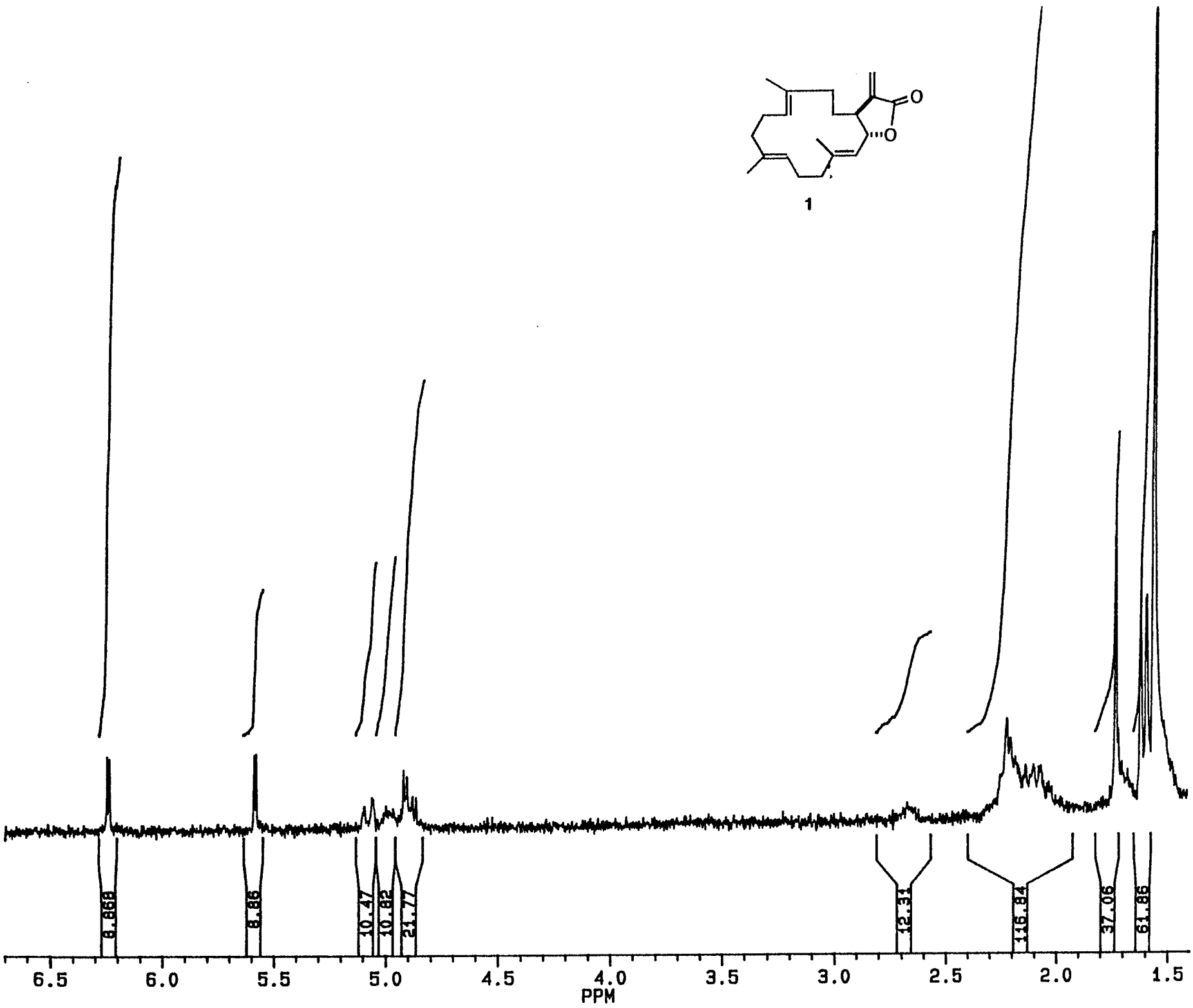
JOC The Journal of Organic Chemistry

J. Org. Chem., 1997, 62(19), 6603-6607, DOI:10.1021/jo971065w



		[Hz]	[PPM]	
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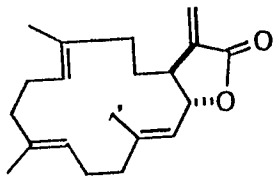
2	13211.2	14159.056	140.7282	0.90
3	14075.7	13442.083	133.6022	0.94
4	14355.9	13209.751	131.2930	1.15
5	15008.6	12668.506	125.9135	-3.12
6	15081.9	12607.713	125.3093	-3.41
7	15311.8	12417.010	123.4138	-3.42
8	15546.9	12222.110	121.4767	2.97
9	20680.7	7964.708	79.1620	-3.74
10	20904.0	7779.556	77.3218	54.12
11	20942.5	7747.570	77.0038	54.29
12	20981.0	7715.692	76.6870	55.18
13	25072.8	4322.435	42.9611	-3.58
14	25562.2	3916.594	38.9274	3.27
15	25630.0	3860.306	38.3680	3.11
16	25917.0	3622.317	36.0026	3.45
17	26385.8	3233.563	32.1387	3.24
18	27367.9	2419.118	24.0438	3.65
19	27392.1	2399.029	23.8442	3.40
20	27574.9	2247.443	22.3376	1.67



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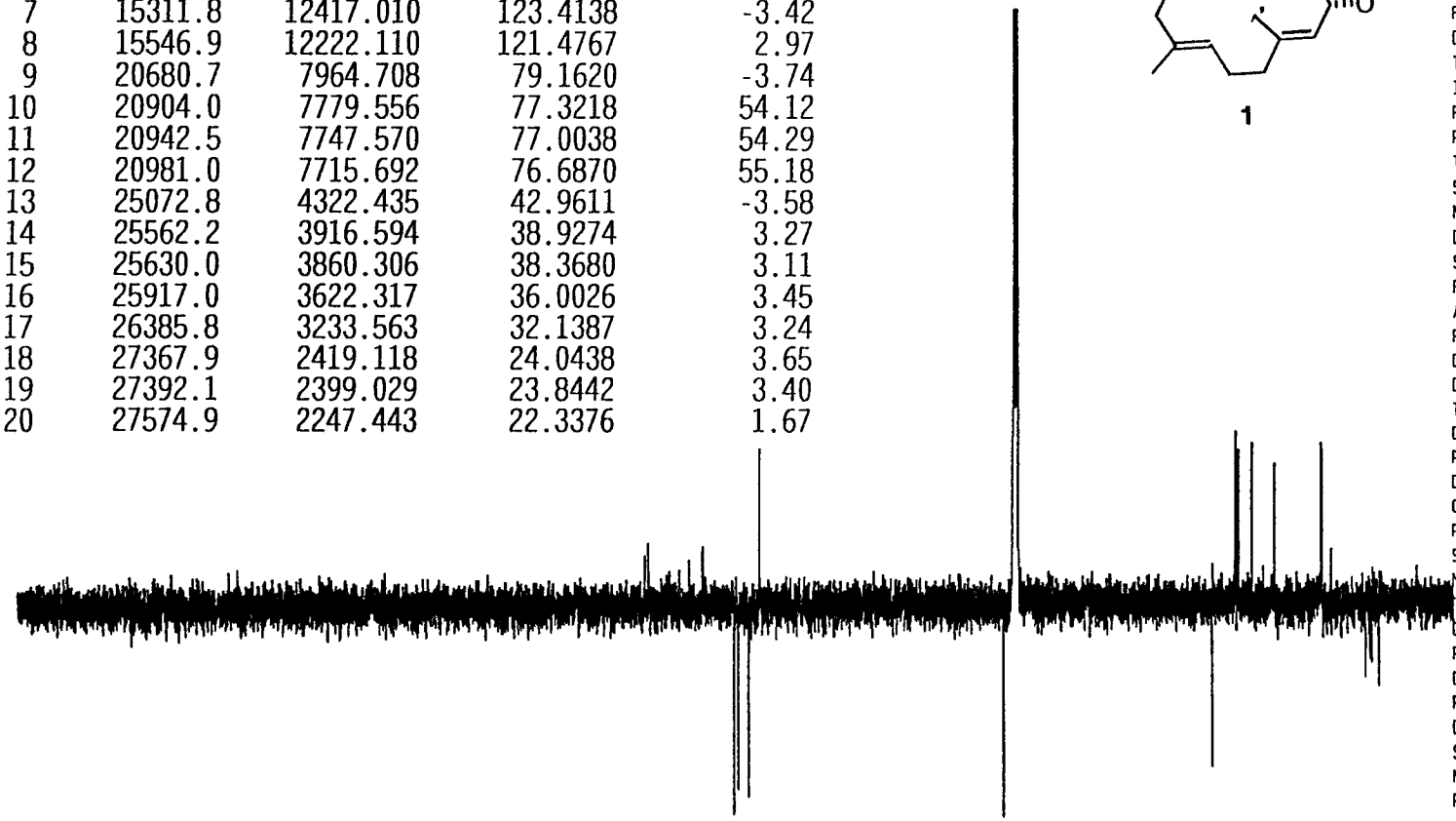

21	28291.9	1652.853	16.4279	-1.45
22	28387.2	1573.870	15.6428	-1.22
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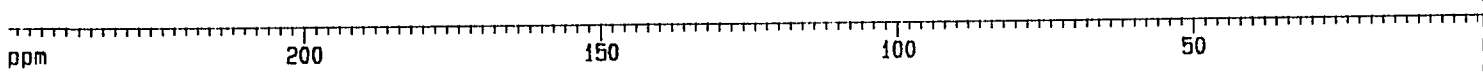
24	28578.8	1414.961	14.0634	-1.93



Current Data Parameters

NAME	cem
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

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NUC2	1H
PL2	120.00 dB
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F2 - Processing parameters

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GB	0
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1D NMR plot parameters

