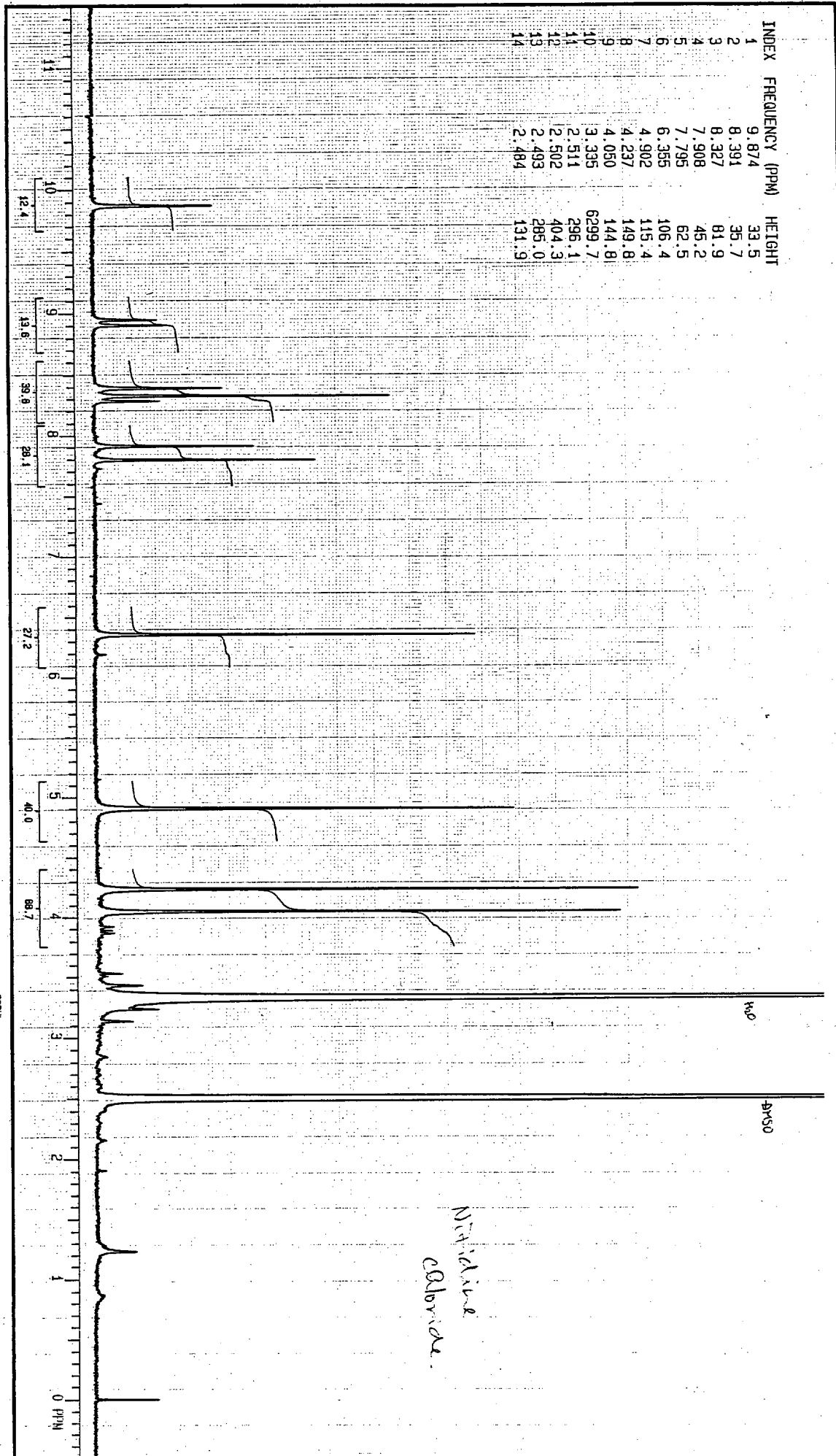


INDEX	FREQUENCY (PPM)	HEIGHT
1	9.874	33.5
2	8.391	36.7
3	8.327	81.9
4	7.908	45.2
5	7.795	62.5
6	6.365	106.4
7	4.902	115.4
8	4.237	149.8
9	4.050	144.8
10	3.395	6299.7
11	2.511	296.1
12	2.502	404.3
13	2.493	285.0
14	2.484	131.9



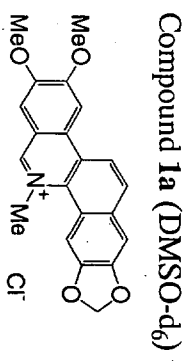
**OBSERVE**  
 Nucleus: 1,000 Hz  
 Spec Width: 2,000.3 Hz  
 Acq. Time: 2.666 sec  
 Pulse Width: 14.5 µsec  
 Freq.: 200 MHz  
 Offset: -9.0 Hz  
 Delay: 1.000 sec  
 Transmits: 612

