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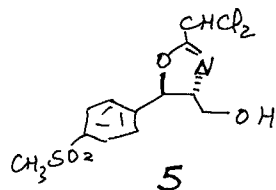
ACS Publications

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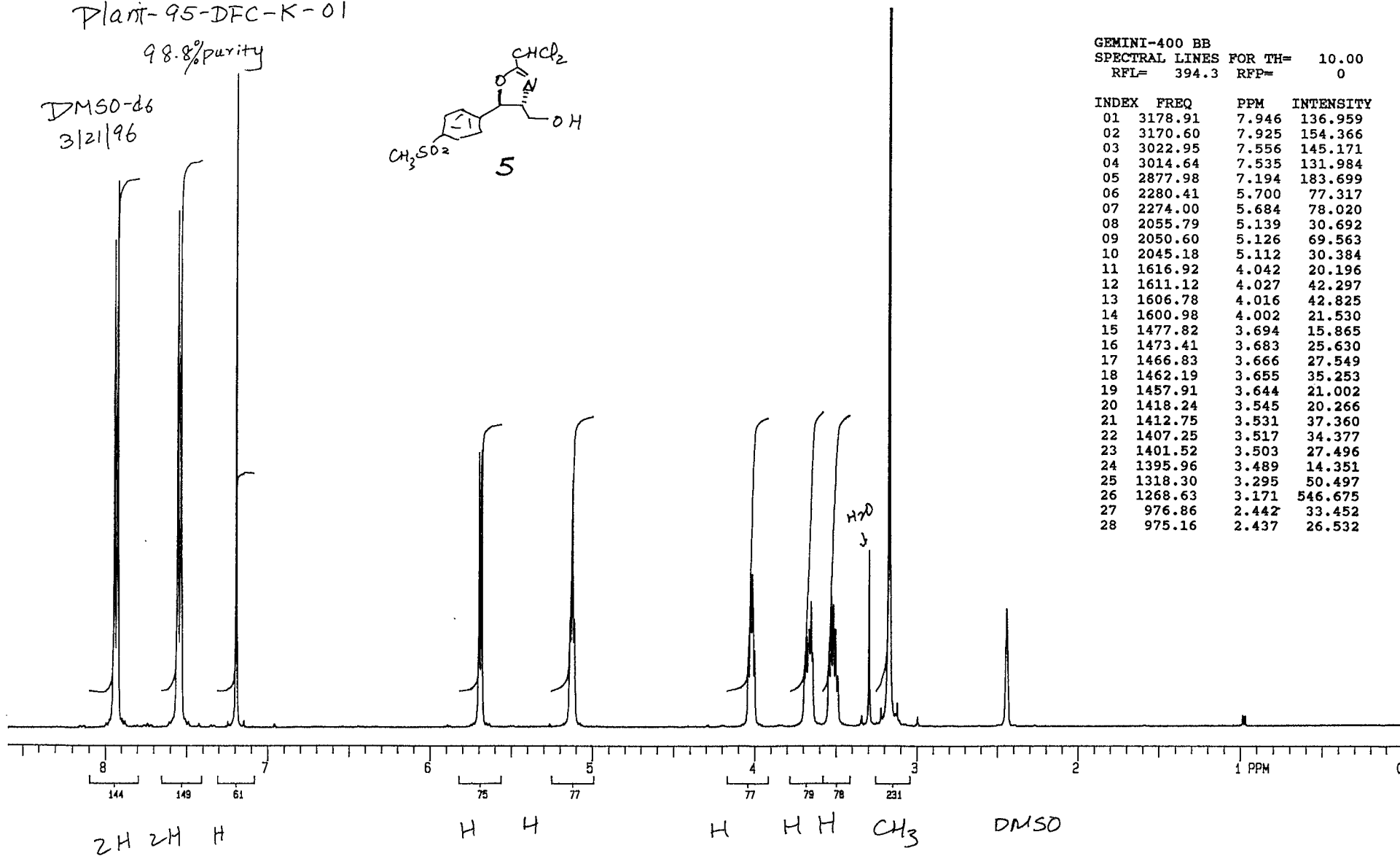
Plant-95-DFC-K-01

