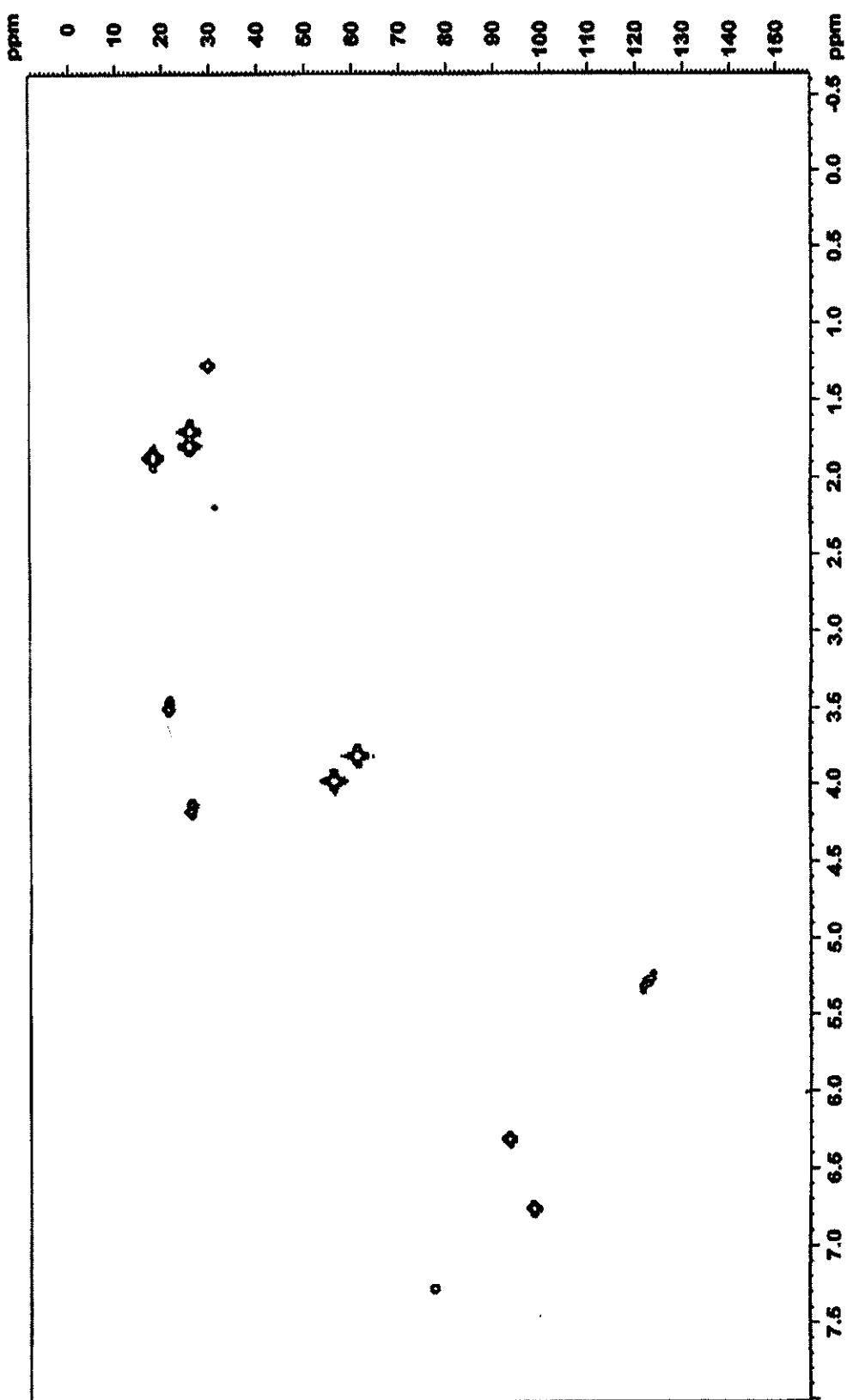


Figure 46 2D HMQC spectrum of compound W4

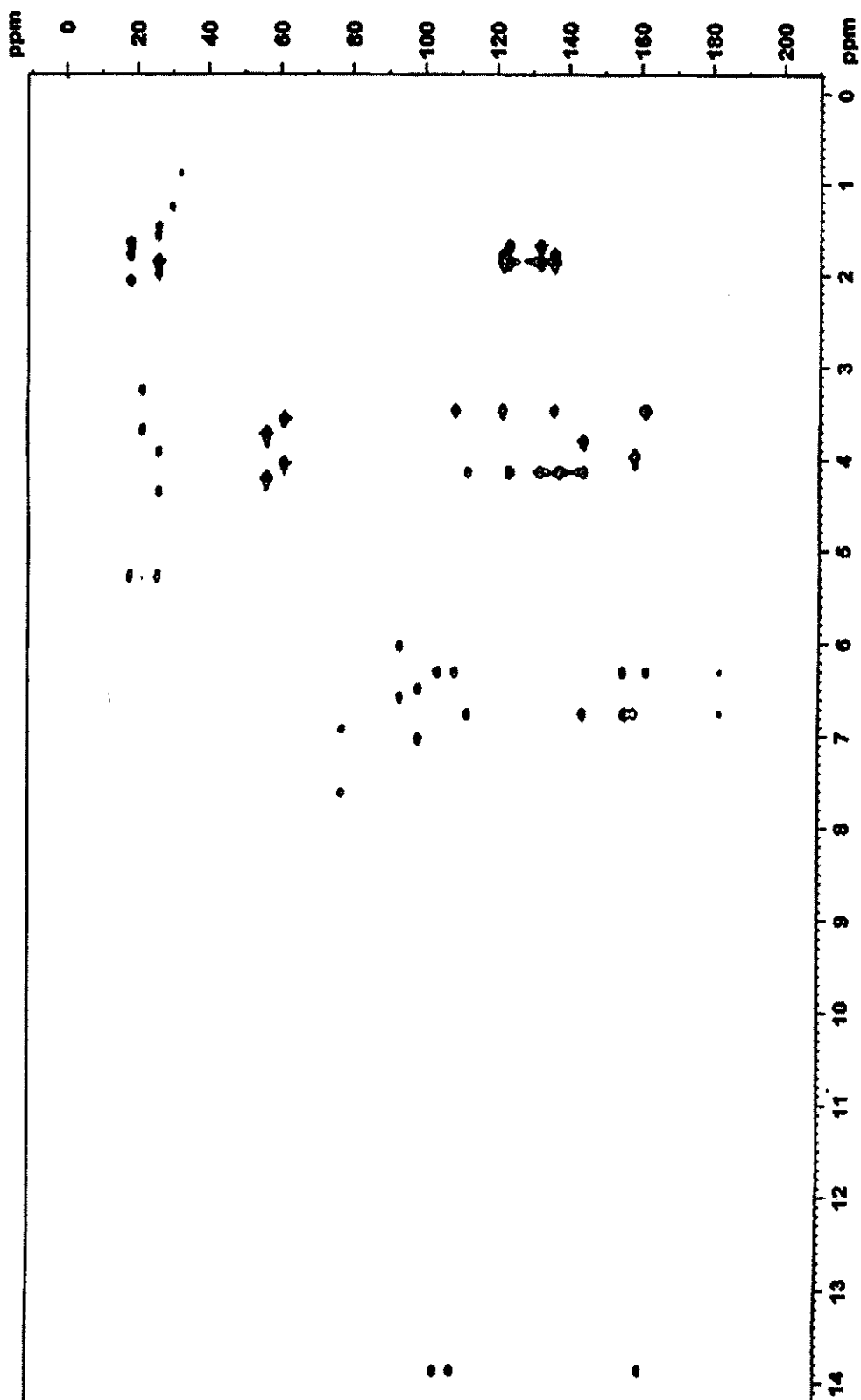


Figure 47 2D HMBC spectrum of compound W4

C:\Xcalibur\data\w4\w4n11
LREIMS
w4n11 812-14 RT: 2.62-2.91 AV: 3 NL: 3.27E5
T: + c EI Full ms [54.50-800.50]