**DECOUPLE**  
 Nucleus: 1,000 MHz  
 Mode: NMR  
 Modulation Mode: C  
 Pulse Width: µsec  
 Offset: -300.0 Hz  
 Power: 20.0 dB  
 Freq.: 200 Hz  
 Power Mode: 1.0

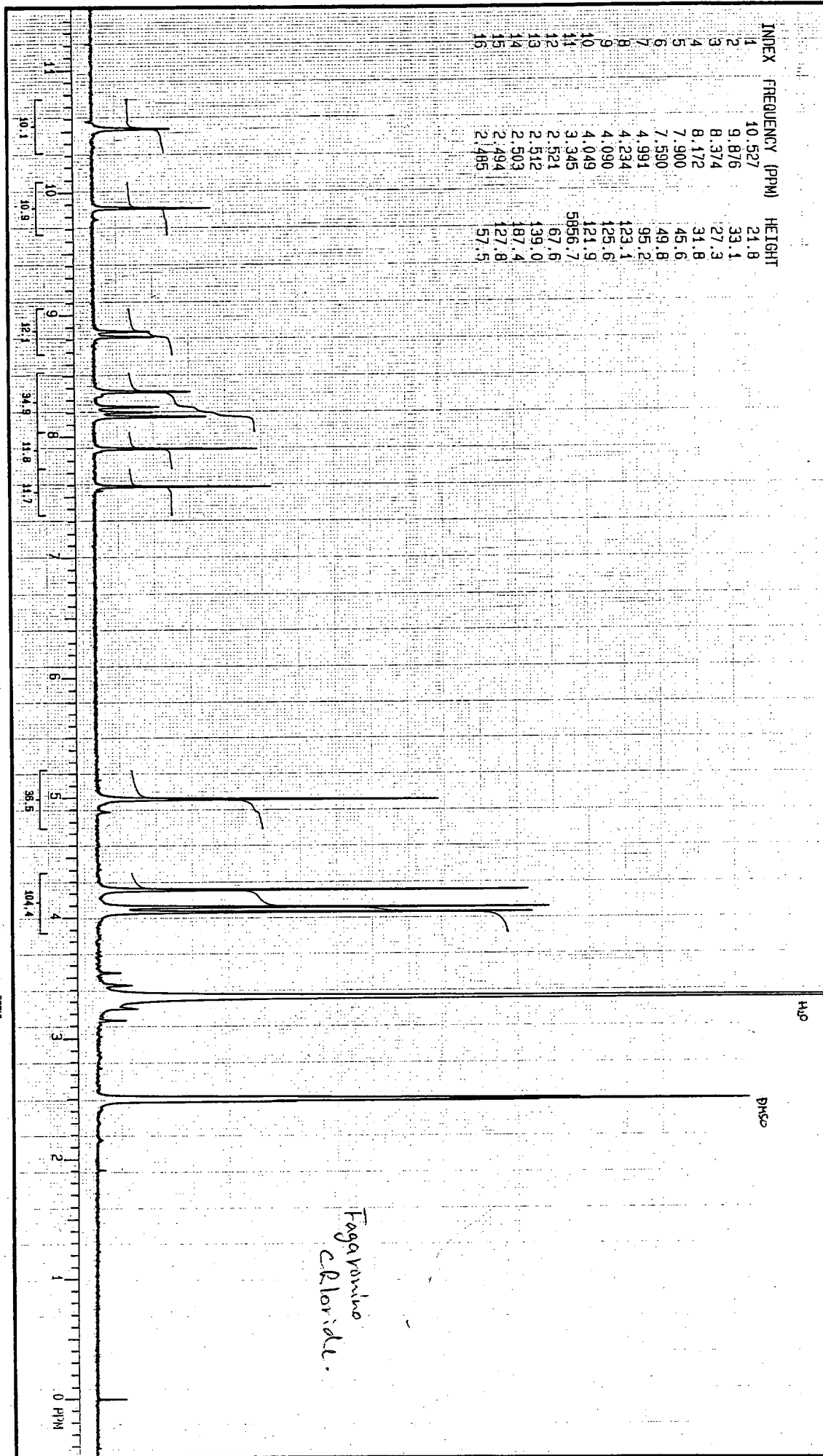
**PLOT/PROCESSING**  
 FI: 16 K RE: sec CD: sec  
 LA: Hz AF: sec CO: Hz  
 Width: 399.6 Hz/gm Start: 100.0 Hz/gm  
 Reference:

**EXPERIMENT**  
 Tube Sequence: 2PUL  
 Tube ID: mm  
 Temp: °C  
 Solvent: DMSO

Supporting Information 1



INDEX	FREQUENCY (ppm)	HEIGHT
1	10.527	21.8
2	9.876	33.1
3	8.374	27.3
4	8.172	31.8
5	7.900	45.6
6	7.590	49.8
7	4.991	95.2
8	4.234	123.1
9	4.090	125.6
10	4.049	121.9
11	3.345	5856.7
12	2.521	67.6
13	2.512	139.0
14	2.503	187.4
15	2.494	127.8
16	2.485	57.5



**OBSERVE**  
 Nucleus 1.000 Hz  
 Spec. Weigh 3.000 Hz  
 Acq. Time 2.558 sec  
 Pulse Width 14.5  $\mu$ sec  
 Freq 200 MHz  
 Offset -9.0 Hz  
 Delay 1.000 sec  
 Transmits 235

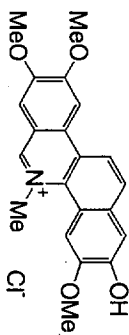
**DECOUPLE**  
 Nucleus 1.000 Hz  
 Mode NNH  
 Modulator Mode C  
 Pulse Width 1.0  $\mu$ sec  
 Offset -300.0 Hz  
 Power 20.0 dB  
 Freq 200 Hz  
 Power Mode 1.0

**PLOT/PROCESSING**  
 Fil 16 K Hz  
 LB --- Hz  
 Magn 399.6 Hz/ppm  
 Reference --- Hz/ppm  
 sec CD --- sec  
 sec CO --- sec  
 Hz/ppm Sani -100.0 Hz/ppm

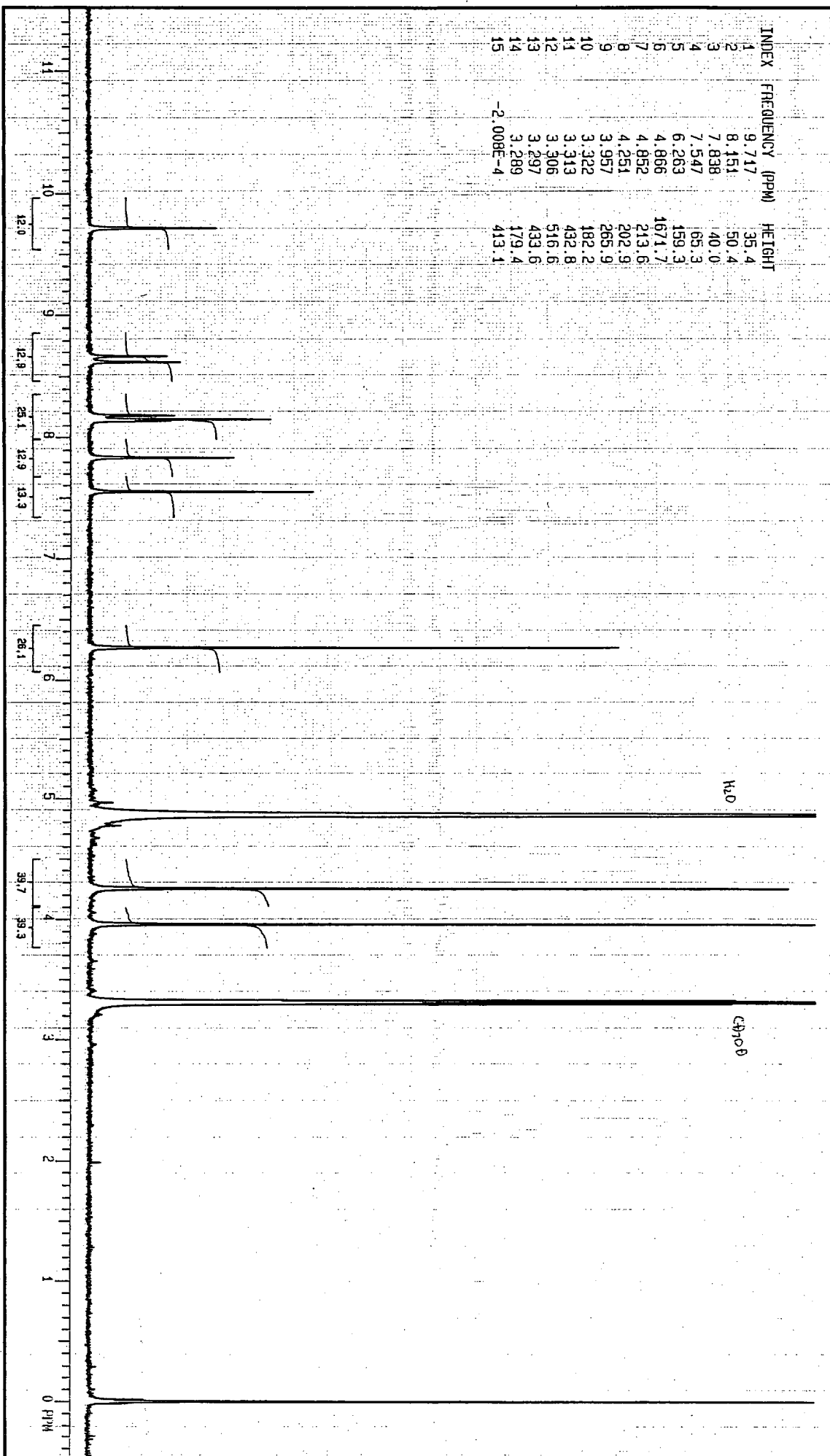
**EXPERIMENT**  
 Pulse Sequence zgpg30  
 Tube ID --- mm  
 Temp --- °C  
 Solvent DMSO