98.8% purity

DMSO-d6
3/21/96

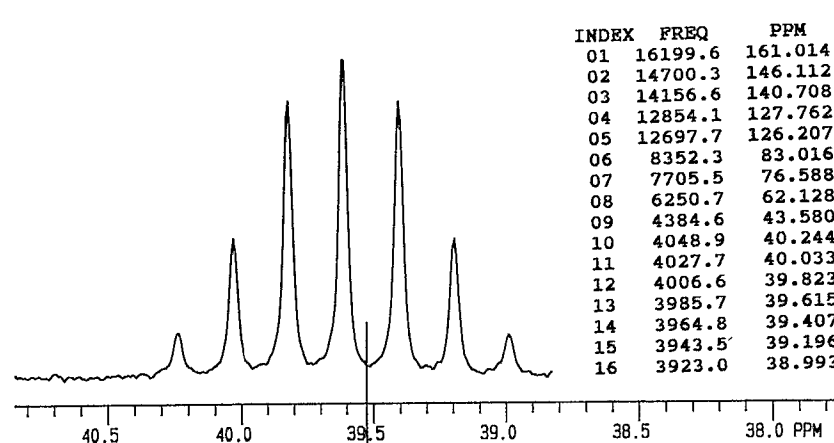
GEMINI-400 BB
SPECTRAL LINES FOR TH= 10.00
RFL= 394.3 RFP= 0

INDEX	FREQ	PPM	INTENSITY
01	3178.91	7.946	136.959
02	3170.60	7.925	154.366
03	3022.95	7.556	145.171
04	3014.64	7.535	131.984
05	2877.98	7.194	183.699
06	2280.41	5.700	77.317
07	2274.00	5.684	78.020
08	2055.79	5.139	30.692
09	2050.60	5.126	69.563
10	2045.18	5.112	30.384
11	1616.92	4.042	20.196
12	1611.12	4.027	42.297
13	1606.78	4.016	42.825
14	1600.98	4.002	21.530
15	1477.82	3.694	15.865
16	1473.41	3.683	25.630
17	1466.83	3.666	27.549
18	1462.19	3.655	35.253
19	1457.91	3.644	21.002
20	1418.24	3.545	20.266
21	1412.75	3.531	37.360
22	1407.25	3.517	34.377
23	1401.52	3.503	27.496
24	1395.96	3.489	14.351
25	1318.30	3.295	50.497
26	1268.63	3.171	546.675
27	976.86	2.442	33.452
28	975.16	2.437	26.532