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F2P	1.000 ppm
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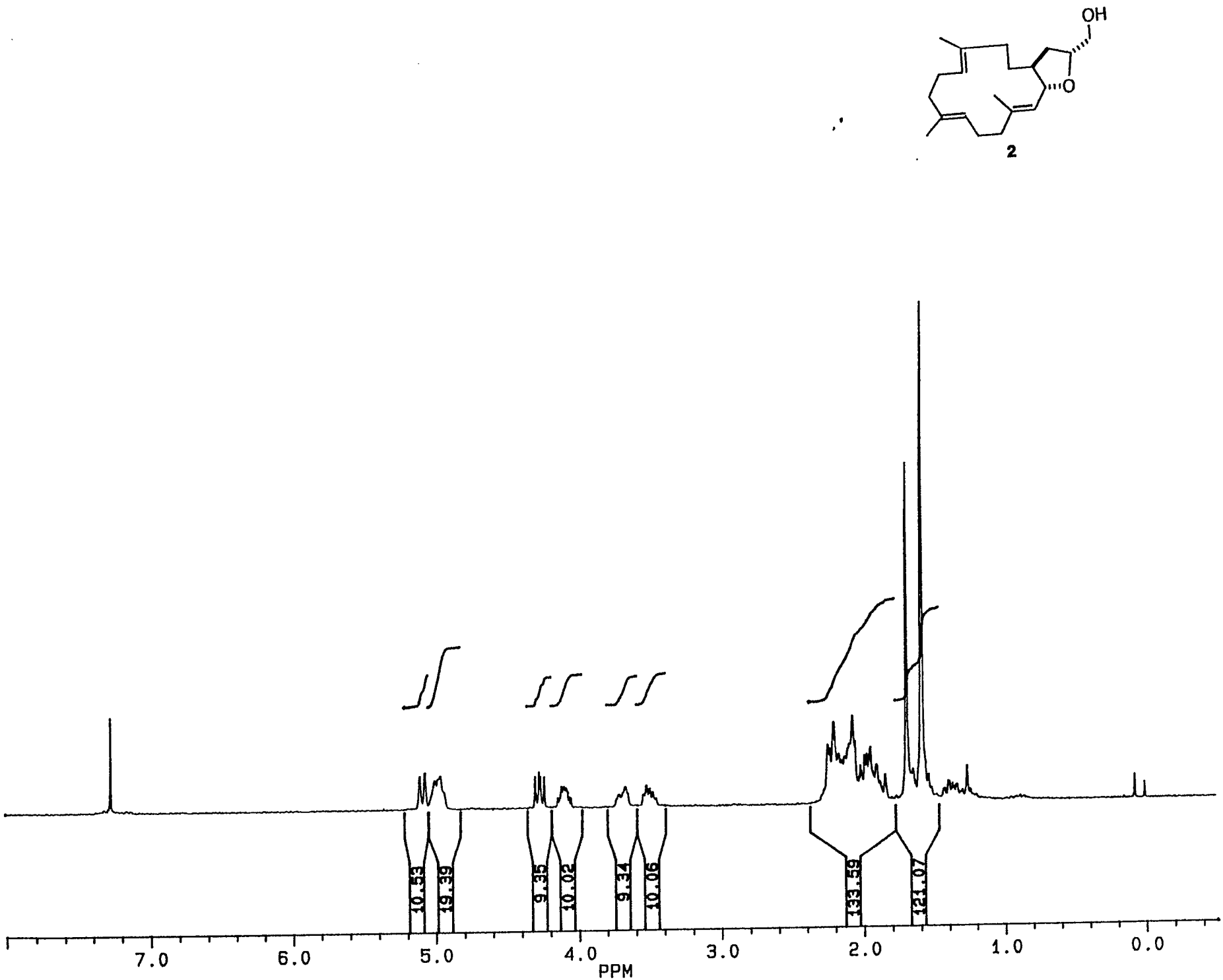

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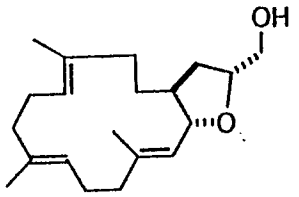
3	7134	8334.018	132.5048	1.263
4	7483	7908.277	125.7359	-6.010
5	7661	7690.718	122.2768	-3.056
6	9788	5094.335	80.9962	-4.450
7	9906	4949.875	78.6994	-3.595
8	9968	4874.563	77.5020	4.980
9	9994	4842.702	76.9954	5.169
10	10021	4810.606	76.4851	4.890
11	10597	4106.673	65.2931	4.514
12	11719	2737.520	43.5246	-3.937
13	11954	2450.193	38.9563	3.404
14	11971	2429.215	38.6227	3.098
15	12151	2209.983	35.1371	3.501
16	12170	2186.537	34.7643	4.118
17	12431	1868.179	29.7027	4.098
18	12710	1526.982	24.2779	3.379
19	12744	1486.279	23.6308	3.435
20	13048	1115.496	17.7356	-1.756
21	13105	1045.636	16.6249	-2.053
22	13175	960.024	15.2637	-1.860



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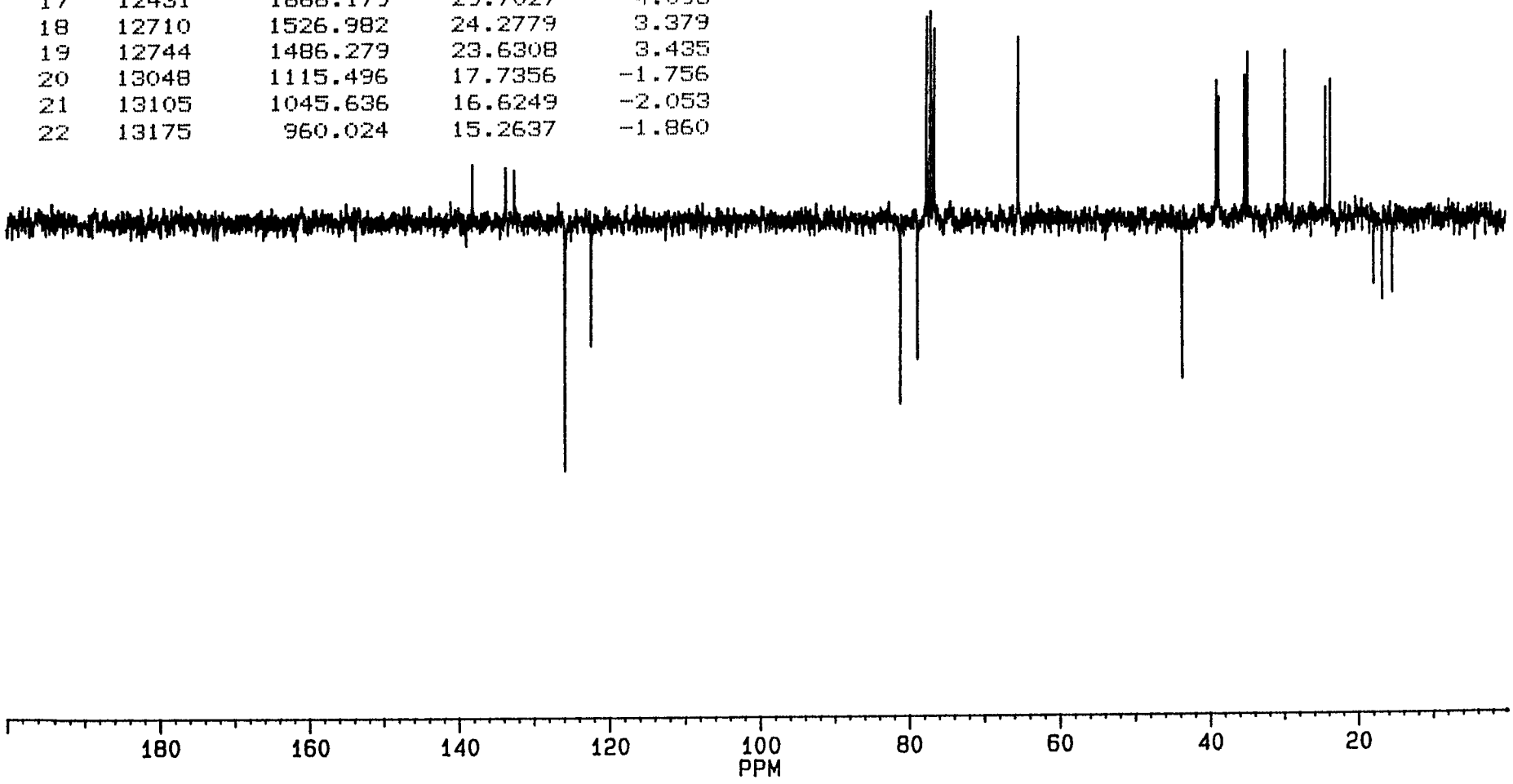