## Supporting Information 2

Compound 1b (DMSO-d<sub>6</sub>)



INDEX	FREQUENCY (PPM)	HEIGHT
1	9.717	35.4
2	8.151	50.4
3	7.838	40.0
4	7.547	165.3
5	6.263	159.3
6	4.866	1671.7
7	4.852	213.6
8	4.251	202.9
9	3.957	265.9
10	3.322	182.2
11	3.313	432.8
12	3.306	516.6
13	3.297	433.6
14	3.289	179.4
15	-2.008E-4	413.1



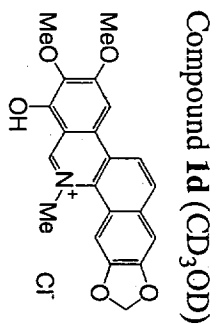
**OBSERVE**  
 Nucleus: 1,000  
 Spec Width: 900.3 Hz  
 Acq Time: 2.666 sec  
 Pulse Width: 14.5  $\mu$ sec  
 Freq: 200 MHz  
 Offset: -9.0 Hz  
 Delay: 1.000 sec  
 Transmits: 64

**DECOUPLE**  
 Nucleus: 1,000  
 Mode: NN  
 Modulation Mode: C  
 Pulse Width:  $\mu$ sec  
 Offset: -300.0 Hz  
 Power: 20.0 dB  
 Freq: 200 Hz  
 Power Mod: 1.0

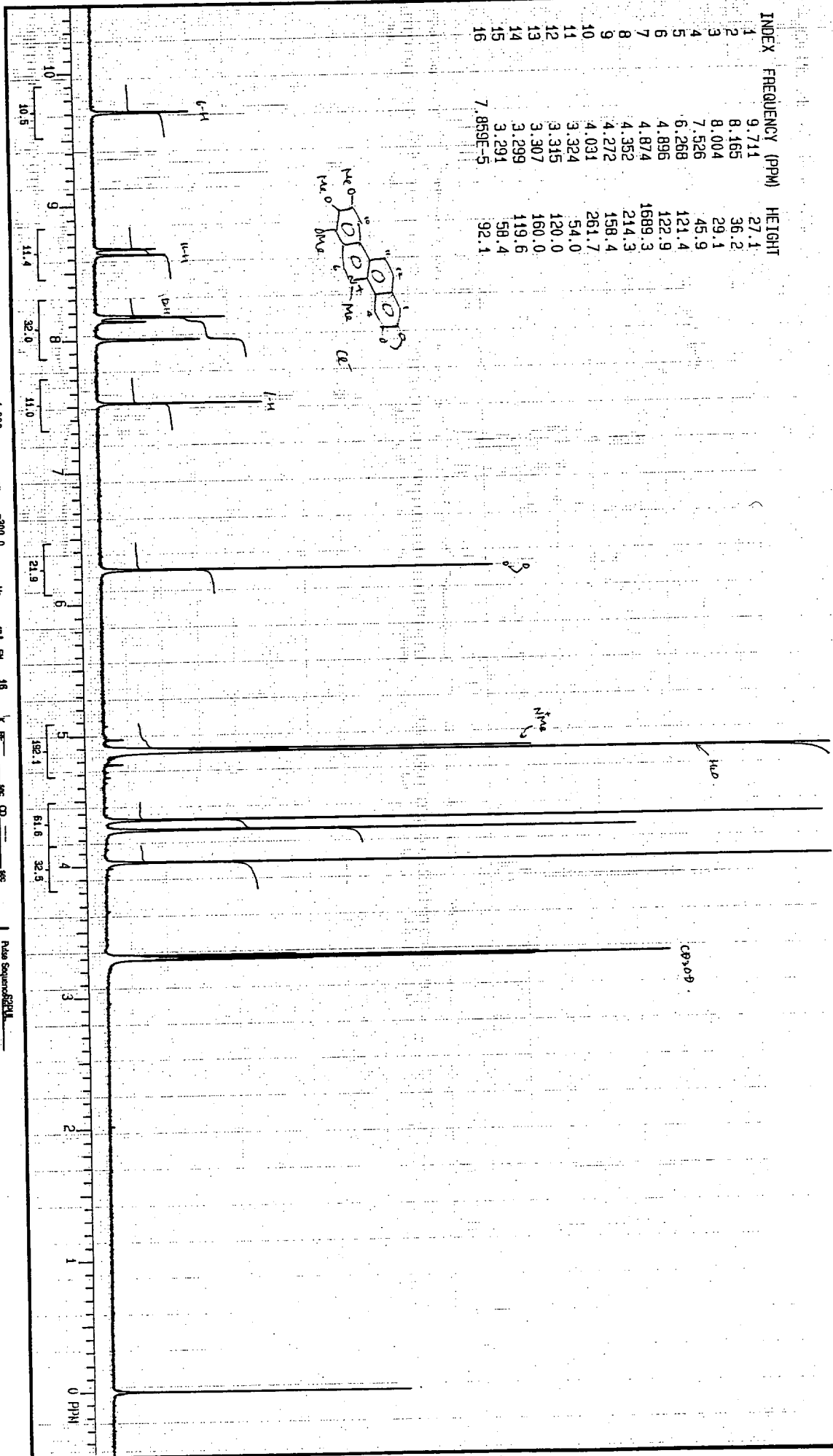
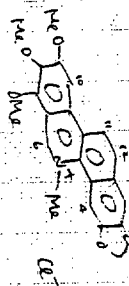
**PLOT/PROCESSING**  
 FI: 16 K RE: sec CD: sec  
 LB: Hz AF: sec CO: sec  
 Width: 399.6 Hz/gm  
 Start: -100.0 Hz/gm  
 Reference:  $\mu$ sec