GEMINI-400 BB
SPECTRAL LINES FOR TH= 5.55
RFL= 4956.1 RFP= 3964.0

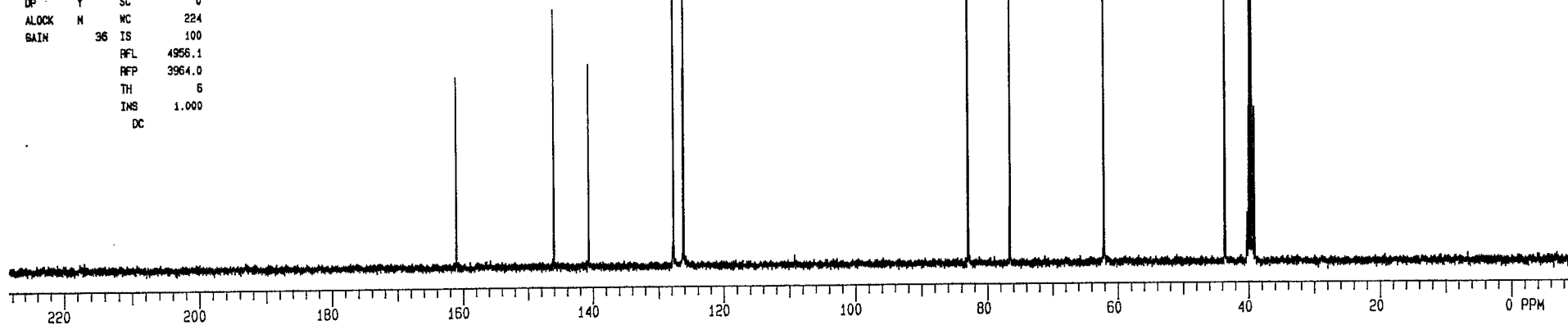
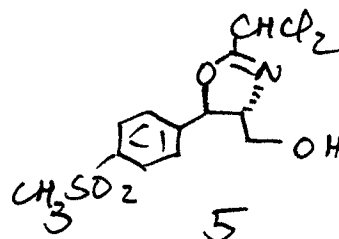
INDEX	FREQ	PPM	INTENSITY
01	16199.6	161.014	52.671
02	14700.3	146.112	64.576
03	14156.6	140.708	50.754
04	12854.1	127.762	202.232
05	12697.7	126.207	202.079
06	8352.3	83.016	93.893
07	7705.5	76.588	96.062
08	6250.7	62.128	140.537
09	4384.6	43.580	112.870
10	4048.9	40.244	12.337
11	4027.7	40.033	38.882
12	4006.6	39.823	77.626
13	3985.7	39.615	90.266
14	3964.8	39.407	77.334
15	3943.5	39.196	38.644