W4

07/06/2004 10:20:10 AM

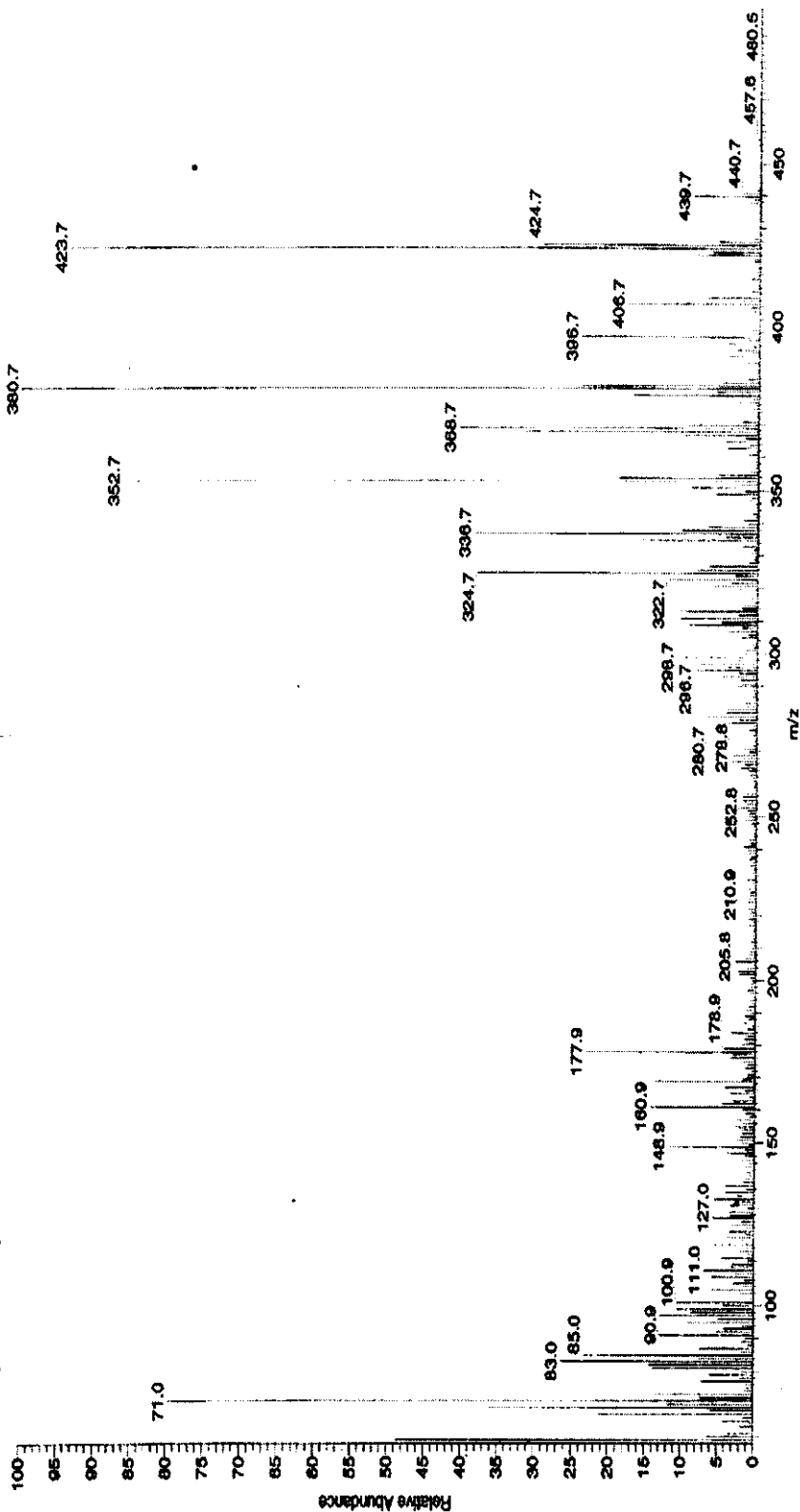


Figure 48 Mass spectrum of compound W4

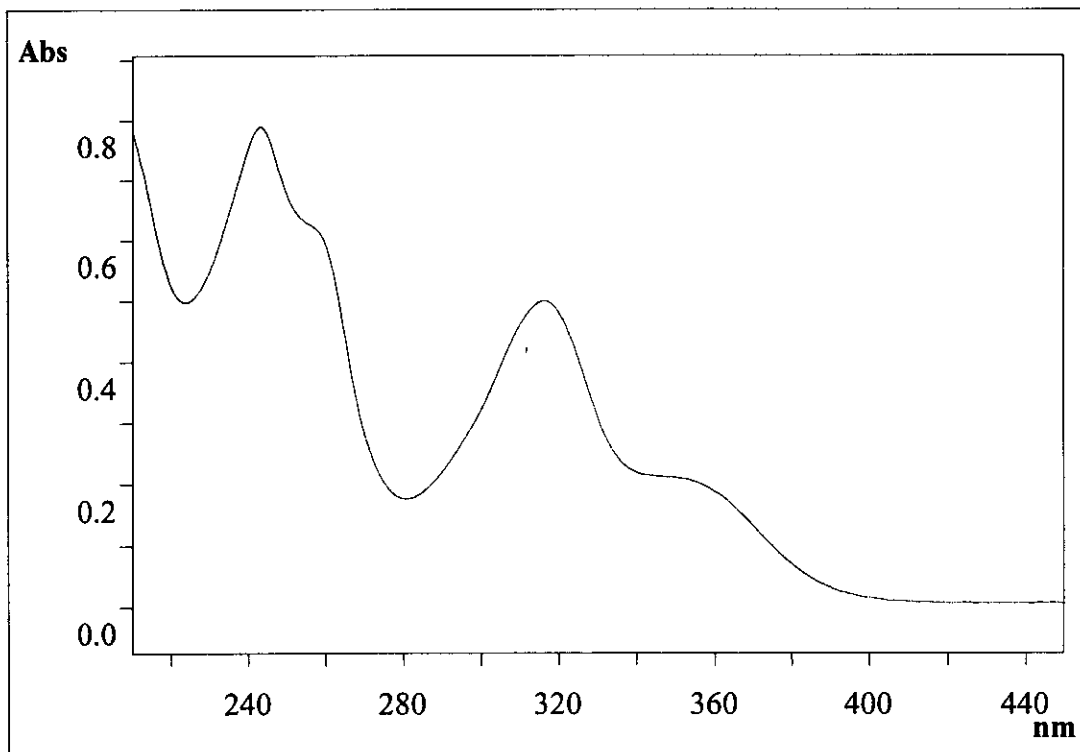


Figure 49 UV (MeOH) spectrum of compound W5

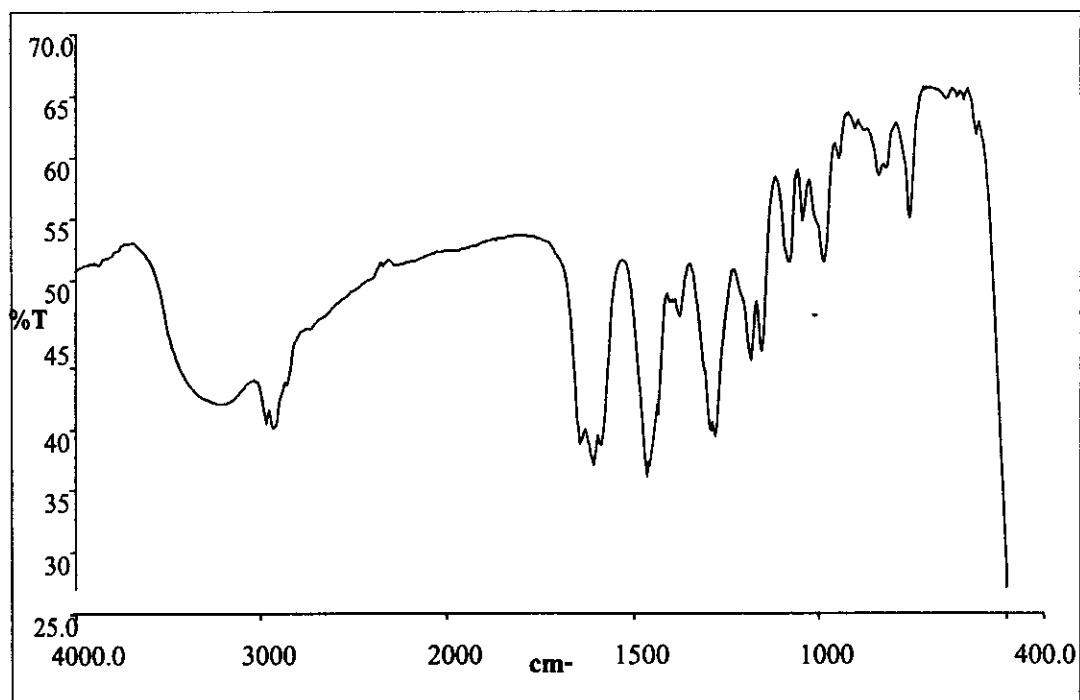


Figure 50 FT-IR (KBr) spectrum of compound W5

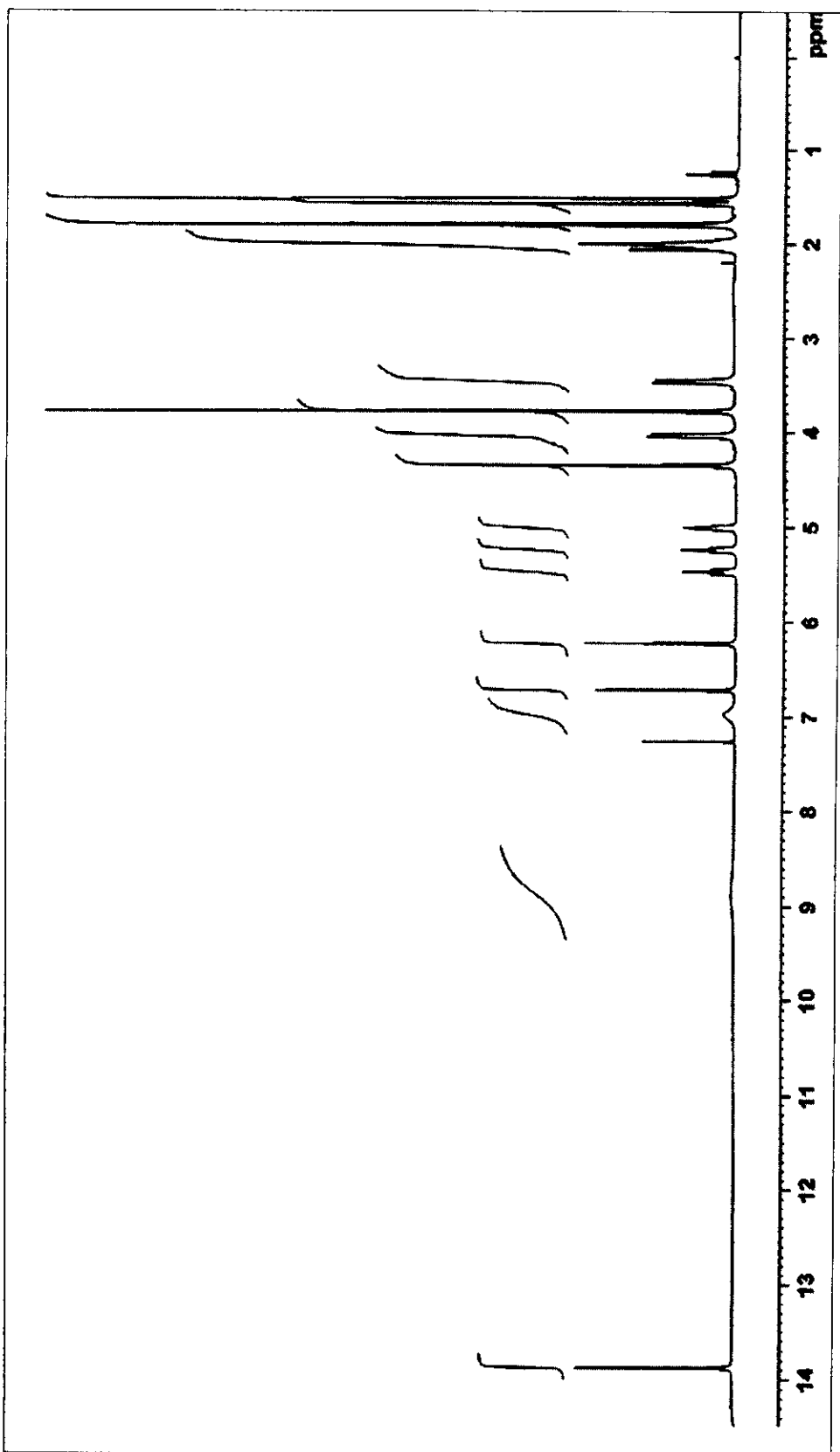


Figure 51 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W5

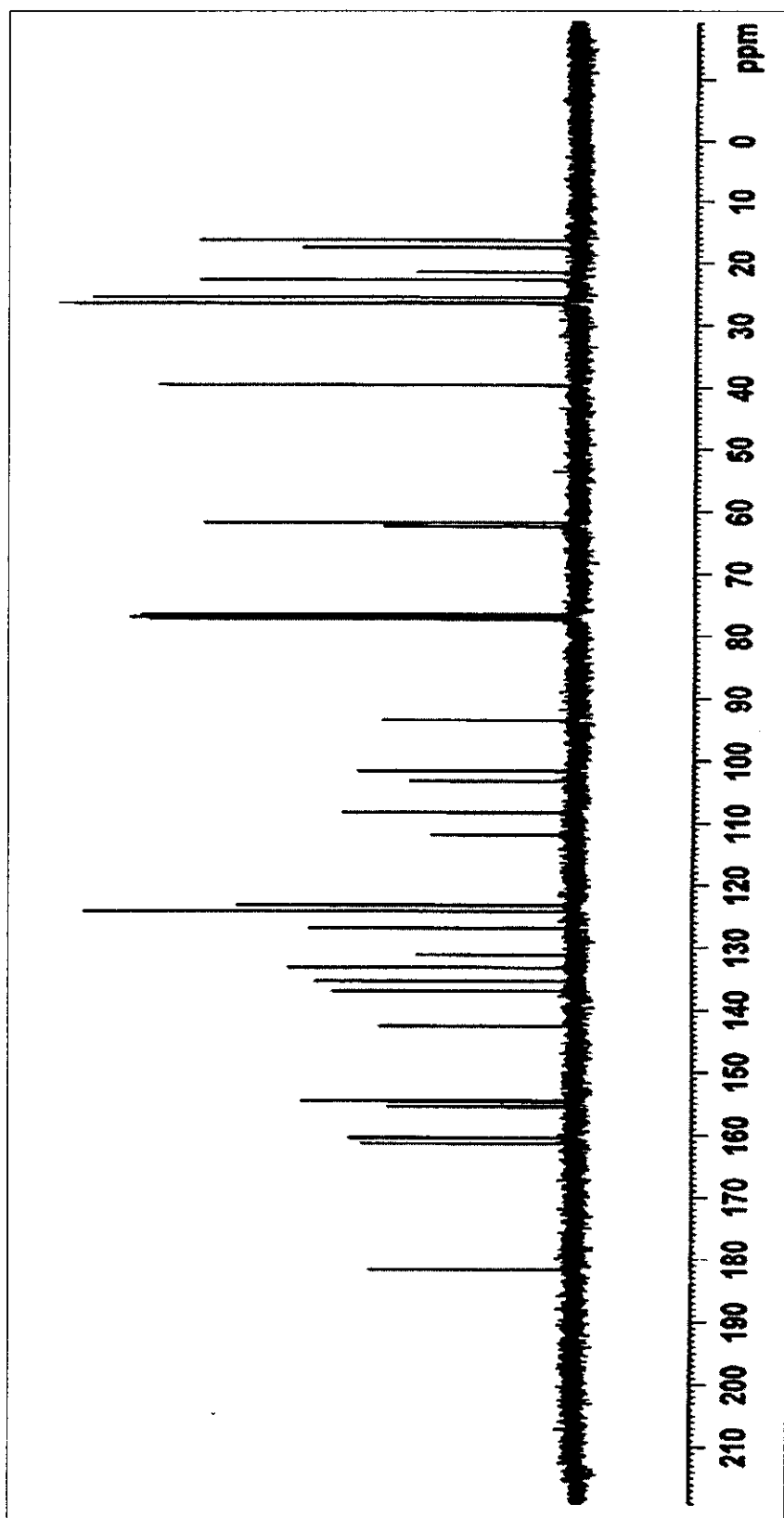


Figure S2 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W5

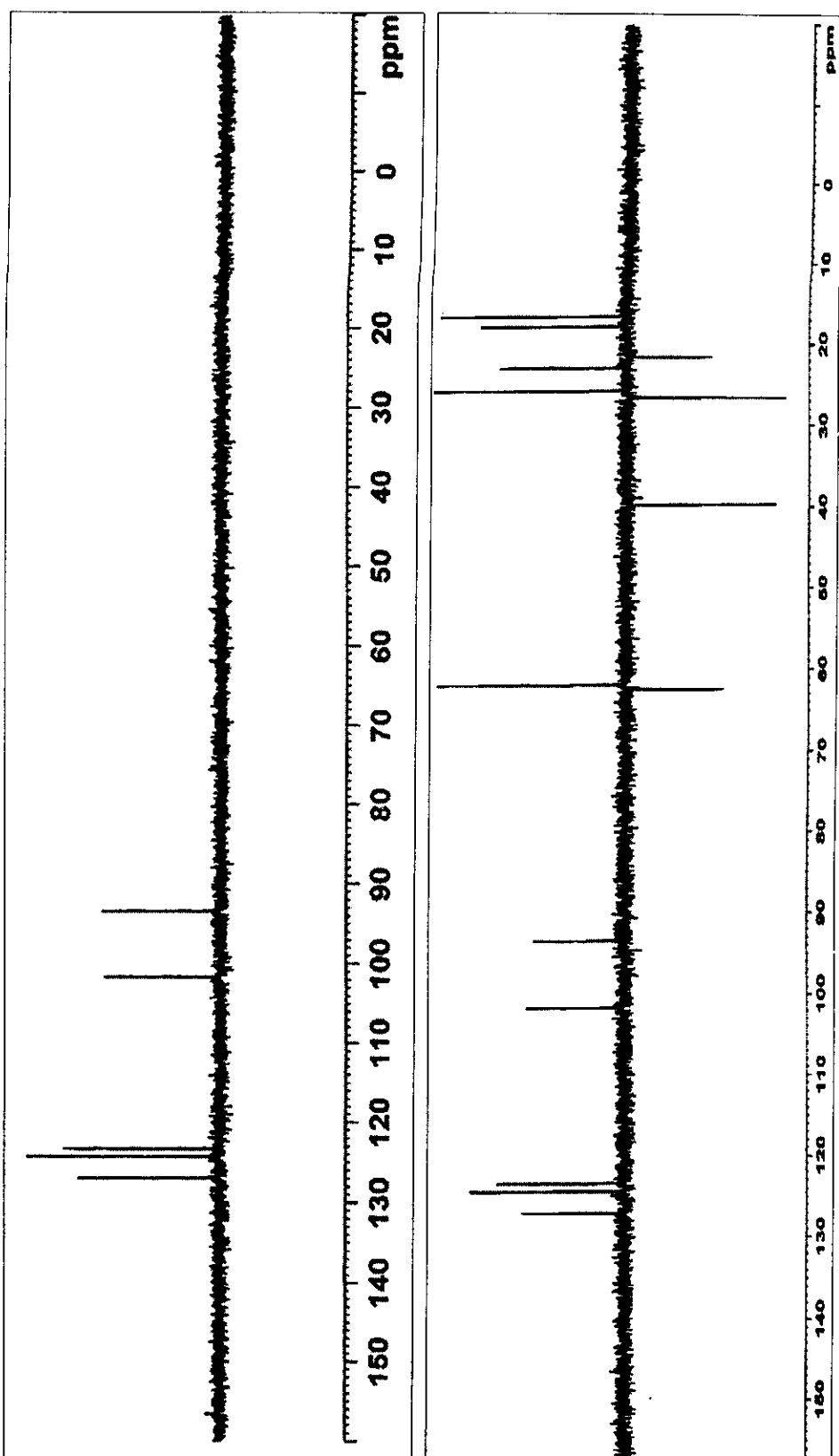


Figure 53 DEPT spectrum of compound W5

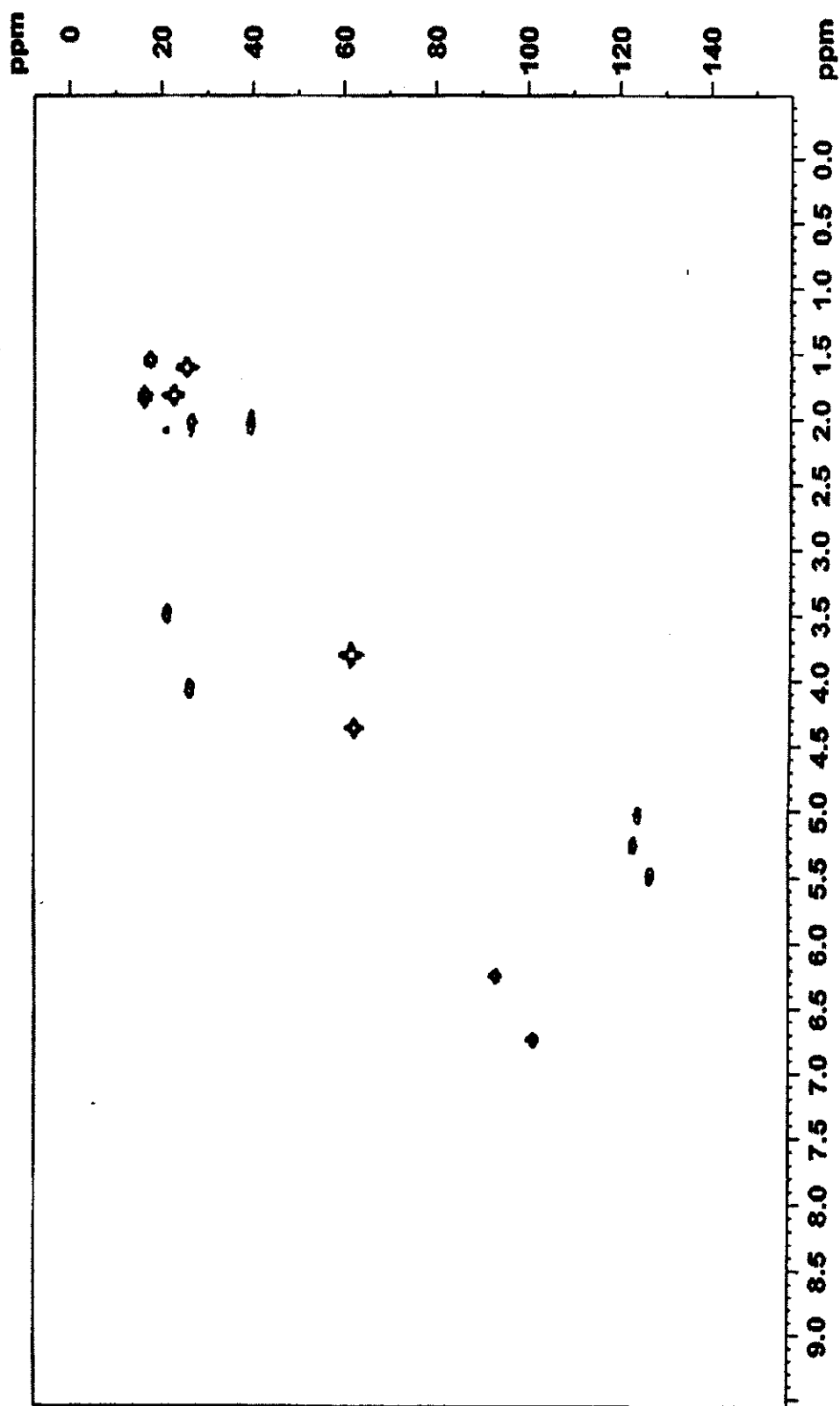


Figure 54 2D HMQC spectrum of compound W5

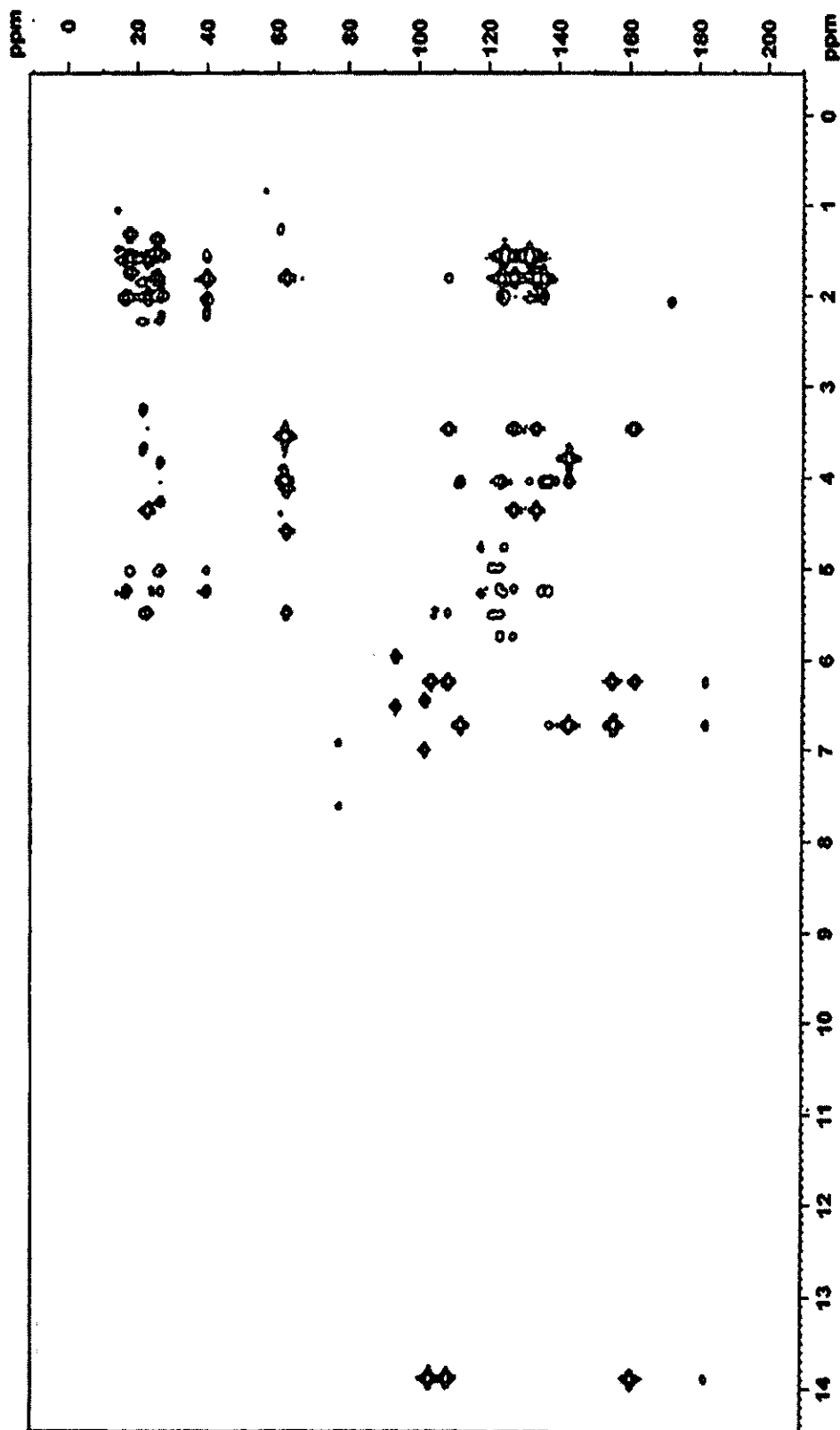


Figure 55 2D HMBC spectrum of compound W5

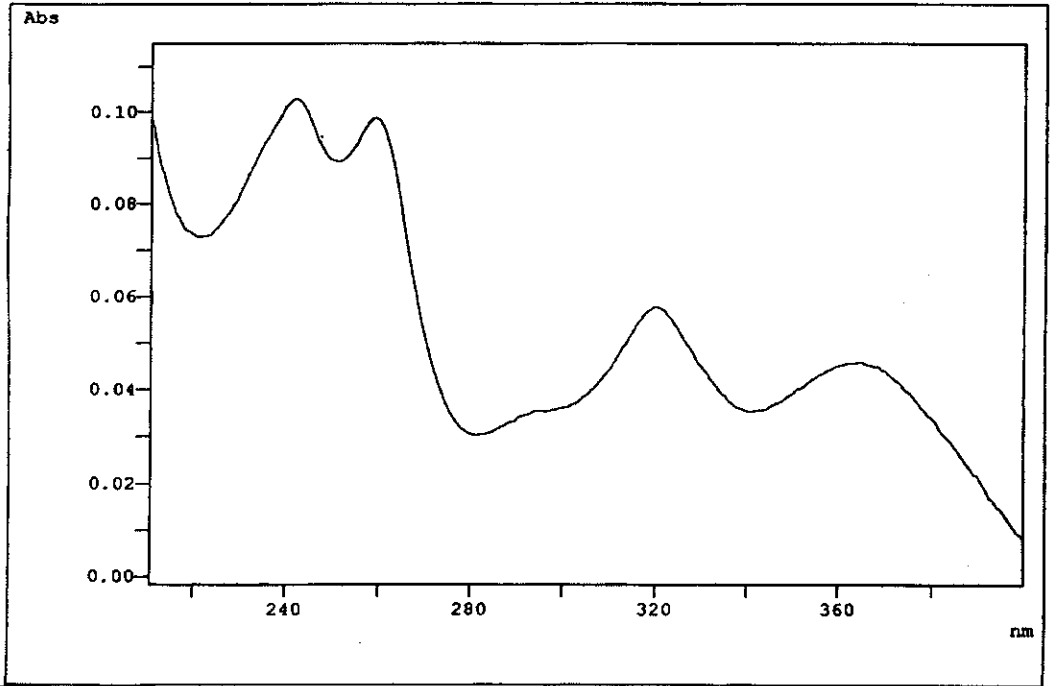


Figure 56 UV (MeOH) spectrum of compound W6

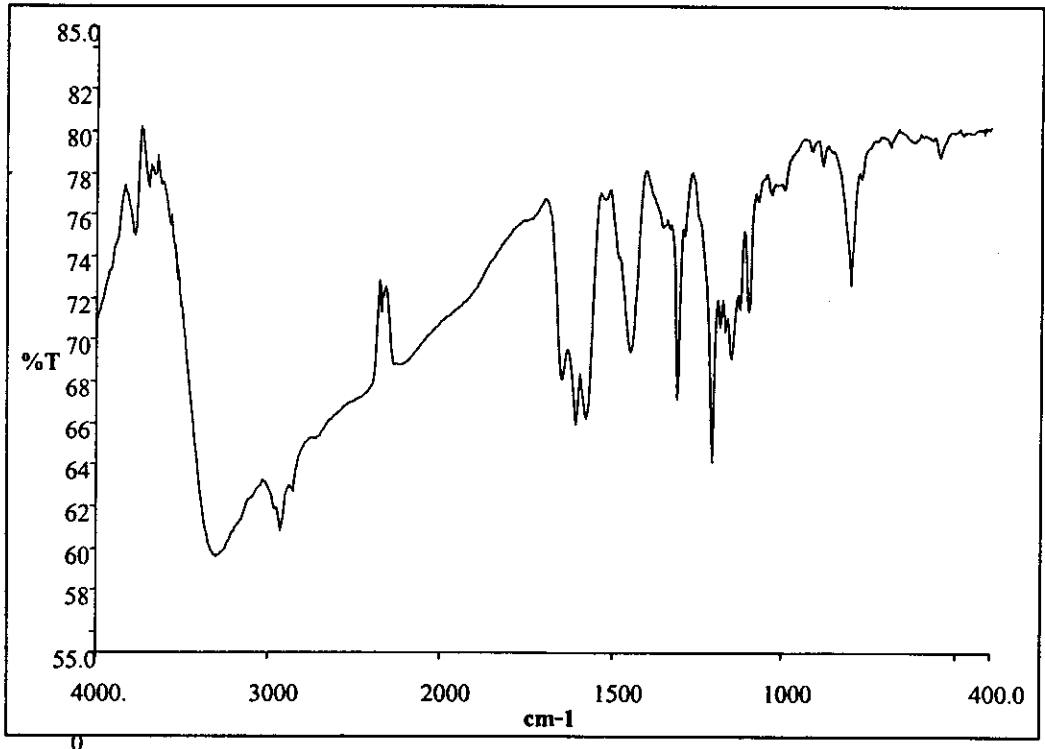


Figure 57 FT-IR (KBr) spectrum of compound W6

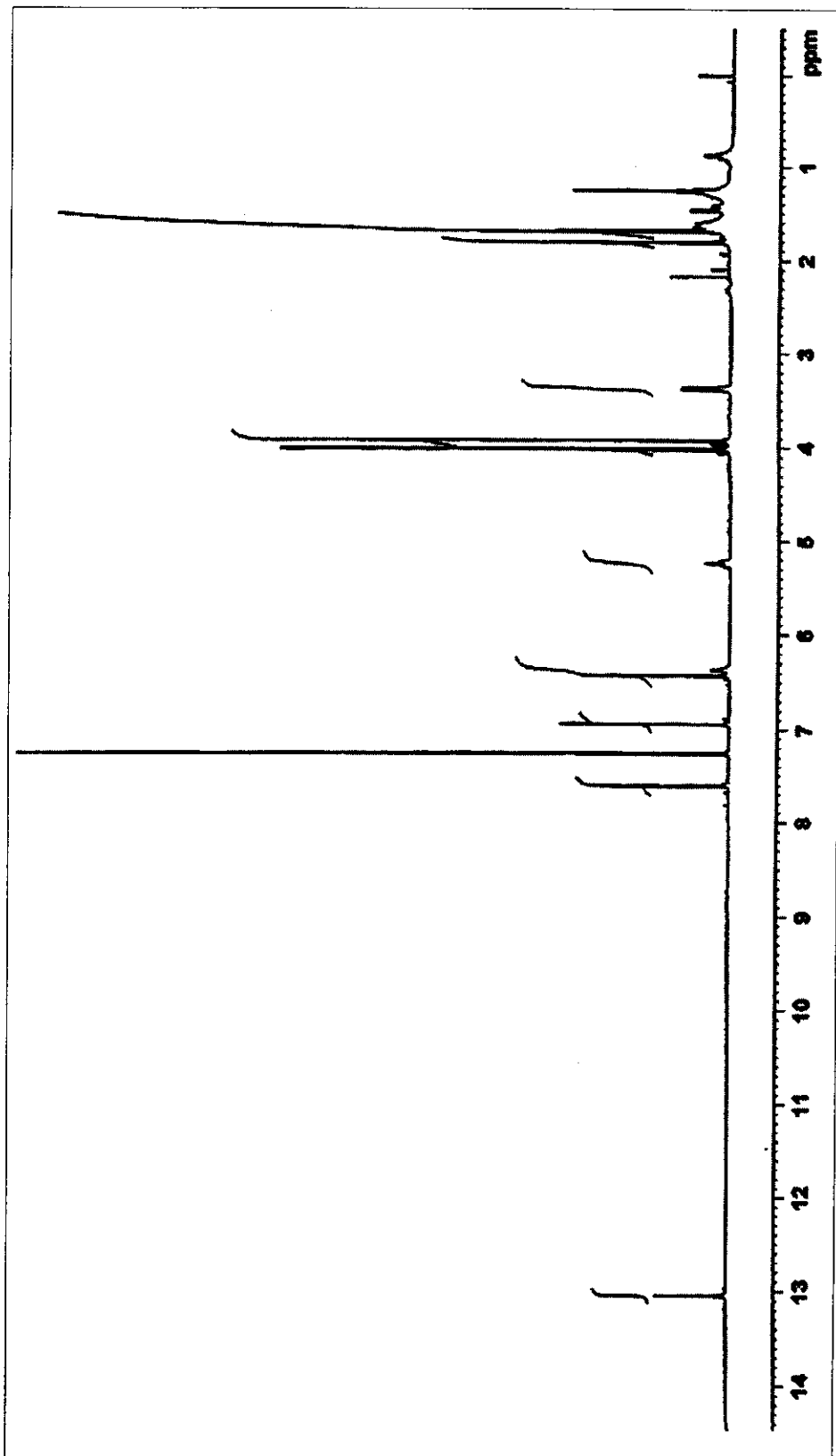


Figure 58 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W6

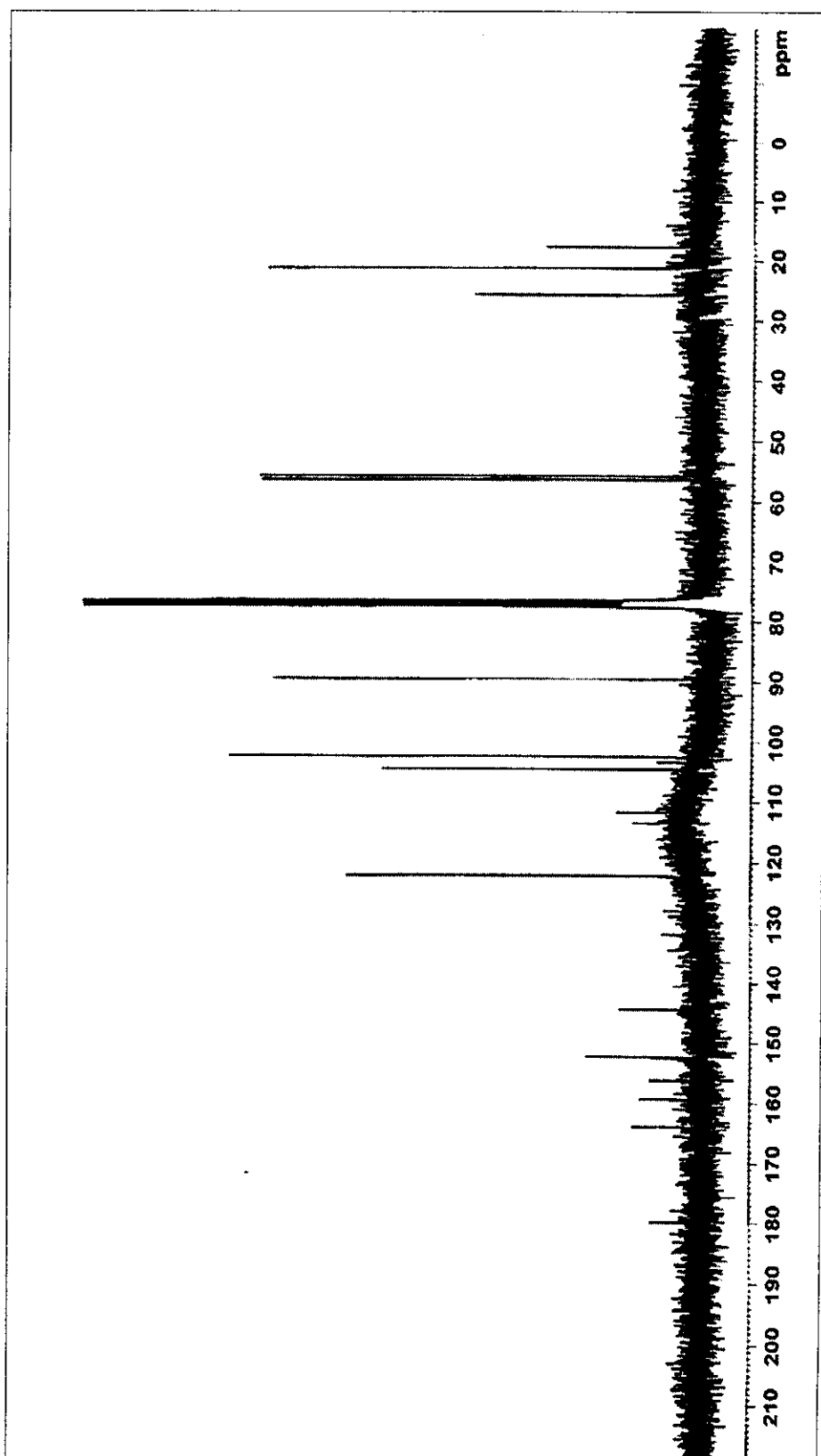


Figure 59 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W6

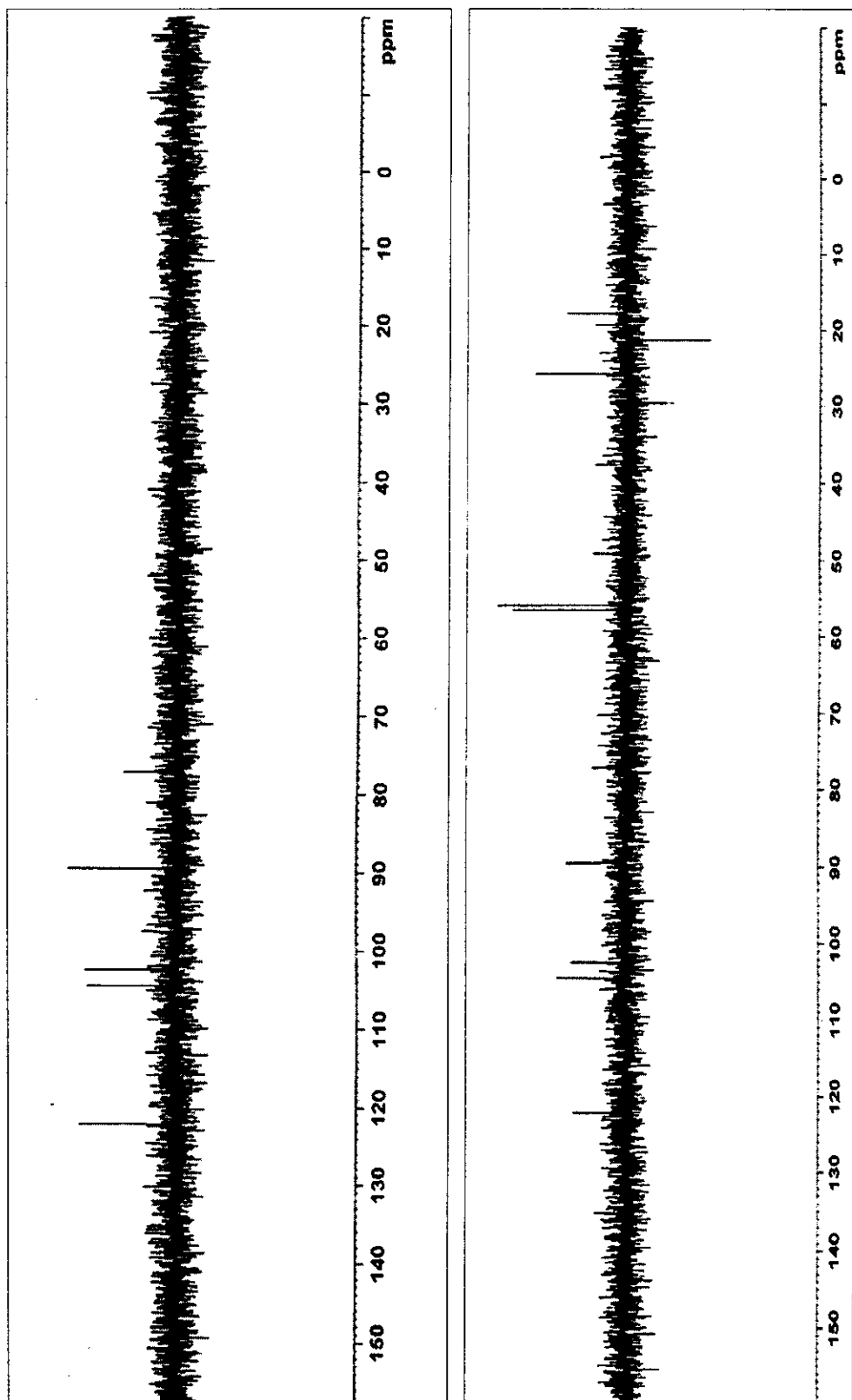


Figure 60 DEPT spectrum of compound W6

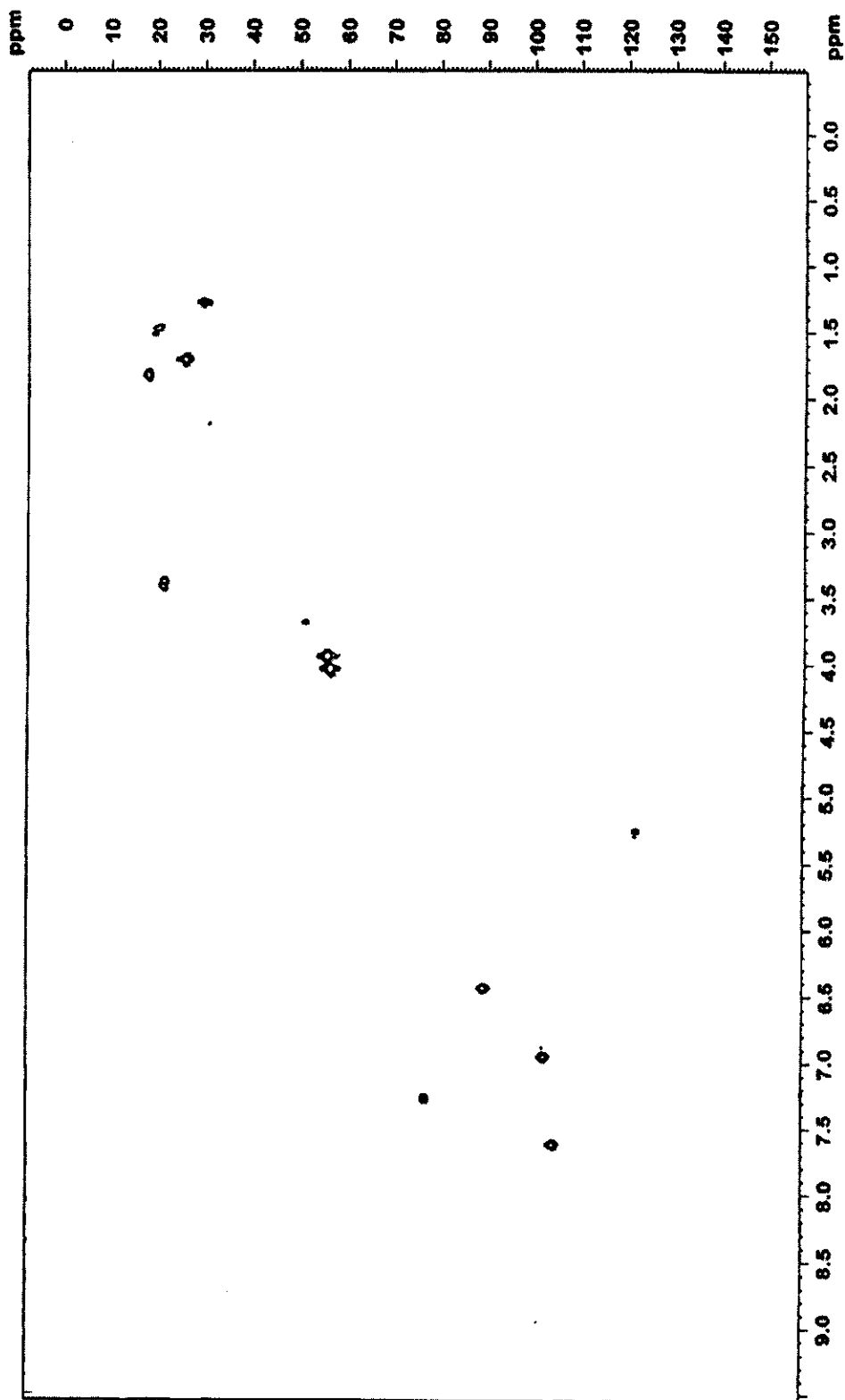


Figure 61 2D HMQC spectrum of compound W6

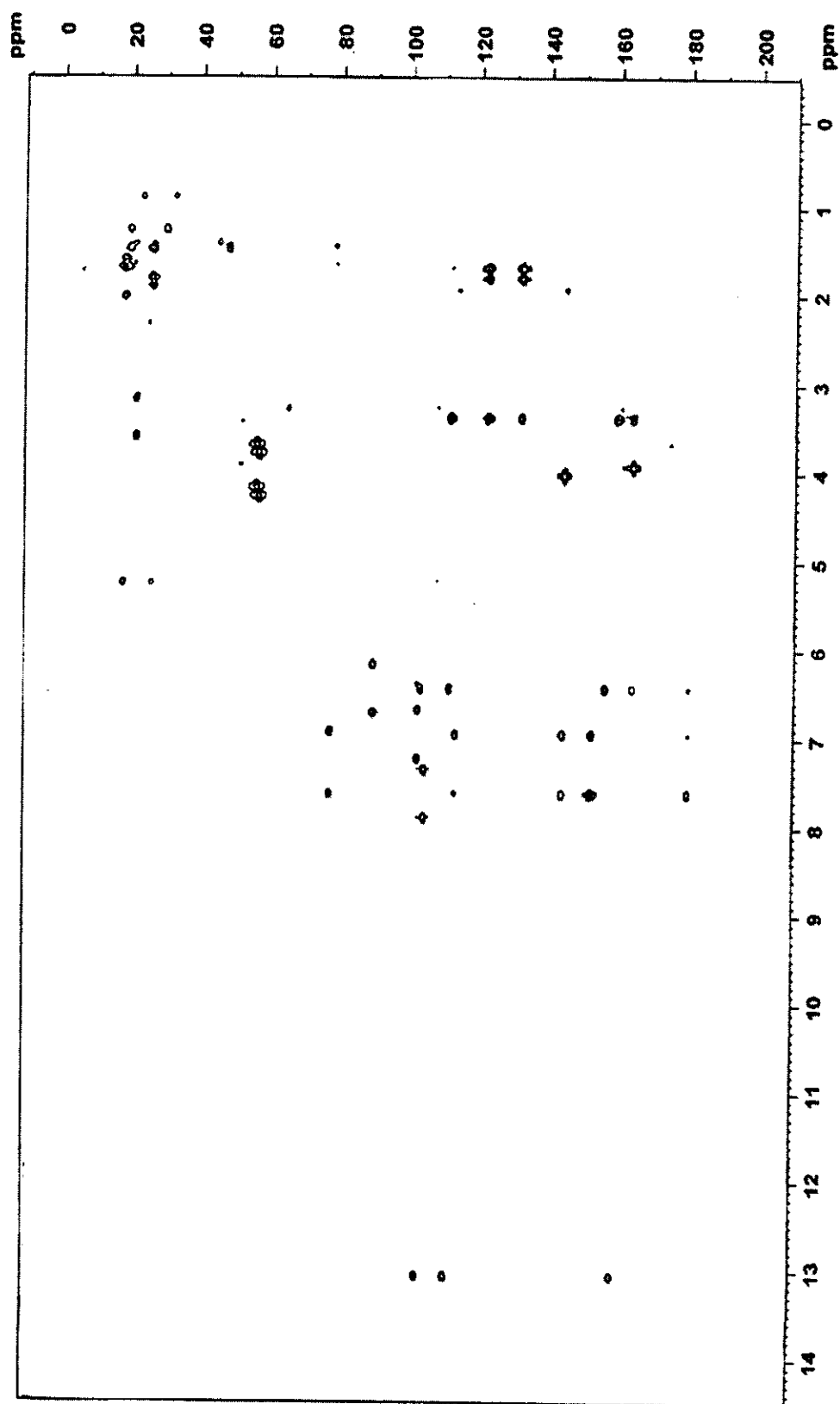


Figure 62 2D HMBC spectrum of compound W6

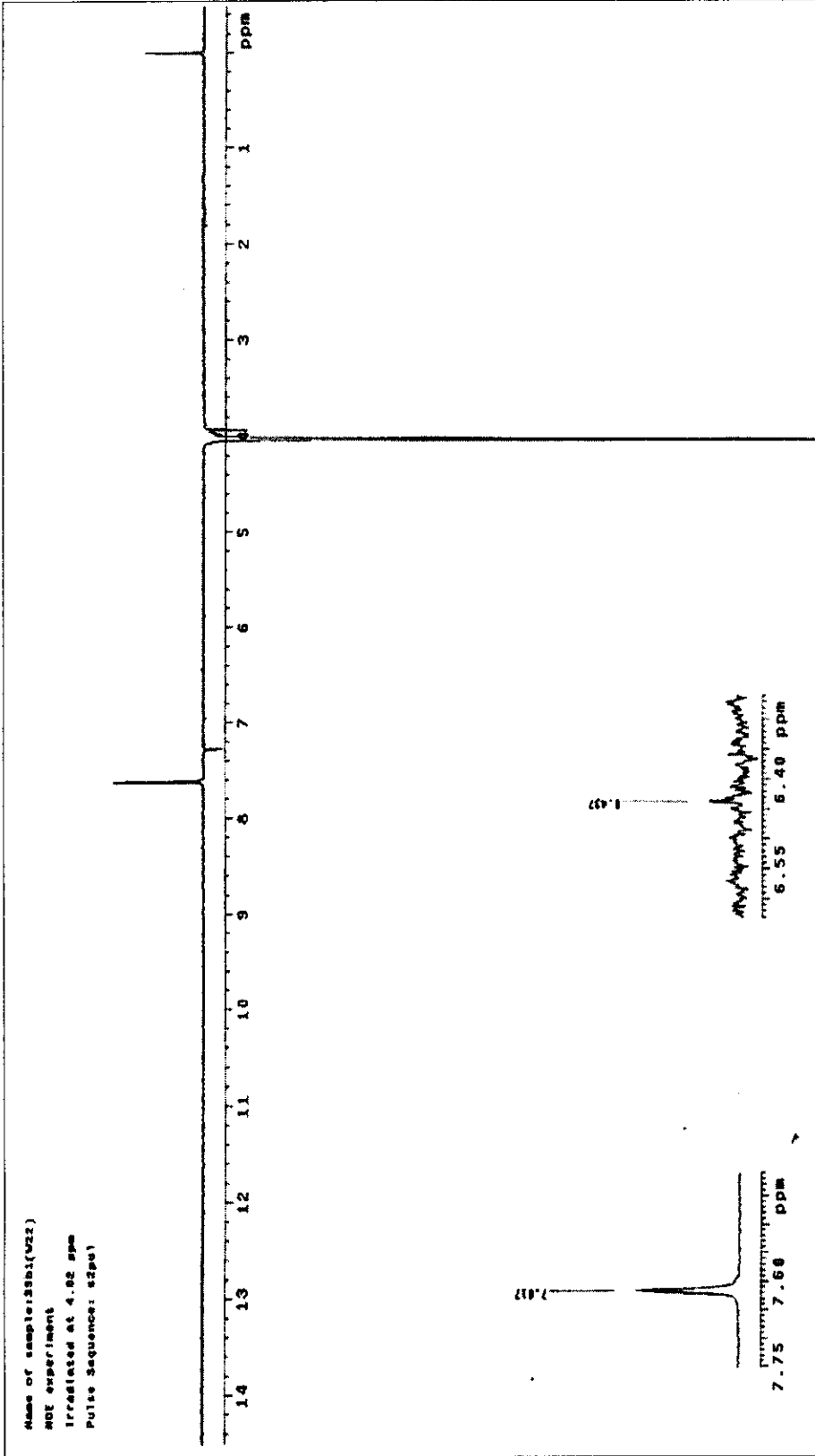


Figure 63 NOEDIFF spectrum of compound W6 after irradiation at $\delta_{\text{H}} 4.02$