**EXPERIMENT**  
 Pulse Sequence: zgpg30  
 Tube ID: mm  
 Temp: °C  
 Solvent: CD3OD

Supporting Information 3



INDEX	FREQUENCY (PPM)	HEIGHT
1	9.711	27.1
2	8.165	36.2
3	8.004	29.1
4	7.526	45.9
5	6.268	121.4
6	4.896	122.9
7	4.874	1689.3
8	4.362	214.3
9	4.272	158.4
10	4.272	261.7
11	4.031	54.0
12	3.324	120.0
13	3.315	160.0
14	3.307	160.0
15	3.299	119.6
16	3.291	58.4
	7.859E-5	92.1



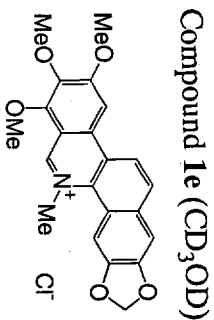
**OBSERVE**  
 Nucleus: 1,000 Hz  
 Spec Width: 3 Hz  
 Acq. Time: 2.665 sec  
 Pulse Width: 13.2 µsec  
 Freq: 200 MHz  
 Offset: -9.0 Hz  
 Delay: 1,000 sec  
 Transmits: 18

**DECOUPLE**  
 Nucleus: 1,000 Hz  
 Mode: NMR  
 Modulation Mode: C  
 Pulse Width: µsec  
 Other: -300.0 Hz  
 Power: 20.0 db  
 Freq: 200 Hz  
 Power Mode: 1.0