16	3923.0	38.993	11.545



GEMINI-400 BB
1H 5/M

EXP4 PULSE SEQUENCE: S2PUL
DATE 07-15-96 13:29:20
SOLVENT DMSO
FILE COMSO

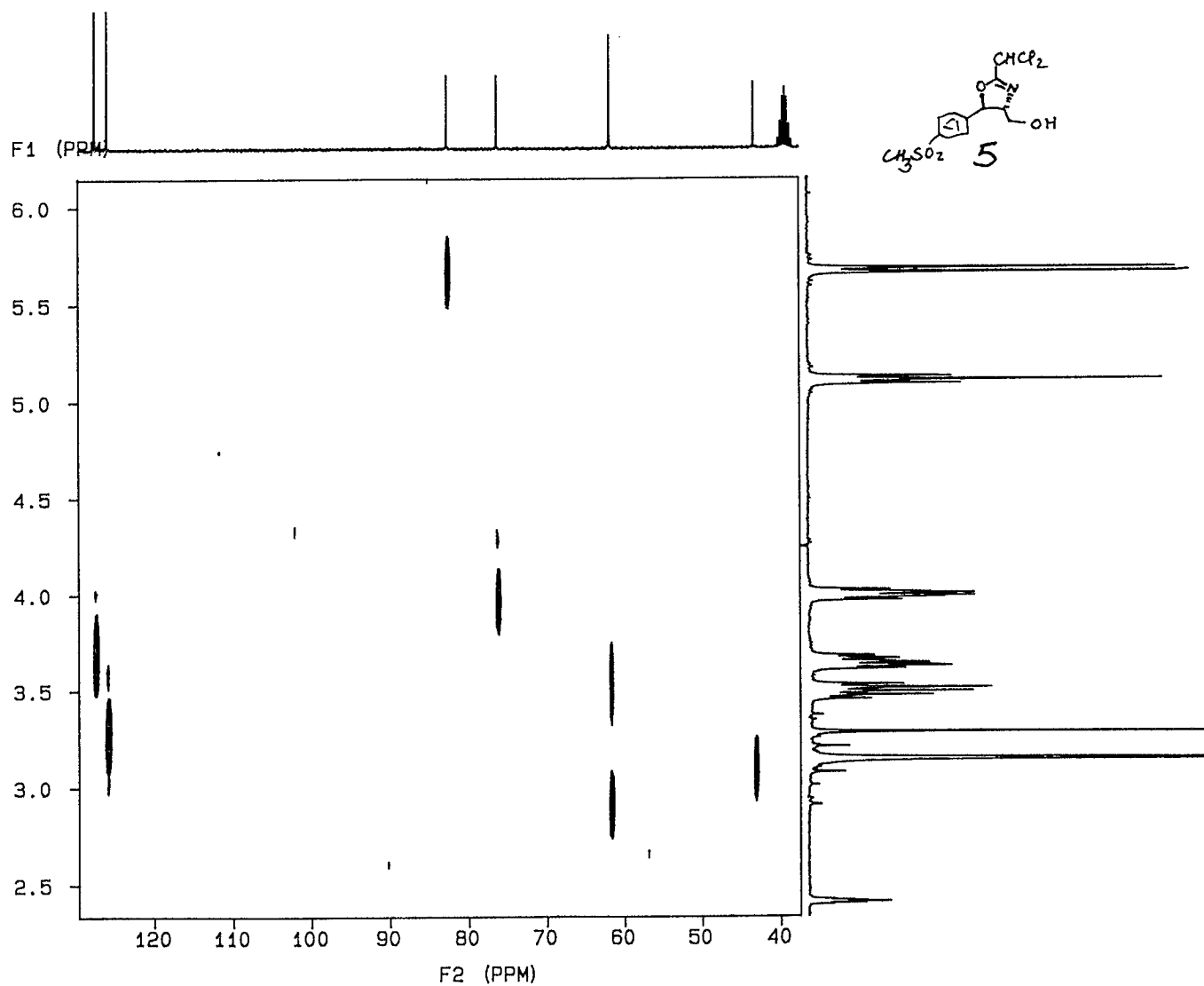
ACQUISITION DEC. & VT
TN 13.000 DM 1.000
SM 23980.8 DO 1500.0
AT 0.799 DM YYY
MP 38336 DMH M
PW 6.0 DMF 11400
P1 0 DHP 45.0
D1 0 PP 19.0
D2 0 PPLVL 58.0
TD 1200.0
HT 896 PROCESSING
CT 896 SE 0.318
TPMR 55.0 LB 1.000
PMSG 13.5 MATH I
FB 13200
BS 128 DISPLAY
SS 0 SP -992.1
IL N MP 23980.8
IN Y VS 200
DR Y SC 0
ALOCK N WC 224
GAIN 36 IS 100
RFL 4956.1
RFP 3964.0
TH 6
INS 1.000
DC