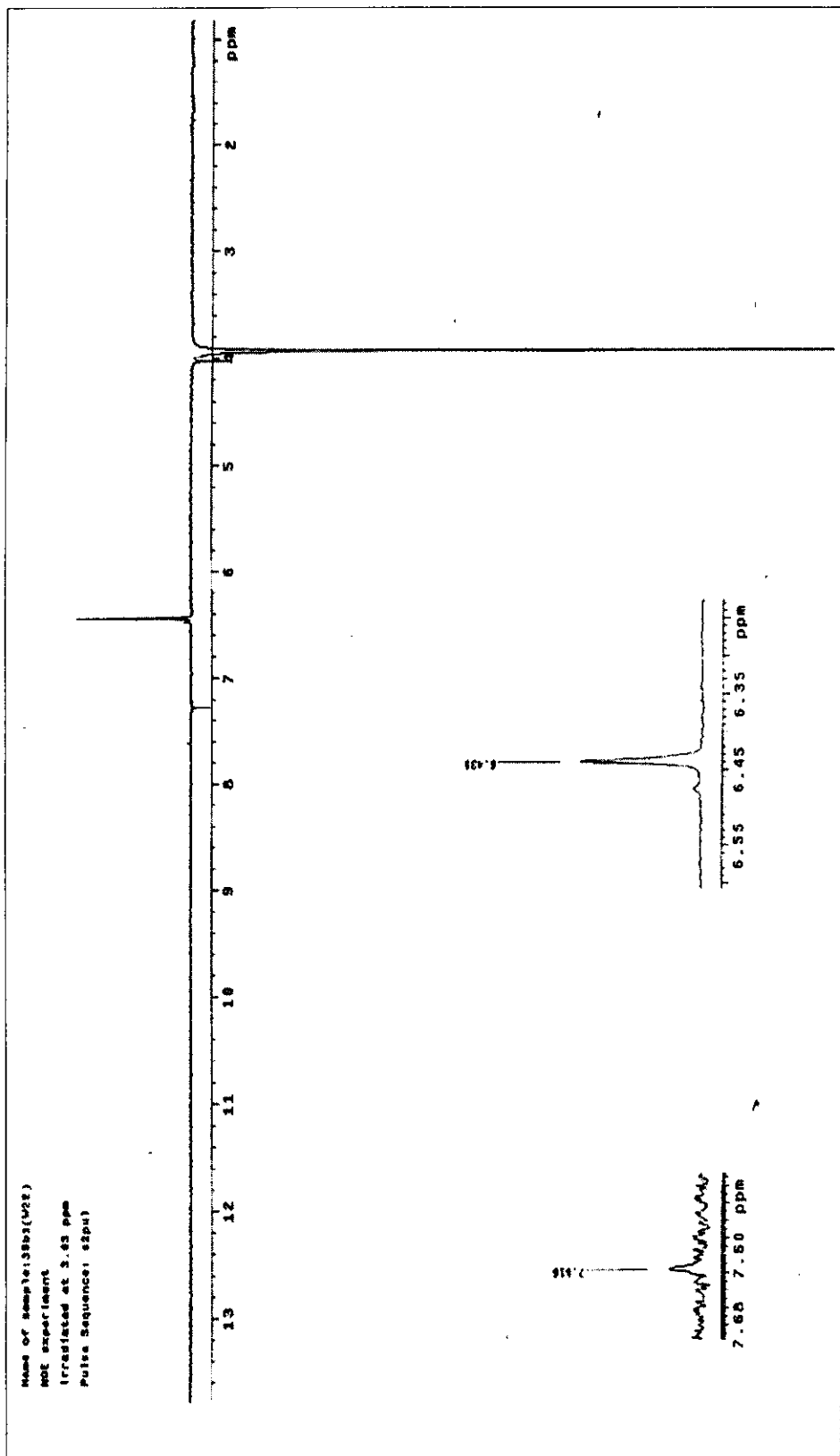


Figure 64 NOEDIFF spectrum of compound W6 after irradiation at δ_{H} 3.92

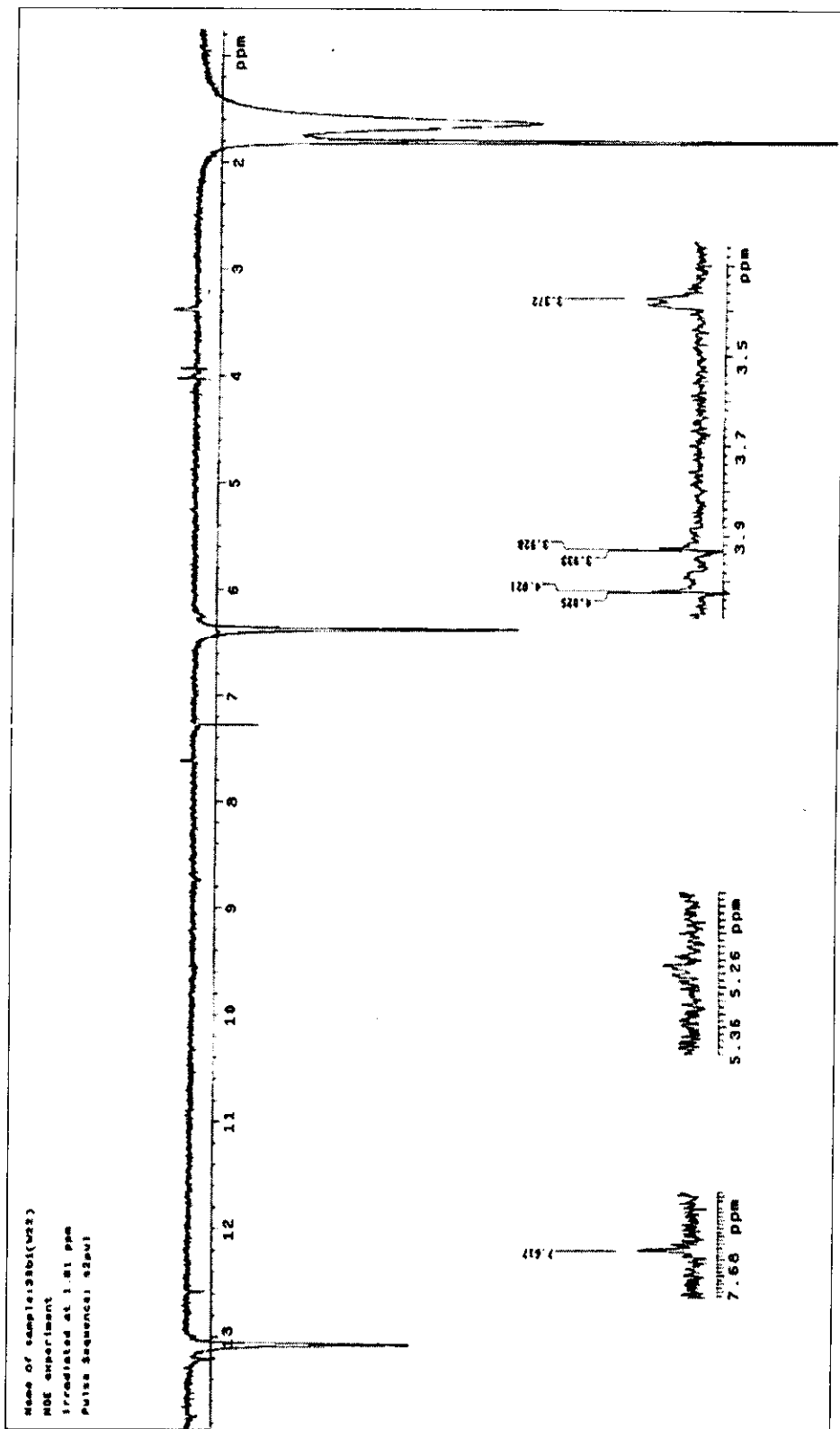


Figure 65 NOEDIFF spectrum of compound W6 after irradiation at δ_H 1.81

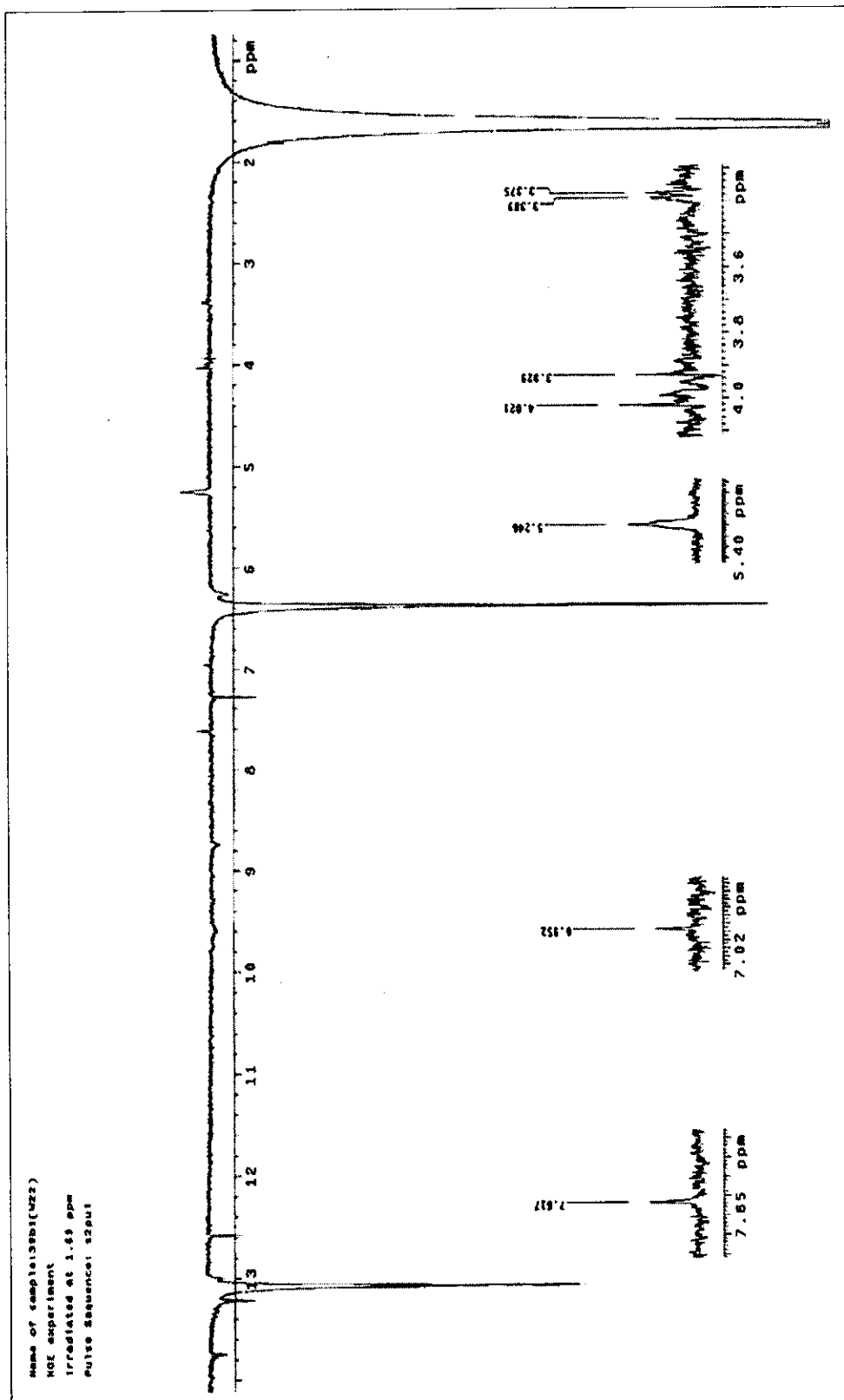


Figure 66 NOEDIFF spectrum of compound W6 after irradiation at δ_{H} 1.69

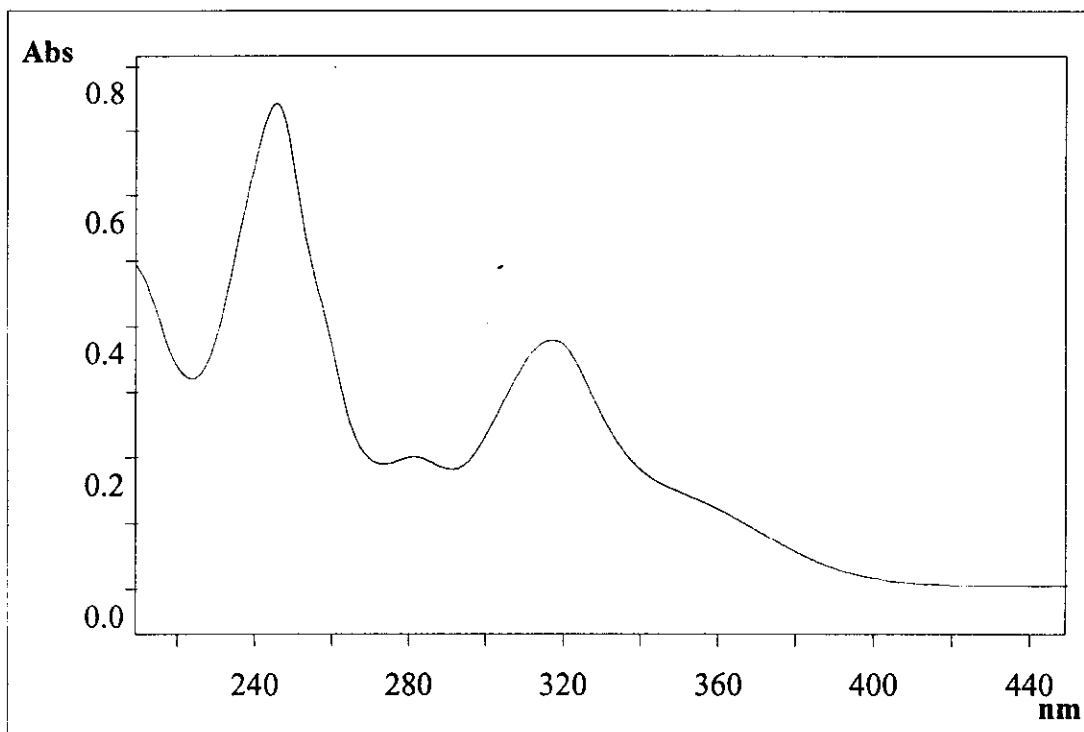


Figure 67 UV (MeOH) spectrum of compound W7

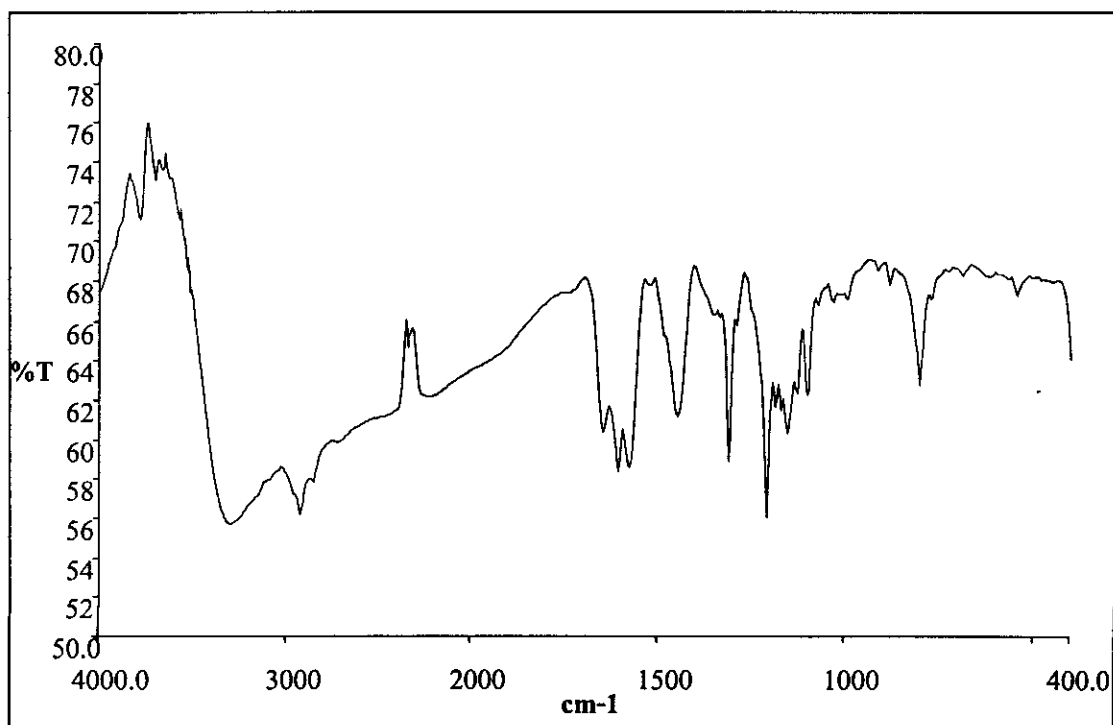


Figure 68 FT-IR (KBr) spectrum of compound W7

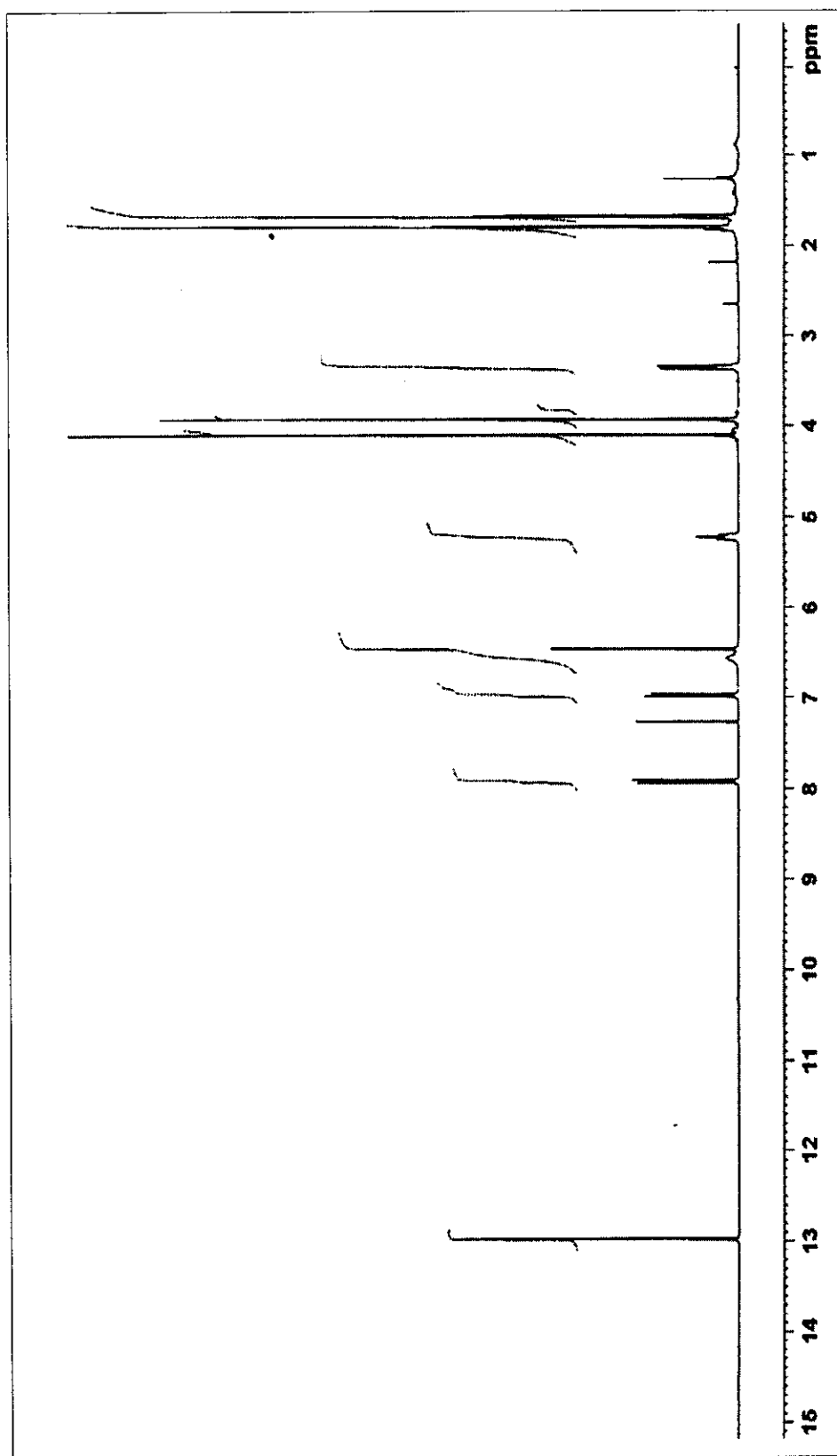


Figure 69 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W7

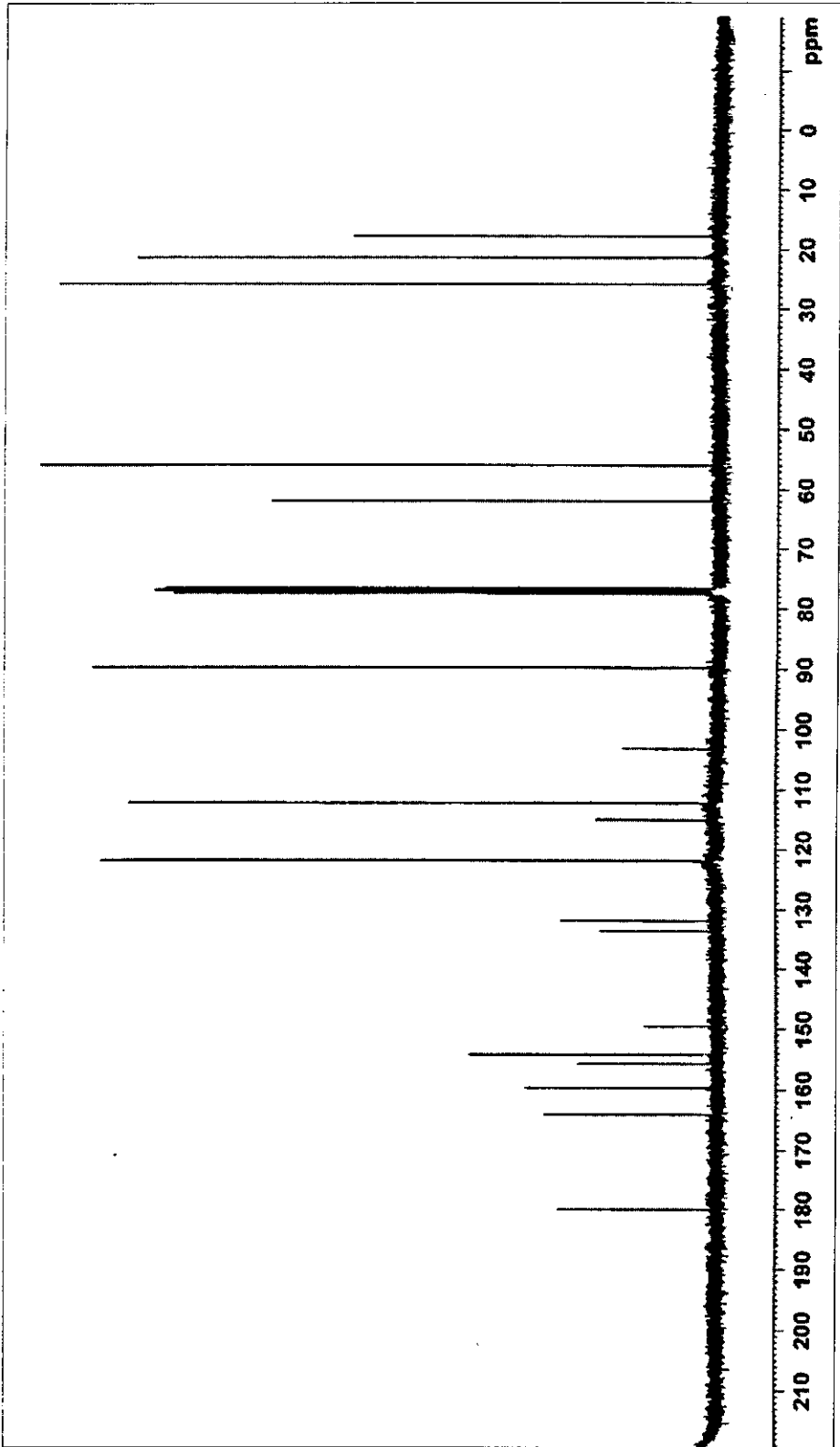


Figure 70 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W7

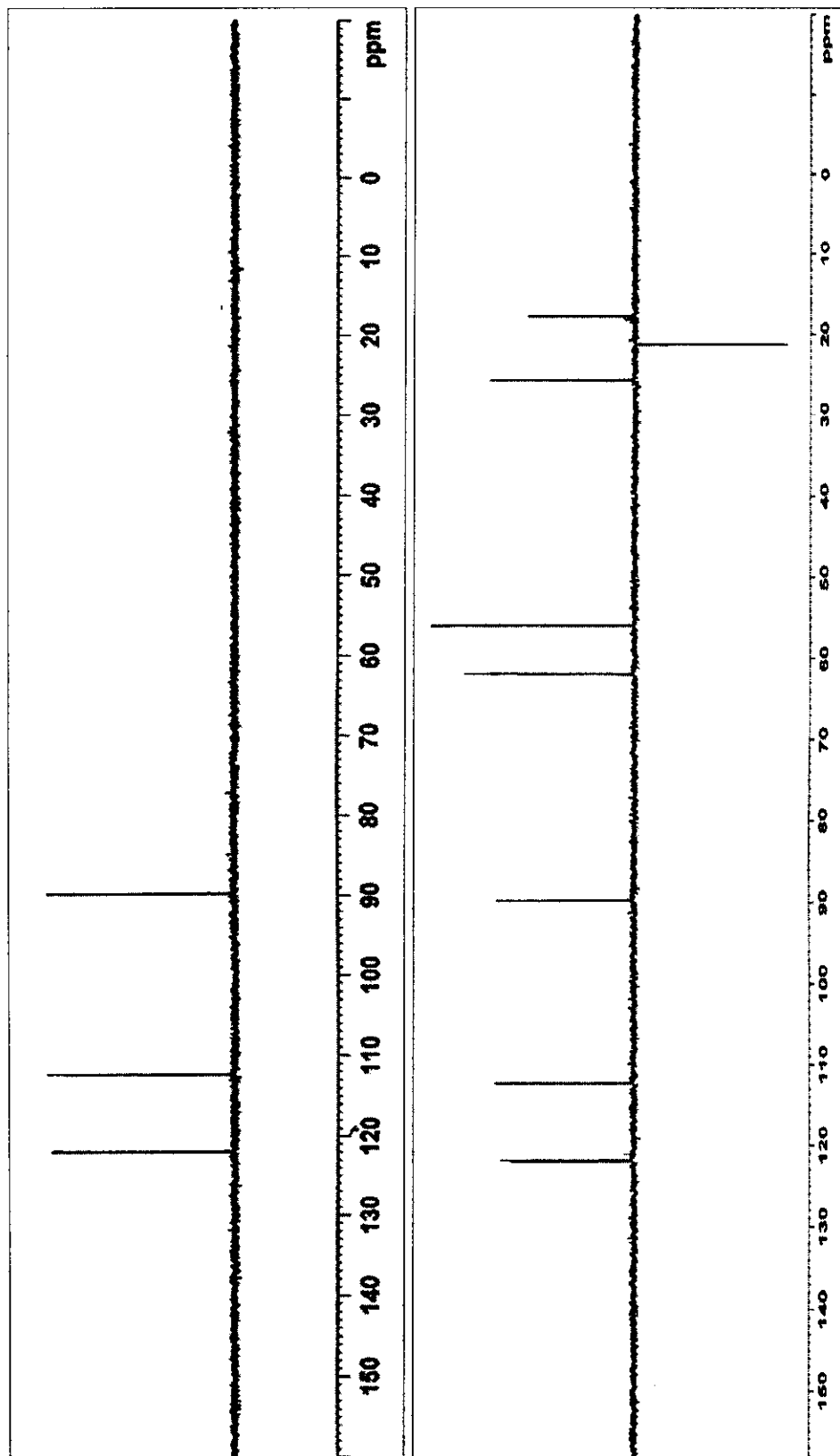


Figure 71 DEPT spectrum of compound W7

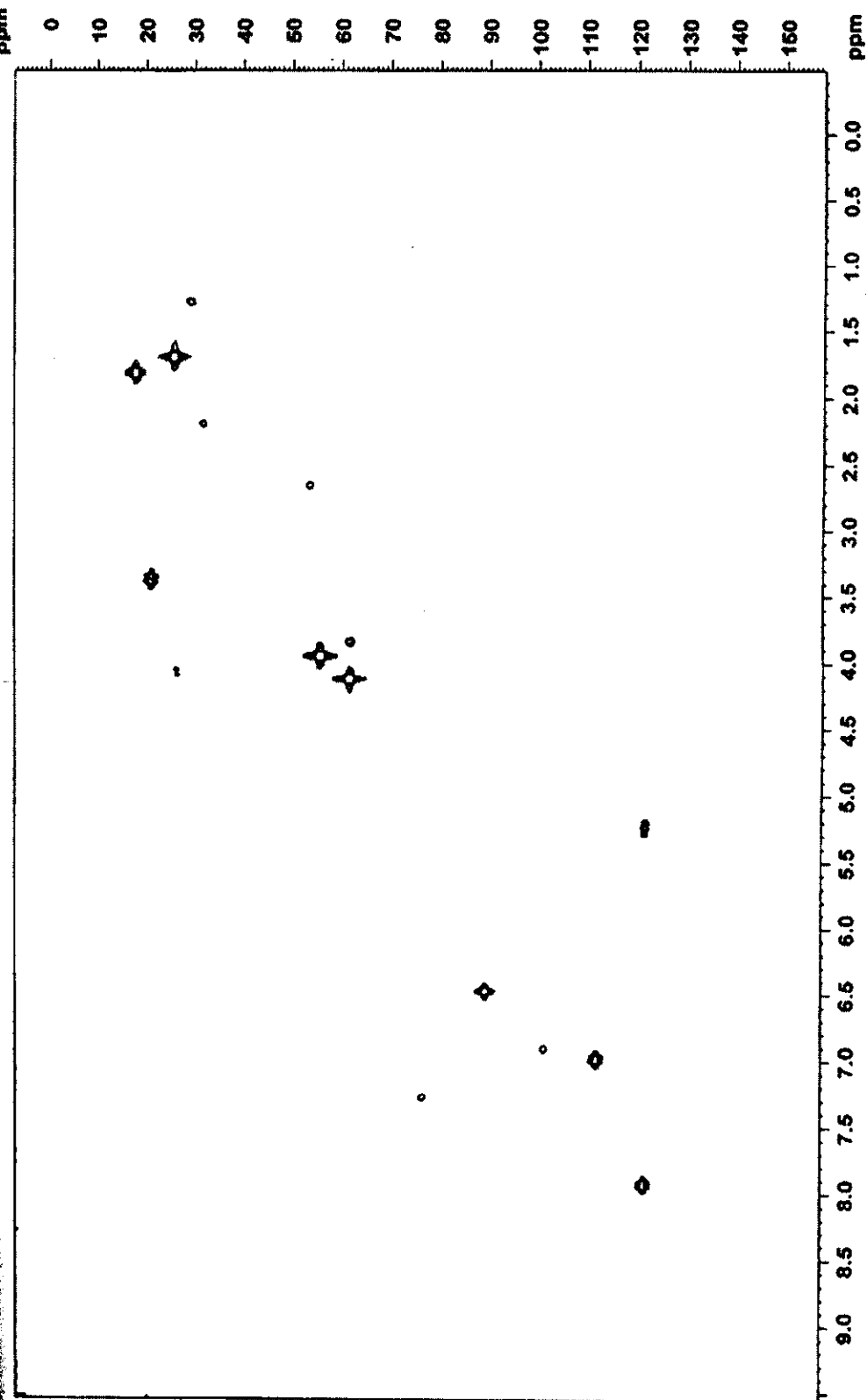


Figure 72 2D HMQC spectrum of compound W7

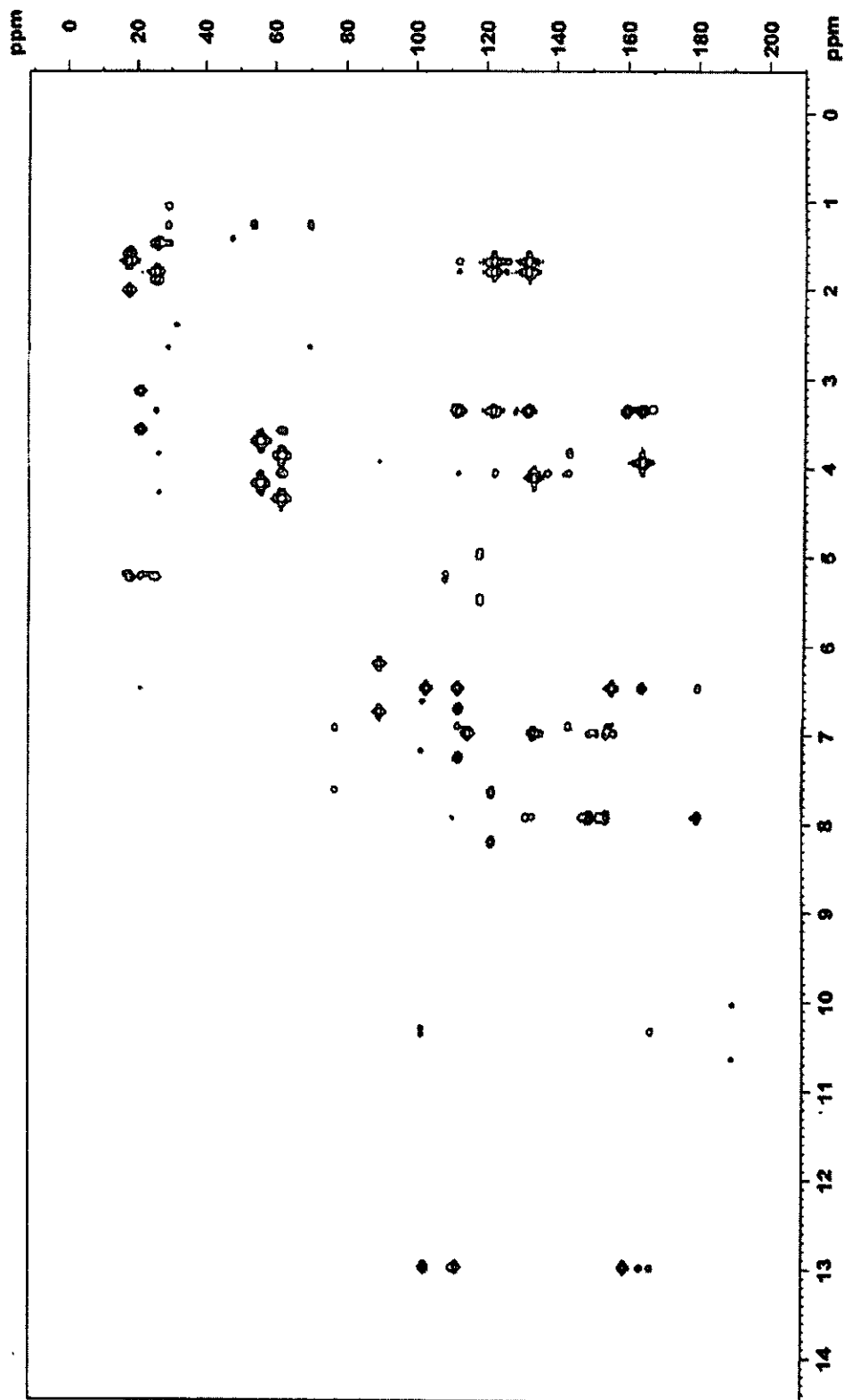


Figure 73 2D HMBC spectrum of compound W7



Figure 74 Mass spectrum of compound W7