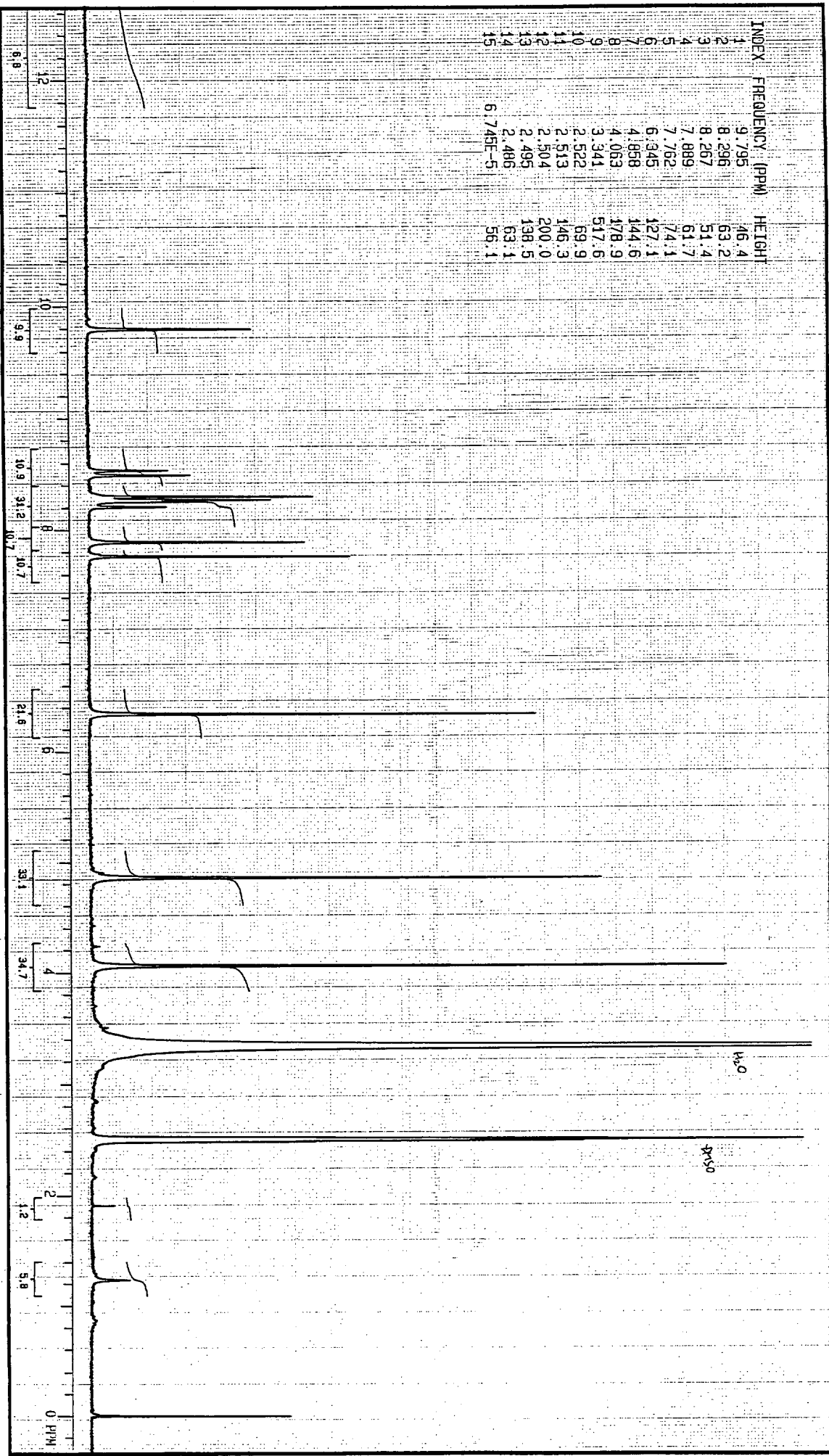
**PLOT/PROCESSING**  
 FI: 18 X  
 RE: sec  
 CD: sec  
 LB: Hz  
 AF: Hz  
 sec  
 CD: sec  
 WAcq: 199.6 Hz/gpm  
 Start: -100.0 Hz/gpm  
 Reference: Hz/gpm

**EXPERIMENT**  
 Pulse Sequence: zgpg30  
 Title: 0.0 min  
 Temp: °C  
 Solvent: CD3OD

Supporting Information 4



INDEX	FREQUENCY (PPM)	HEIGHT
1	9.795	46.4
2	8.296	63.2
3	8.267	51.4
4	7.889	61.7
5	7.762	74.1
6	6.345	127.1
7	4.858	144.6
8	4.063	178.9
9	3.341	517.6
10	2.522	69.9
11	2.513	146.3
12	2.504	200.0
13	2.495	138.5
14	2.486	63.1
15	6.745E-5	56.1



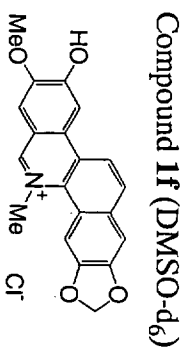
**OBSERVE**  
 Nucleus 1.000 Freq. 200 MHz  
 Spec. Val 6000.3 Hz Offset -9.0 Hz  
 Acq. Time 2.668 sec Delay 1.000 sec  
 Pulse Width 14.5  $\mu$ sec Transmits 224

**DECOUPLE**  
 Nucleus 1.000 Offset -300.0 Hz  
 Mode NM Power 20.0 db  
 Modulation Mode C Freq. 200 Hz  
 Pulse Width         $\mu$ sec Power Mode 1.0

**PLOT/PROCESSING**  
 FN 16 JK        sec CD        sec  
 LB        Hz AF        sec CD        sec  
 WMA 598.6 Hz/gpm Start -68.1 Hz/gpm  
 Reference       