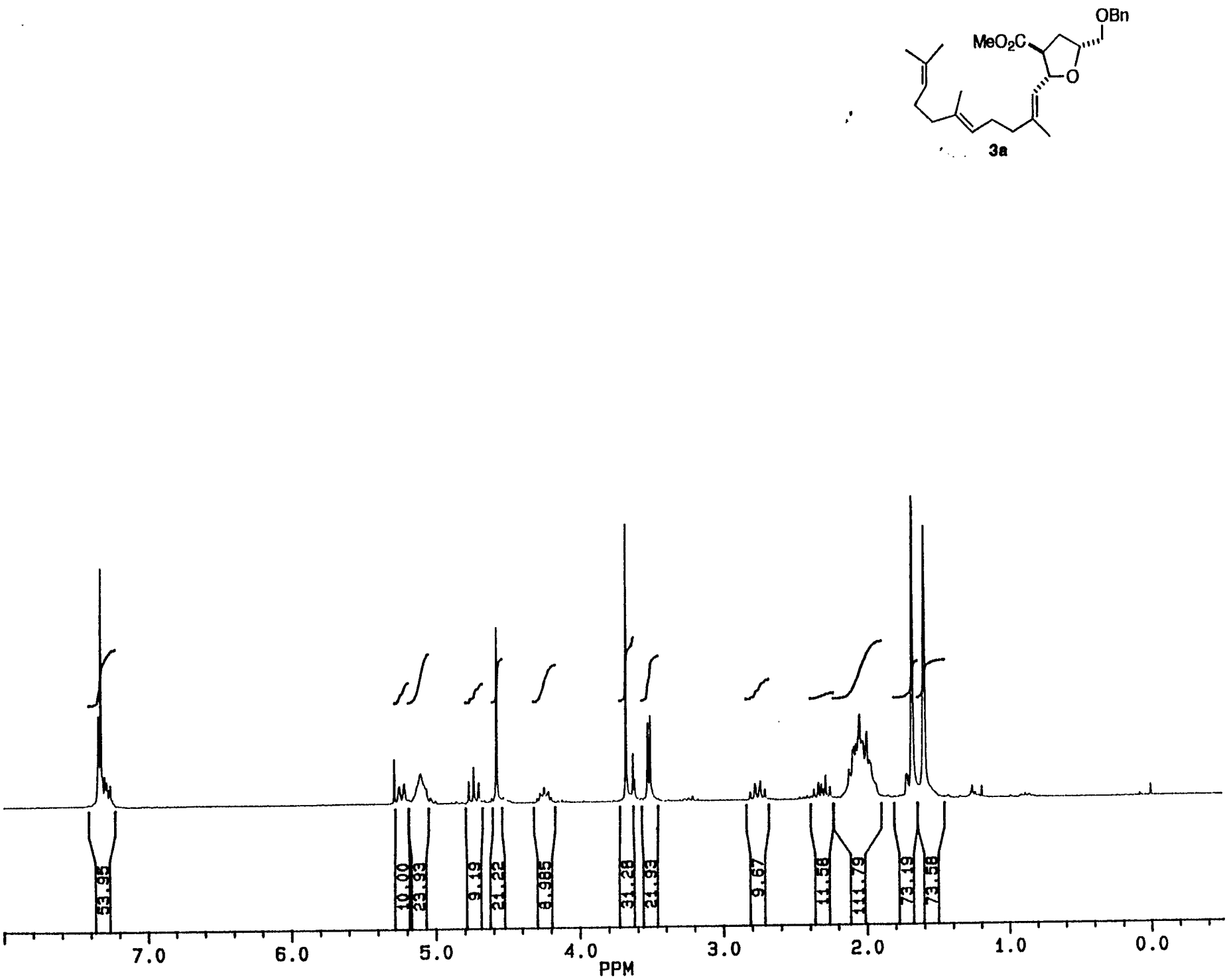

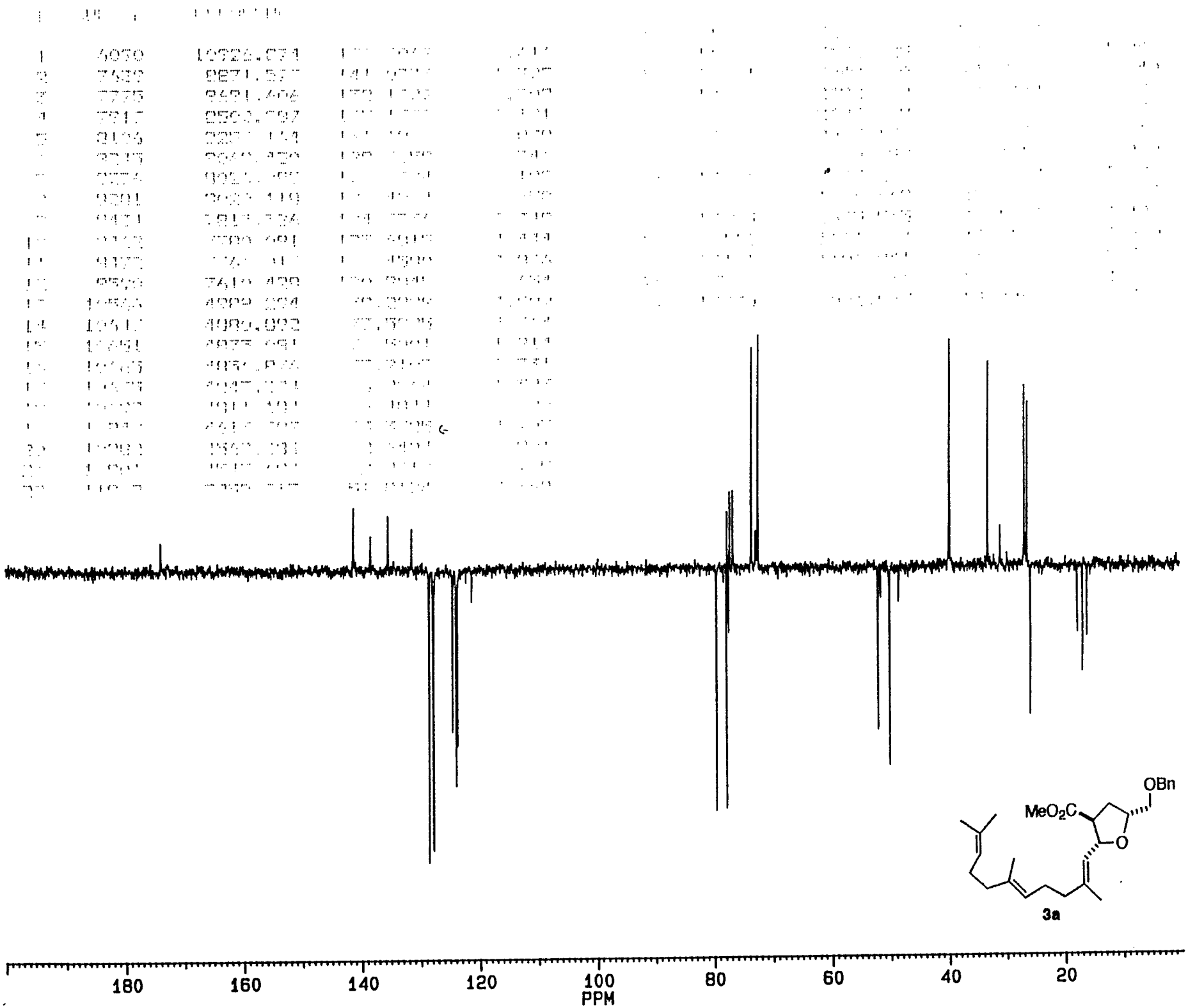

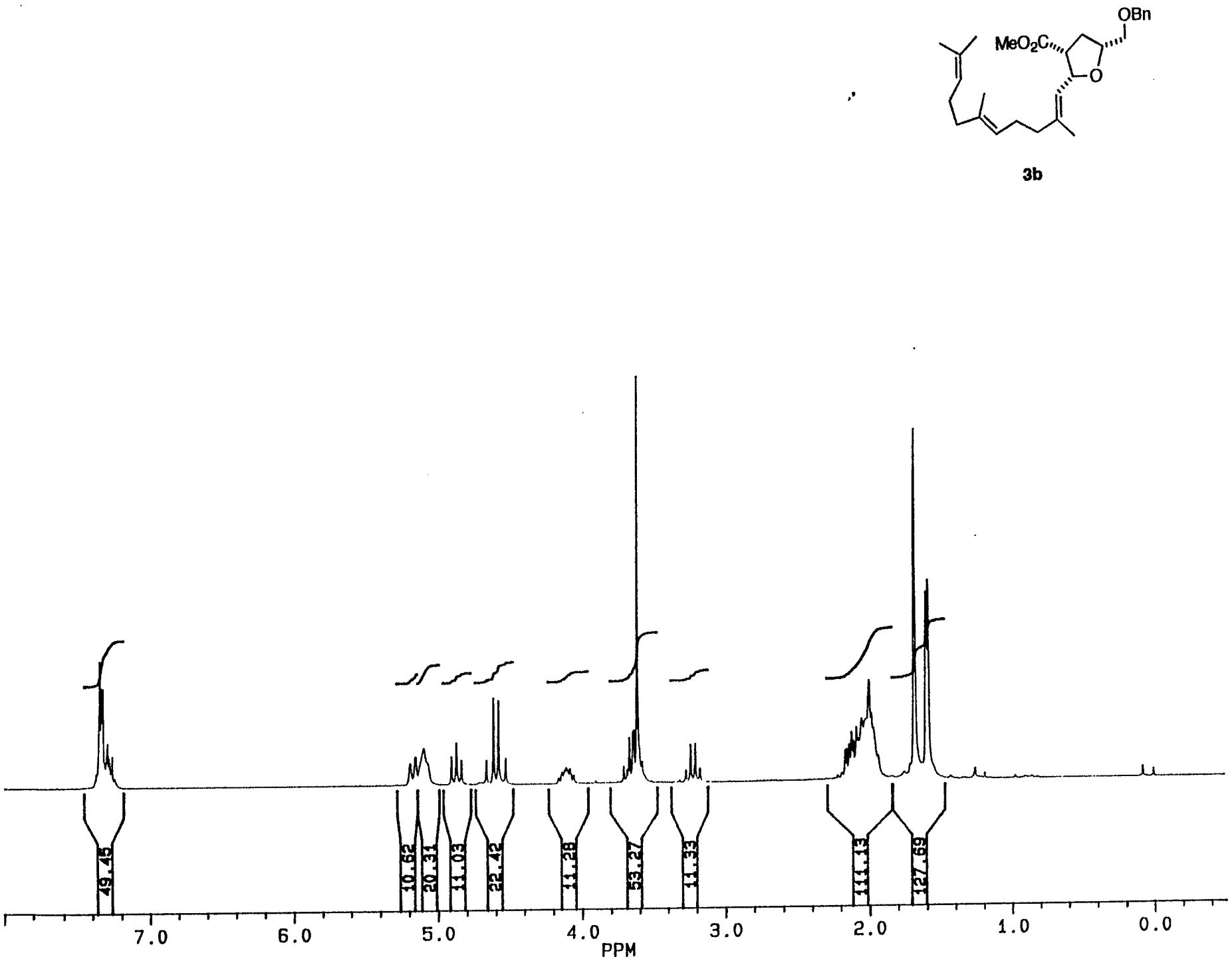

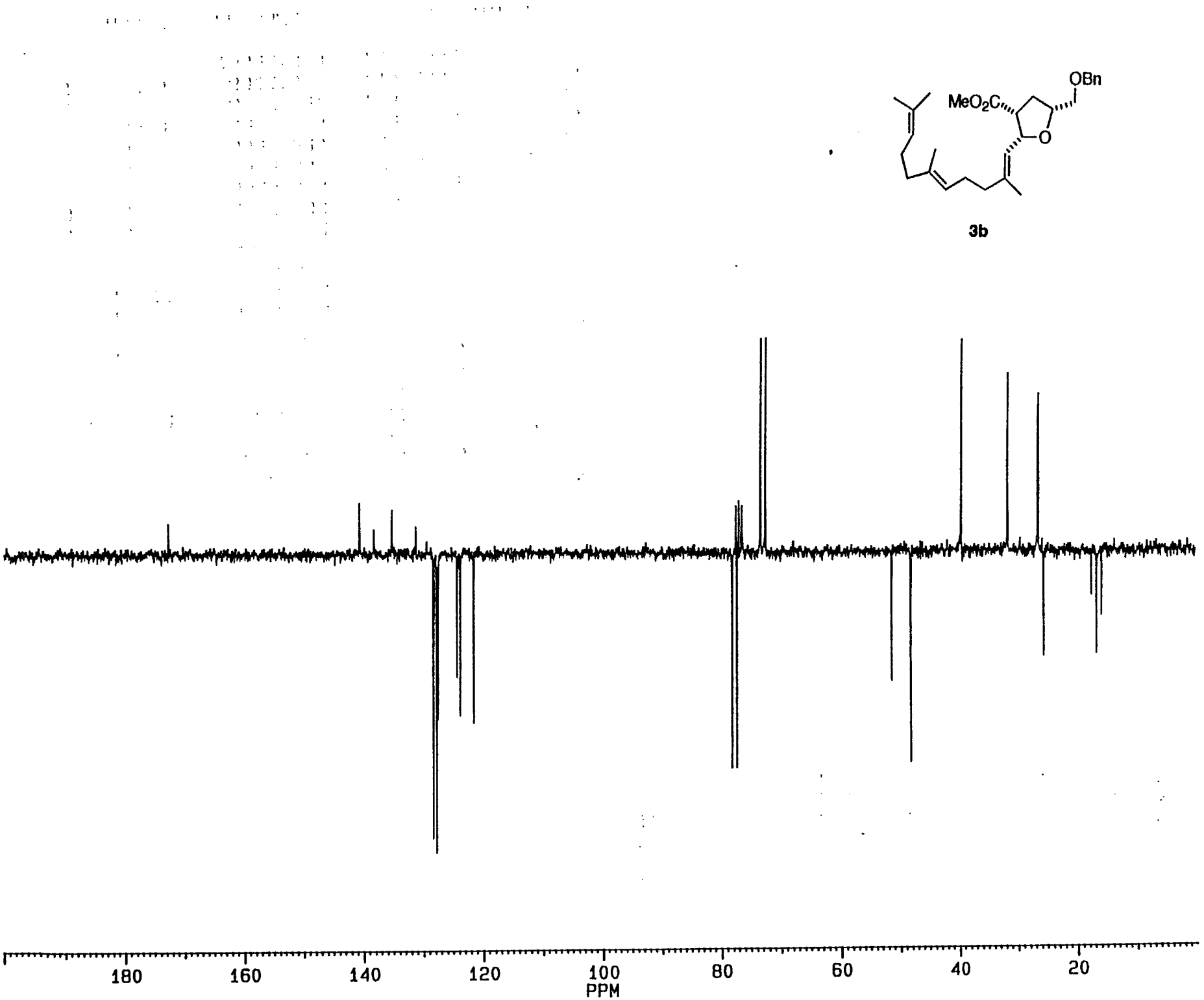