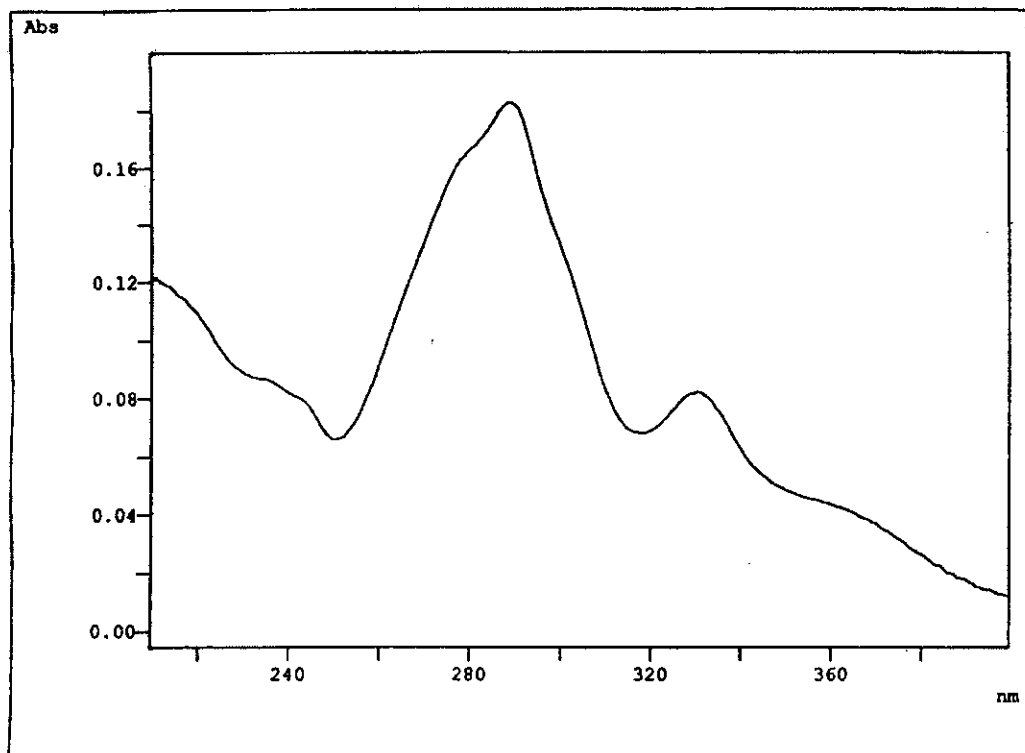


Figure 75 UV (MeOH) spectrum of compound **W8**

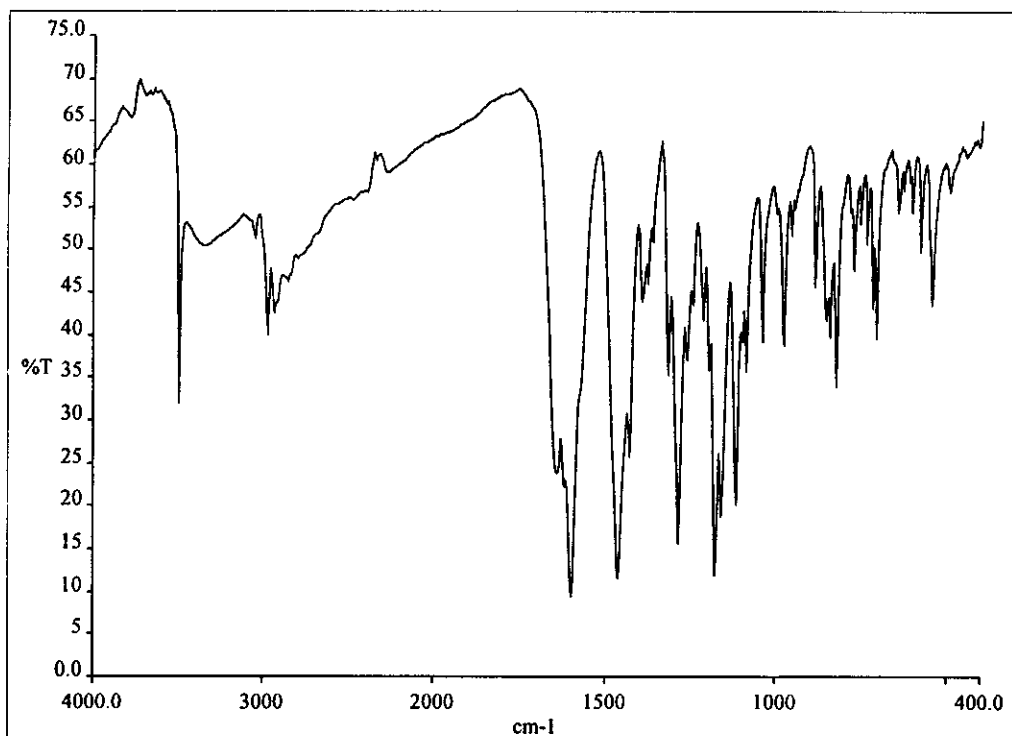


Figure 76 FT-IR (KBr) spectrum of compound **W8**

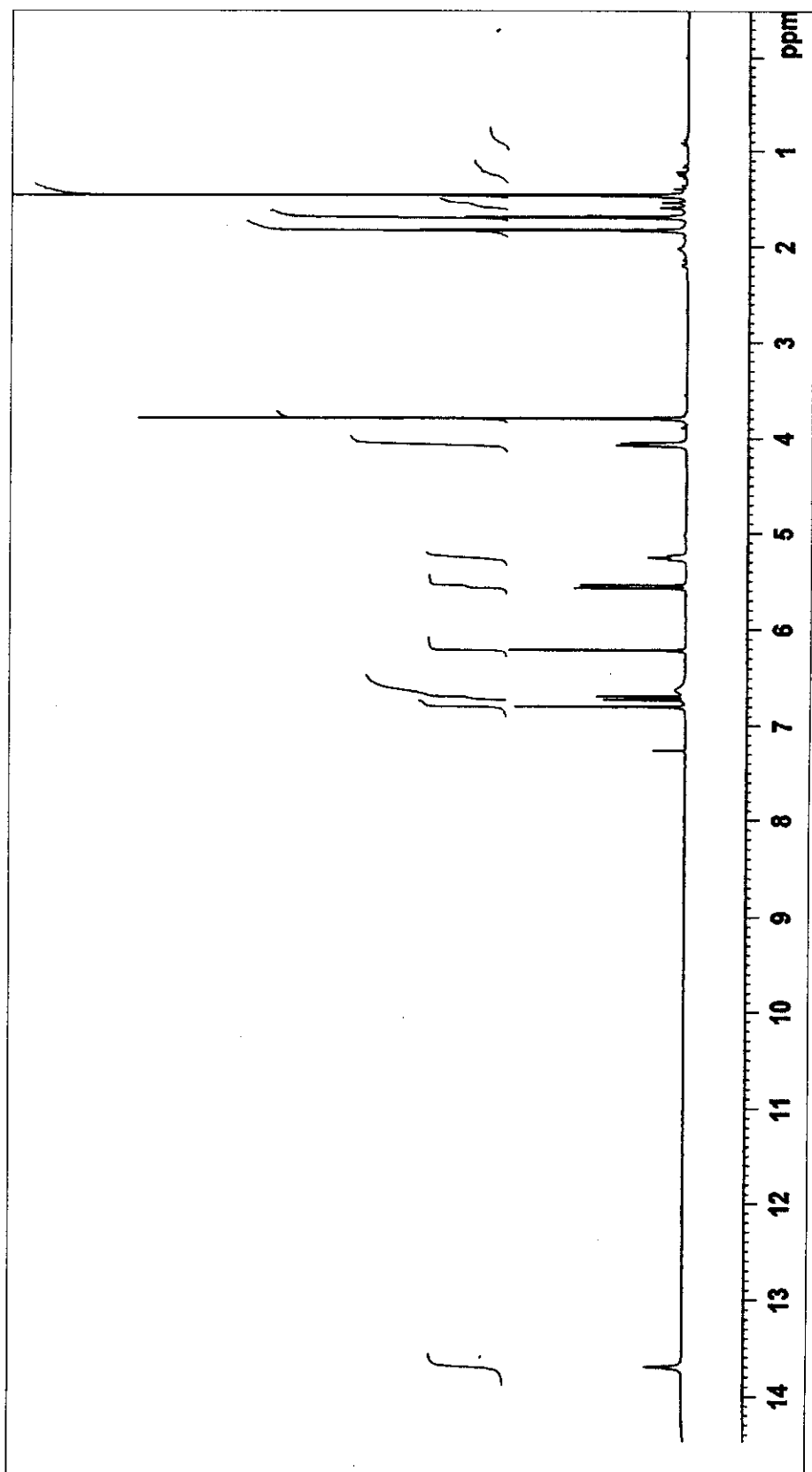


Figure 77 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W8

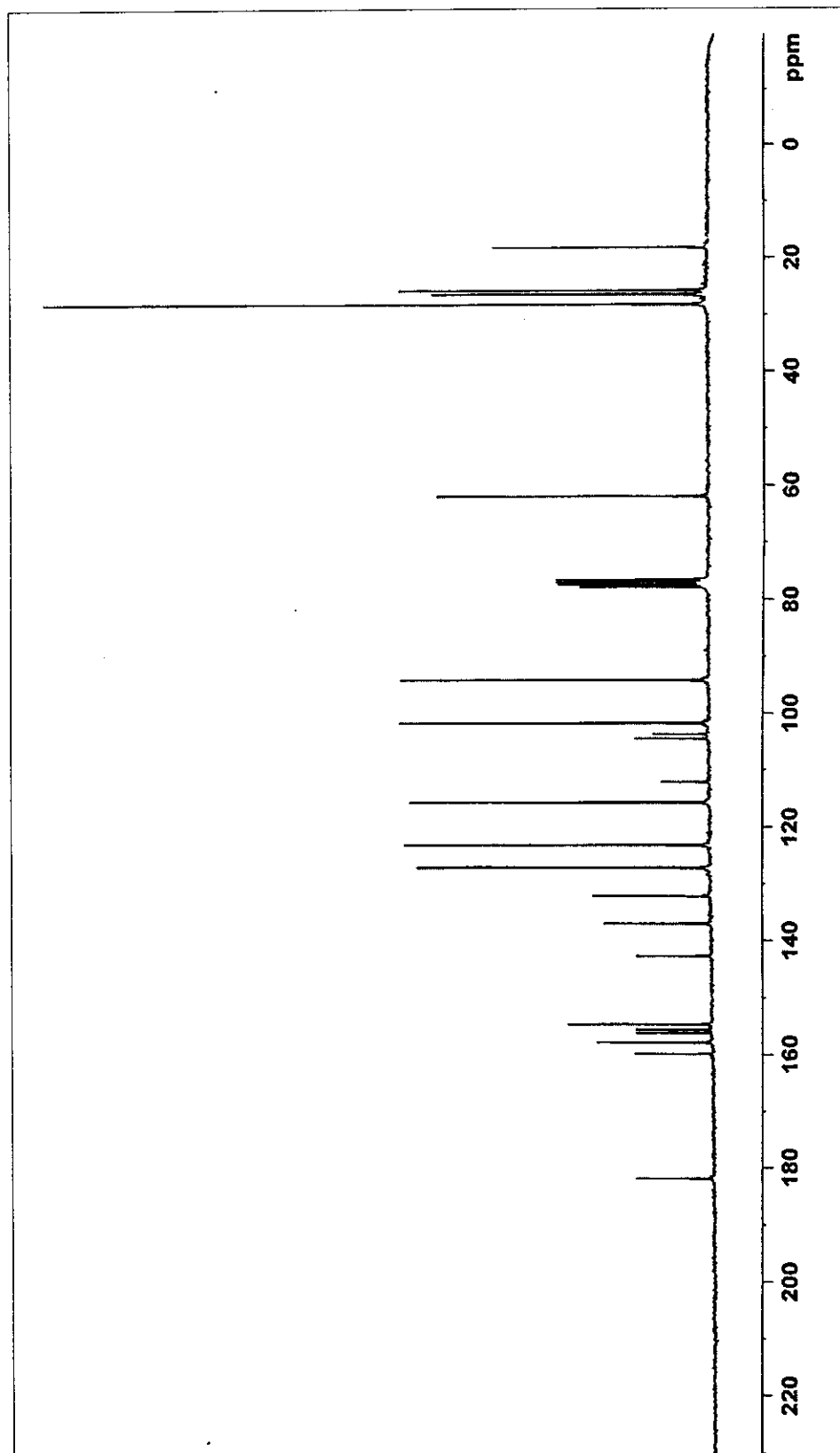


Figure 78 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W8

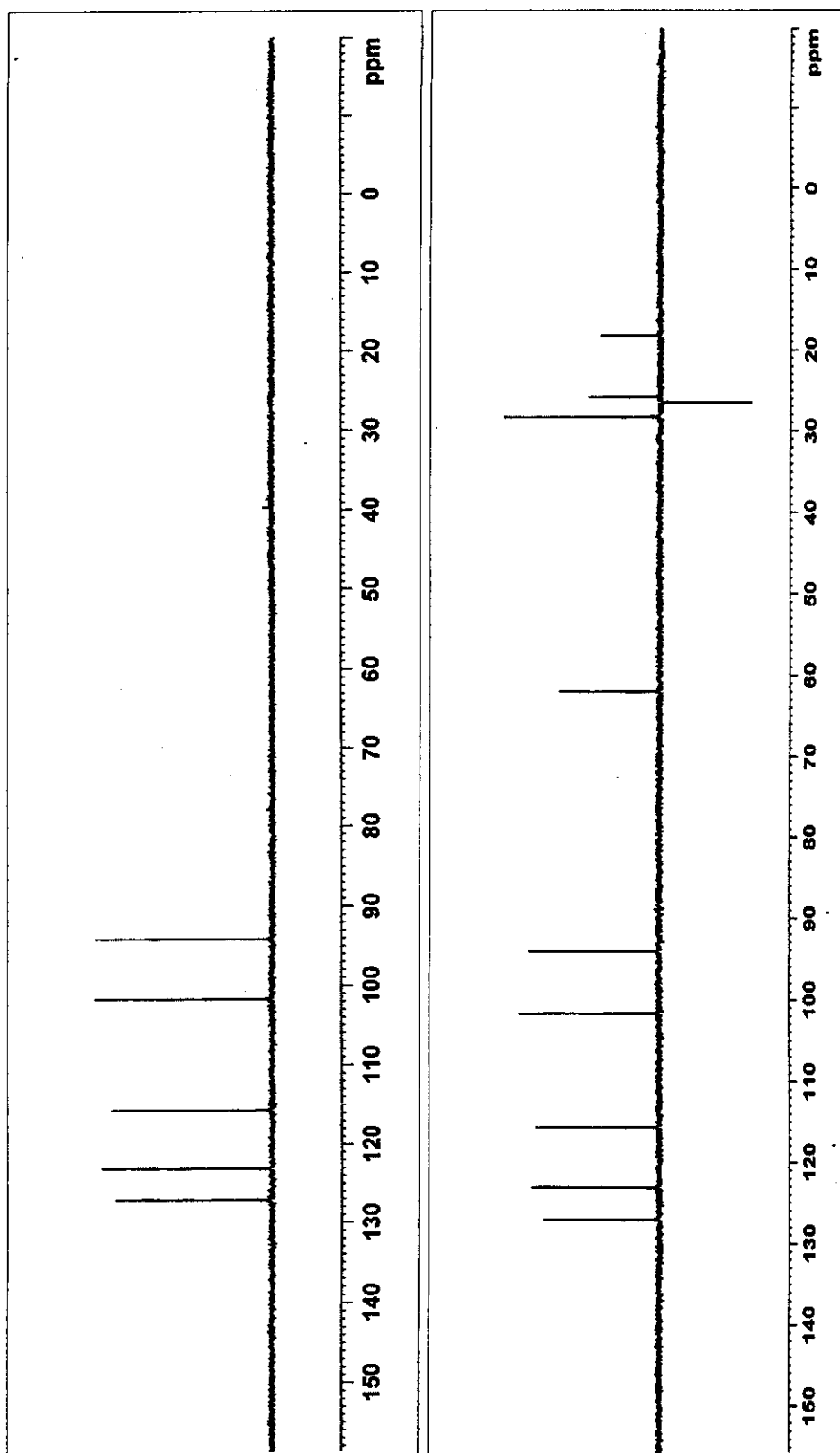


Figure 79 DEPT spectrum of compound W8

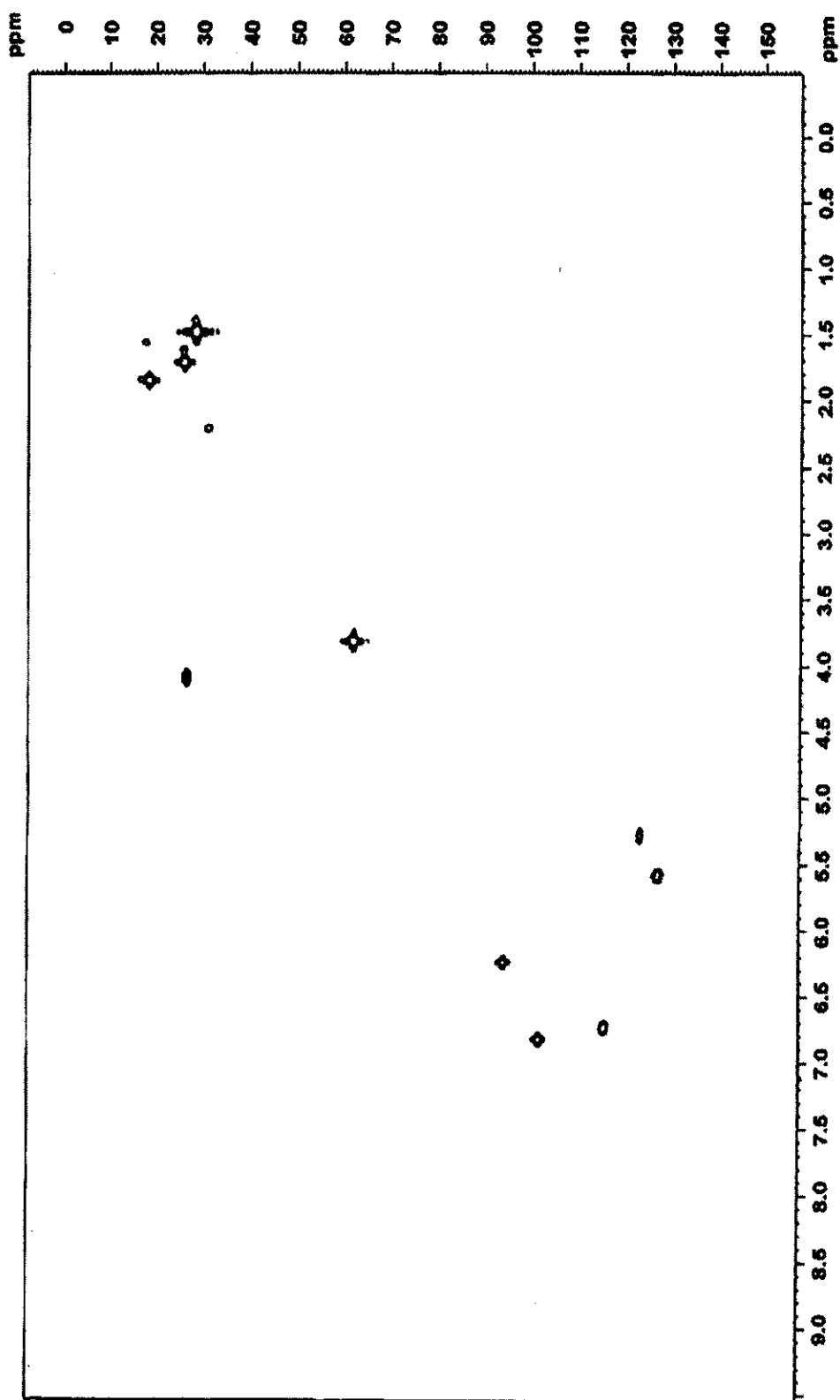


Figure 80 2D HMQC spectrum of compound W8

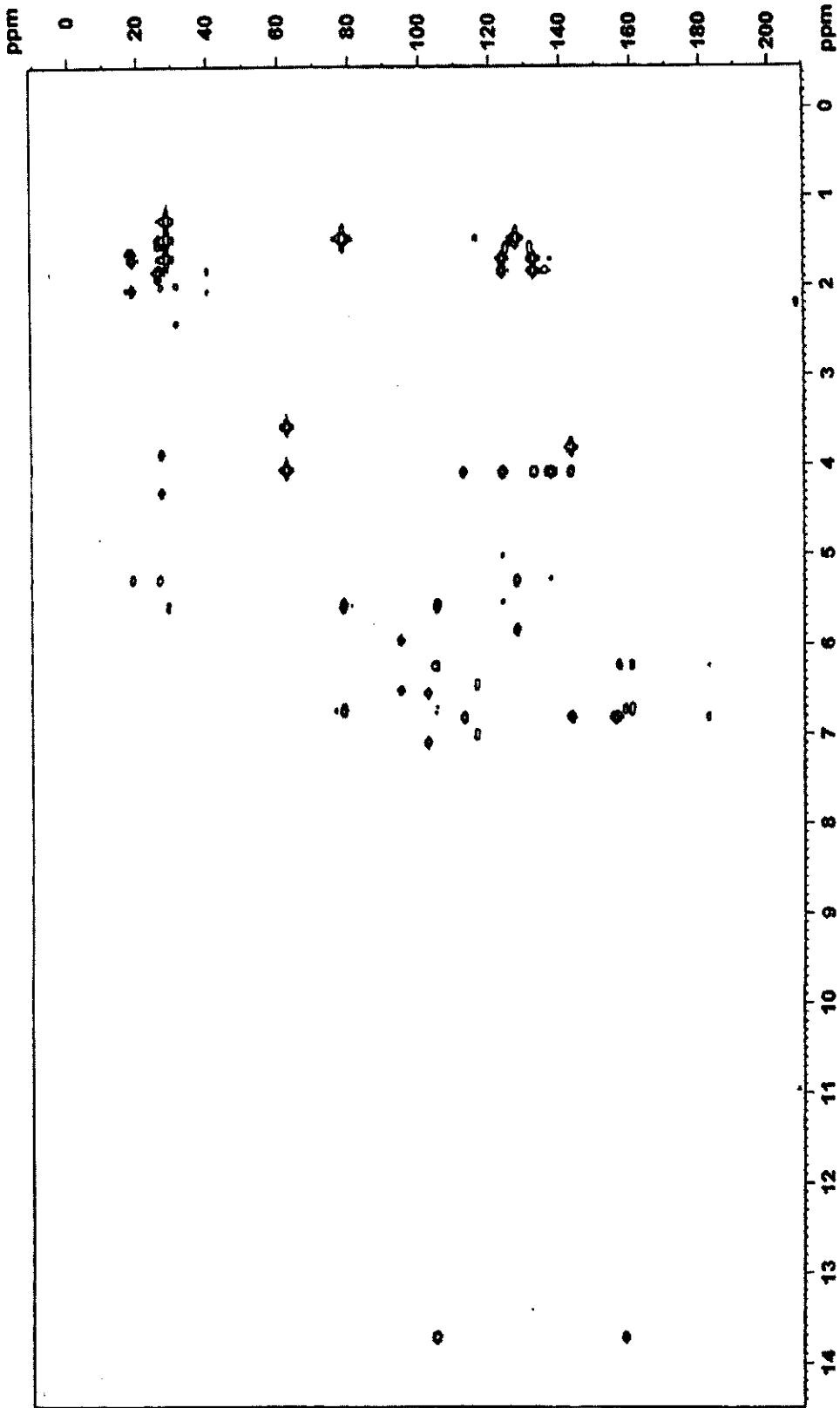


Figure 81 2D HMBC spectrum of compound W8

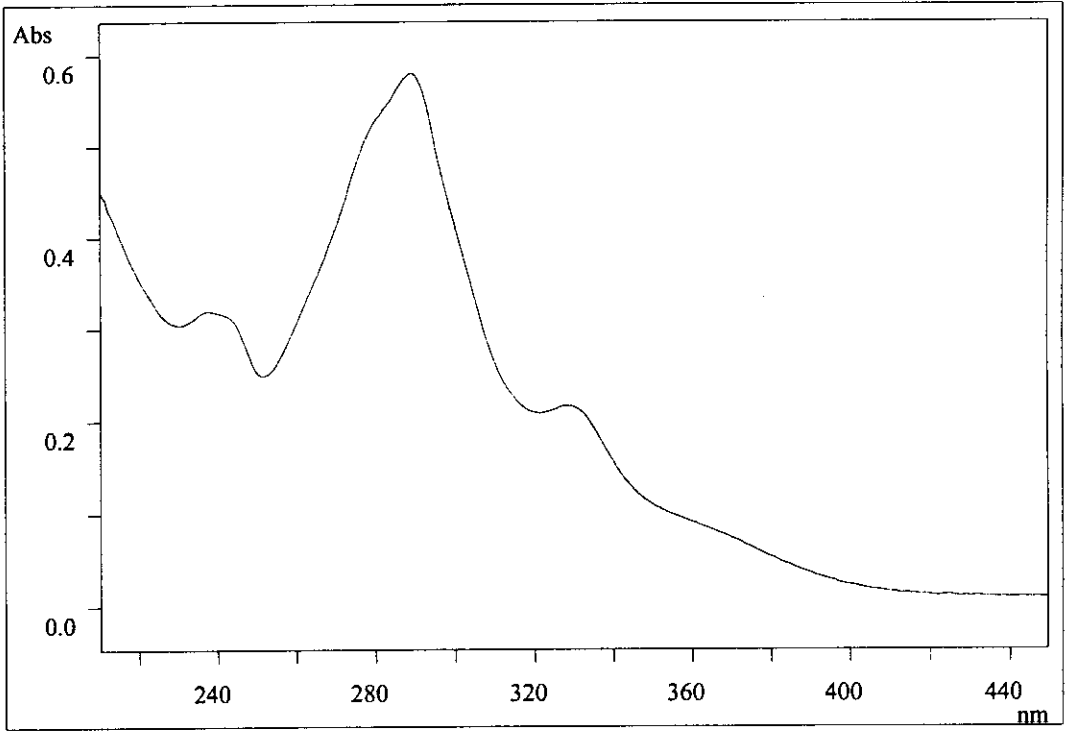


Figure 82 UV (MeOH) spectrum of compound W9

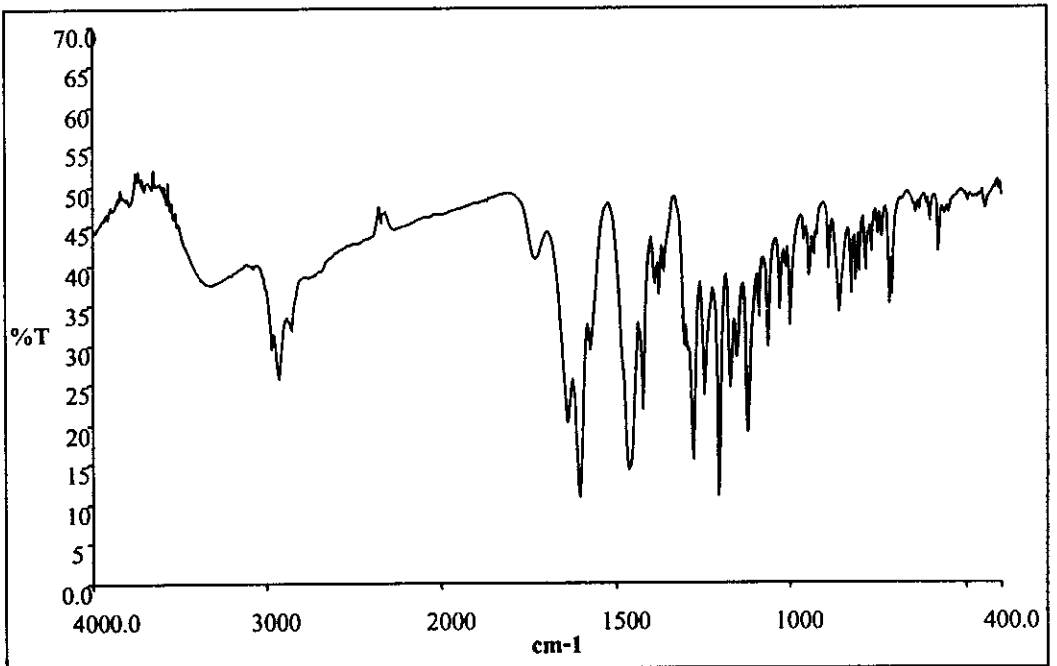


Figure 83 FT-IR (KBr) spectrum of compound W9

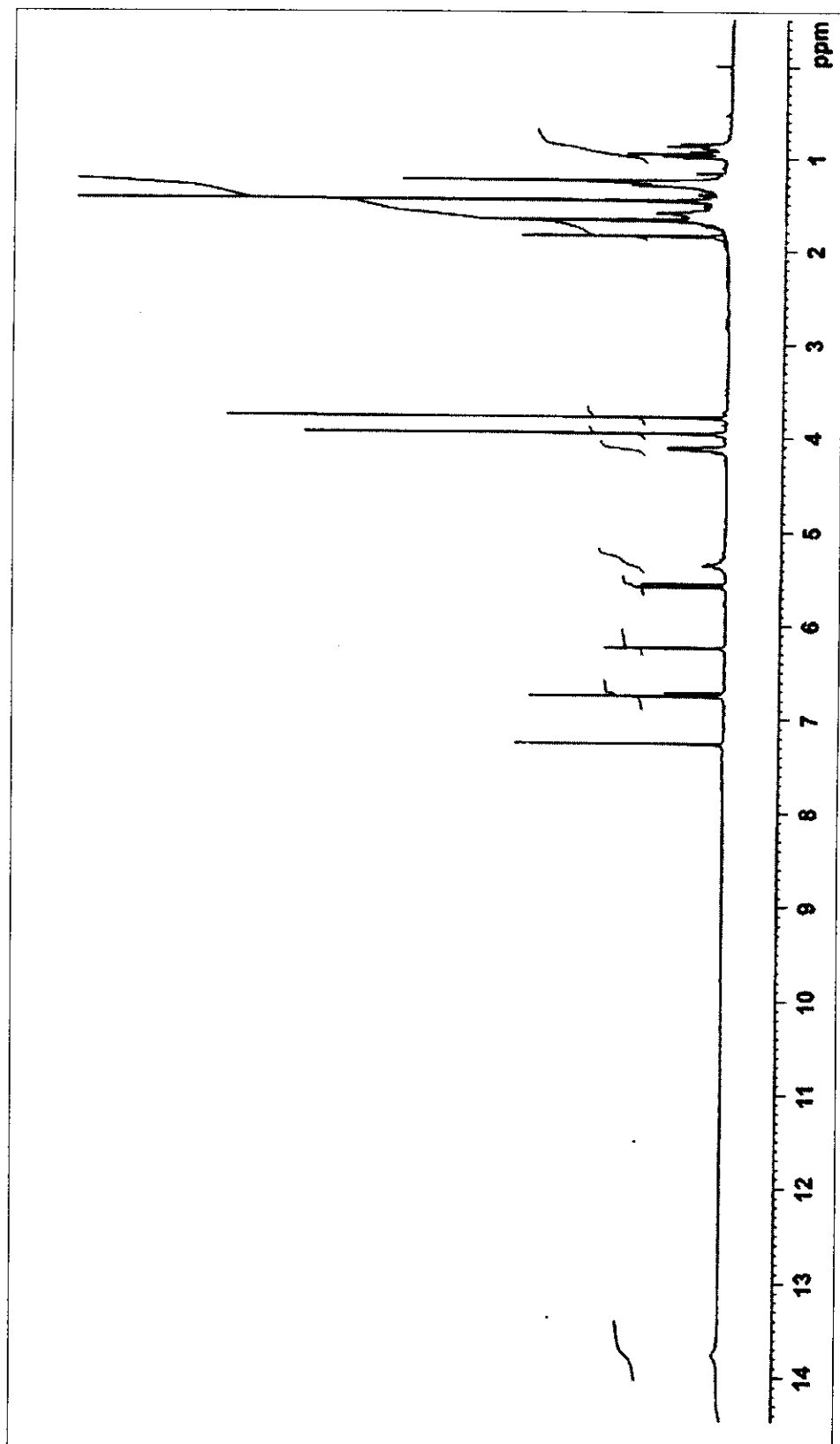


Figure 84 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W9

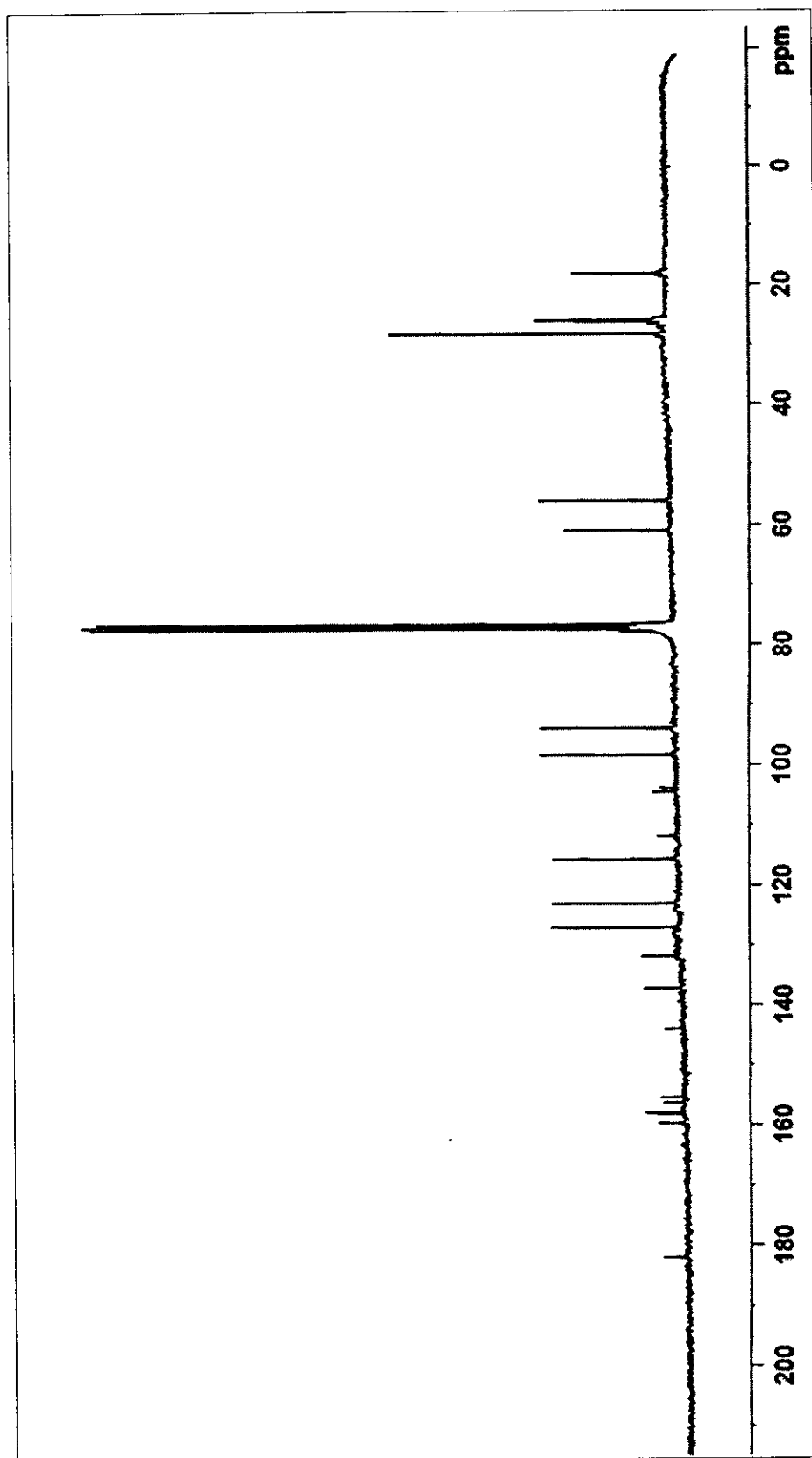


Figure 85 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W9