XL-300 CMR HETCOR
37194-B1
G. WU
96NCD1421

EXP7 PULSE SEQUENCE: HETCOR
DATE 07-17-96
SOLVENT DMSO
FILE HETCOR

ACQUISITION		DEC. & VT	
TN	13.250	DN	1.250
SM	10298.7	DO	0
AT	0.099	DM	NNY
NP	2048	DMM	CCS
PM	15.0	DMF	5800
P1	0	DHP	57.0
D1	1.000	DLP	4
D2	0	HOMO	N
TO	100	PP	17.8
NT	64		
CT	64	PROCESSING	
PW90	15.0	RE	0.006
SM2	1261.8	FN	2048
NI	64	AF	0.025
BS	128	MATH	F
SS	1	FN2	128
IL	N	RE2	0.003
IN	N	AF2	0.013
DP	N		
HS	NN	DISPLAY	
ALOCK	N	SP	2828.9
J1XH	140.0	WP	6946.3
JNXH	0	VS	110
PRESAT	N	SP2	701.0
HMULT	N	WP2	1141.6
SPIN	0	SC	15
GAIN	30.0	WC	170
		IS	500
		RFL	605.0
		RFP	2964.7
		TH	3
		SC2	100
		WC2	170
		INS	1.000
		RFL2	-599.8
		RFP2	0
		AI	AV



Hetcor

CHANNEL A INJECT 11/25/91 17:11:11 STORED TO BIN # 101

AZ 1

HPLC conditions

Mobile phase for tosylation:

H₂O/MeOH/MeCN = 2/1/1 plus 1 g KH₂PO₄/liter

Mobile phase for isomerization:

H₂O/MeOH/MeCN = 4/2/1 plus 1 g KH₂PO₄/liter

Flow rate: 1.0 ml/min

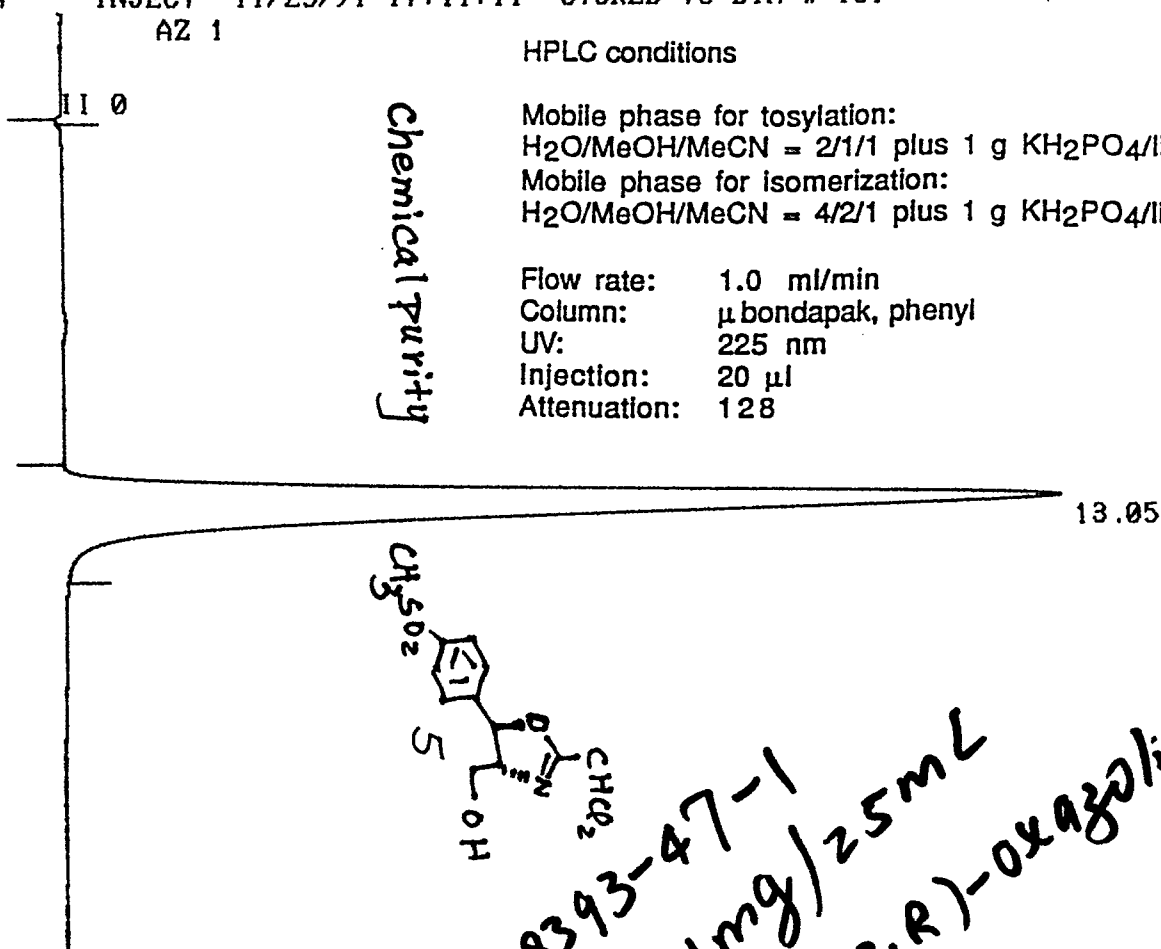
Column: μ bondapak, phenyl

UV: 225 nm

Injection: 20 μ l

Attenuation: 128

Chemical Purity



DATA SAVED TO BIN # 101

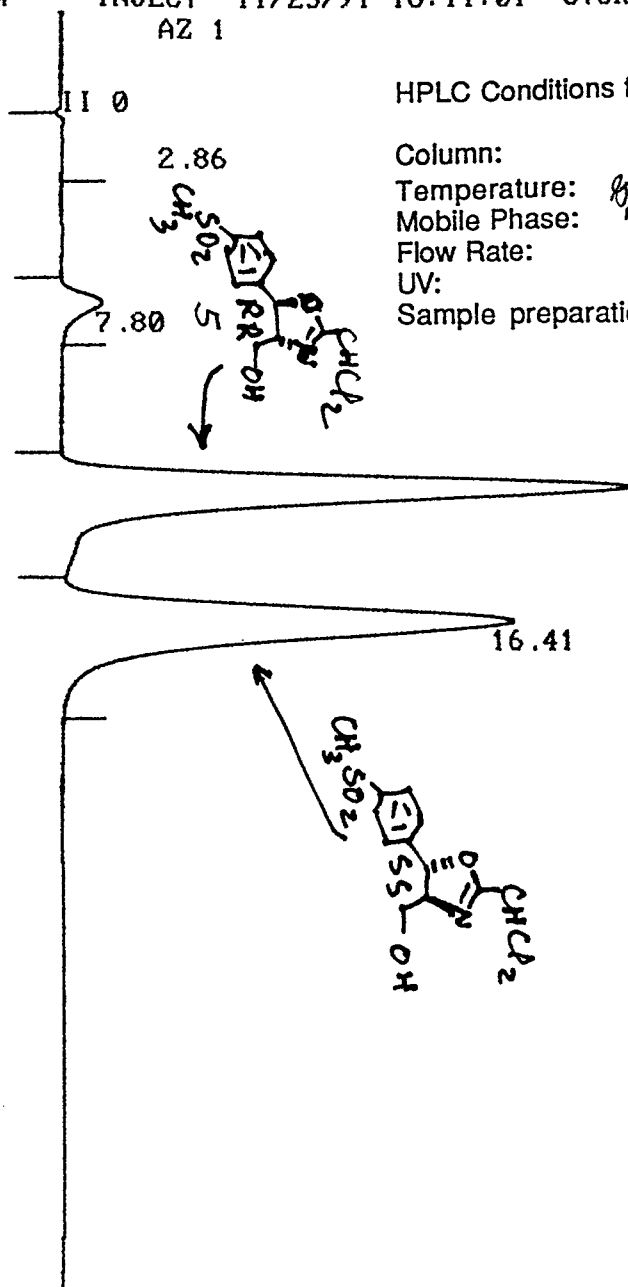
WU 11/25/91 17:11:11 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 239 INDEX 239 BIN 101

PEAK#	AREA%	RT	AREA BC
1	100.	13.05	2265582 01
TOTAL	100.		2265582

223

CHANNEL A INJECT 11/25/91 16:11:01 STORED TO BIN # 100
AZ 1



HPLC Conditions for the Chiral Assay of DFC-K and DFC-KK

Column: J. T. Baker Chiralcel OJ. 25 cm X 4.6 mm ID
Temperature: ~~25°C~~ (39°C is recommended by PACRD)
Mobile Phase: Hexane/Isopropanol/Acetonitrile = 69/30/1
Flow Rate: 1.0 mL/min
UV: 225 nm
Sample preparation: 20 mg/100 mL dissolved in mobile phase

12.84 *R,R*
S,S-oxazoline

222

25703-56-2 + 2078-147
1:1

DATA SAVED TO BIN # 100

WU 11/25/91 16:11:01 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 238 INDEX 238 BIN 100