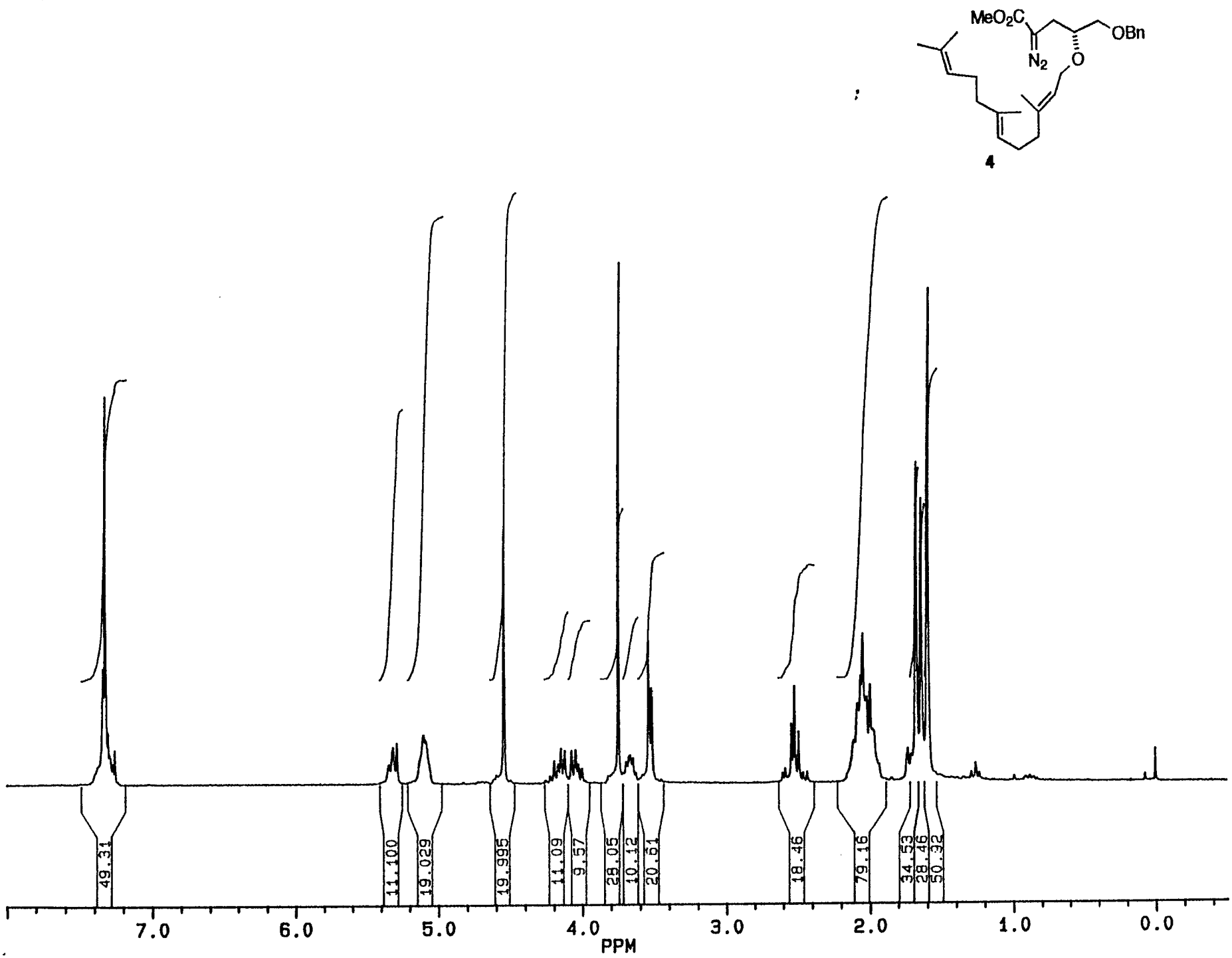

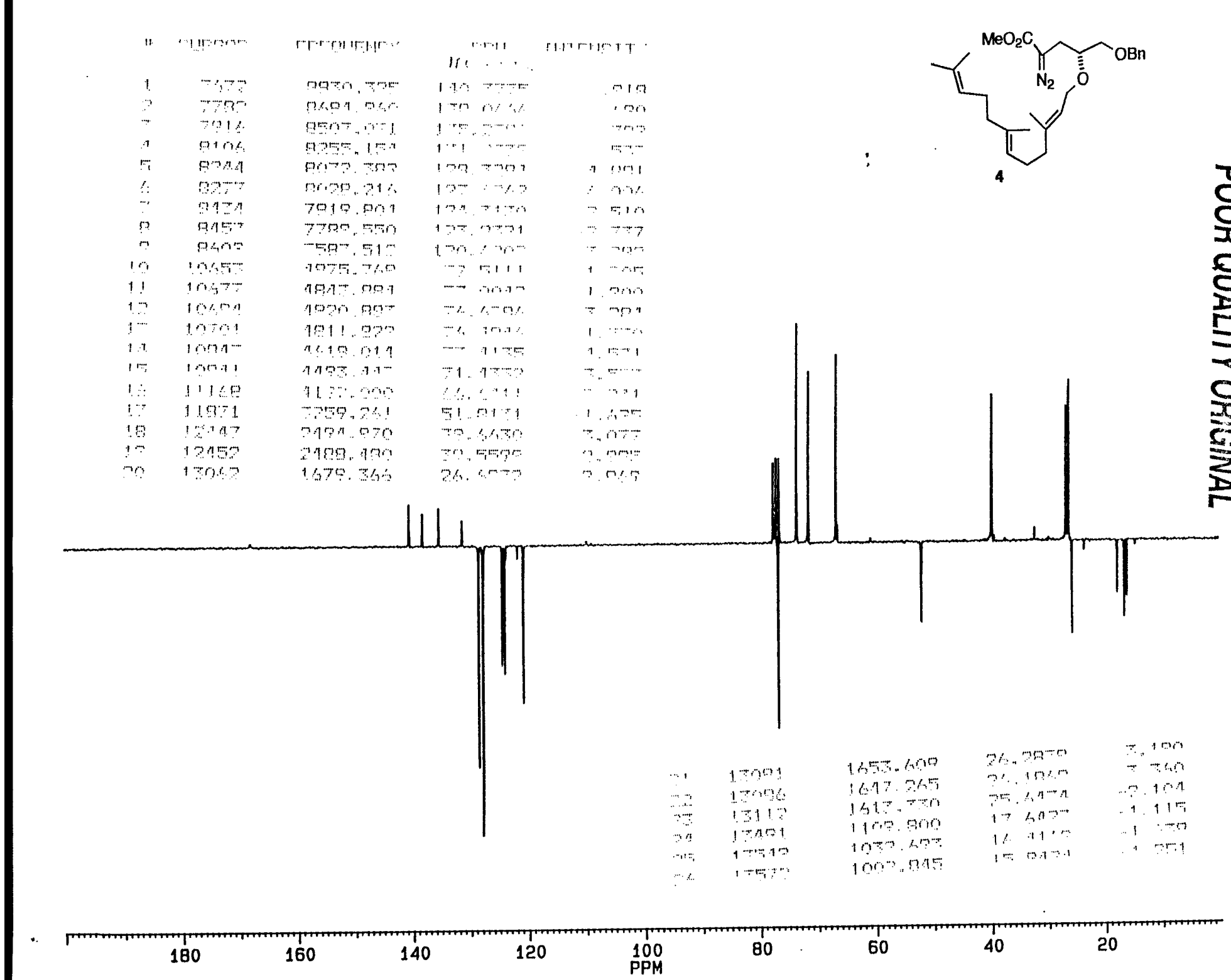

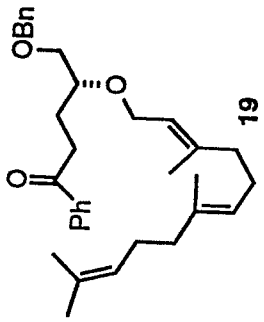
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