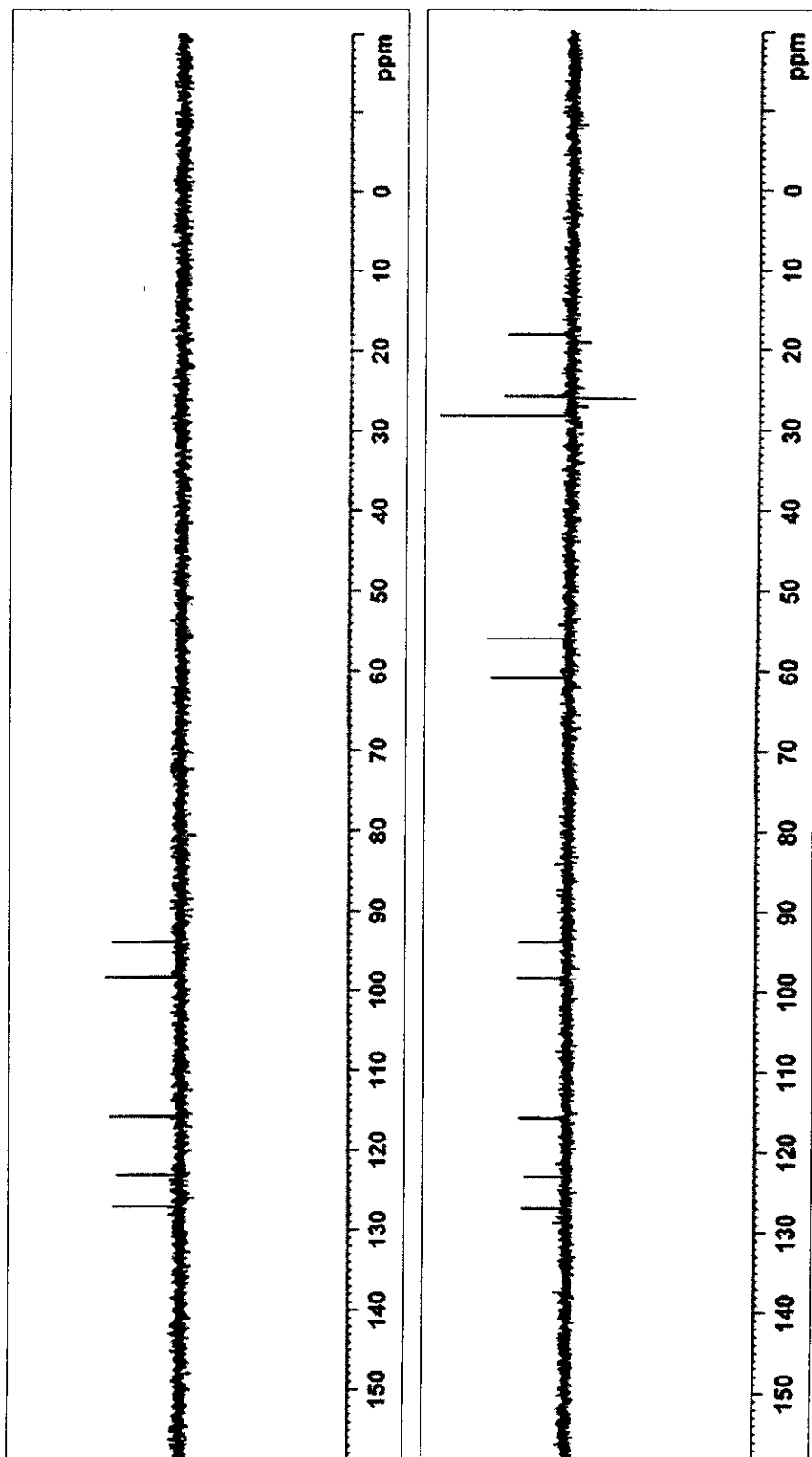


Figure 86 DEPT spectrum of compound W9

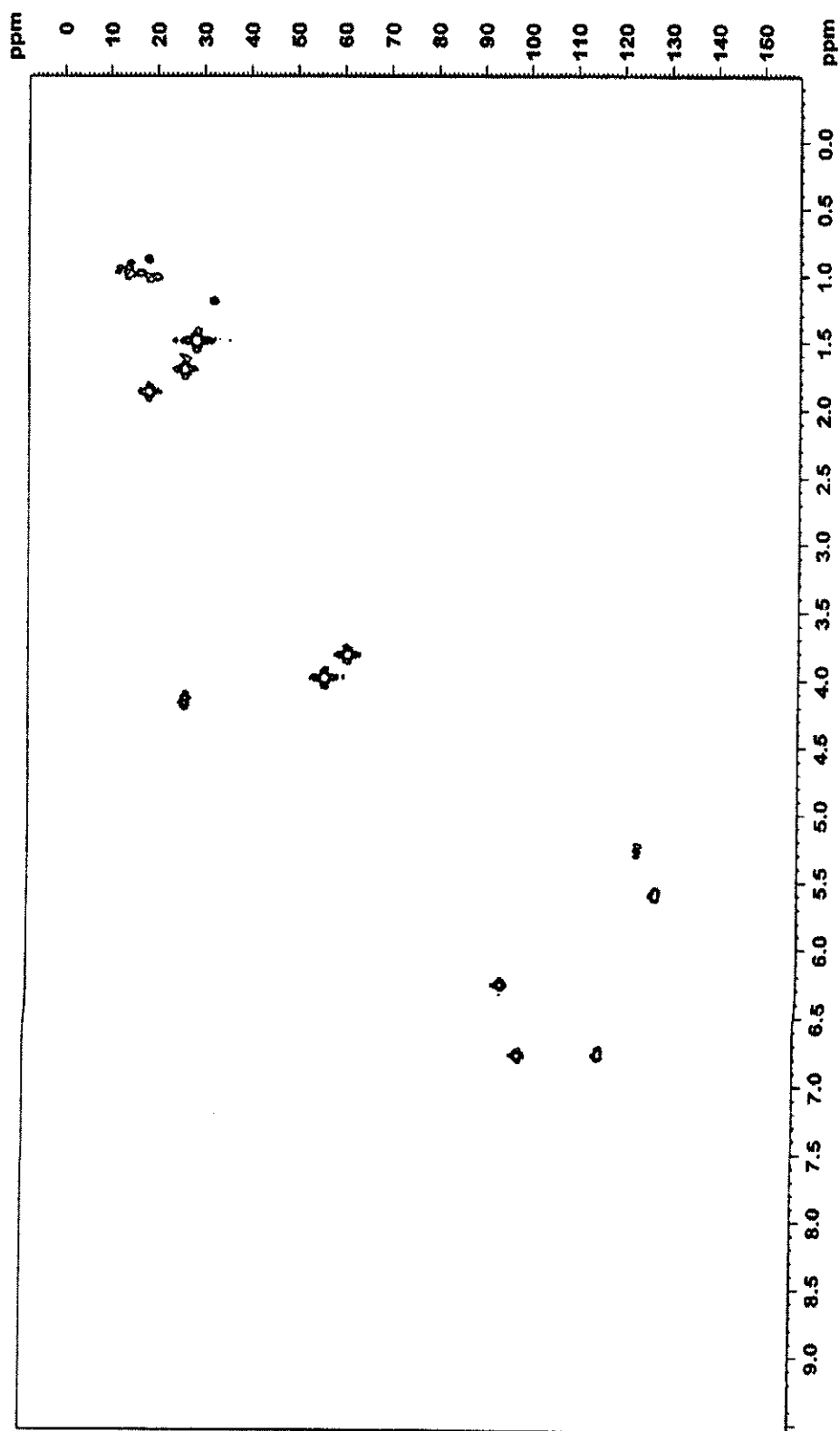


Figure 87 2D HMQC spectrum of compound W9

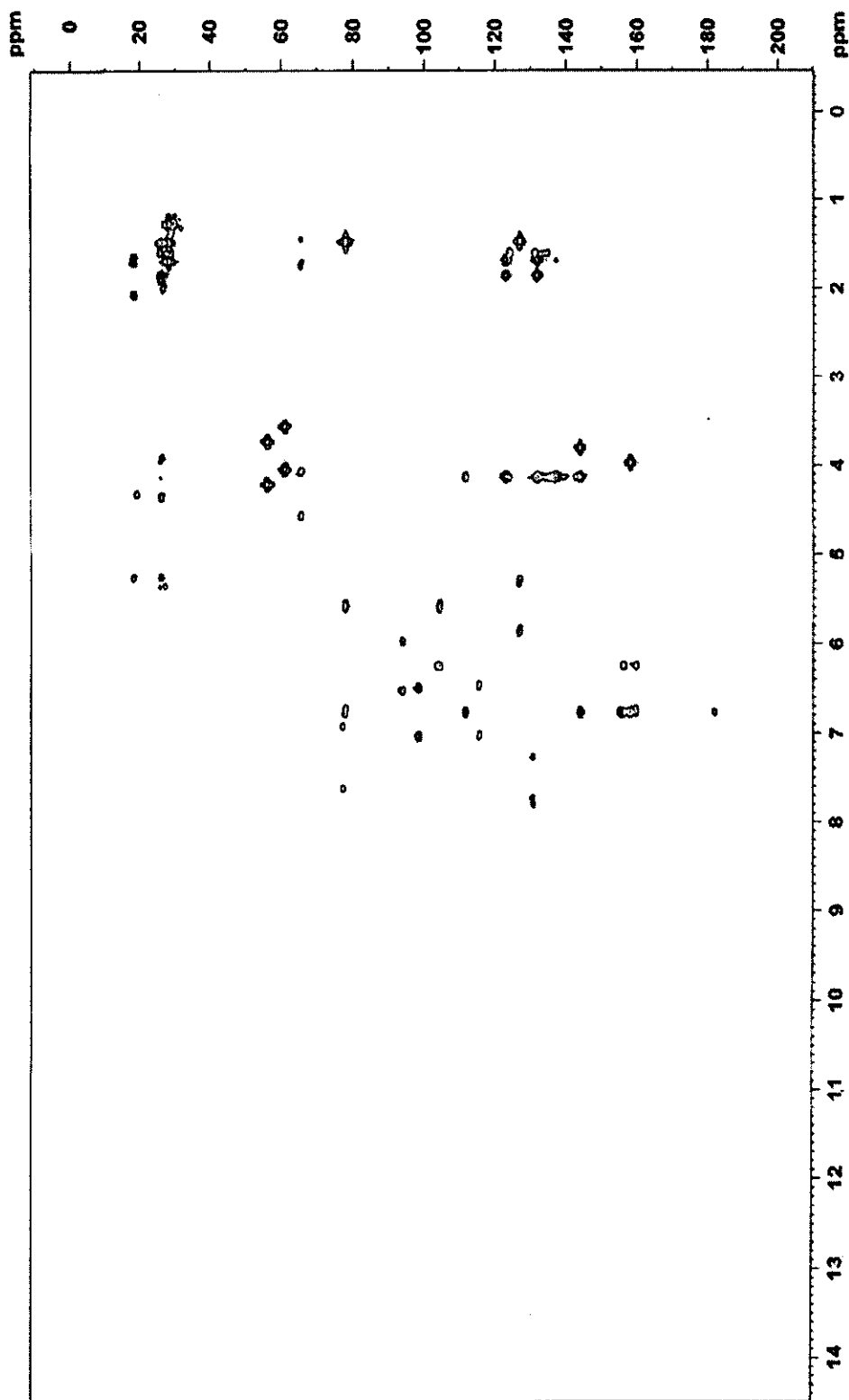


Figure 88 2D HMBC spectrum of compound W9

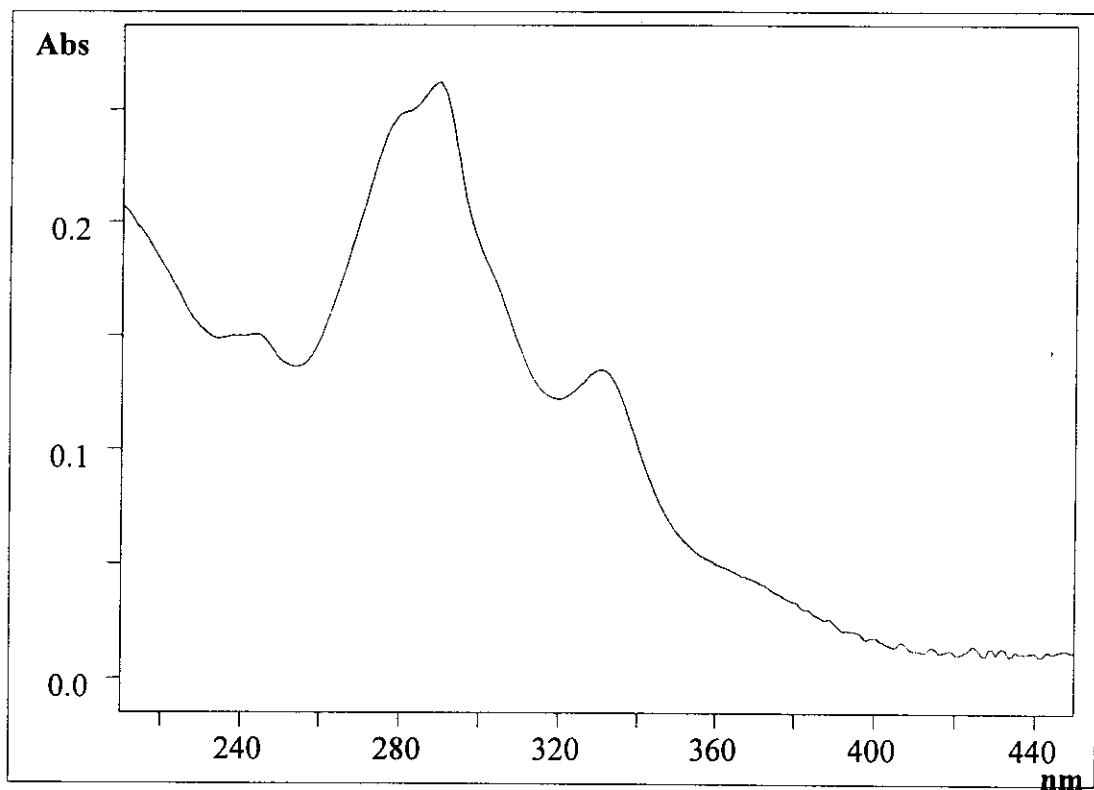


Figure 89 UV (MeOH) spectrum of compound W10

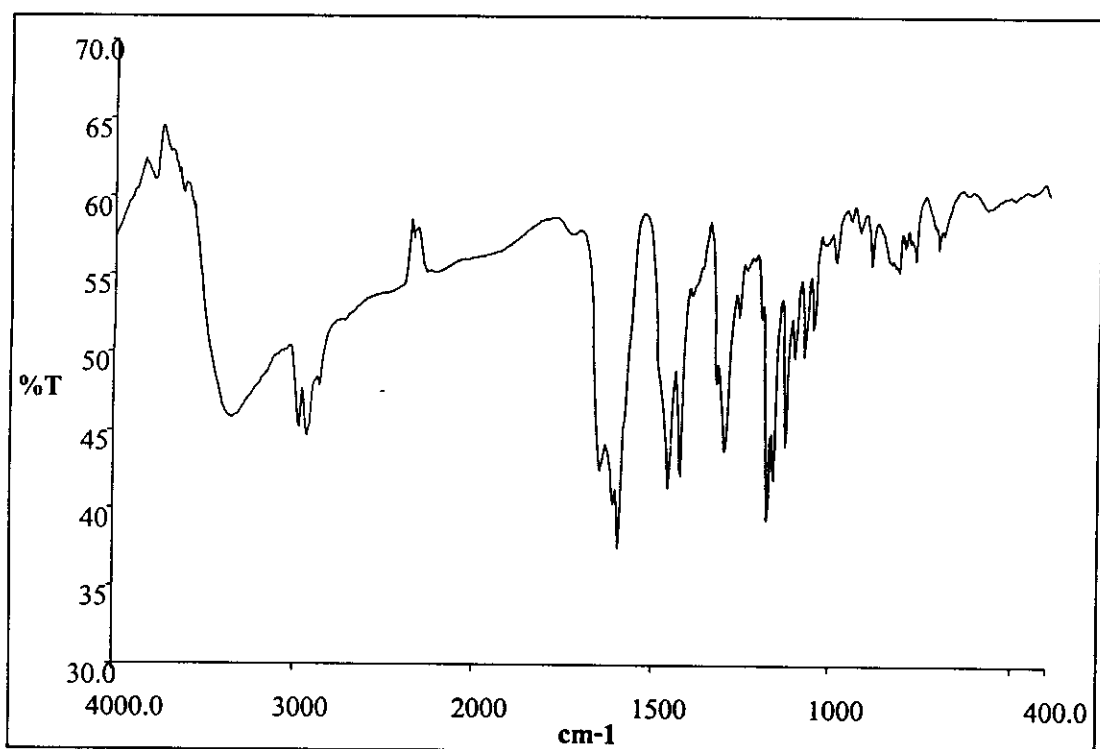


Figure 90 FT-IR (neat) spectrum of compound W10

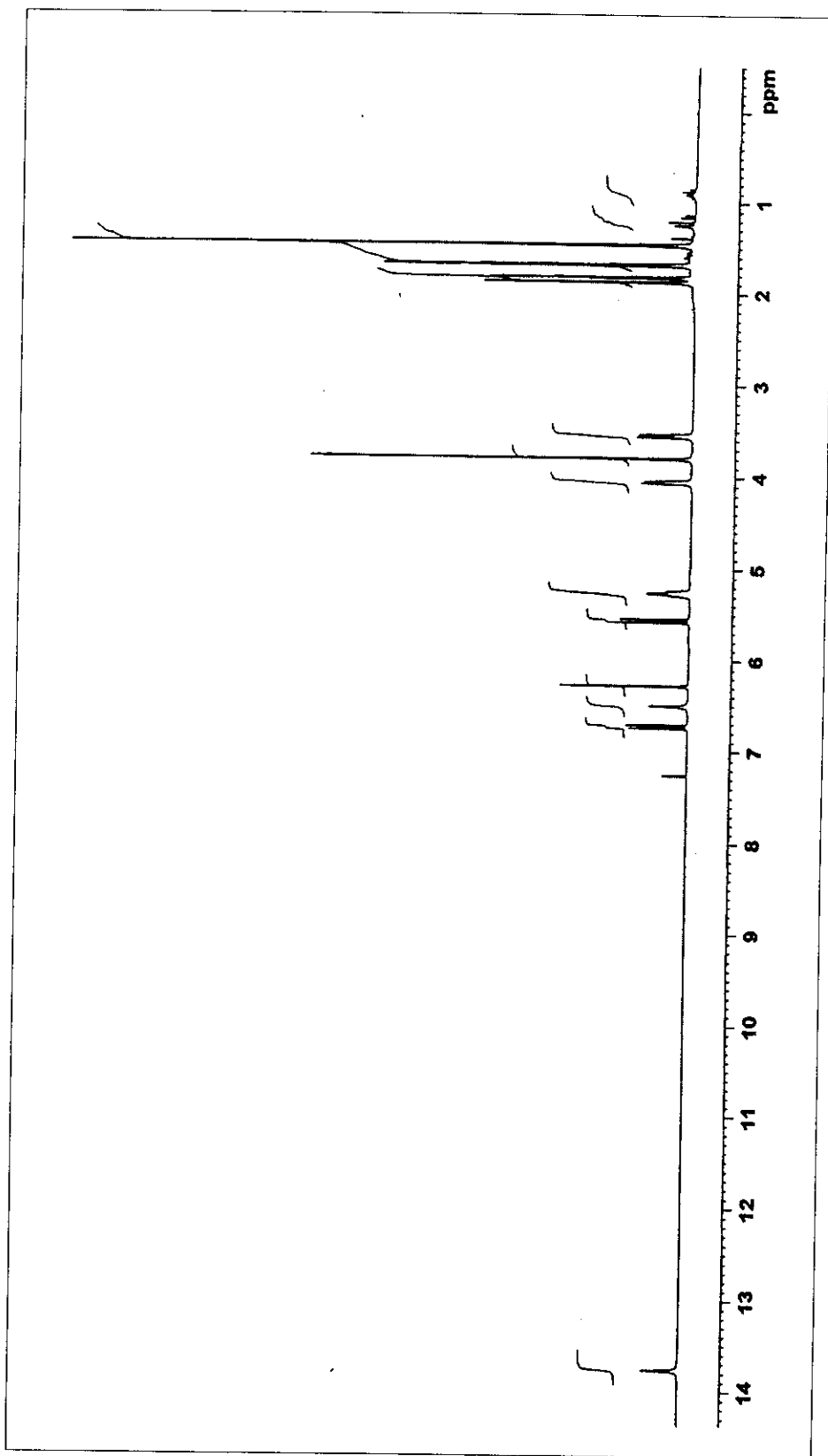


Figure 91 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W10

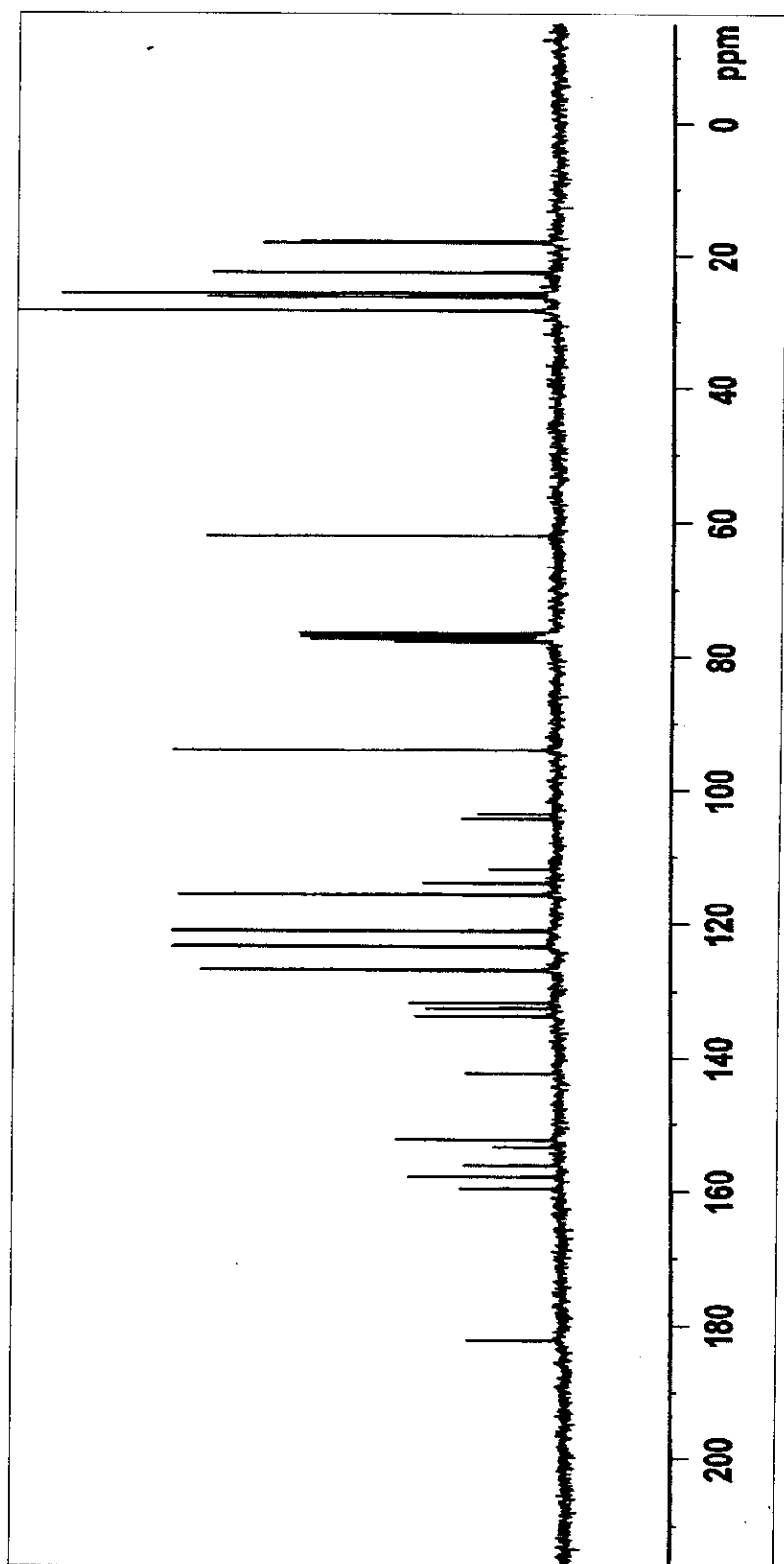


Figure 92 ^{13}C NMR (75 MHz) (CDCl₃) spectrum of compound W10

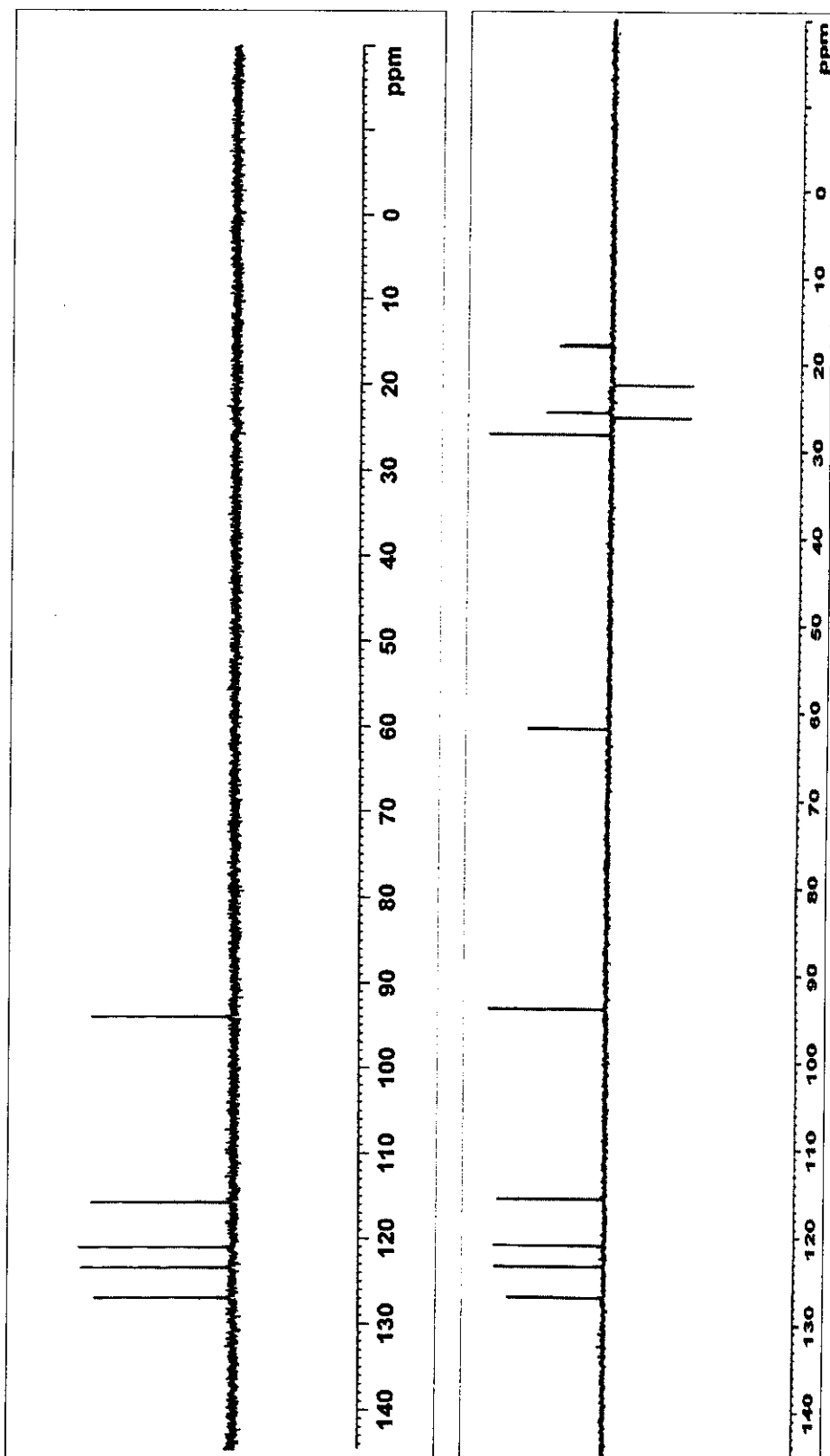


Figure 93 DEPT spectrum of compound W10

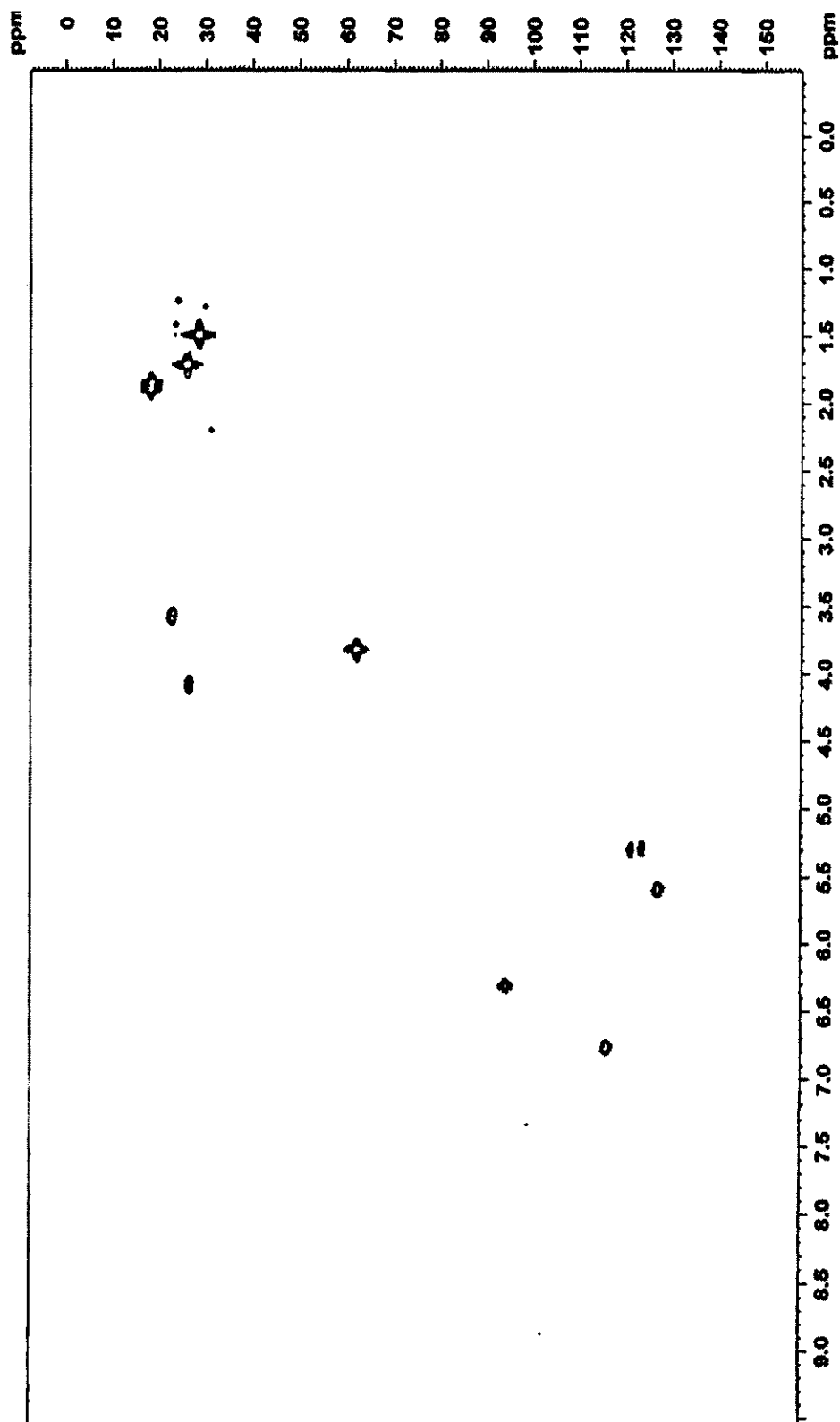


Figure 94 2D HMQC spectrum of compound W10

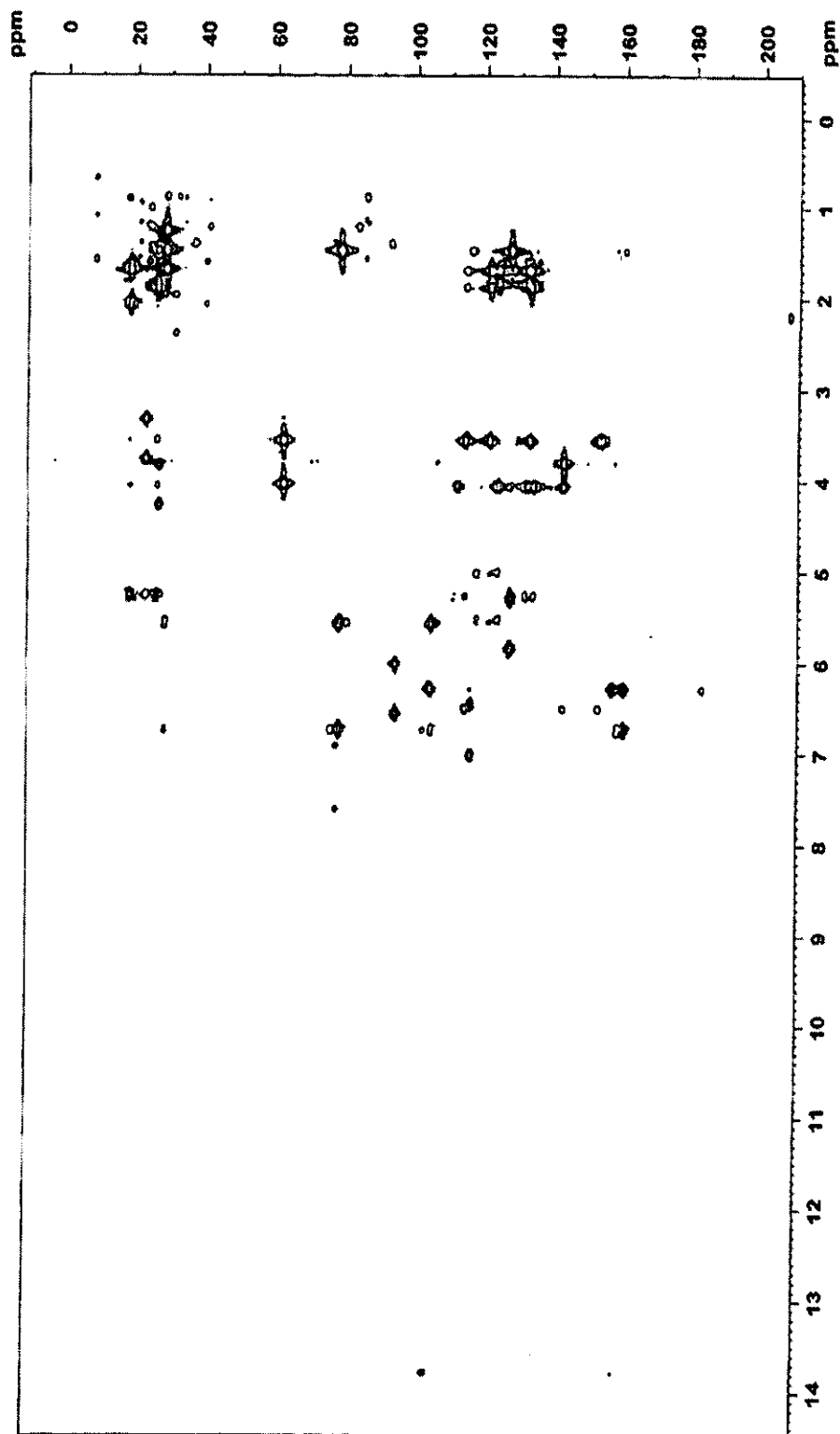


Figure 95 2D HMBC spectrum of compound W10

C:\Vest\Instruments\data\w10n11
LREIMS
W15N11 #21-23 RT: 4.30-4.71 AV: 3 NL: 1.08E7
T: + e EI Full ms [49.50-500.50]