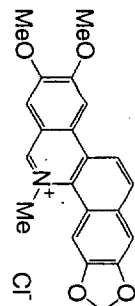
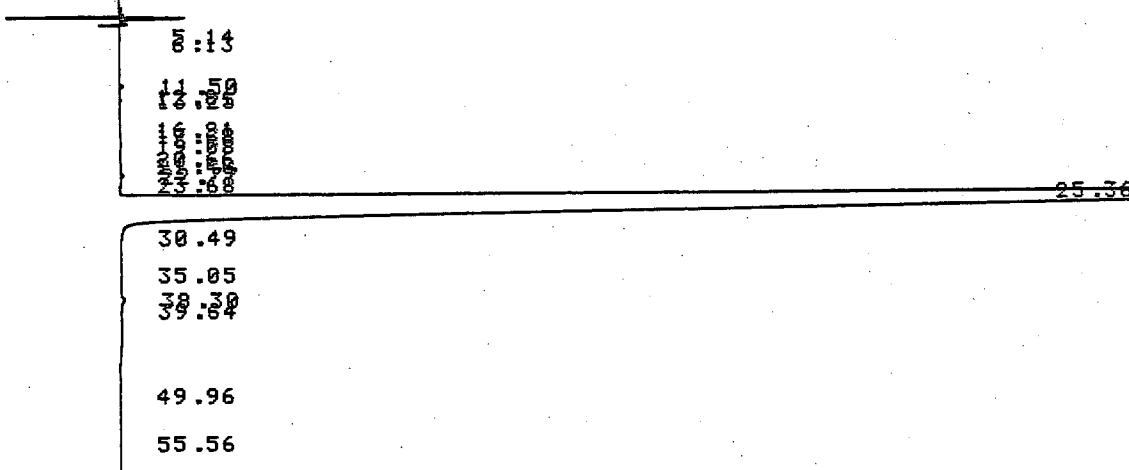
**EXPERIMENT**  
 Pulse Sequence zgpg  
 Tube Q.D.        mm  
 Temp.        °C  
 Solvent DMSO

Supporting Information 5

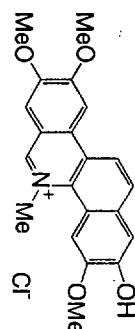
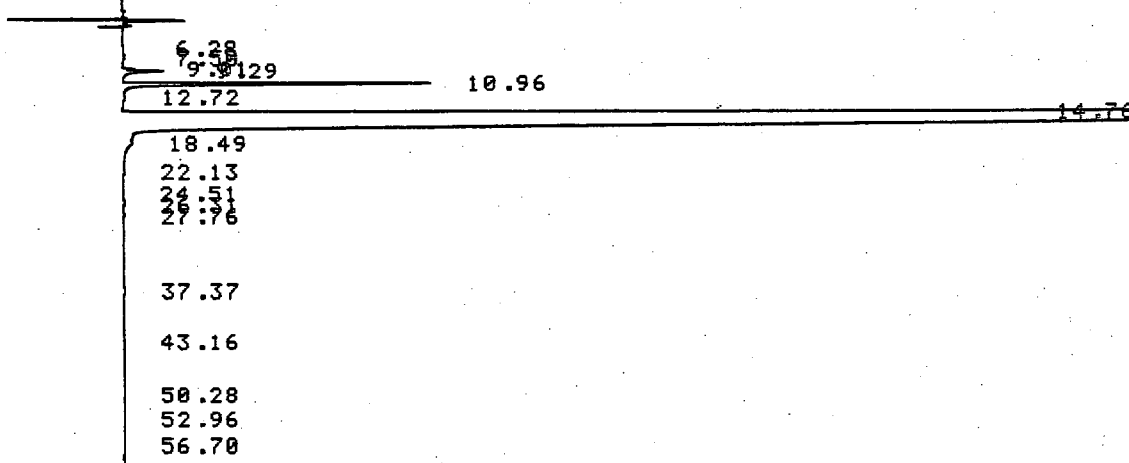