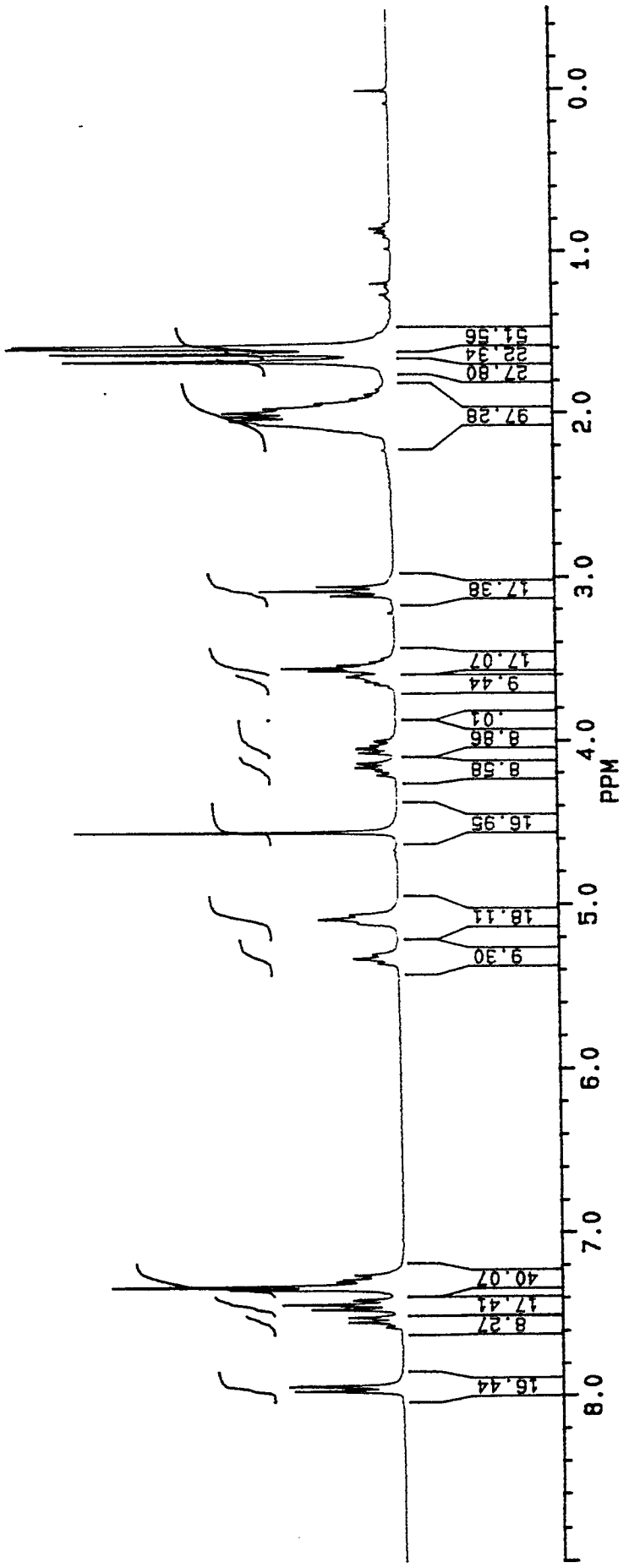
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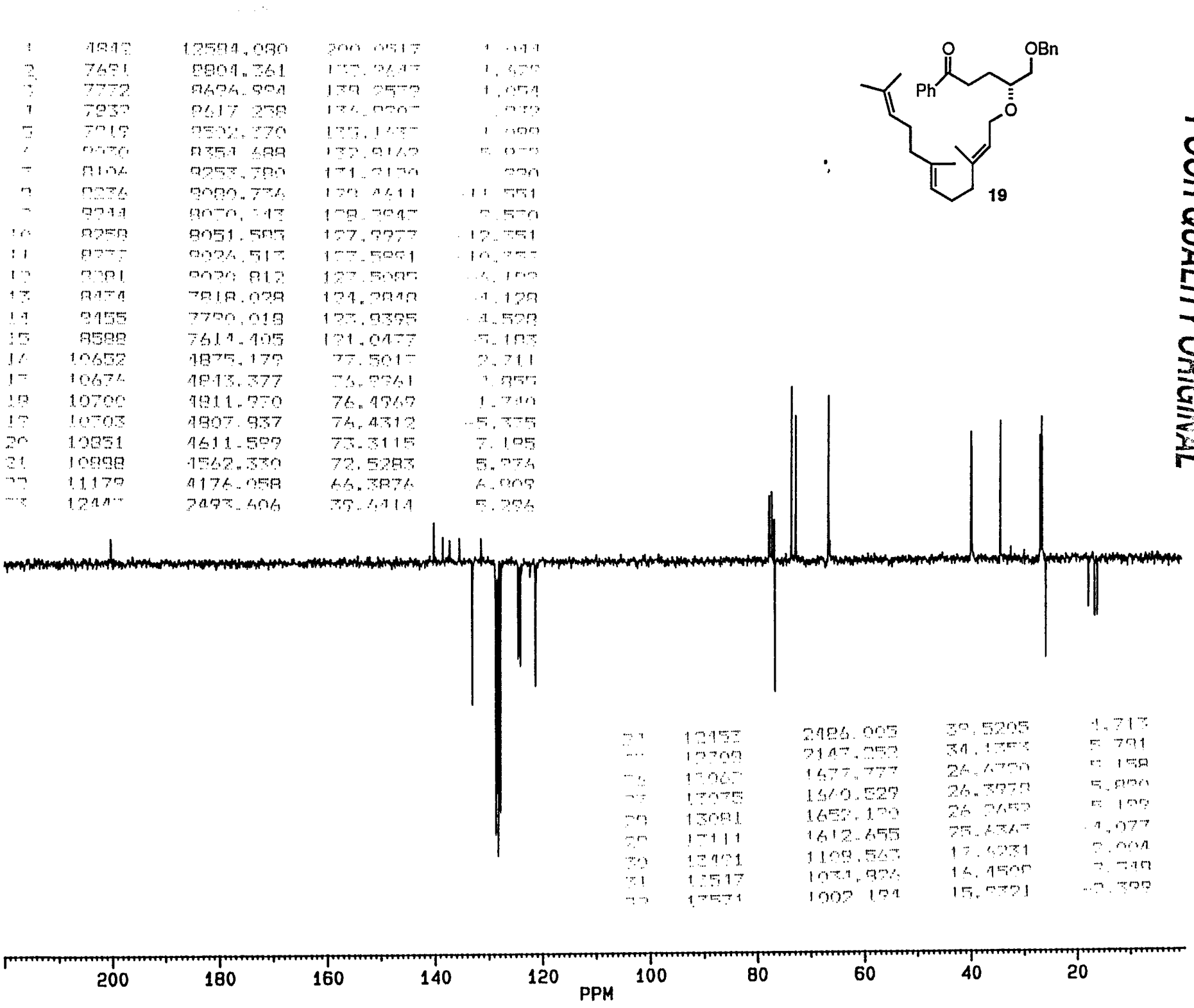