PEAK#	AREA%	RT	AREA BC
1	0.583	2.86	15995 01
2	2.621	7.8	71905 01
3	47.55	12.84	1304383 02
4	49.246	16.41	1350927 03

TOTAL 100. 2743210

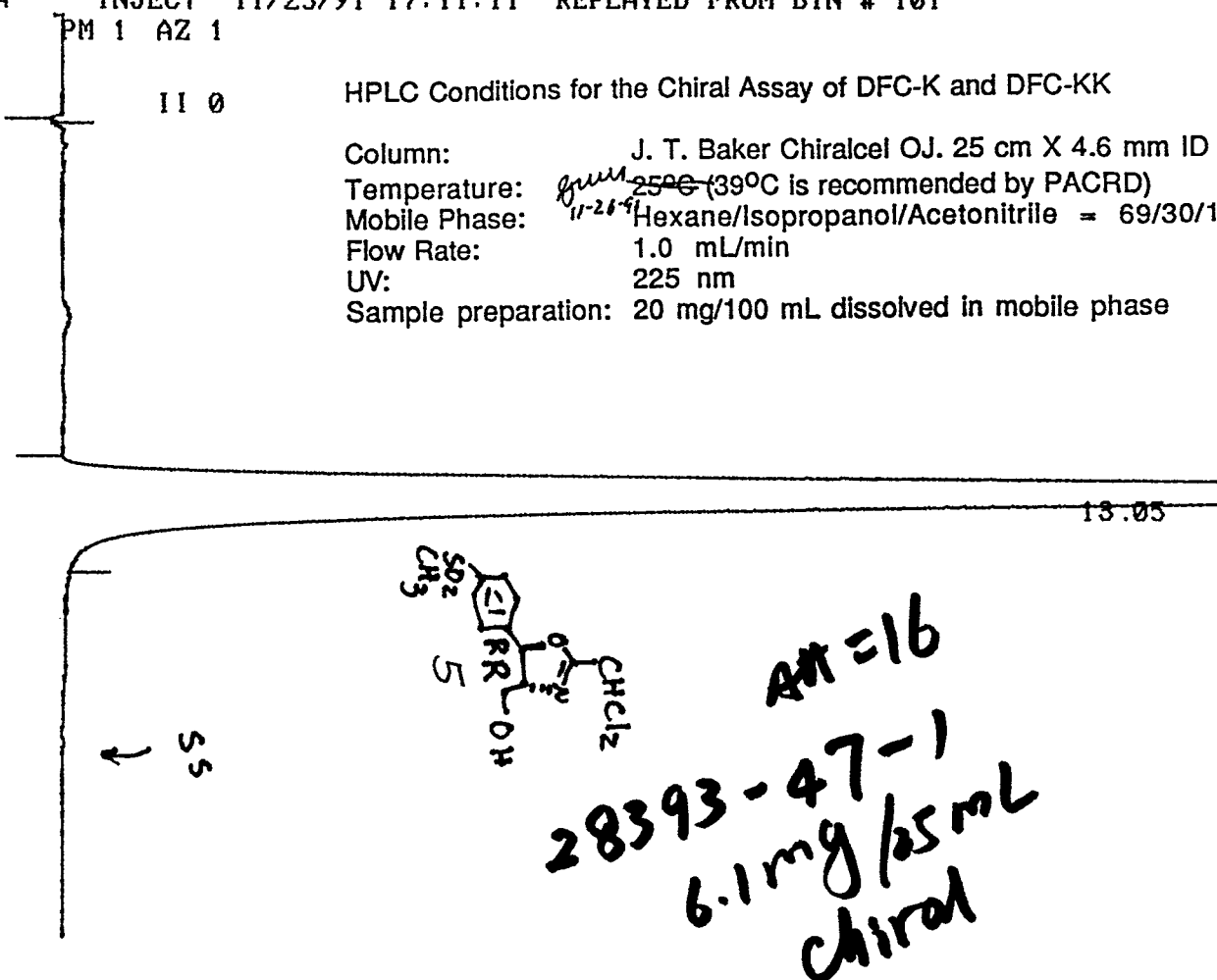
CHANNEL A INJECT 11/25/91 17:11:11 REPLAYED FROM BIN # 101