03/09/2004 02:12:26 PM

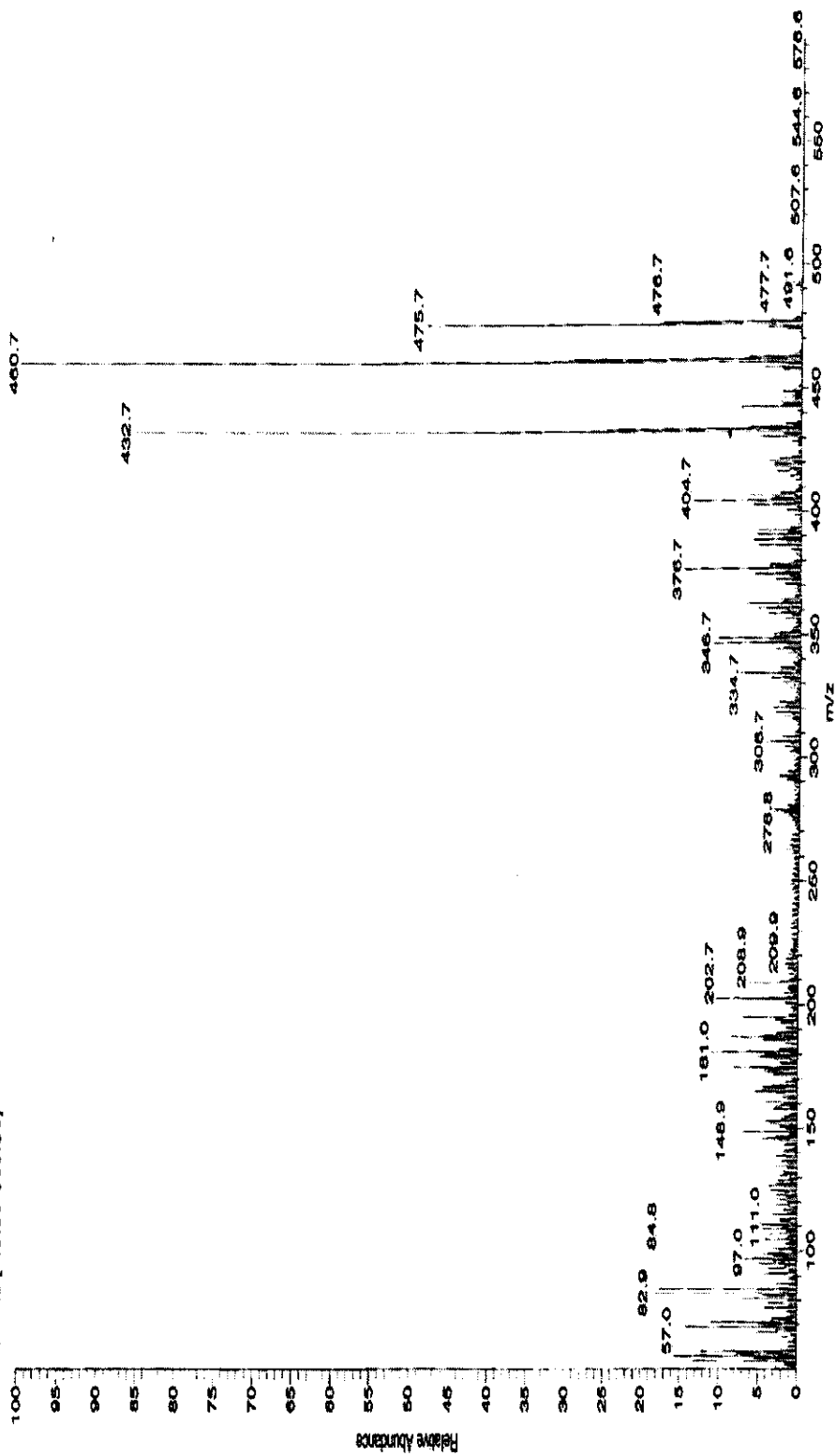


Figure 96 Mass spectrum of compound W10

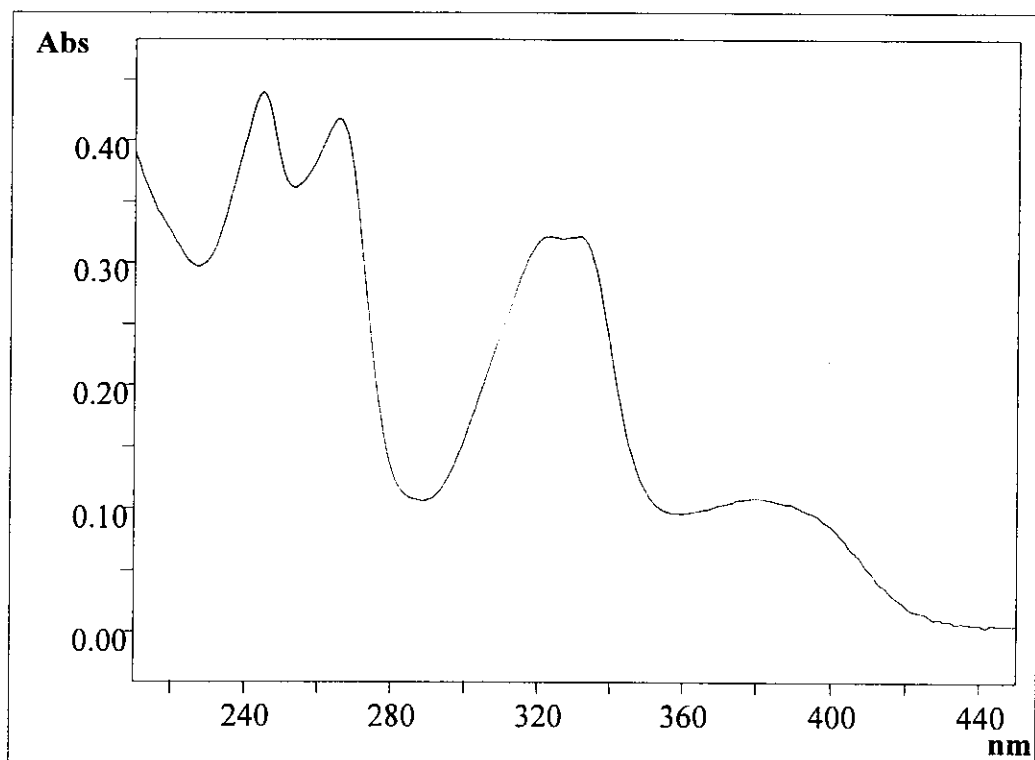


Figure 97 UV (MeOH) spectrum of compound W11

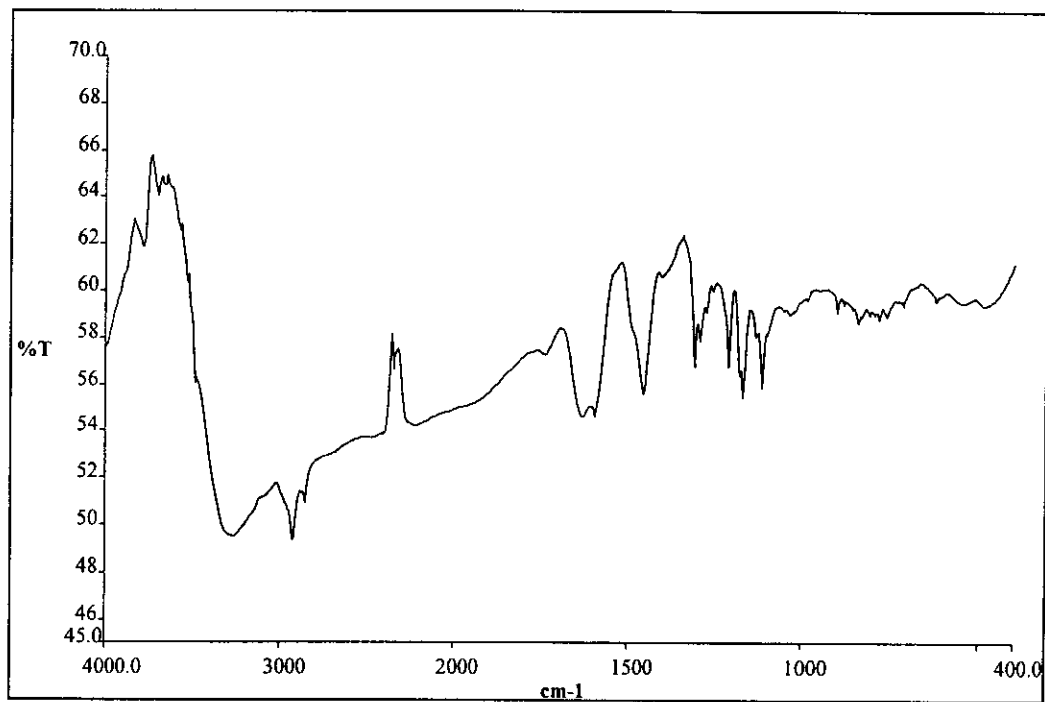


Figure 98 FT-IR (KBr) spectrum of compound W11

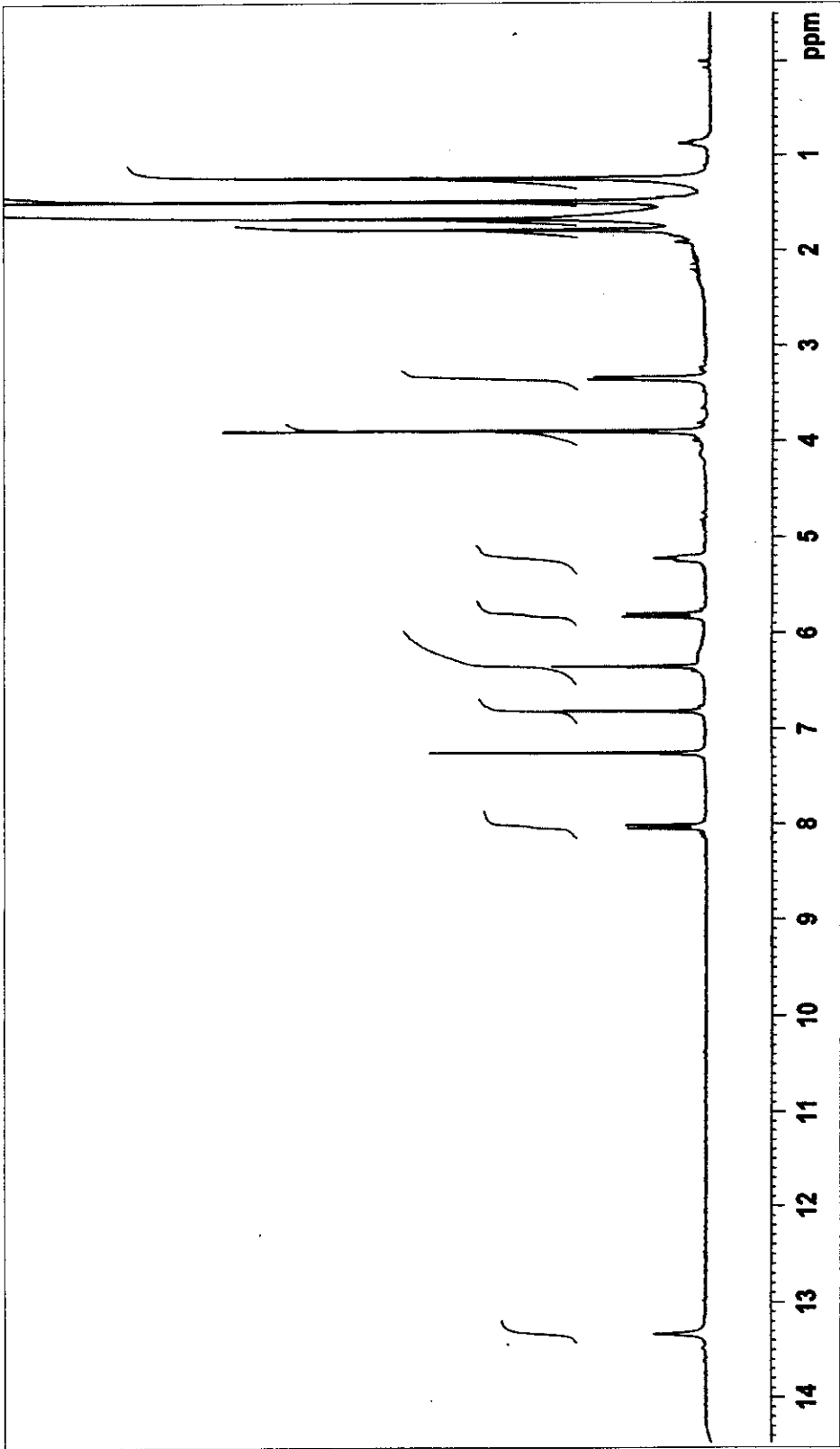


Figure 99 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W11

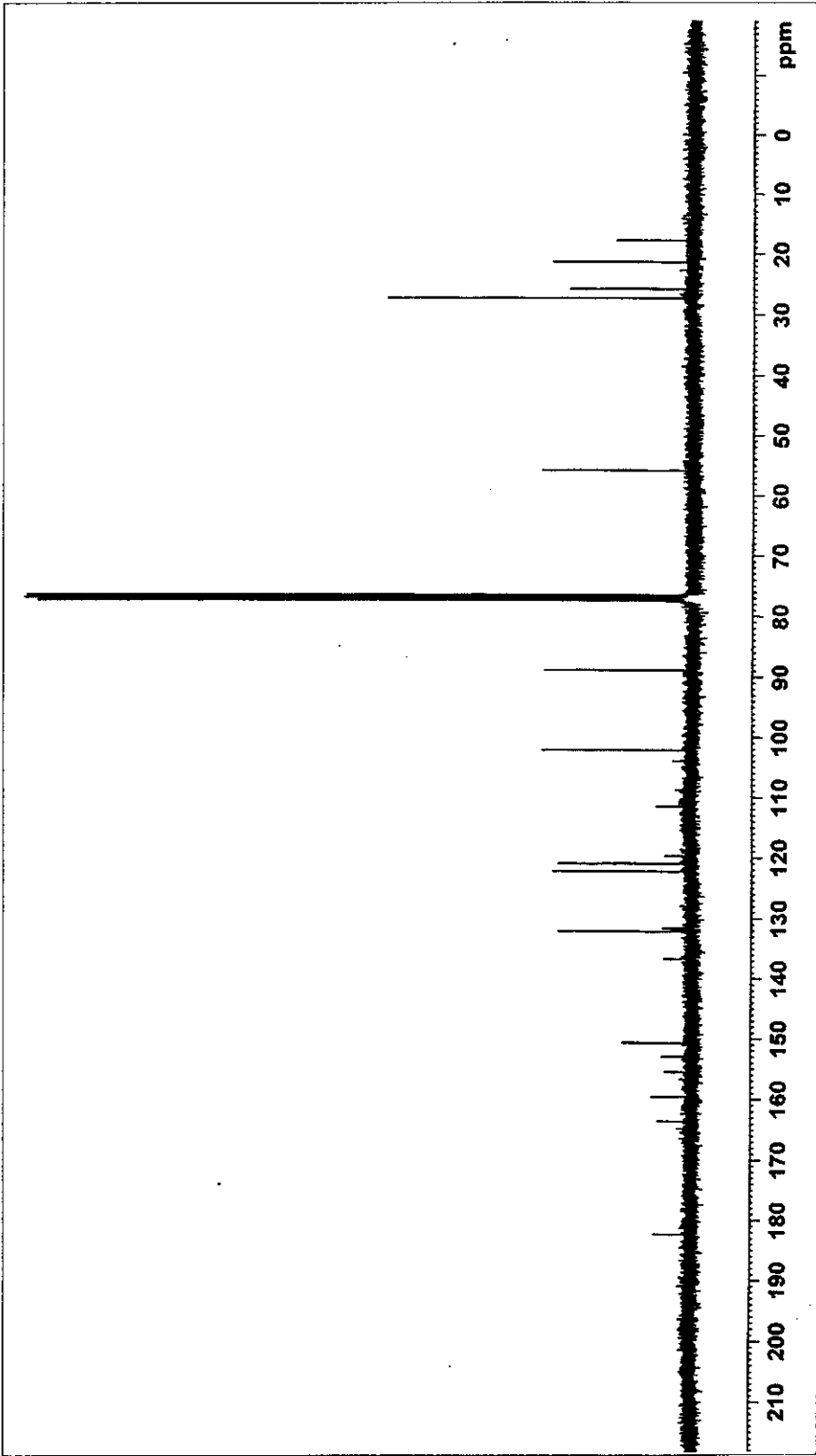


Figure 100 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W11

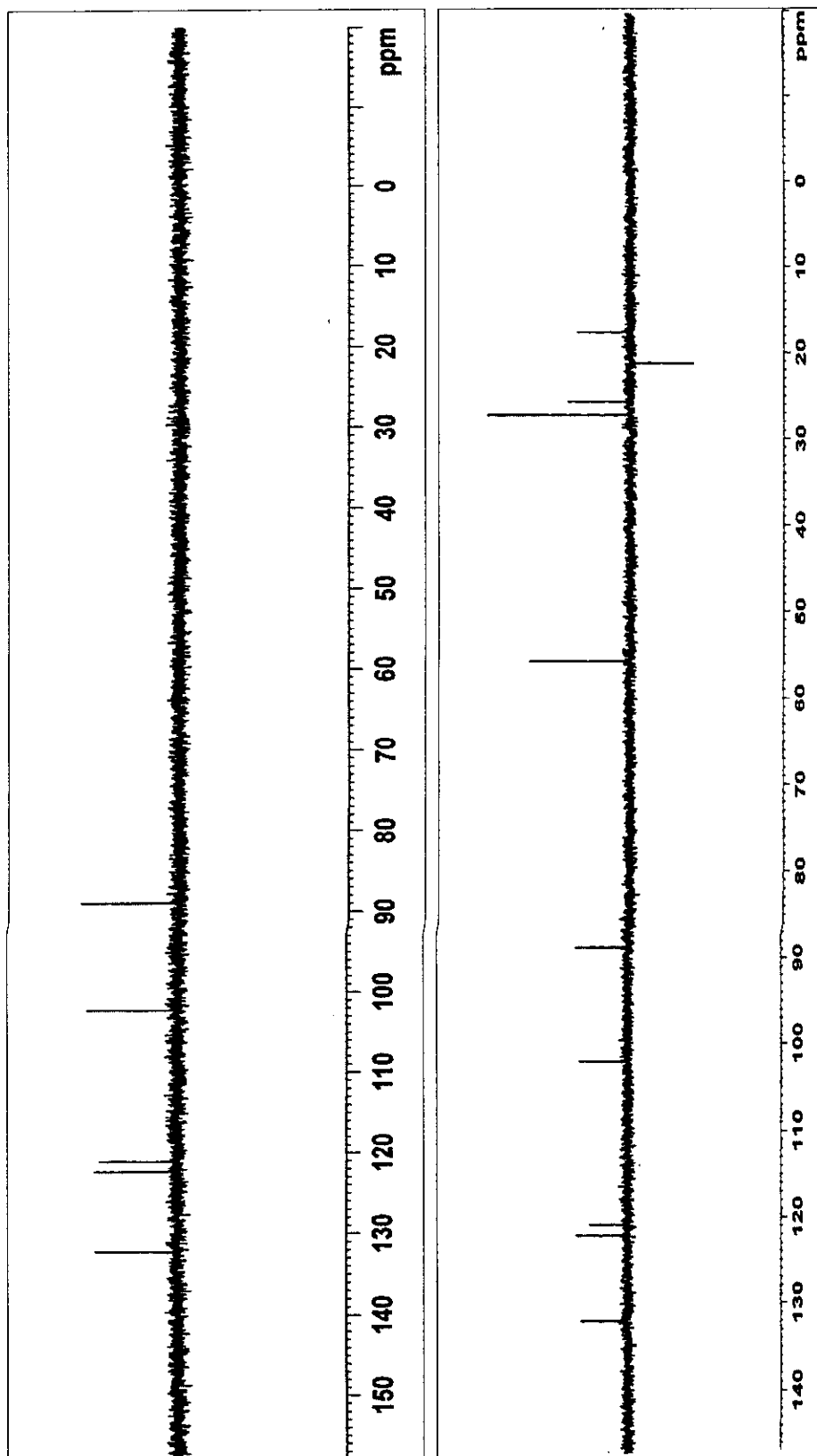


Figure 101 DEPT spectrum of compound W11

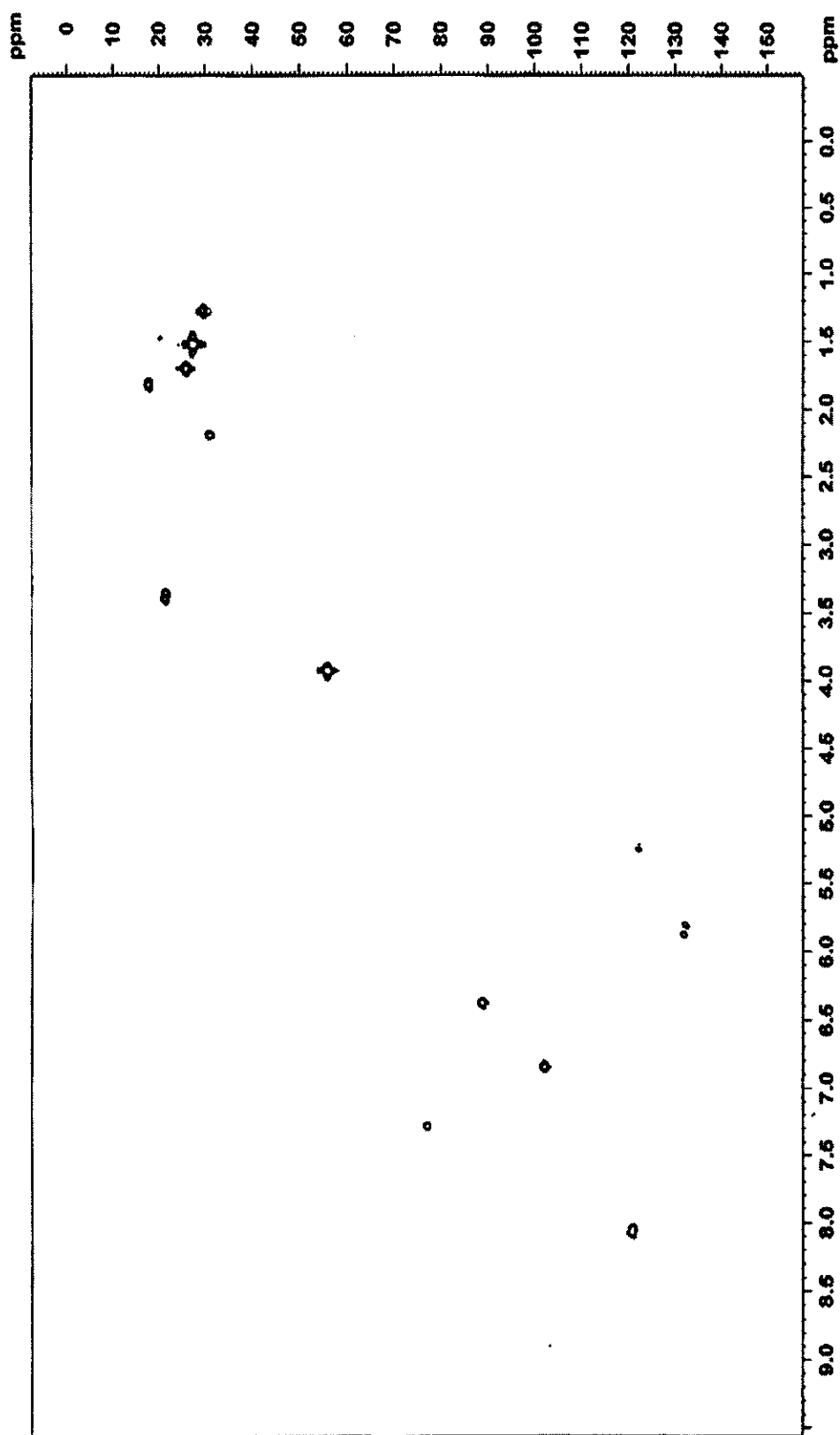


Figure 102 2D HMQC spectrum of compound W11

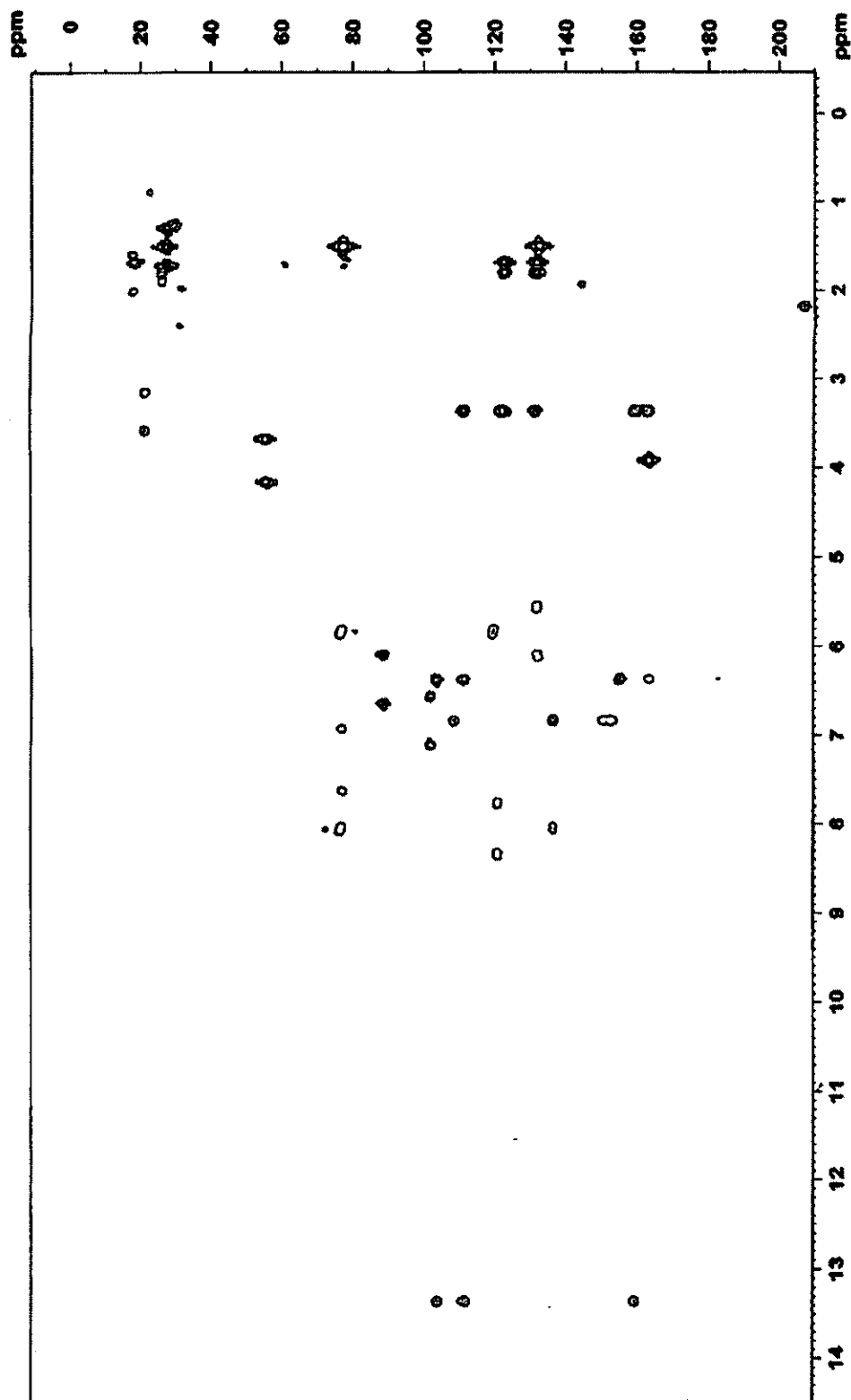


Figure 103 2D HMBC spectrum of compound W11

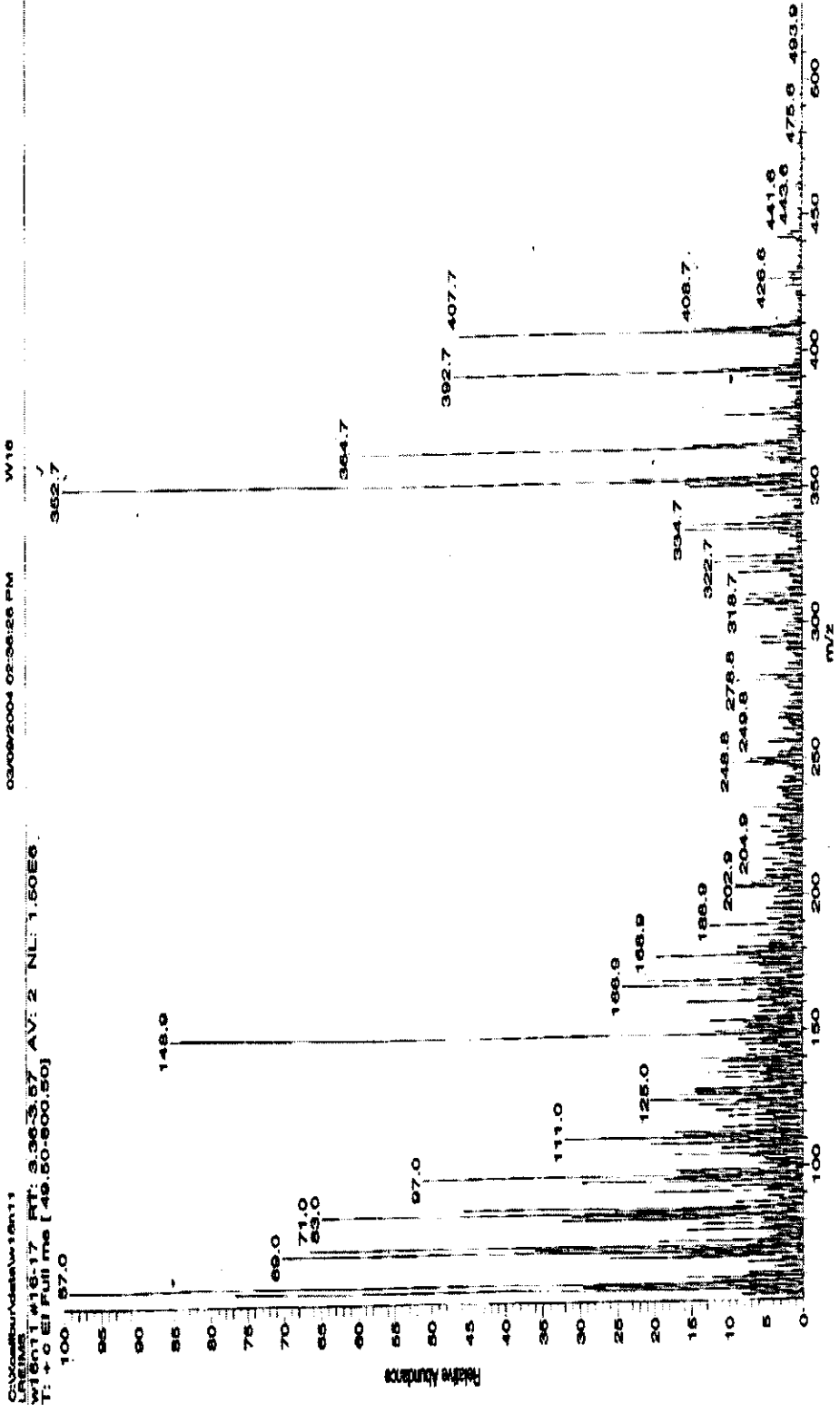


Figure 104 Mass spectrum of compound W11

C:\Xmass\bin\data\w110111
LREIMS
W1101116-17 RT: 8.363.67 AV: 2 NL: 1.50E6
T: +0 EI Full ms [49.50-600.50]