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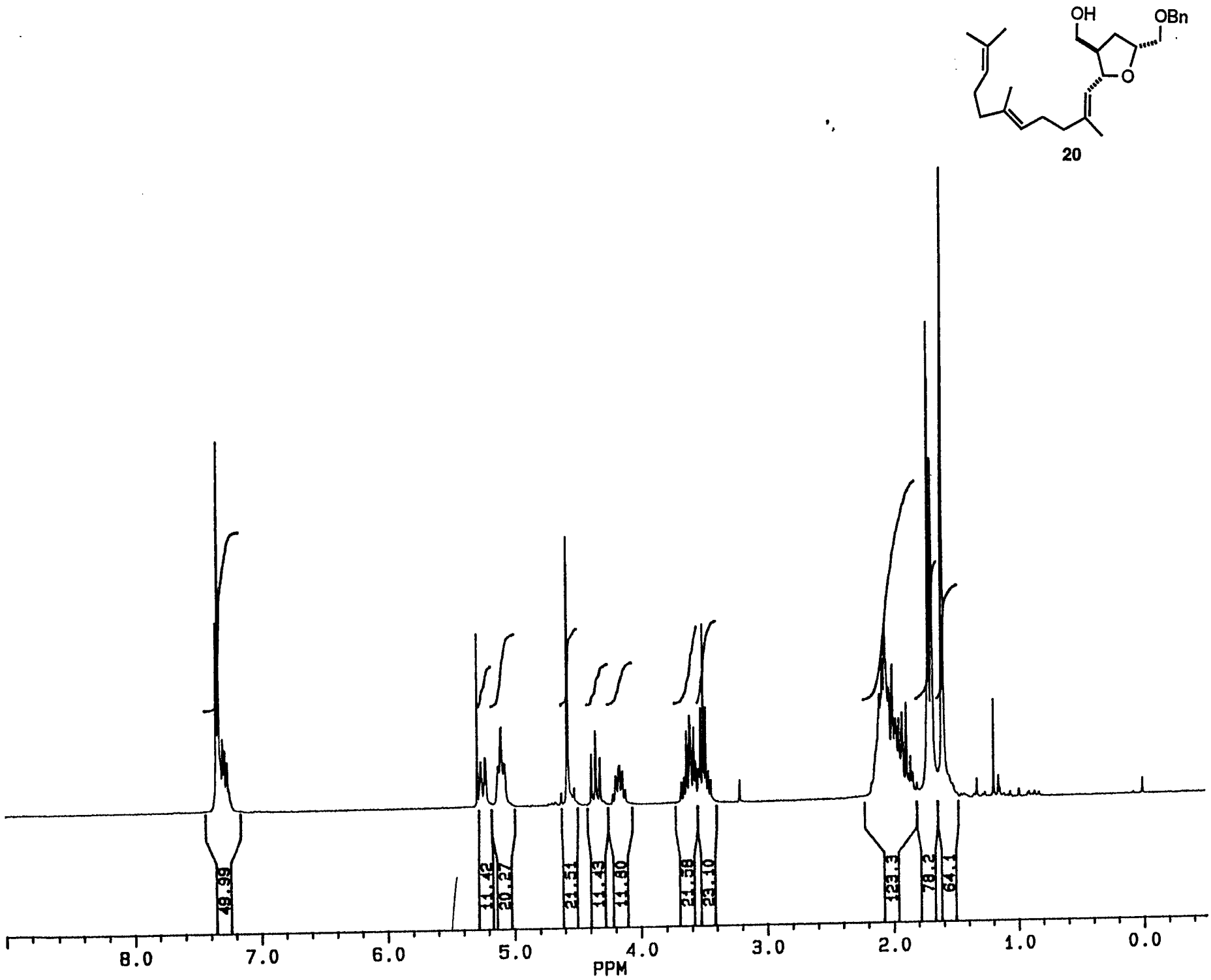