Supporting Information 6

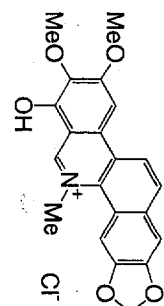
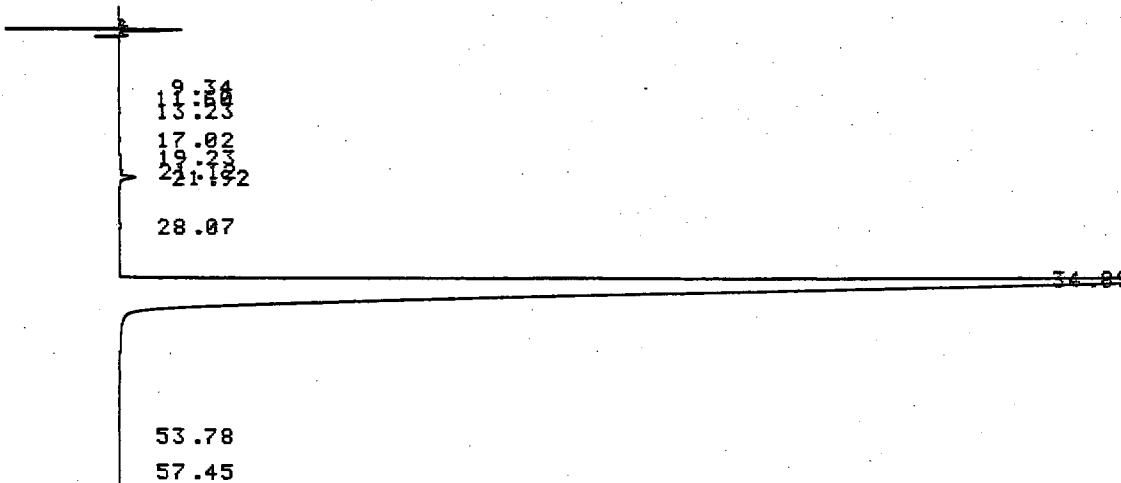
CH. 1 C.S 1.25 ATT 7



CH. 1 C.S 1.25 ATT 7

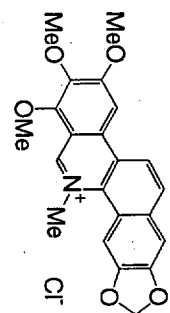
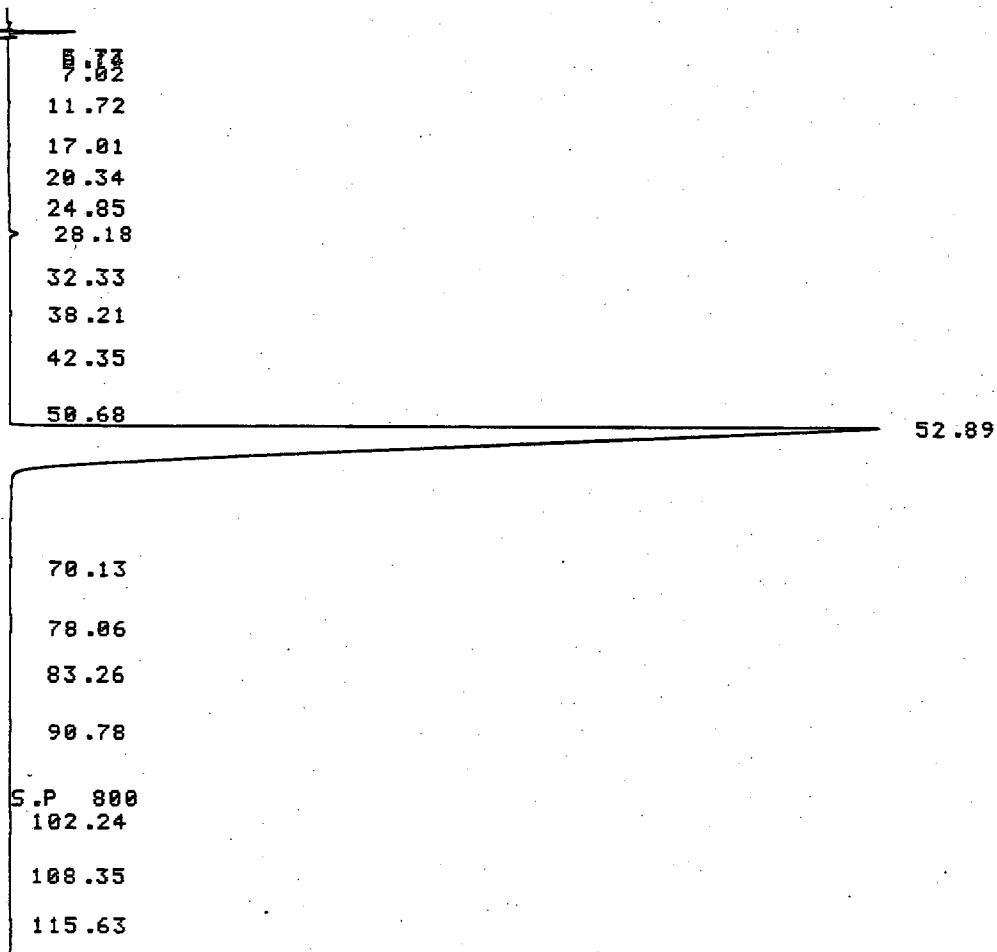


CH. 1 C.S 1.25 ATT 7



Supporting Information 7

CH. 1 C.5 1.25 ATT 7



CH. 1 C.5 1.25 ATT 7