03/09/2004 02:36:26 PM W116

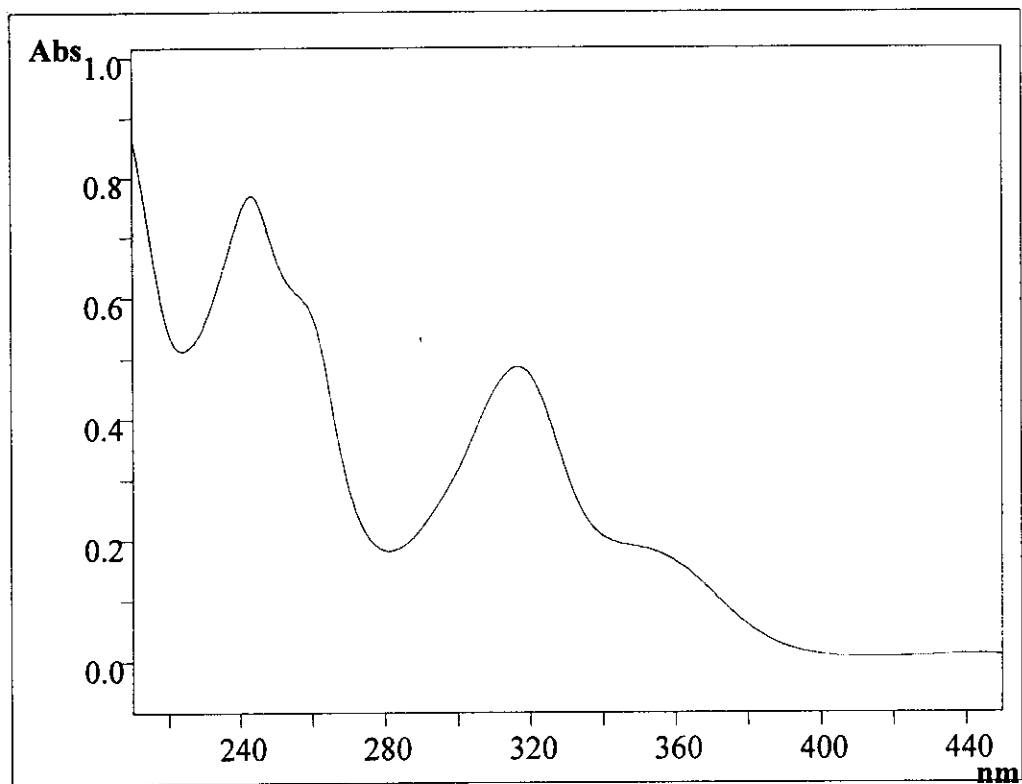


Figure 105 UV (MeOH) spectrum of compound W12

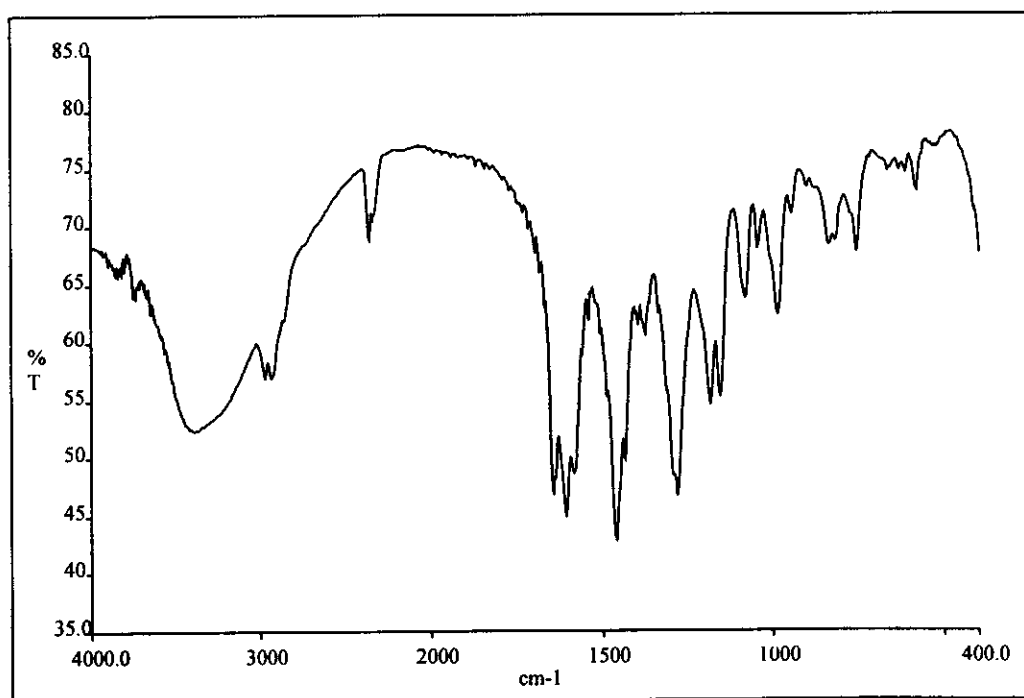


Figure 106 FT-IR (KBr) spectrum of compound W12

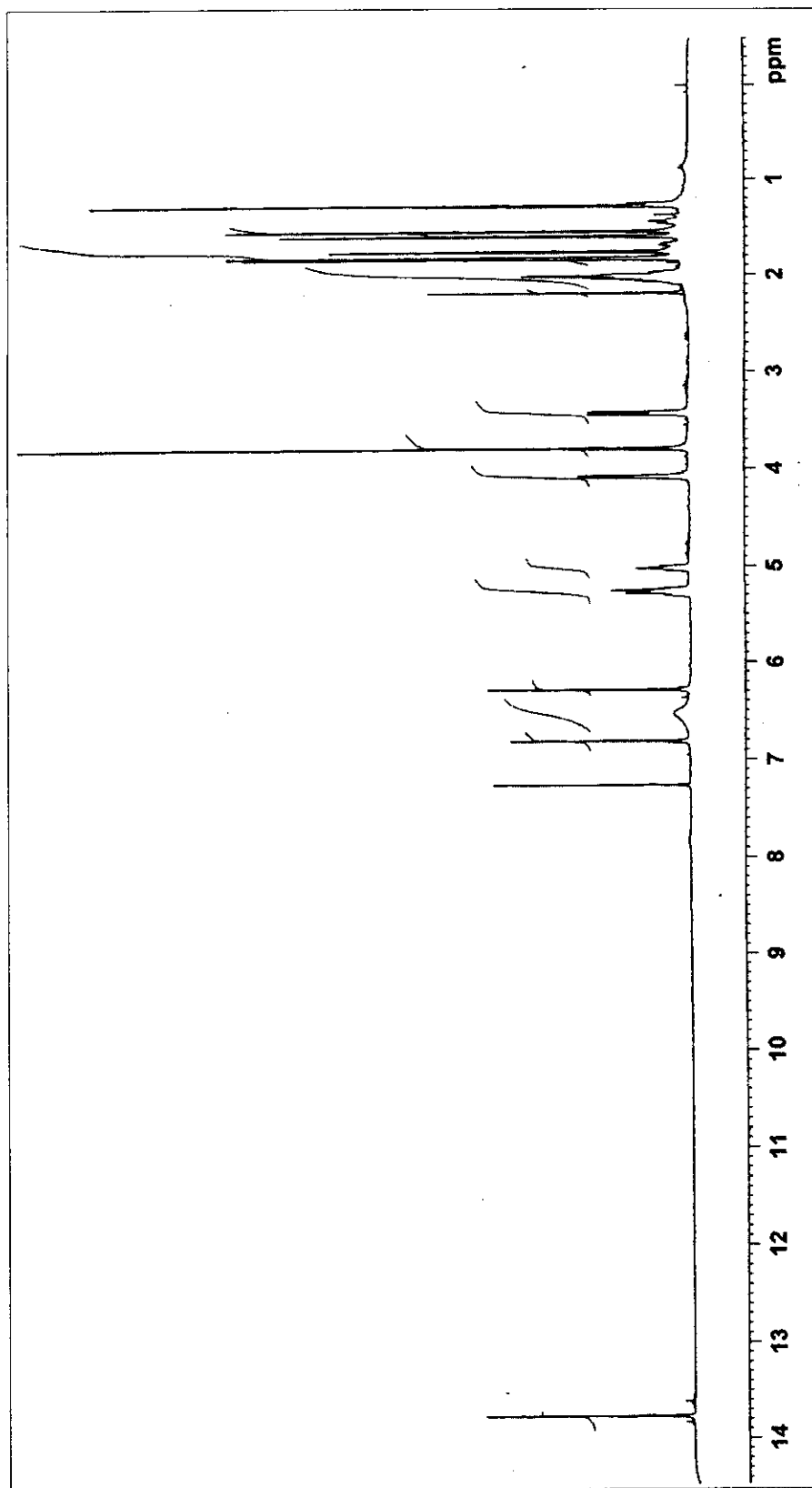


Figure 107 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W12

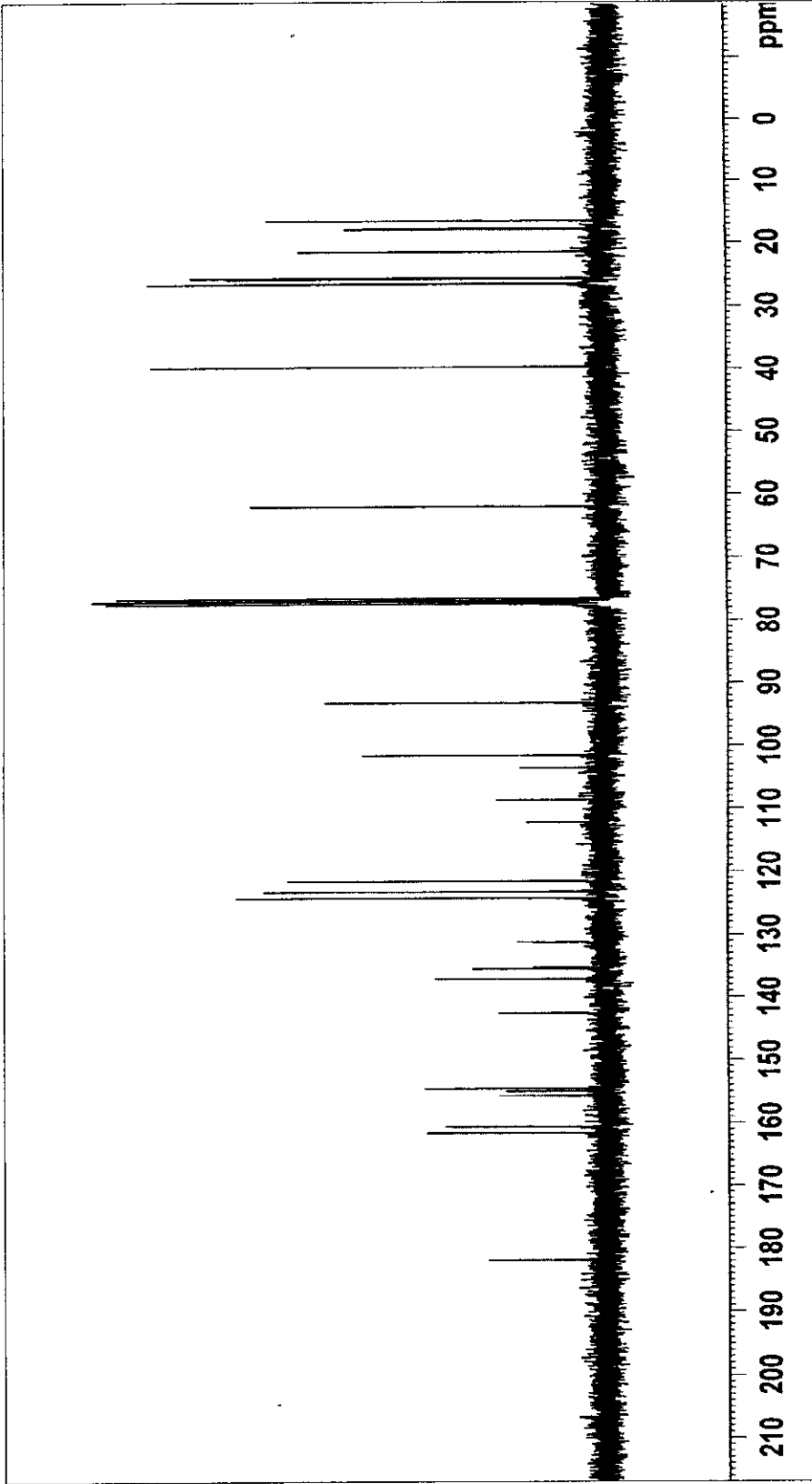


Figure 108 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W12

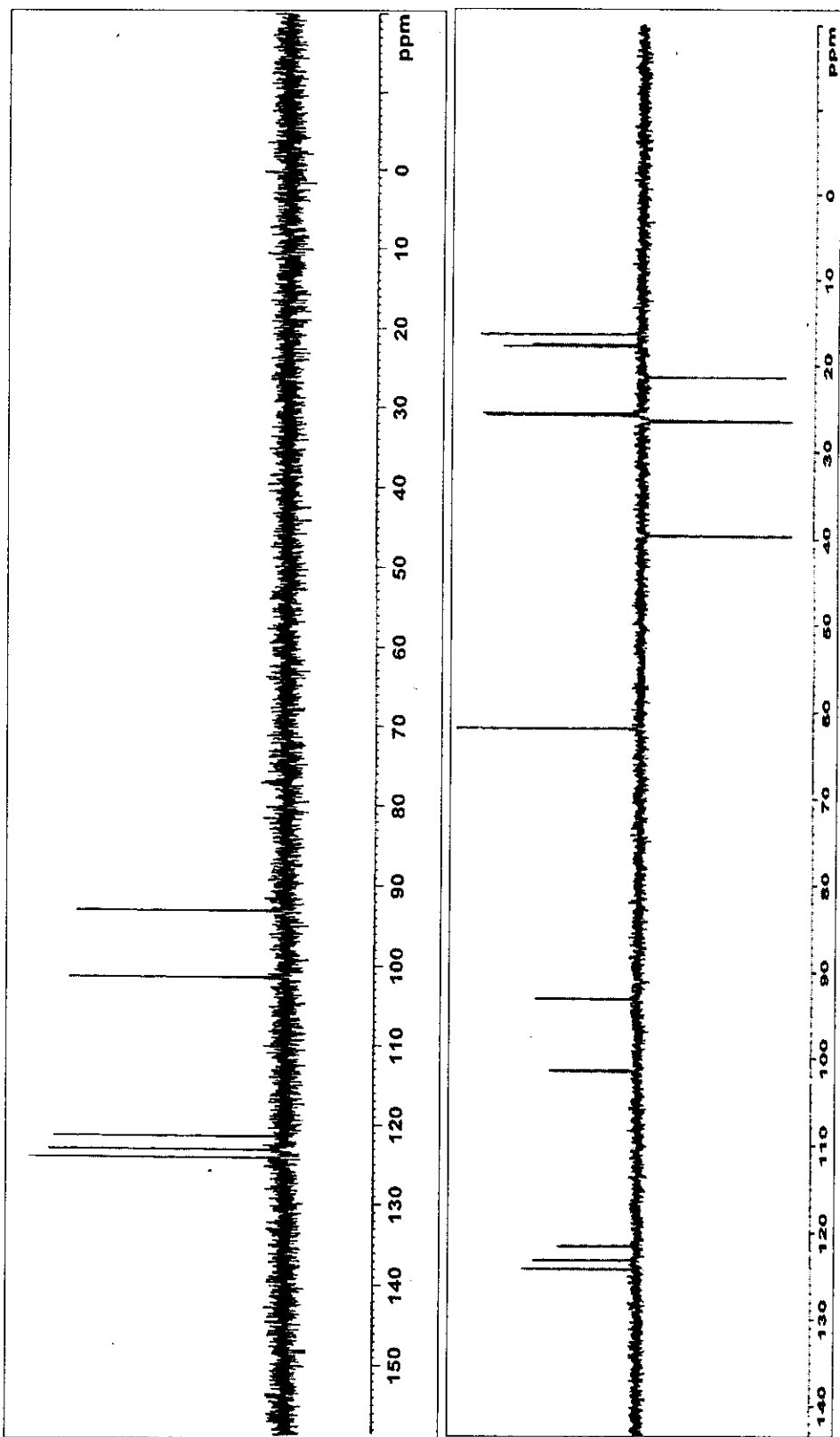


Figure 109 DEPT spectrum of compound W12

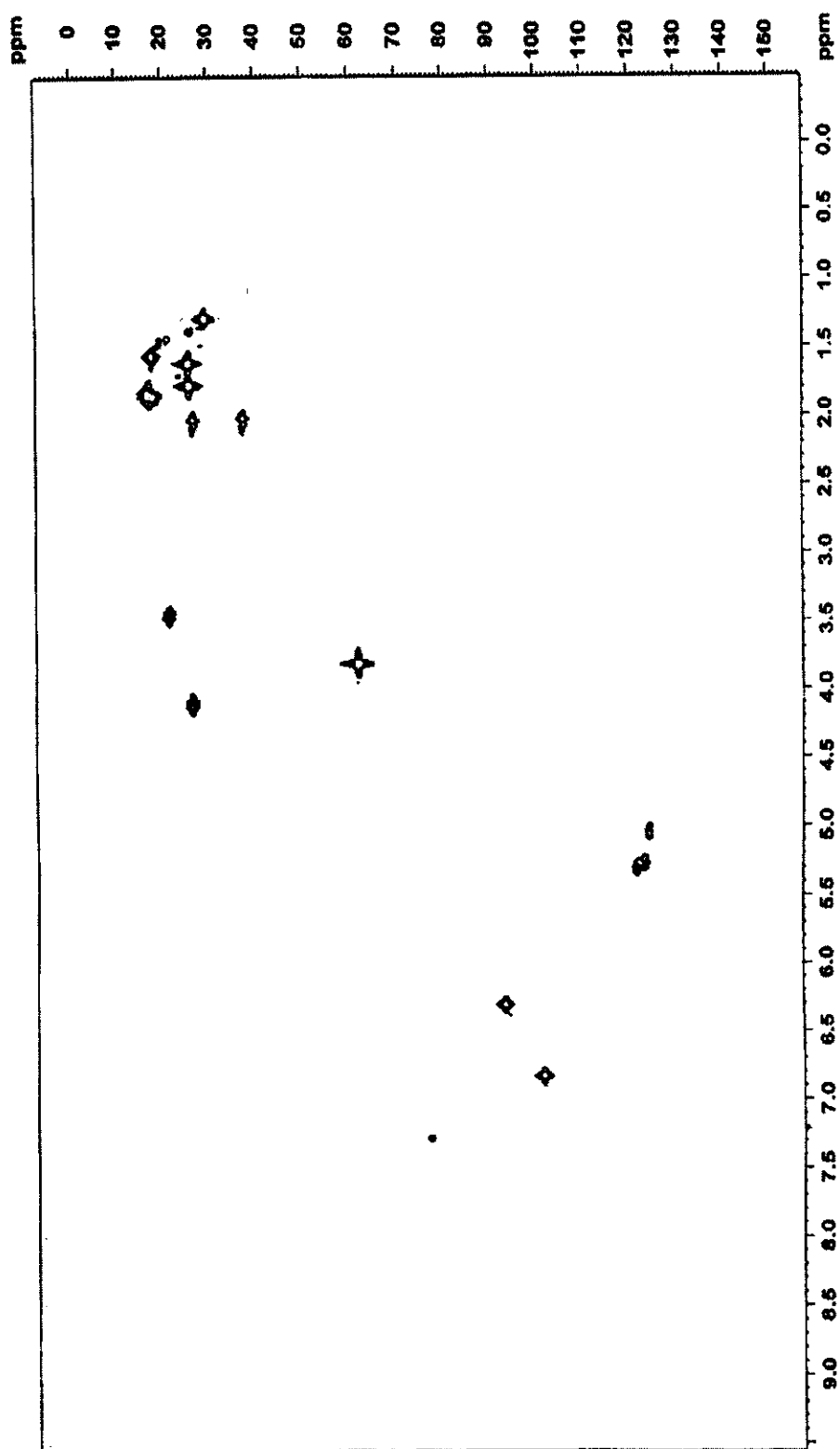


Figure 110 2D HMQC spectrum of compound W12

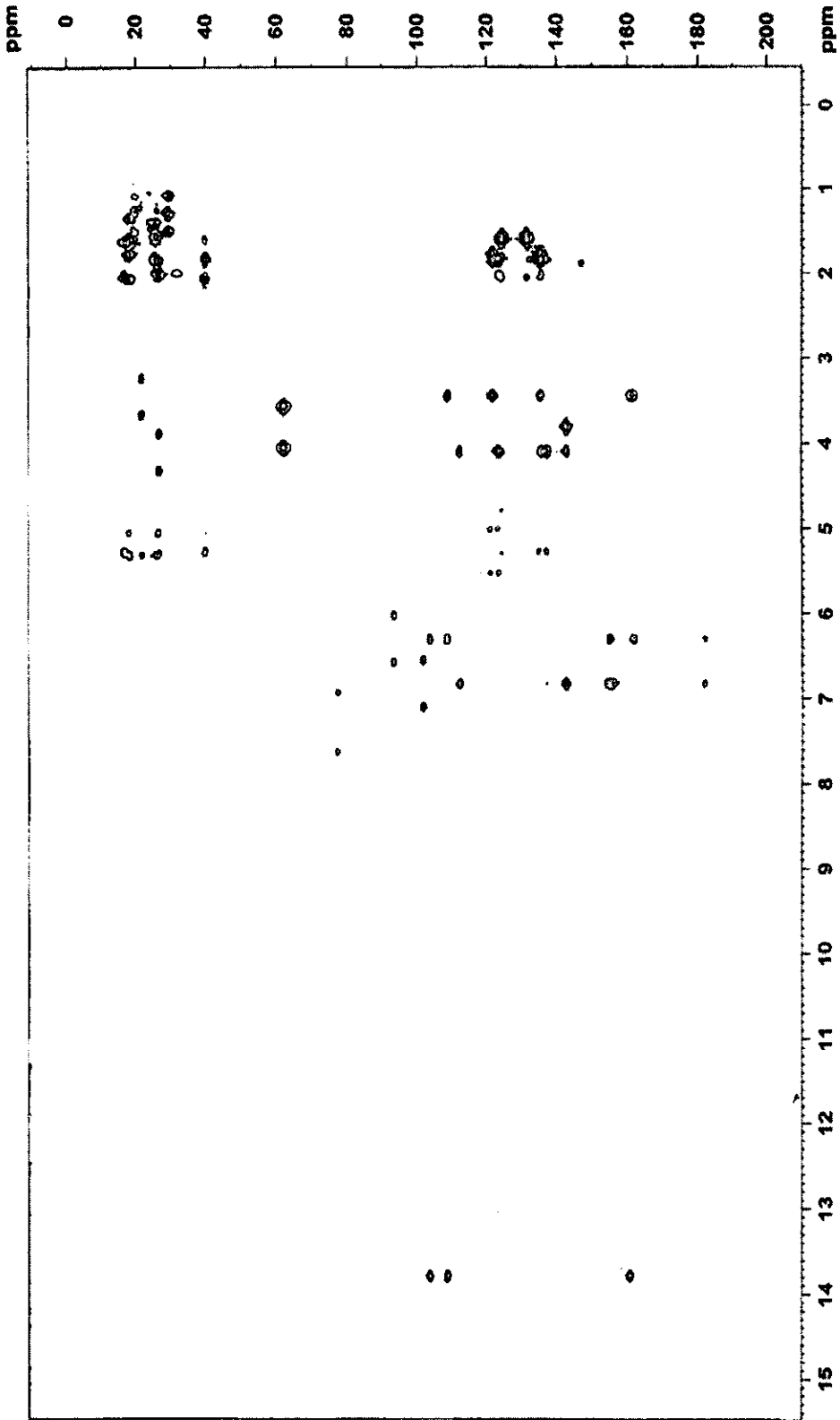


Figure 111 2D HMBC spectrum of compound W12

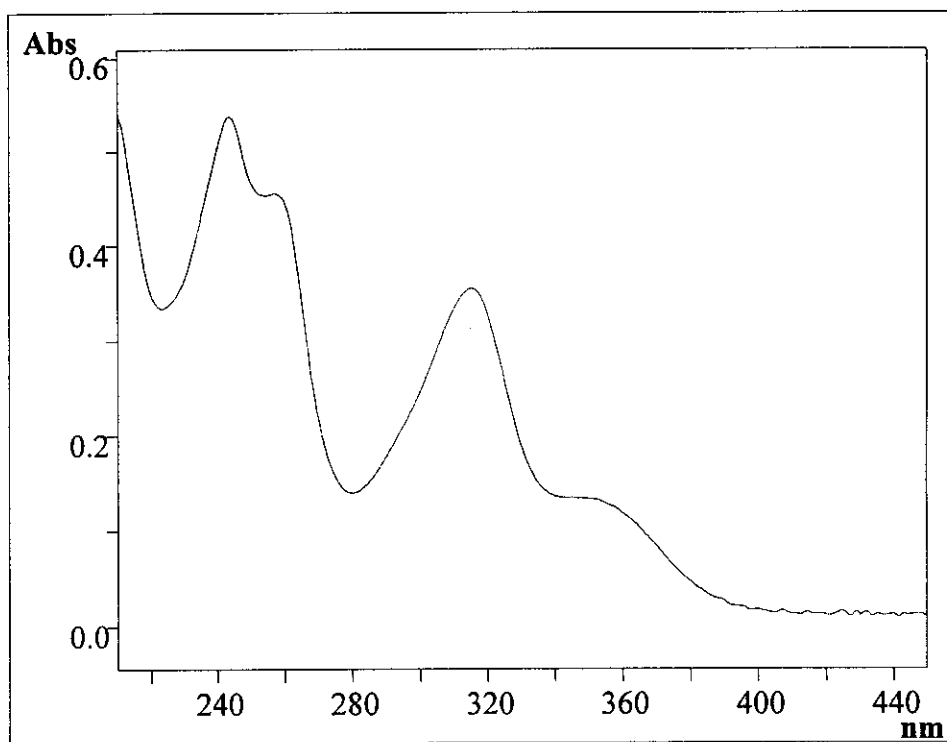


Figure 112 UV (MeOH) spectrum of compound W13

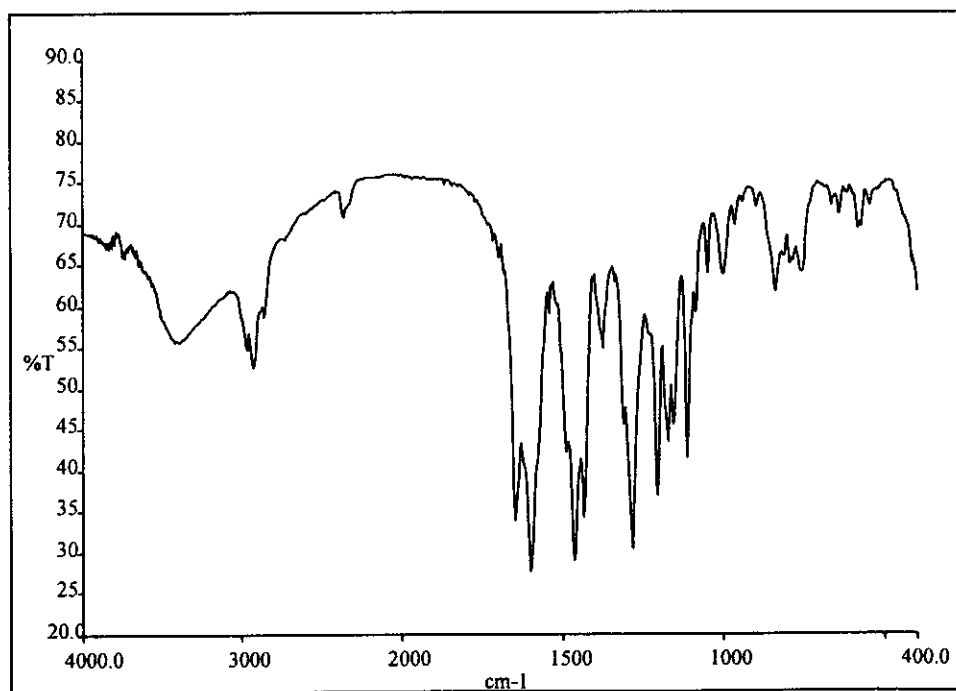


Figure 113 FT-IR (KBr) spectrum of compound W13

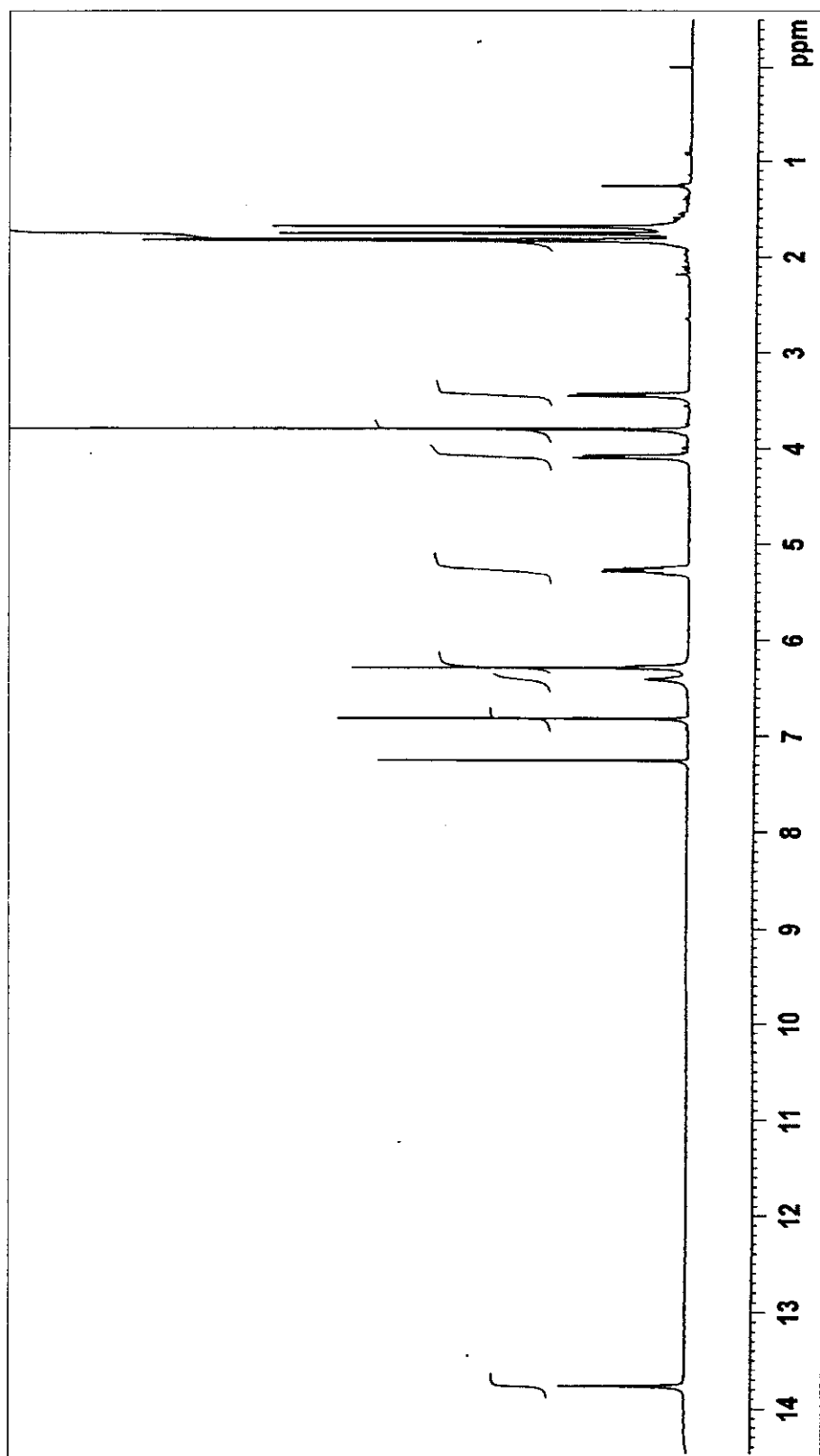


Figure 114 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W13

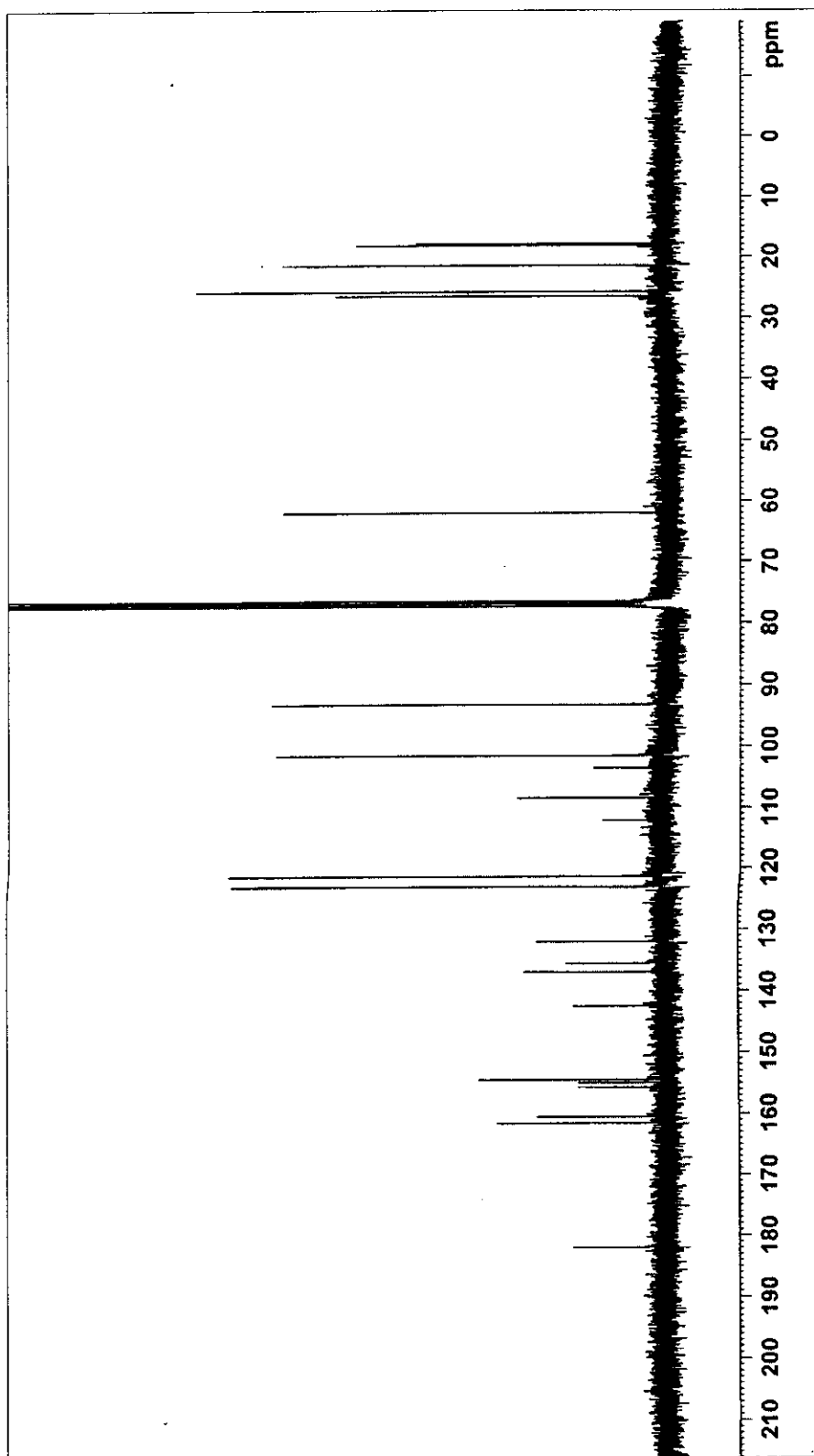


Figure 115 ^{13}C NMR (75 MHz) (CDCl_3) spectrum of compound W13

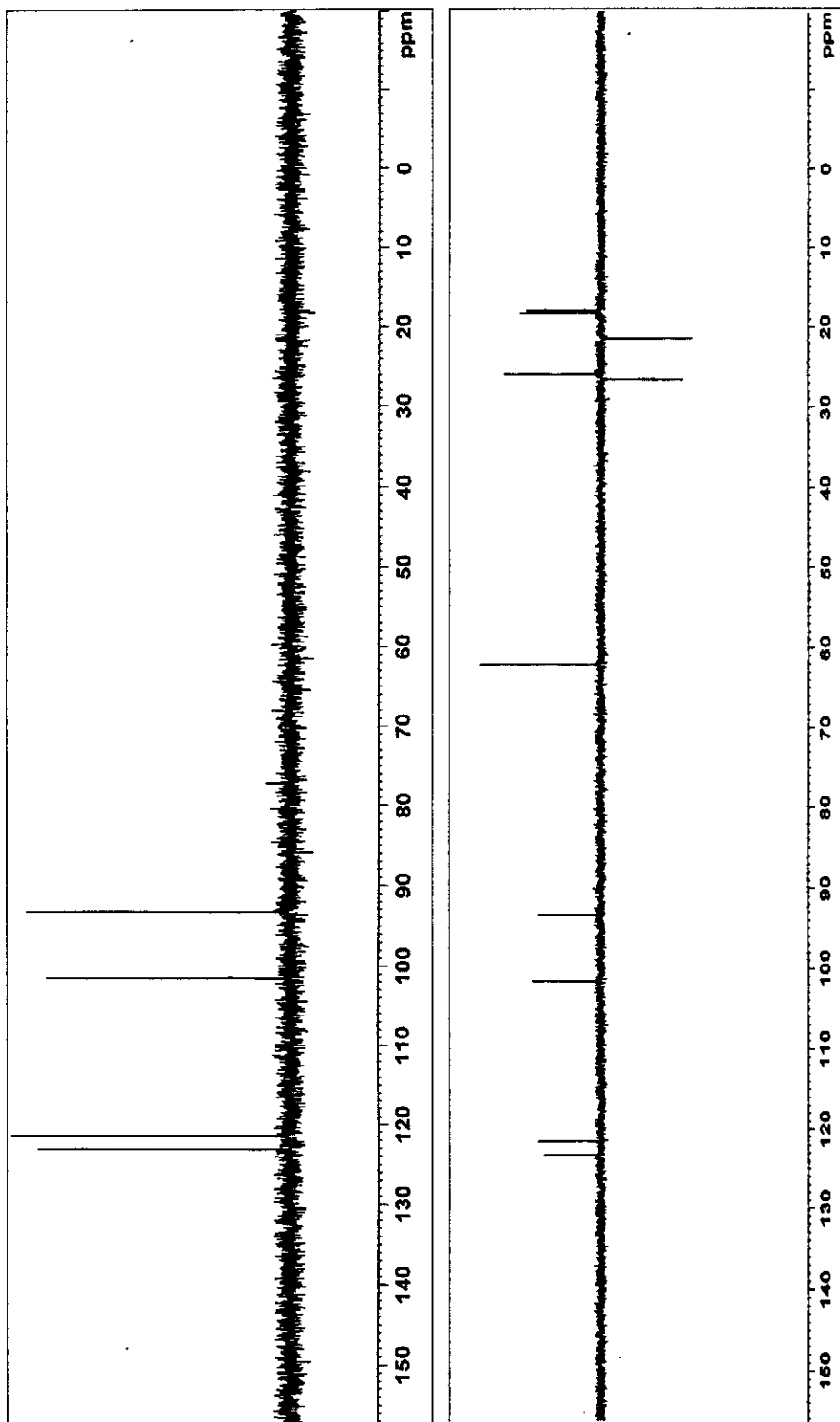


Figure 116 DEPT spectrum of compound W13

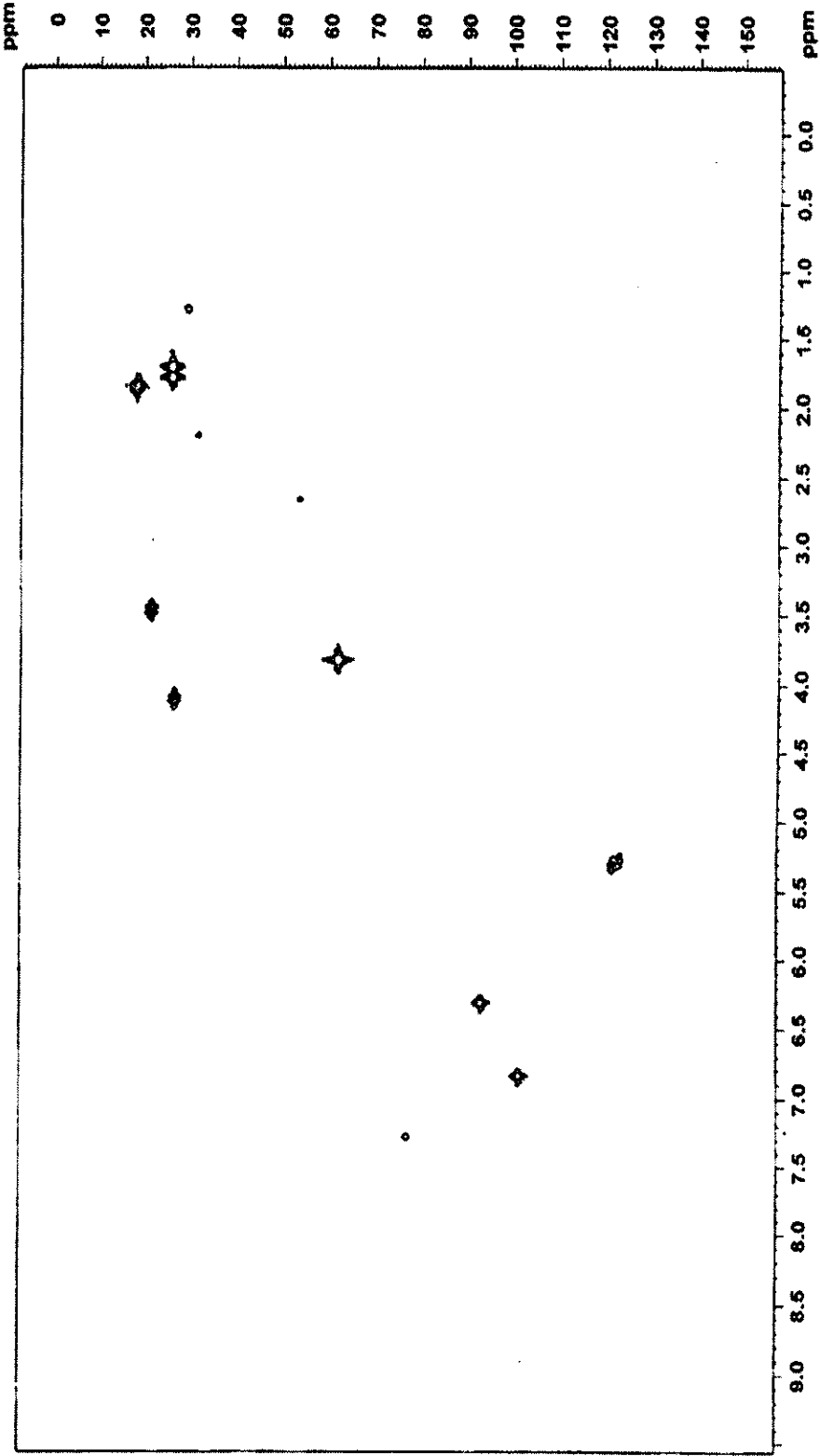


Figure 117 2D HMQC spectrum of compound W13

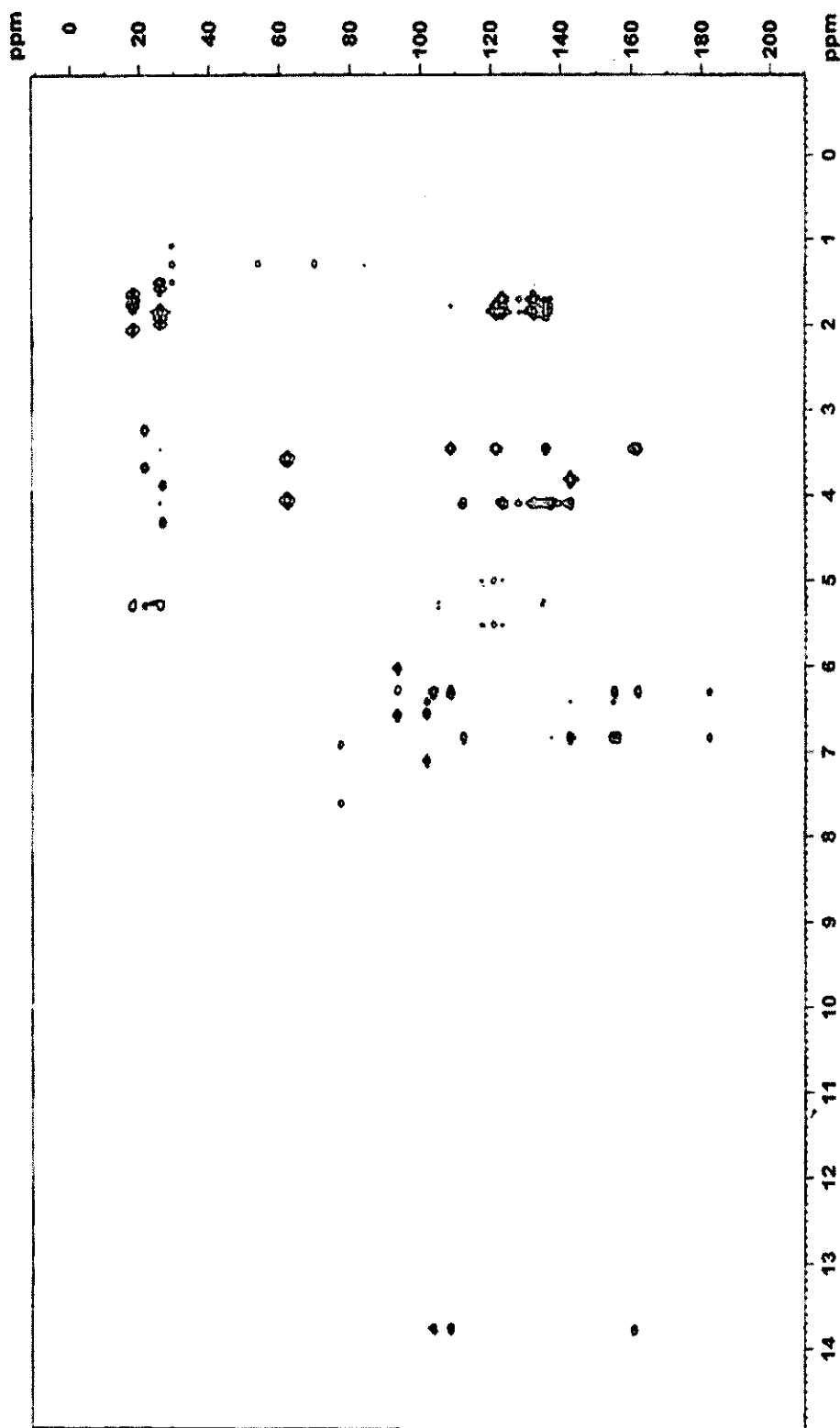


Figure 118 2D HMBC spectrum of compound W13

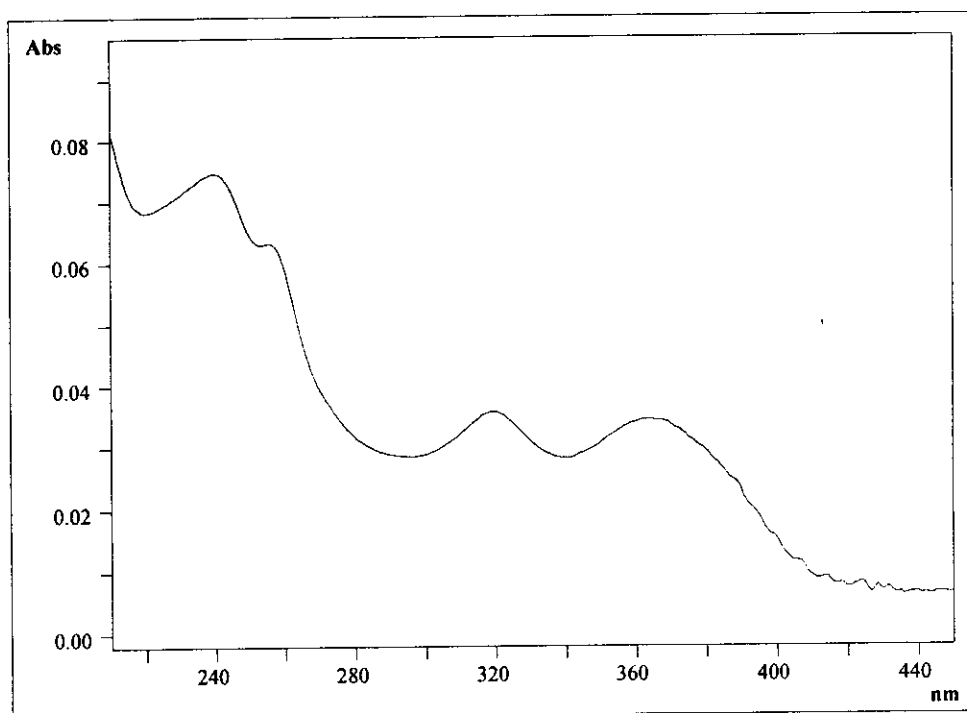


Figure 119 UV (MeOH) spectrum of compound W14