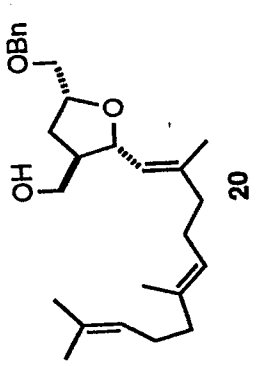

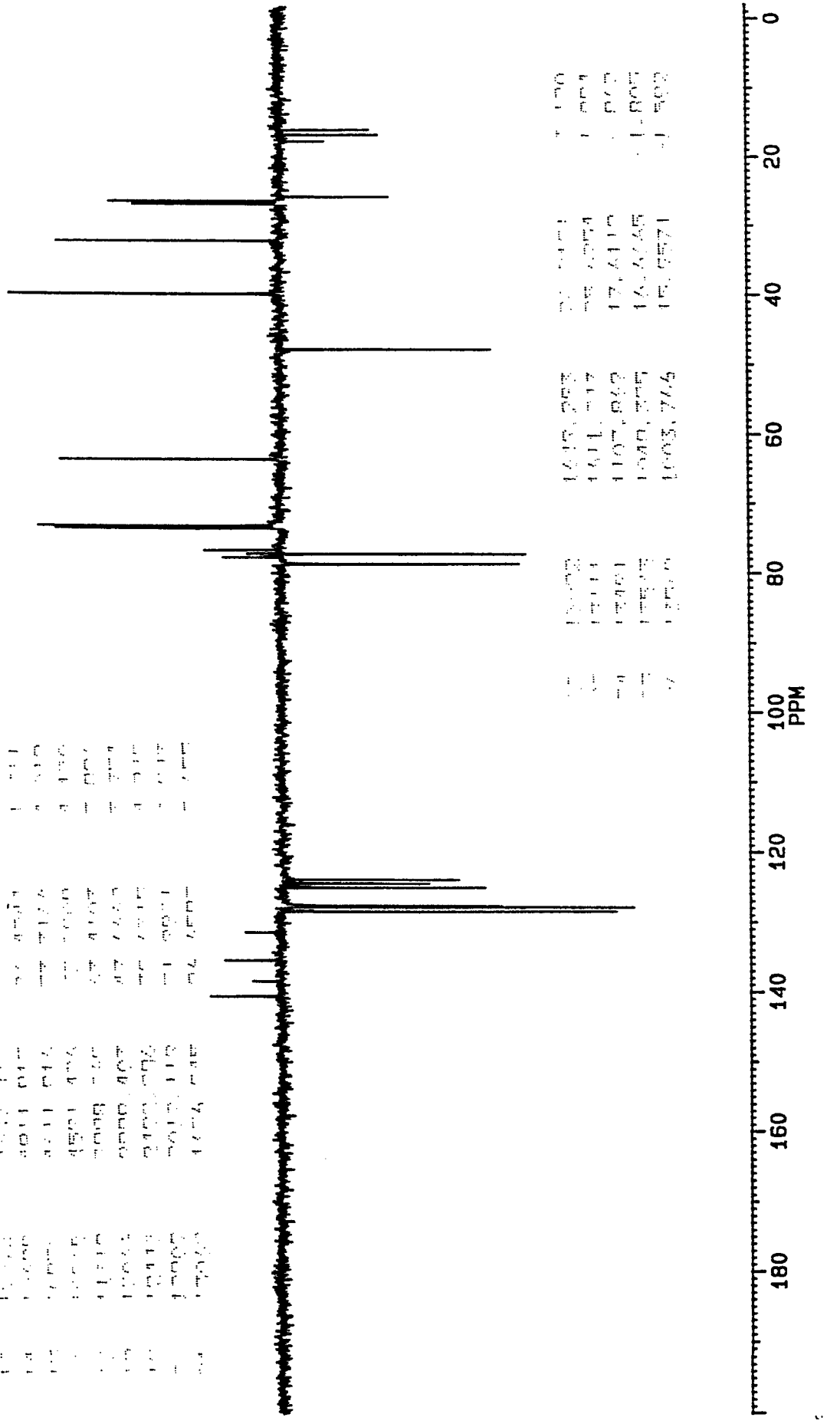

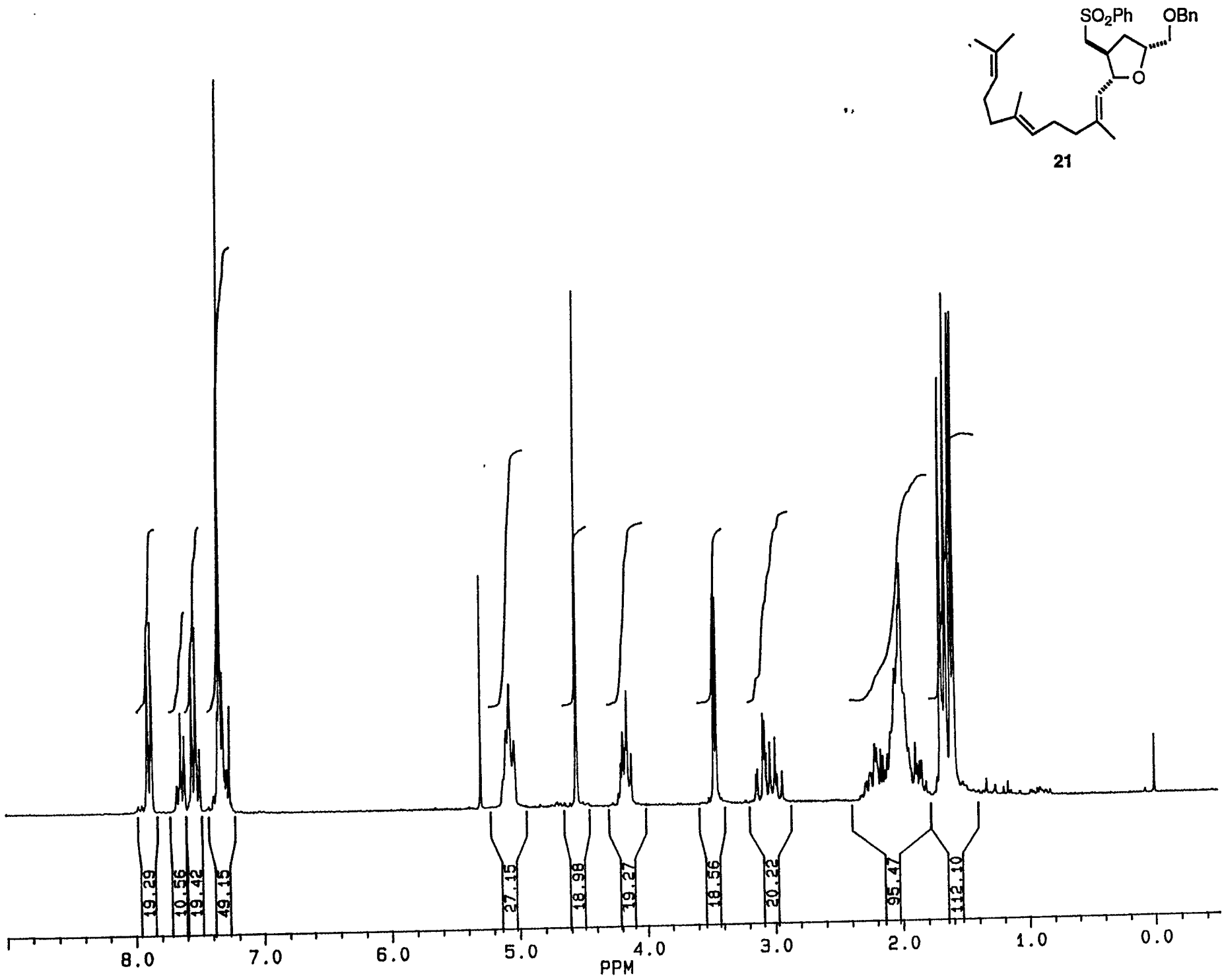

#	CURSOR	FREQUENCY	PPM	INTENSITY
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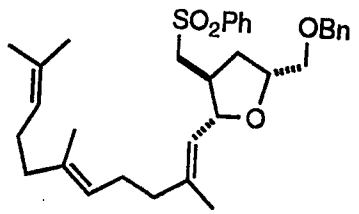
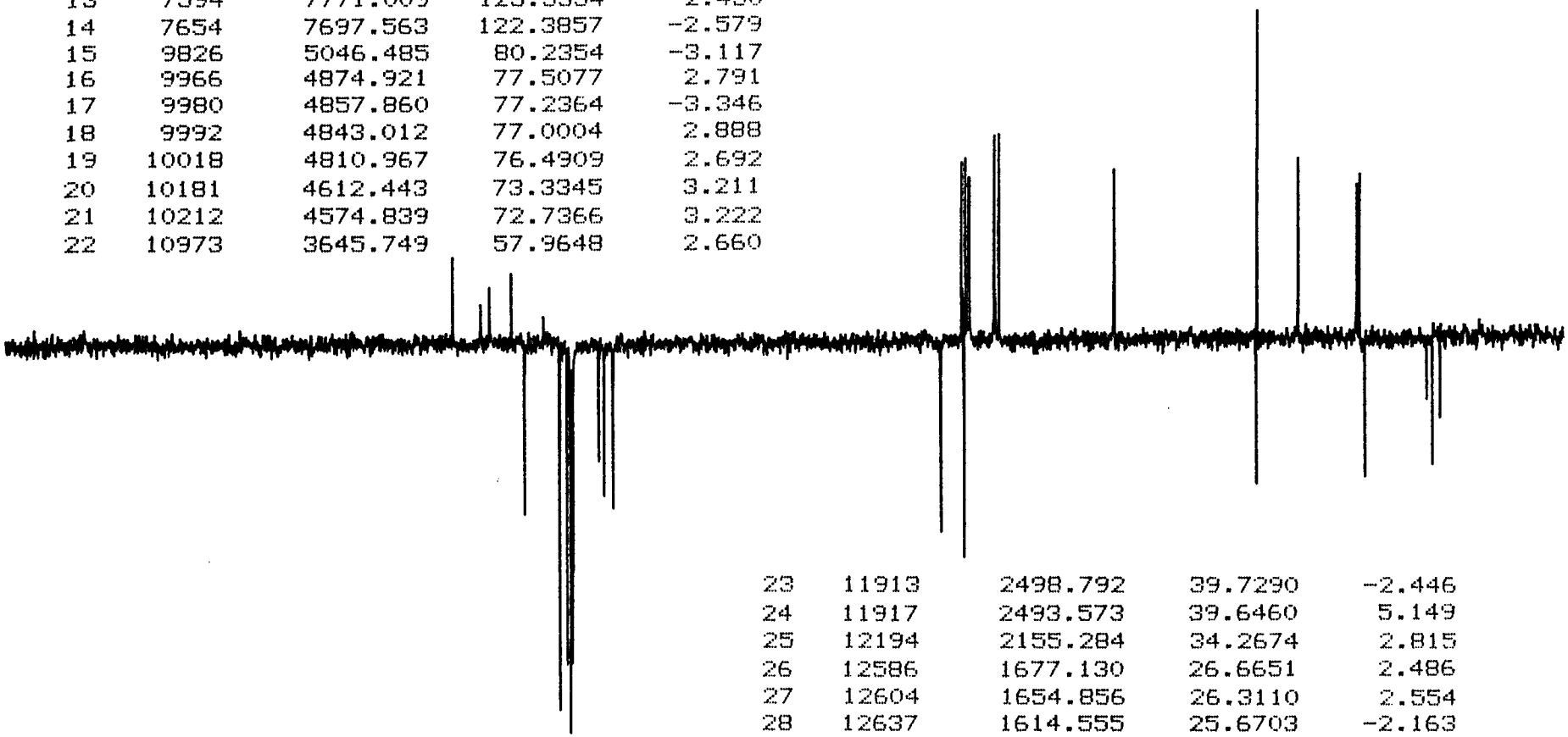
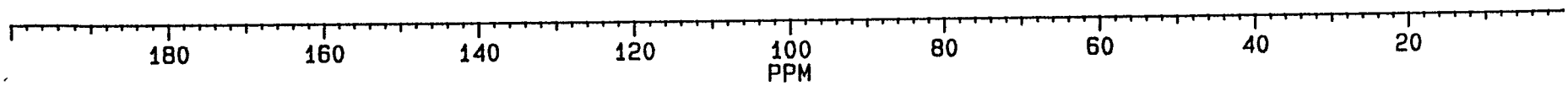
3	6839	8691.980	138.1962	.894
4	6983	8516.402	135.4046	1.097
5	7068	8412.172	133.7474	-2.742
6	7194	8258.281	131.3007	.464
7	7299	8130.365	129.2669	-5.755
8	7349	8069.721	128.3027	-4.970
9	7371	8042.879	127.8759	-6.029
10	7384	8026.538	127.6161	-5.072
11	7389	8020.707	127.5234	-3.534
12	7559	7813.555	124.2298	-1.837
13	7594	7771.009	123.5534	-2.450
14	7654	7697.563	122.3857	-2.579
15	9826	5046.485	80.2354	-3.117
16	9966	4874.921	77.5077	2.791
17	9980	4857.860	77.2364	-3.346
18	9992	4843.012	77.0004	2.888
19	10018	4810.967	76.4909	2.692
20	10181	4612.443	73.3345	3.211
21	10212	4574.839	72.7366	3.222
22	10973	3645.749	57.9648	2.660