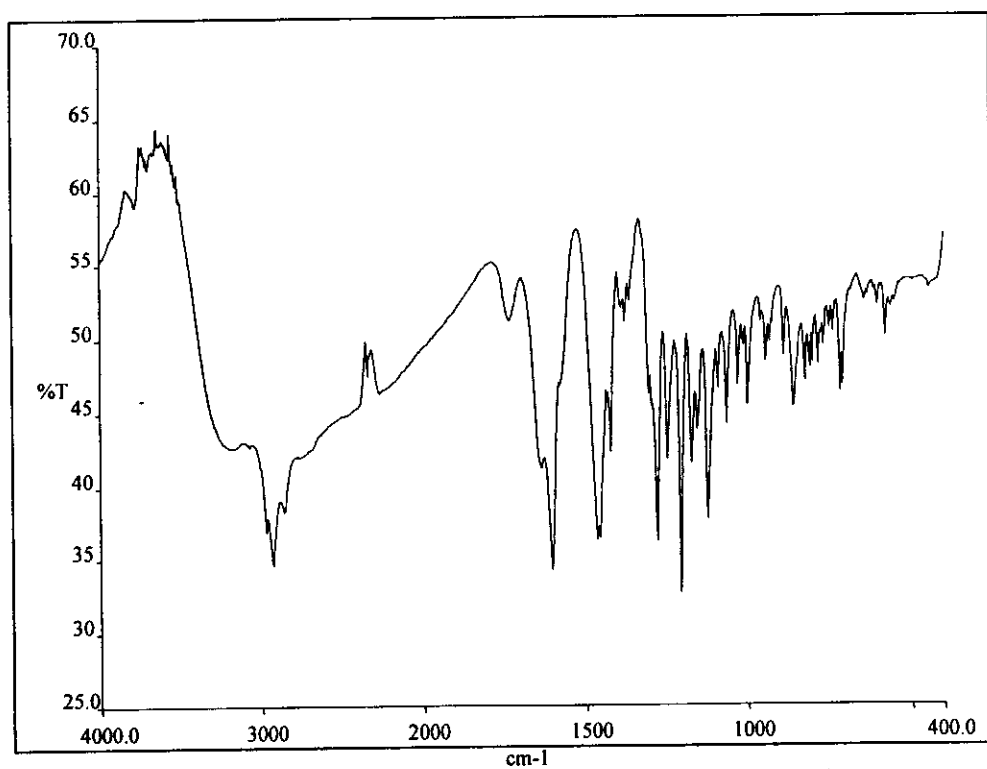


Figure 120 FT-IR (neat) spectrum of compound W14

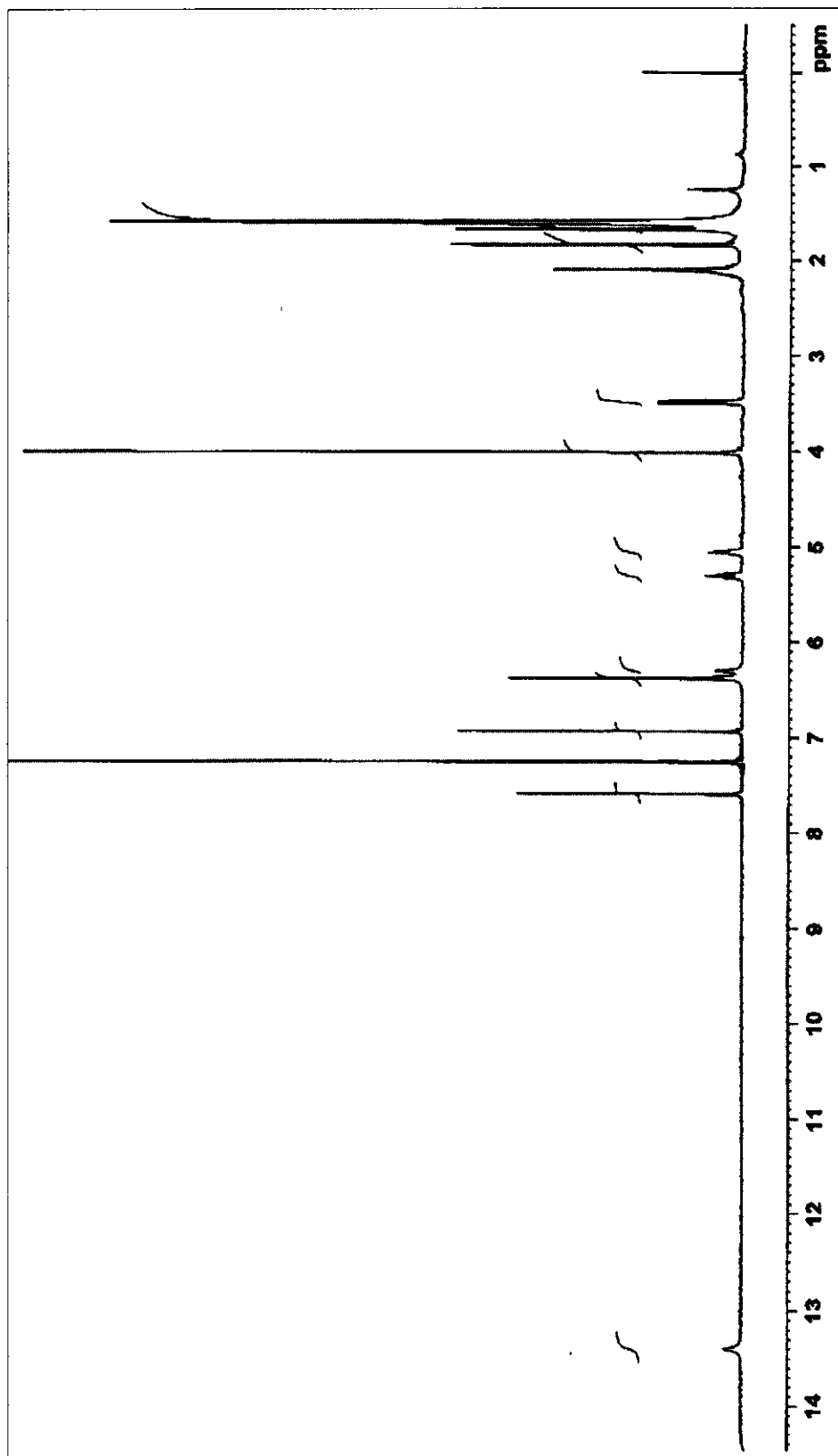


Figure 121 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W14

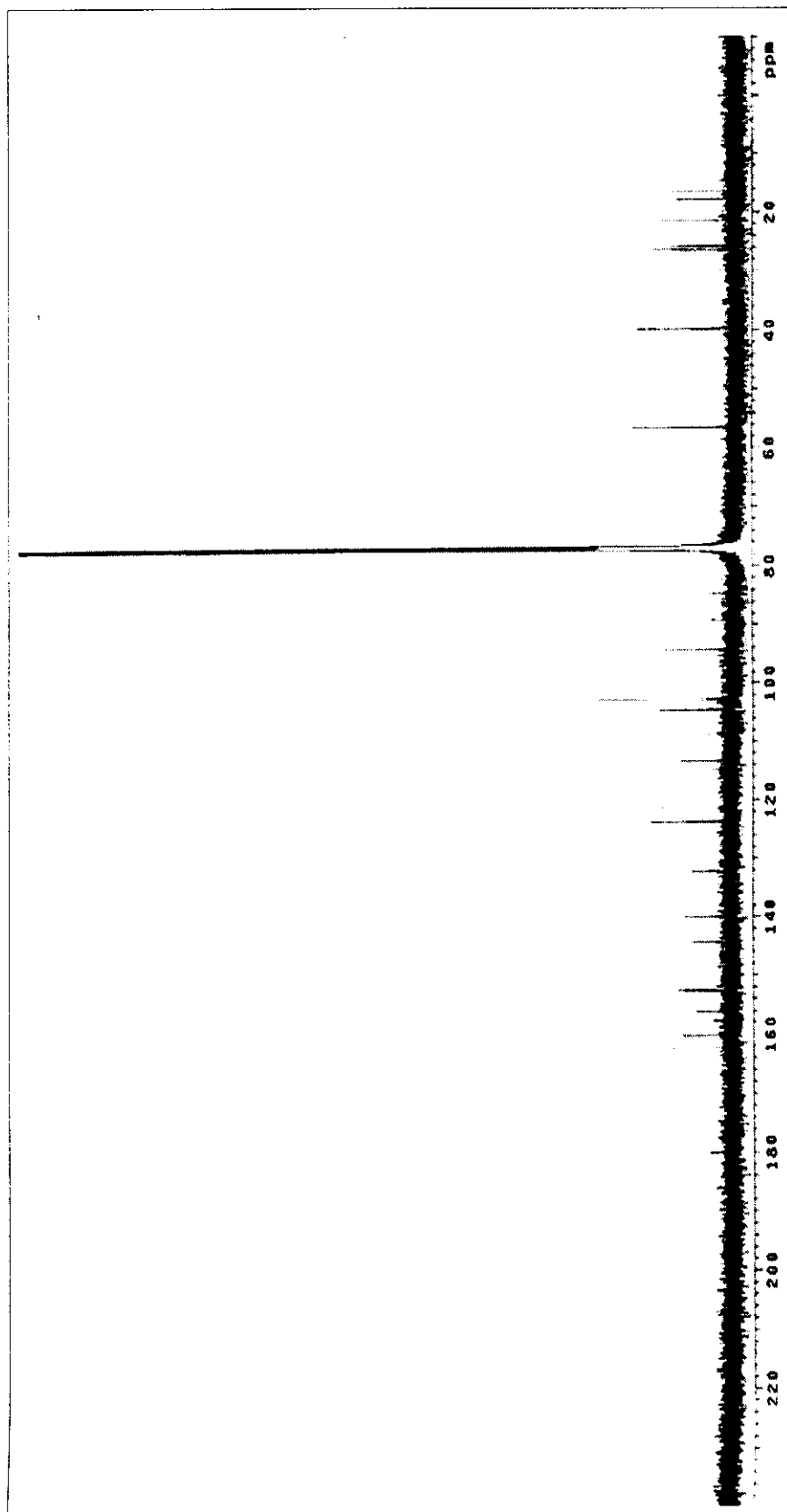


Figure 122 ^{13}C NMR (125 MHz) (CDCl_3) spectrum of compound W14

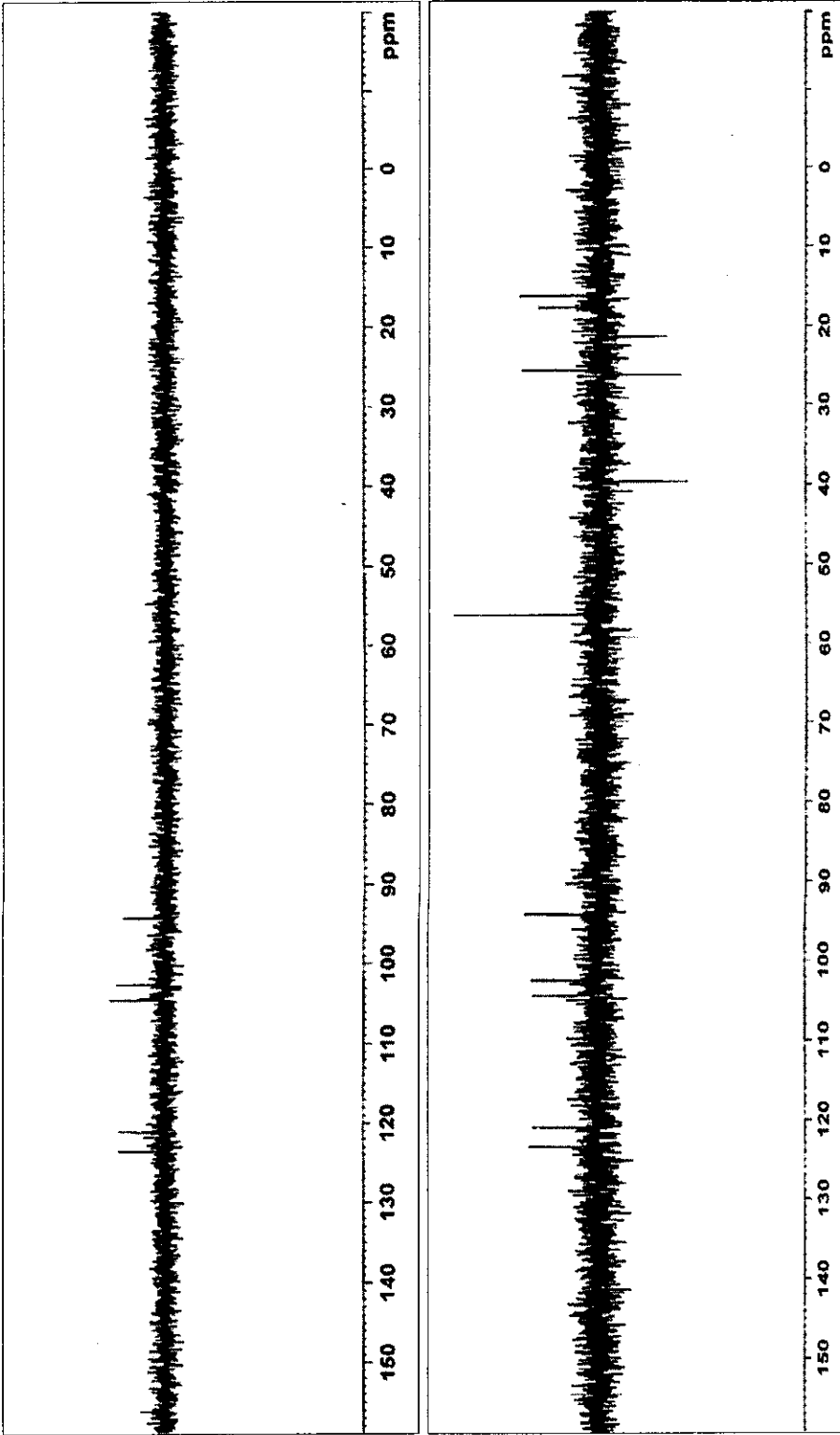


Figure 123 DEPT spectrum of compound W14

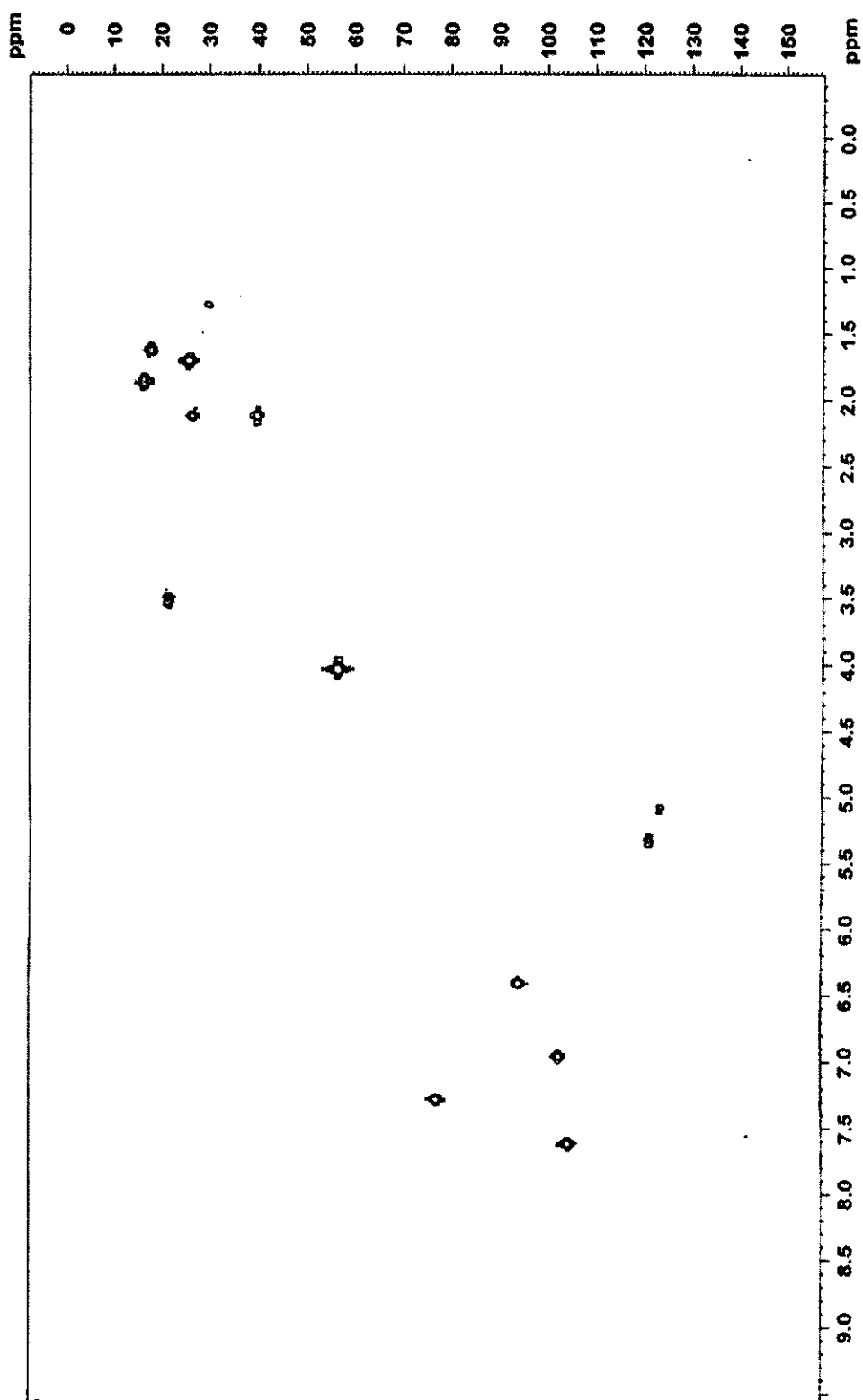


Figure 124 2D HMQC spectrum of compound W14

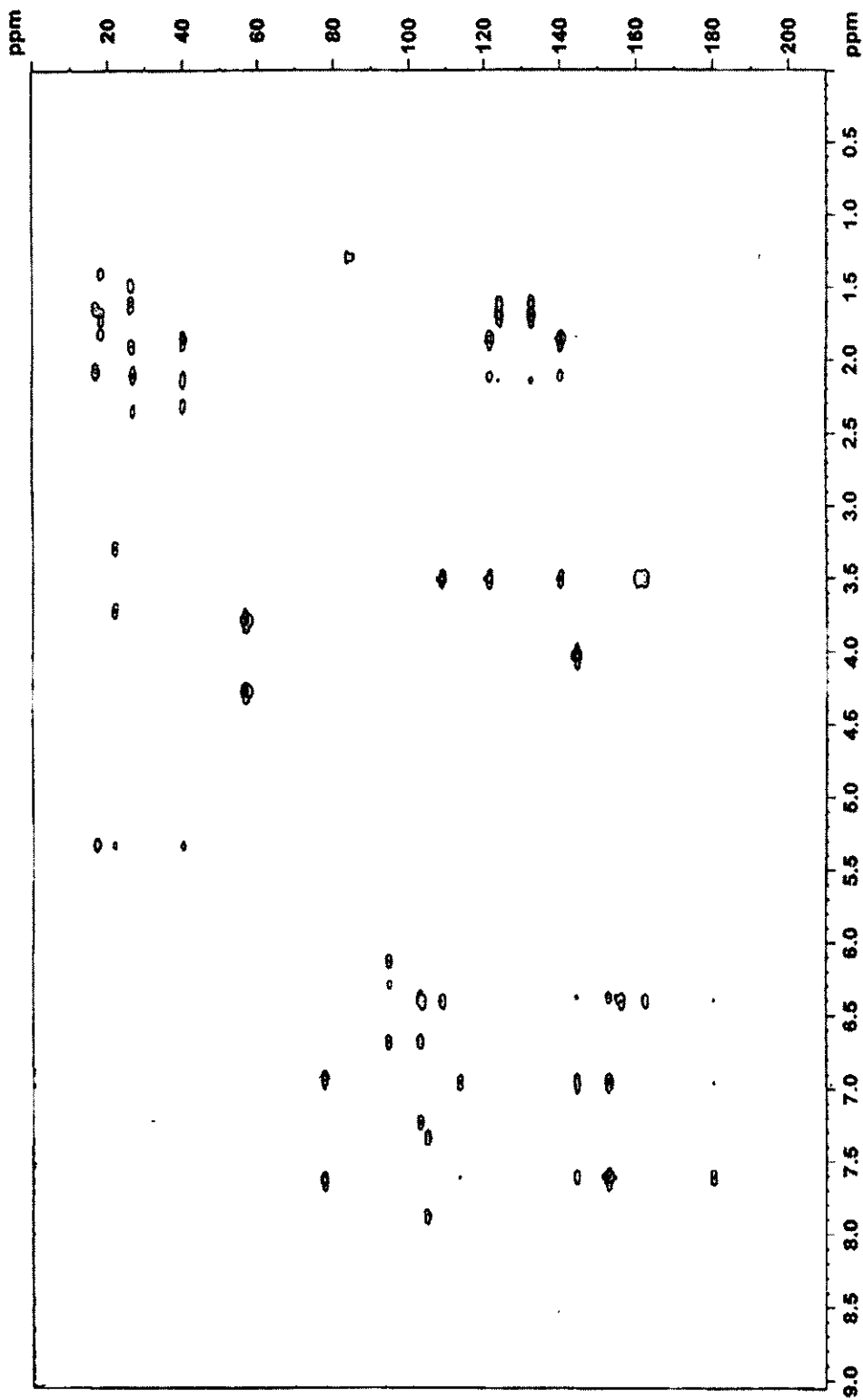


Figure 125 2D HMBC spectrum of compound W14

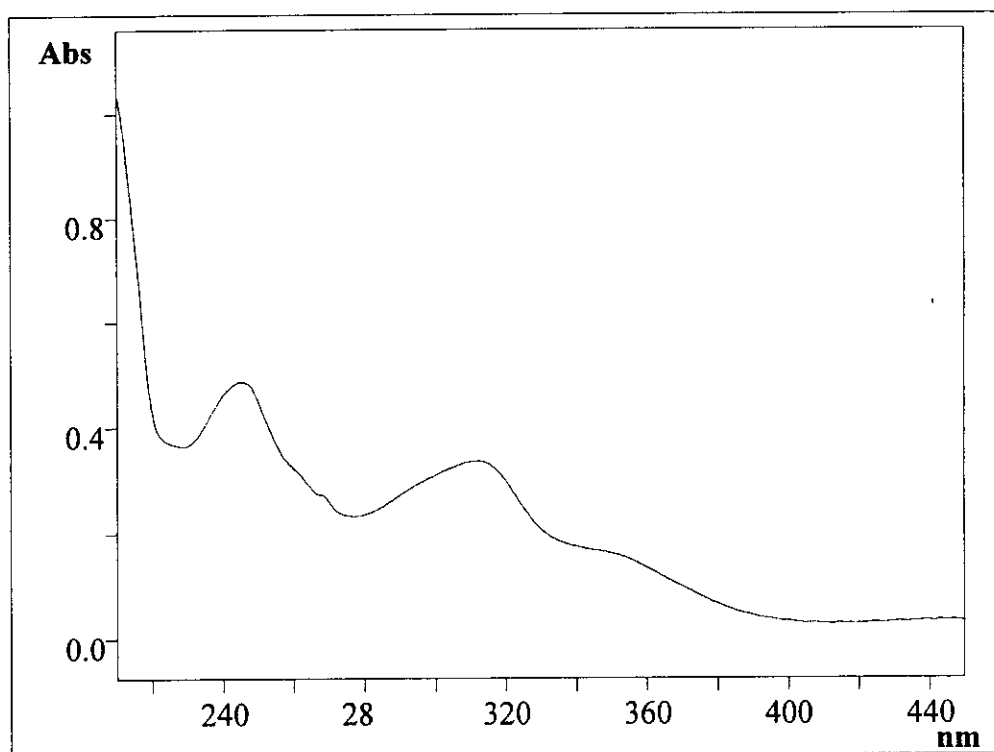


Figure 126 UV (MeOH) spectrum of compound W15

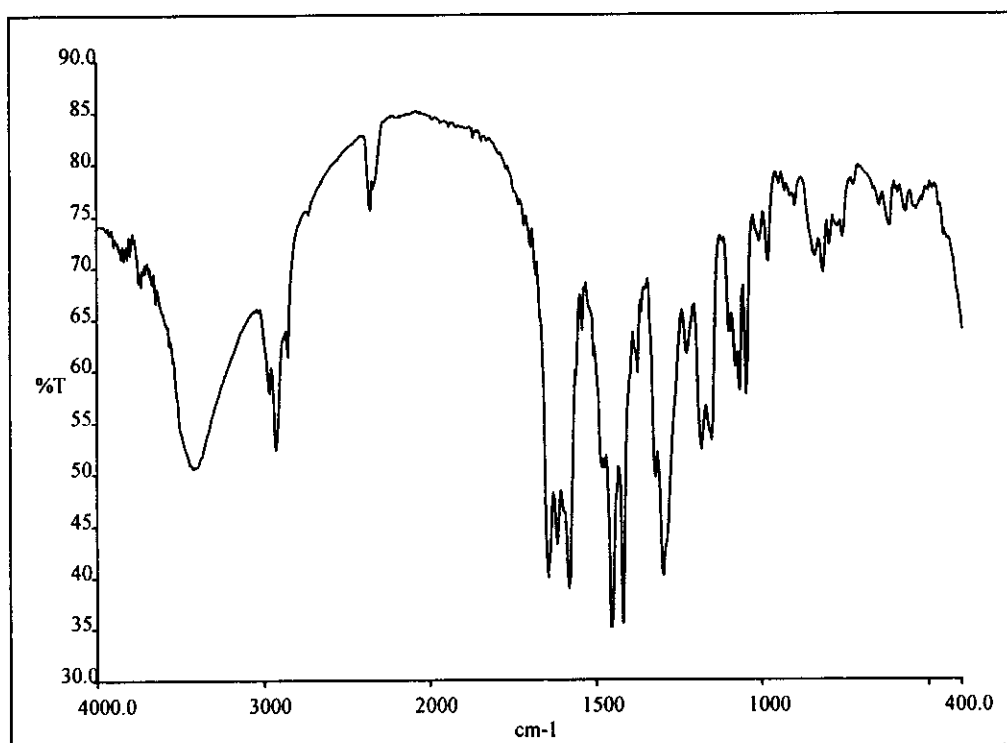


Figure 127 FT-IR (neat) spectrum of compound W15

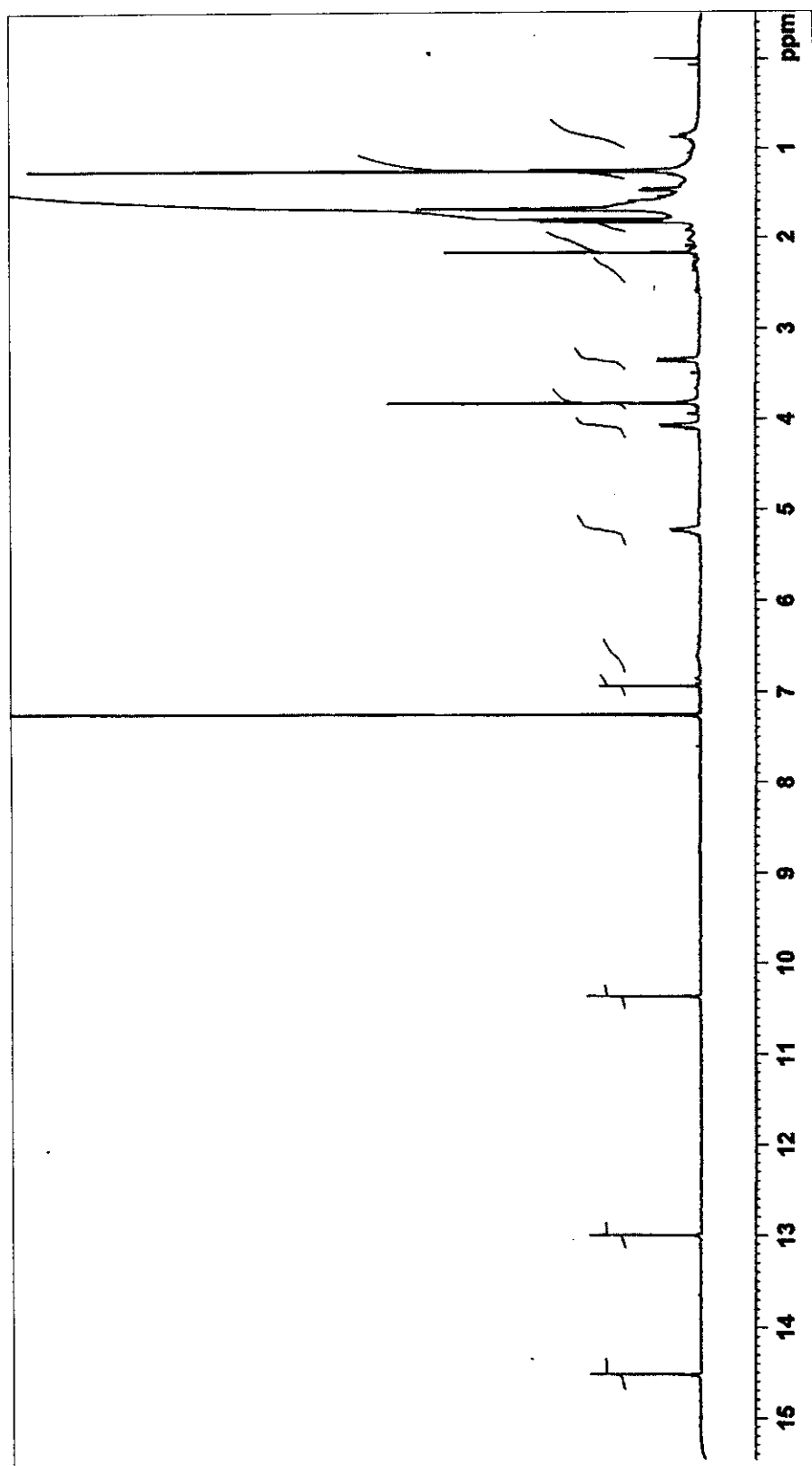


Figure 128 ^1H NMR (300 MHz) (CDCl_3) spectrum of compound W15

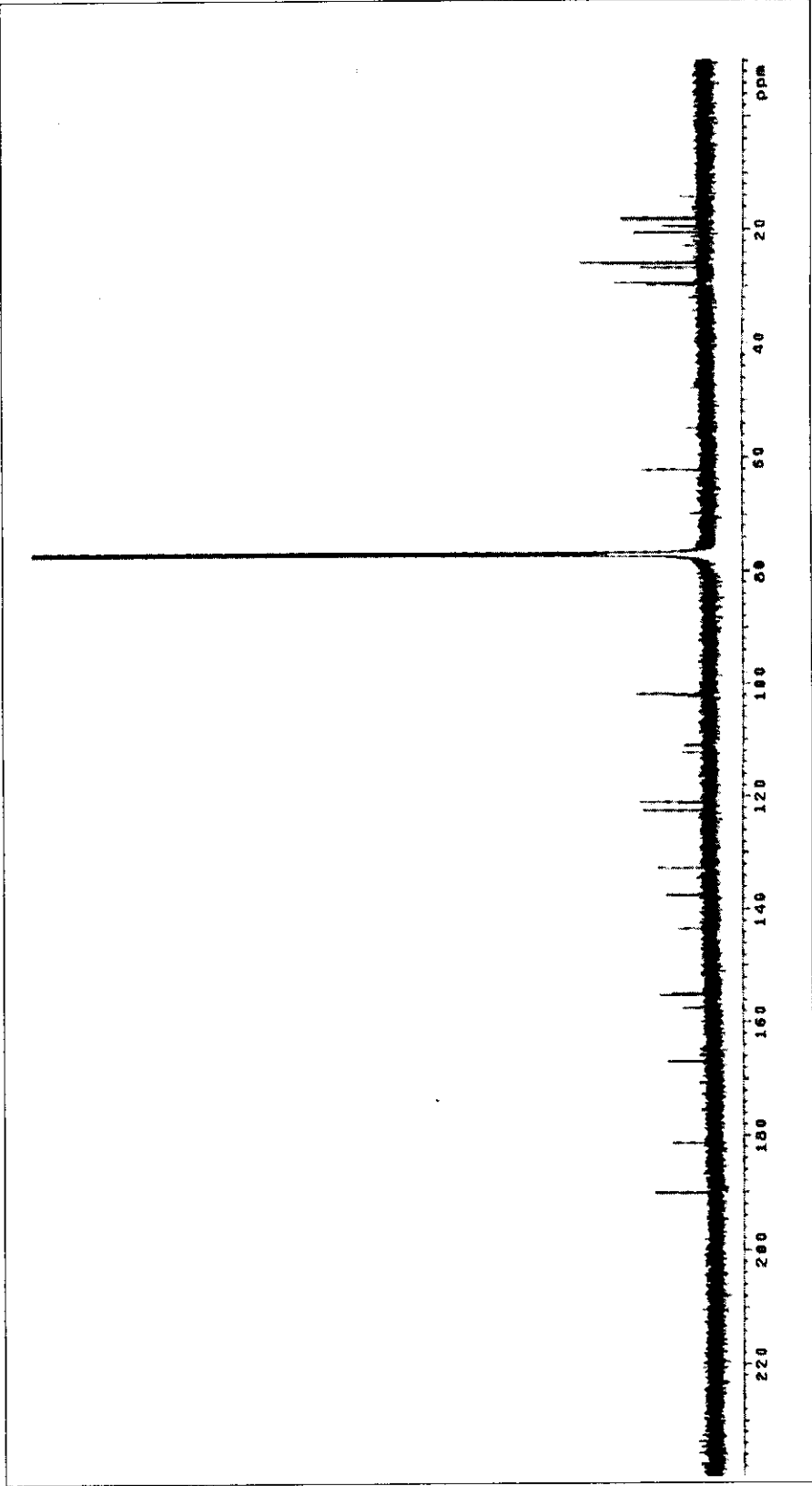


Figure 129 ^{13}C NMR (125 MHz) (CDCl_3) spectrum of compound W15

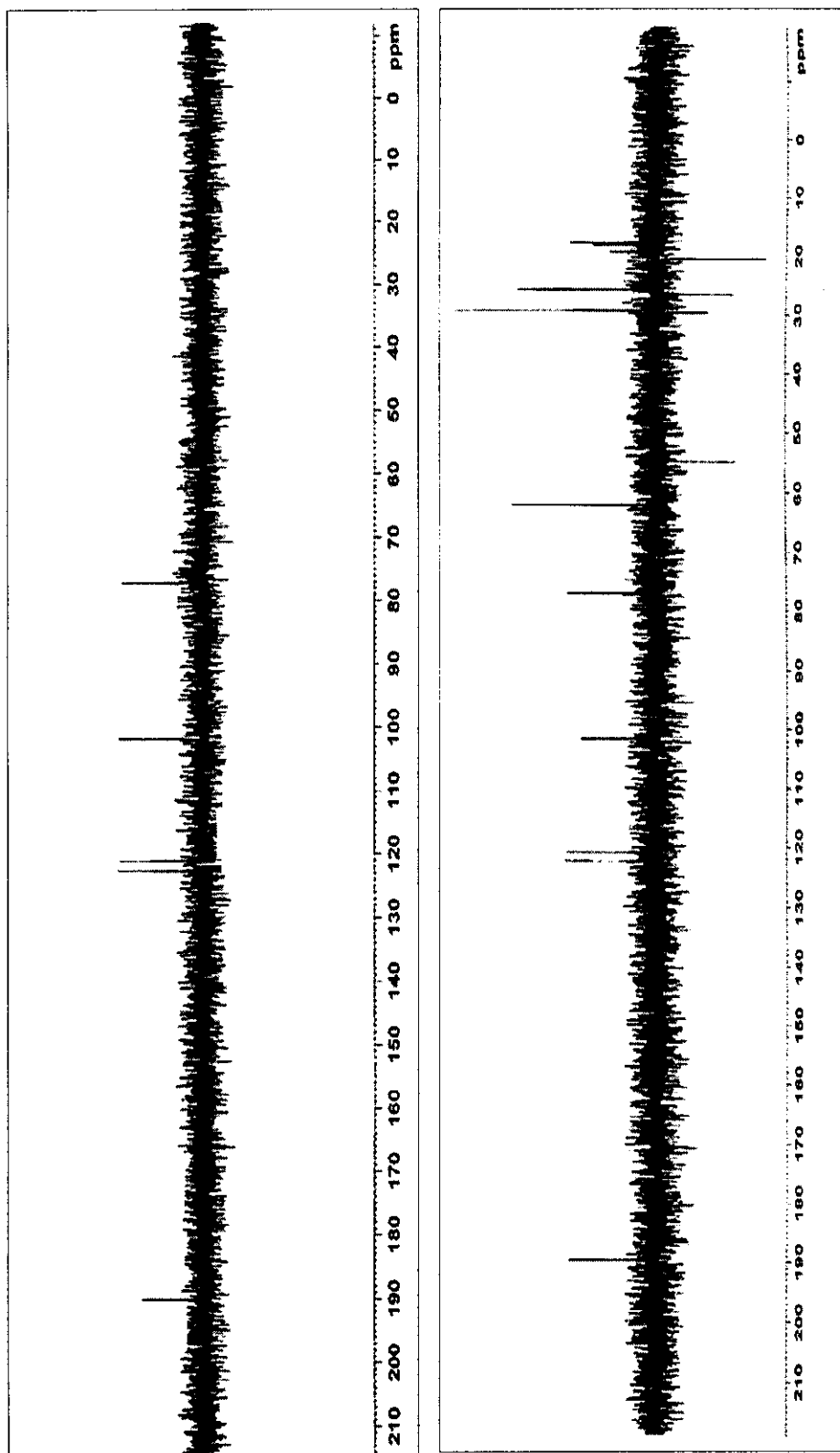


Figure 130 DEPT spectrum of compound W15

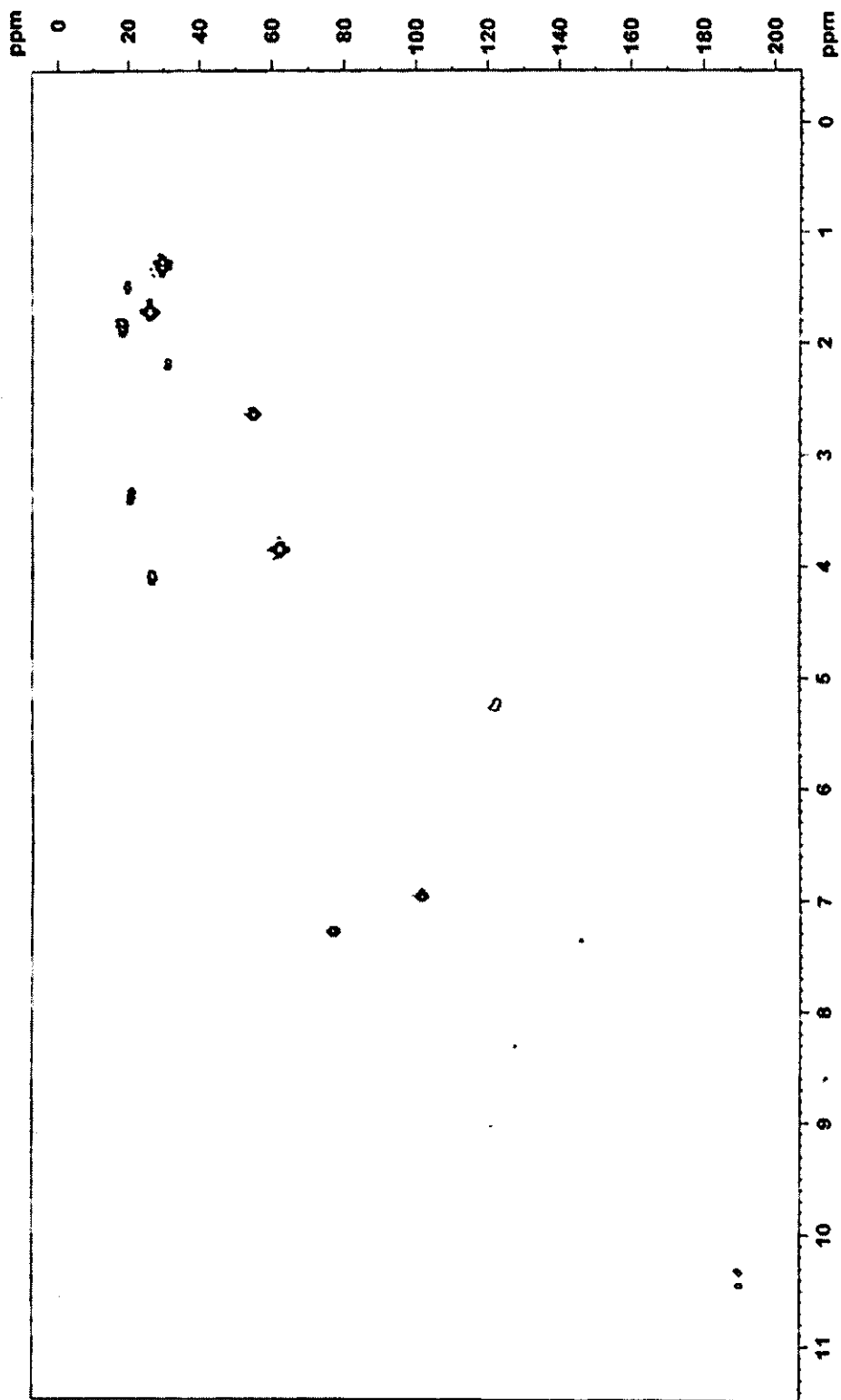


Figure 131 2D HMQC spectrum of compound W15

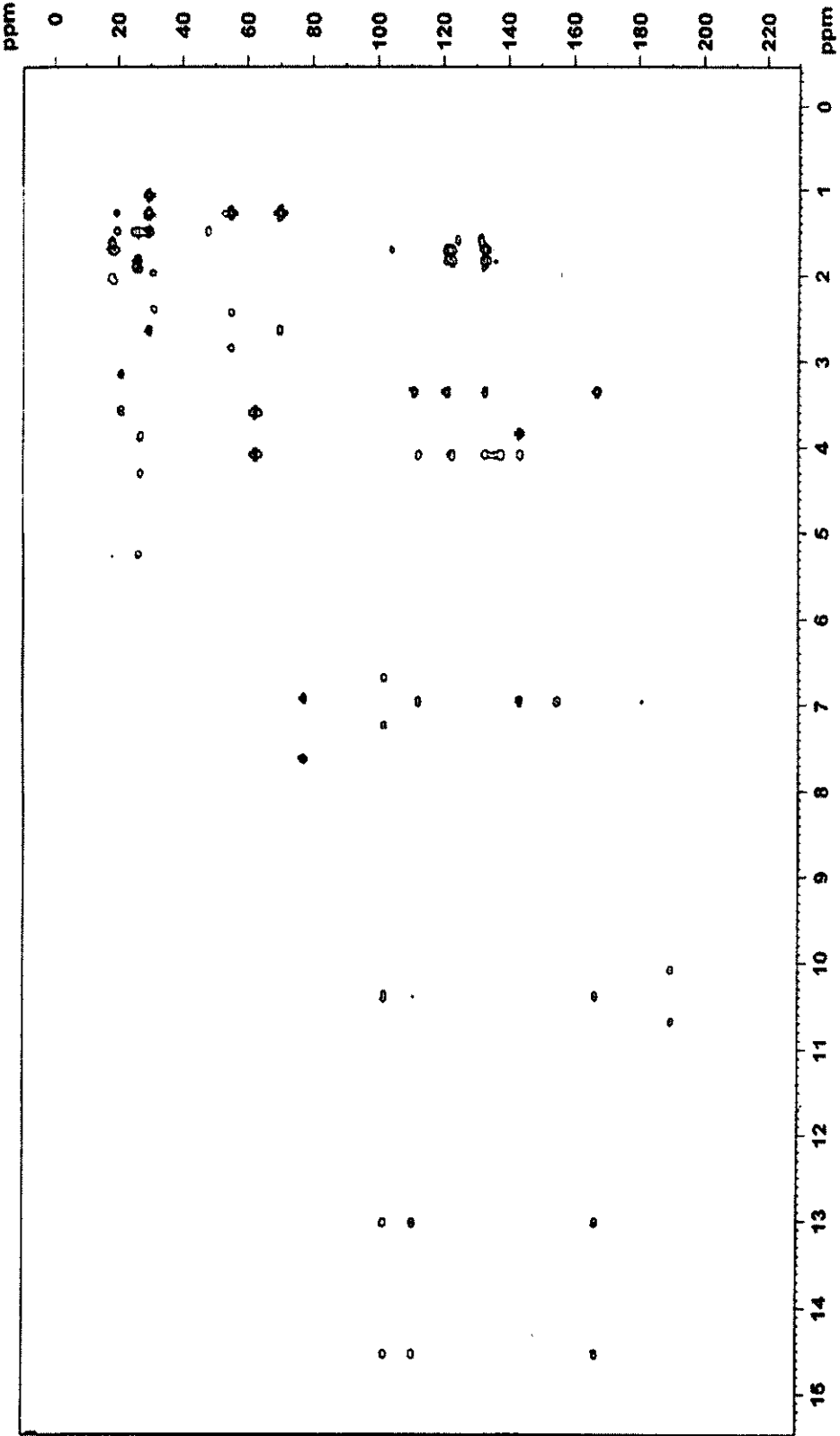


Figure 132 2D HMBC spectrum of compound W15

07/08/2004 10:03:38 AM W21

C:\Xcalibur\data\w21m12
LREIMS
w21m12 913-14 RT: 2.69-2.80 AV: 2 NL: 2.20E5
T: + c EI Full ms [54.50-900.50]
100 57.0

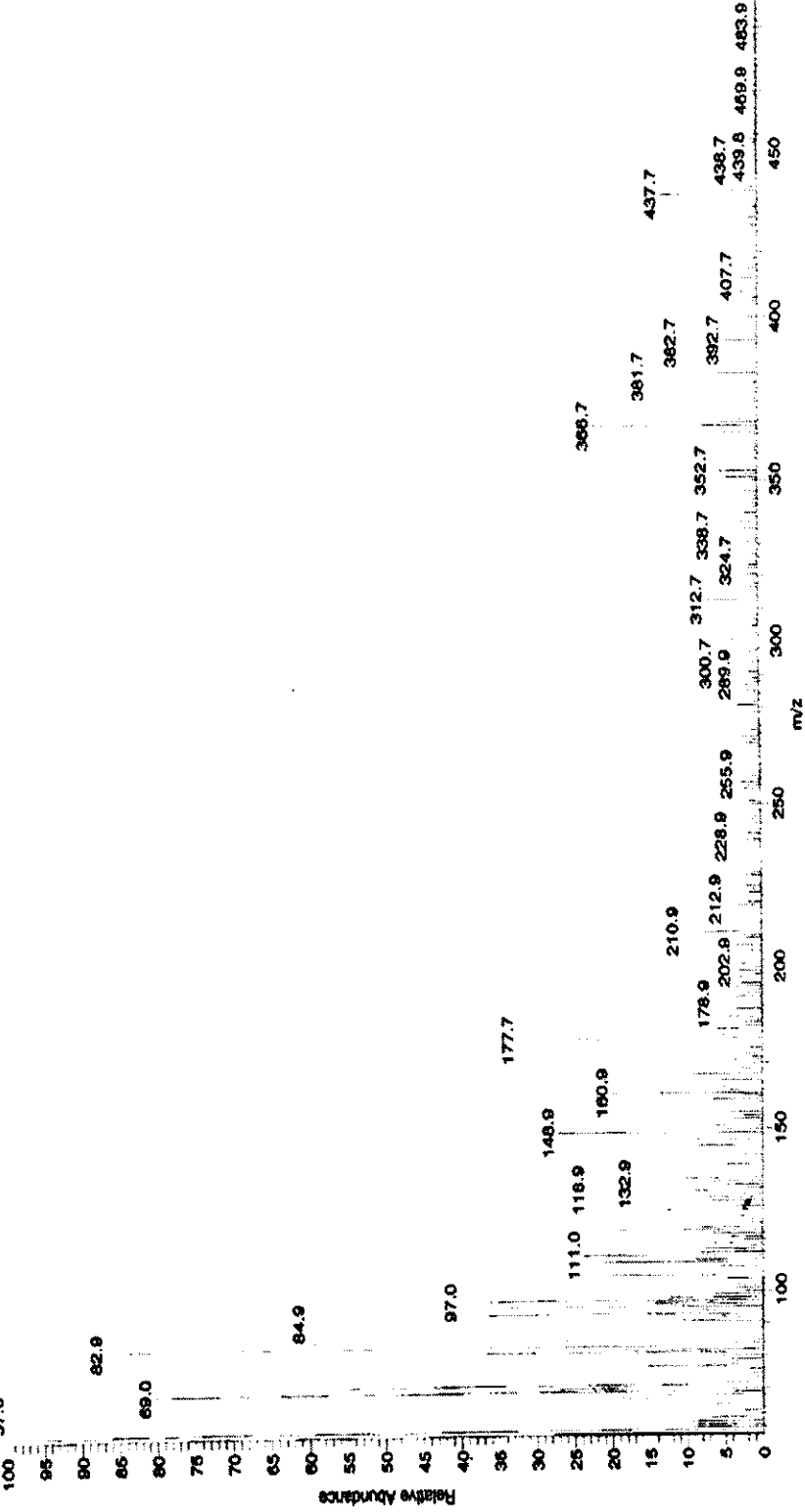


Figure 133 Mass spectrum of compound W15