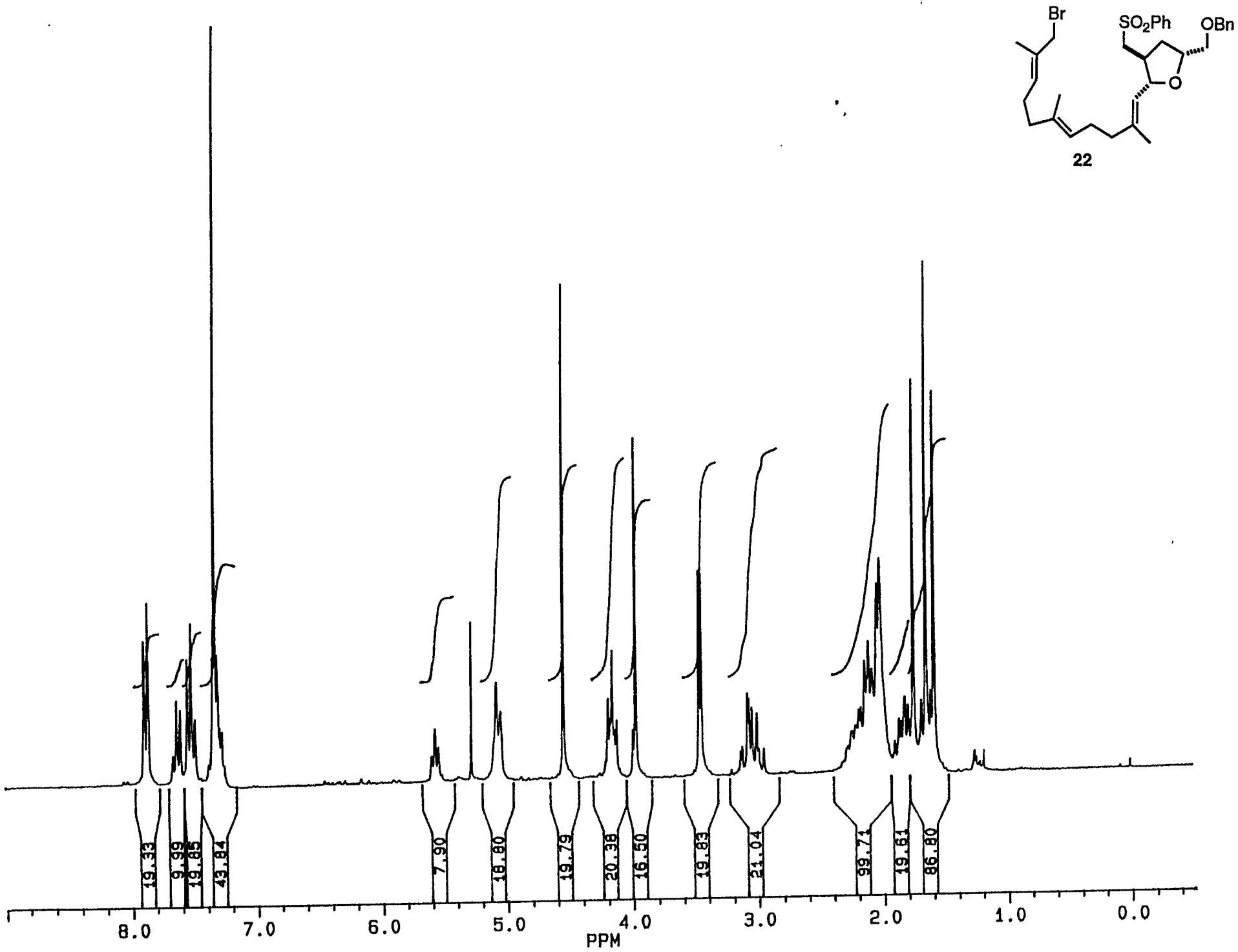


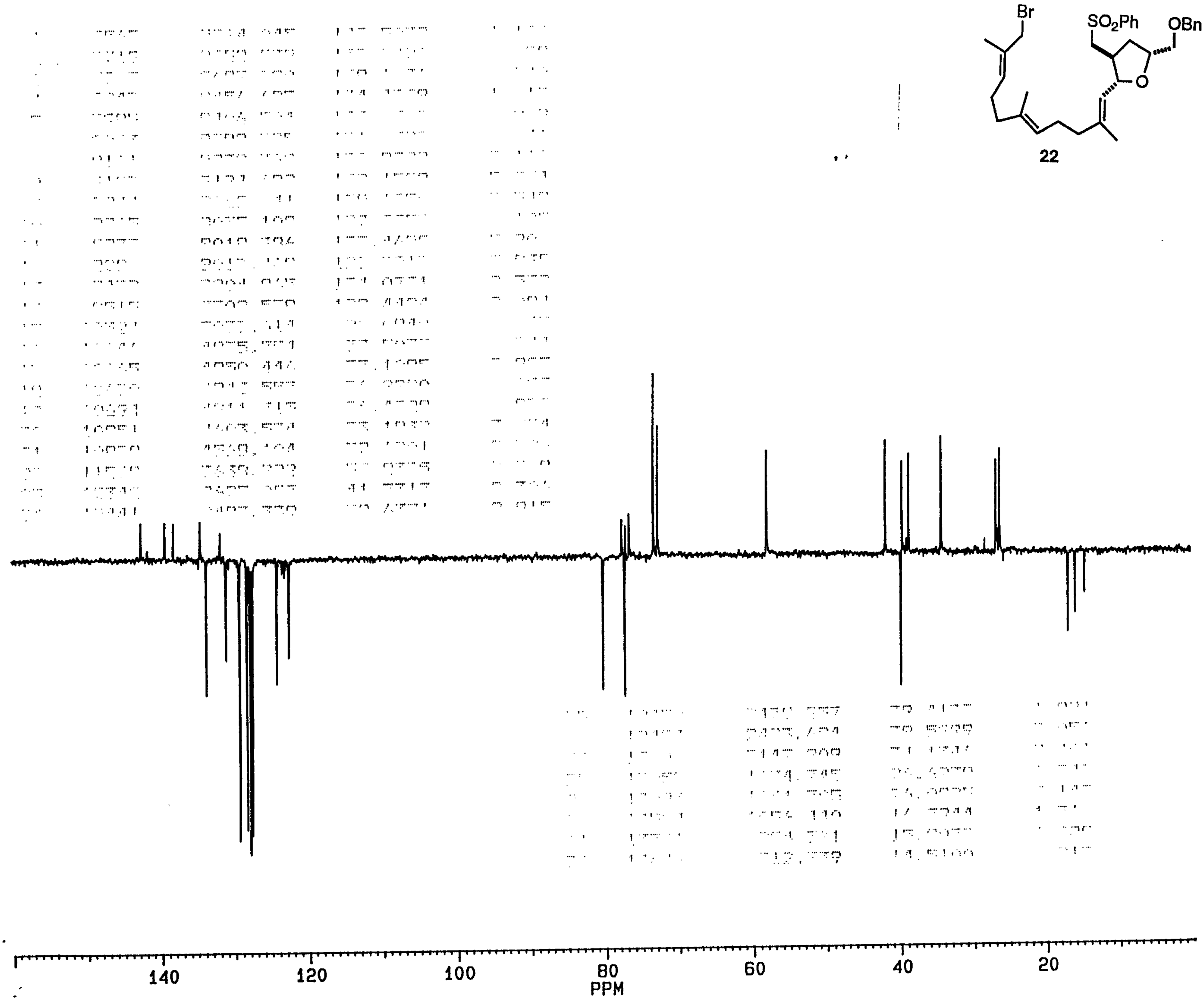
21

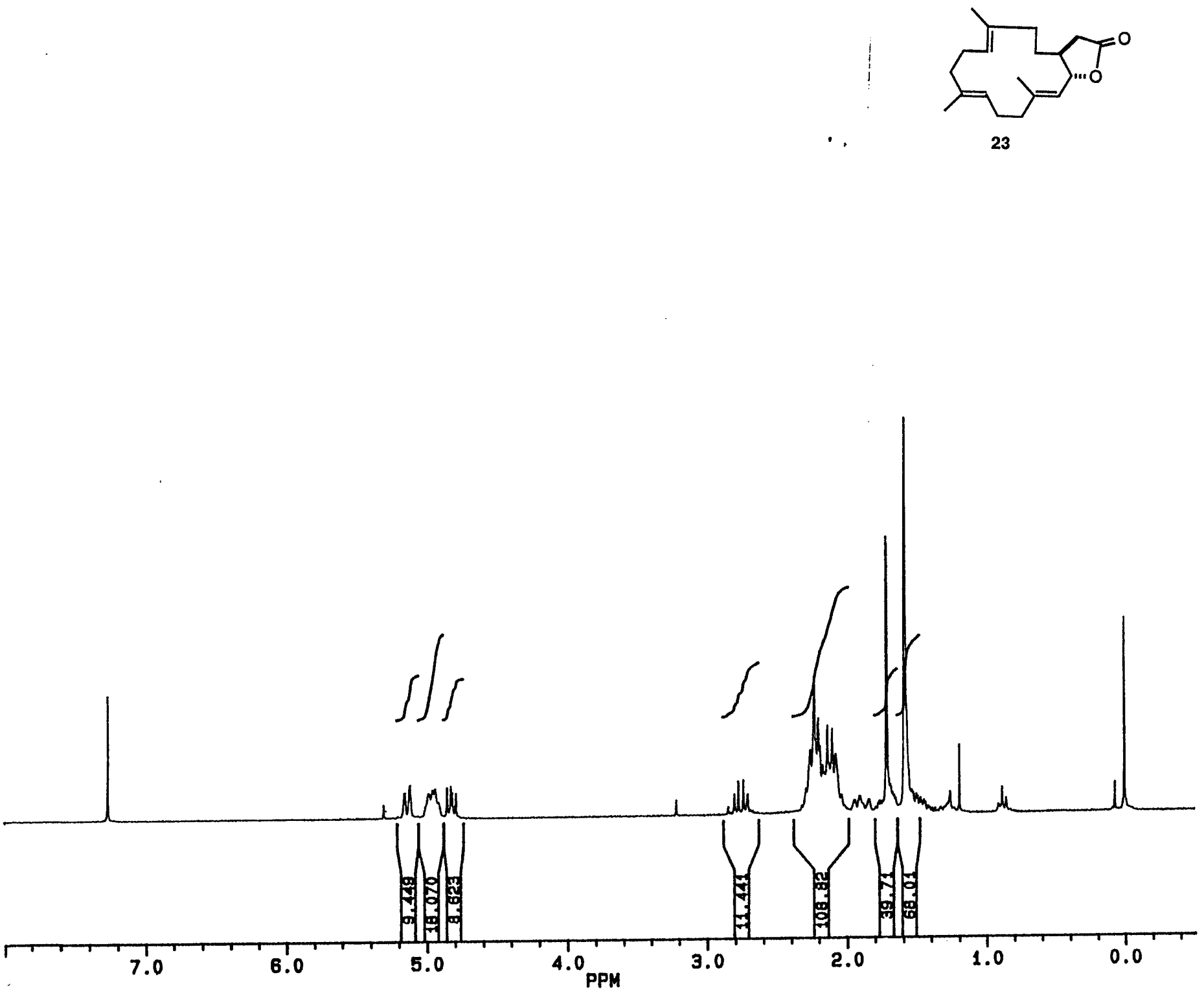


23	11913	2498.792	39.7290	-2.446
24	11917	2493.573	39.6460	5.149
25	12194	2155.284	34.2674	2.815
26	12586	1677.130	26.6651	2.486
27	12604	1654.856	26.3110	2.554
28	12637	1614.555	25.6703	-2.163
29	13050	1110.704	17.6594	-1.009
30	13088	1064.299	16.9216	-2.046
31	13137	1003.762	15.9591	-1.316









#	ADDRESS	FREQUENCY [Hz]	[PPM]	INTENSITY
1	8821.9	17841.592	177.3294	1.28
2	13175.3	14231.396	141.4473	2.09
3	14039.3	13514.872	134.3257	2.11
4	14278.9	13316.167	132.3507	2.56
5	15060.6	12667.926	125.9078	-5.52
6	15354.8	12423.957	123.4830	-5.44
7	15388.2	12396.259	123.2077	-5.72
8	20399.6	8240.364	81.9018	-5.88
9	20904.3	7821.876	77.7424	48.58
10	20942.9	7789.859	77.4242	50.00
11	20981.3	7757.985	77.1074	49.64
12	25426.4	4071.799	40.4700	-5.27
13	25556.1	3964.225	39.4008	4.10
14	25563.0	3958.514	39.3441	5.09
15	25627.0	3905.378	38.8159	4.97
16	25929.3	3654.731	36.3247	5.30
17	26063.0	3543.867	35.2228	4.78
18	26677.0	3034.655	30.1617	4.57
19	27171.1	2624.945	26.0896	3.97
20	27351.9	2475.020	24.5995	4.34

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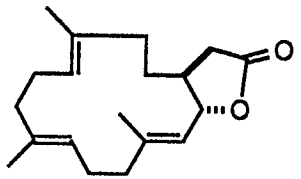

23

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E lactone
NO 1
CNO 1

- Acquisition Parameters

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TD	65536
SOLVENT	CDCl3
NS	6084
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SWH	27173.912 Hz
FIDRES	0.414641 Hz
AQ	1.2059124 sec
RG	2048
DW	18.400 usec
DE	4.50 usec
TE	300.0 K
D11	0.03000000 sec
PL12	18.00 dB
D1	6.00000000 sec
CPDPRG2	waltz16
PCPD2	95.00 usec
SFO2	400.1320007 MHz
NUC2	1H
PL2	120.00 dB
D13	0.00000300 sec
P1	10.50 usec
D20	0.00700000 sec
P2	21.00 usec
DE	4.50 usec
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NUC1	13C
PL1	0.00 dB

F2 - Processing parameters

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23	28166.5	1799.411	17.8845	-2.13
24	28250.1	1730.097	17.1956	-3.06
25	28439.0	1573.460	15.6388	-2.99
26	28571.0	1464.003	14.5509	-3.37
27	30162.7	144.027	1.4315	-1.05
28	30287.1	40.876	0.4063	-1.75

ppm 150 100 50 0

F2 -503.07 Hz
PPMCM 10.25000 ppm/cm
HZCM 1031.28064 Hz/cm