PM 1 AZ 1

11 0

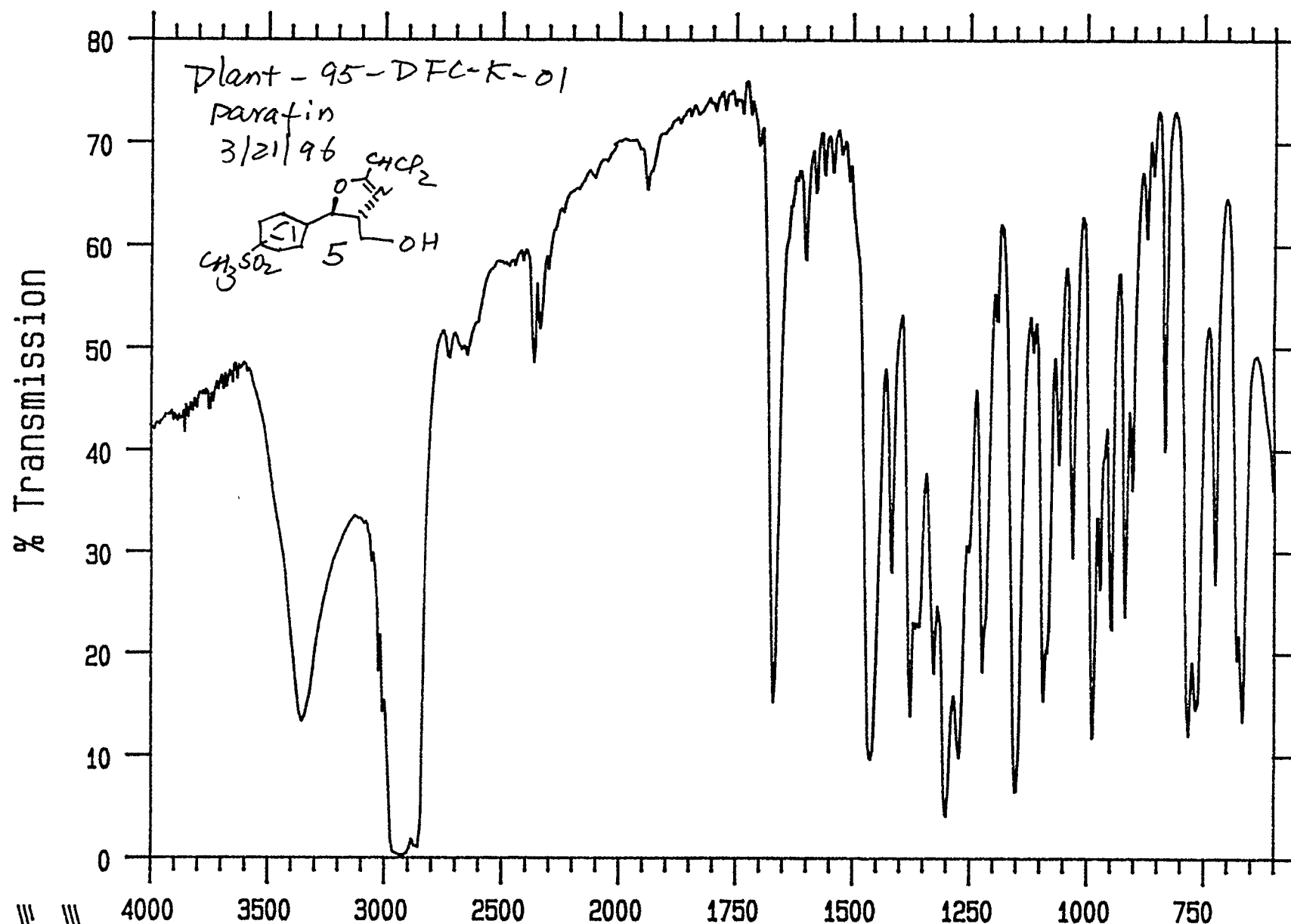
HPLC Conditions for the Chiral Assay of DFC-K and DFC-KK

Column: J. T. Baker Chiralcel OJ. 25 cm X 4.6 mm ID
 Temperature: ~~250~~ 39°C (39°C is recommended by PACRD)
 Mobile Phase: ~~11-26-91~~ Hexane/Isopropanol/Acetonitrile = 69/30/1
 Flow Rate: 1.0 mL/min
 UV: 225 nm
 Sample preparation: 20 mg/100 mL dissolved in mobile phase



WU 11/25/91 17:11:11 CH= "A" PS= 1.

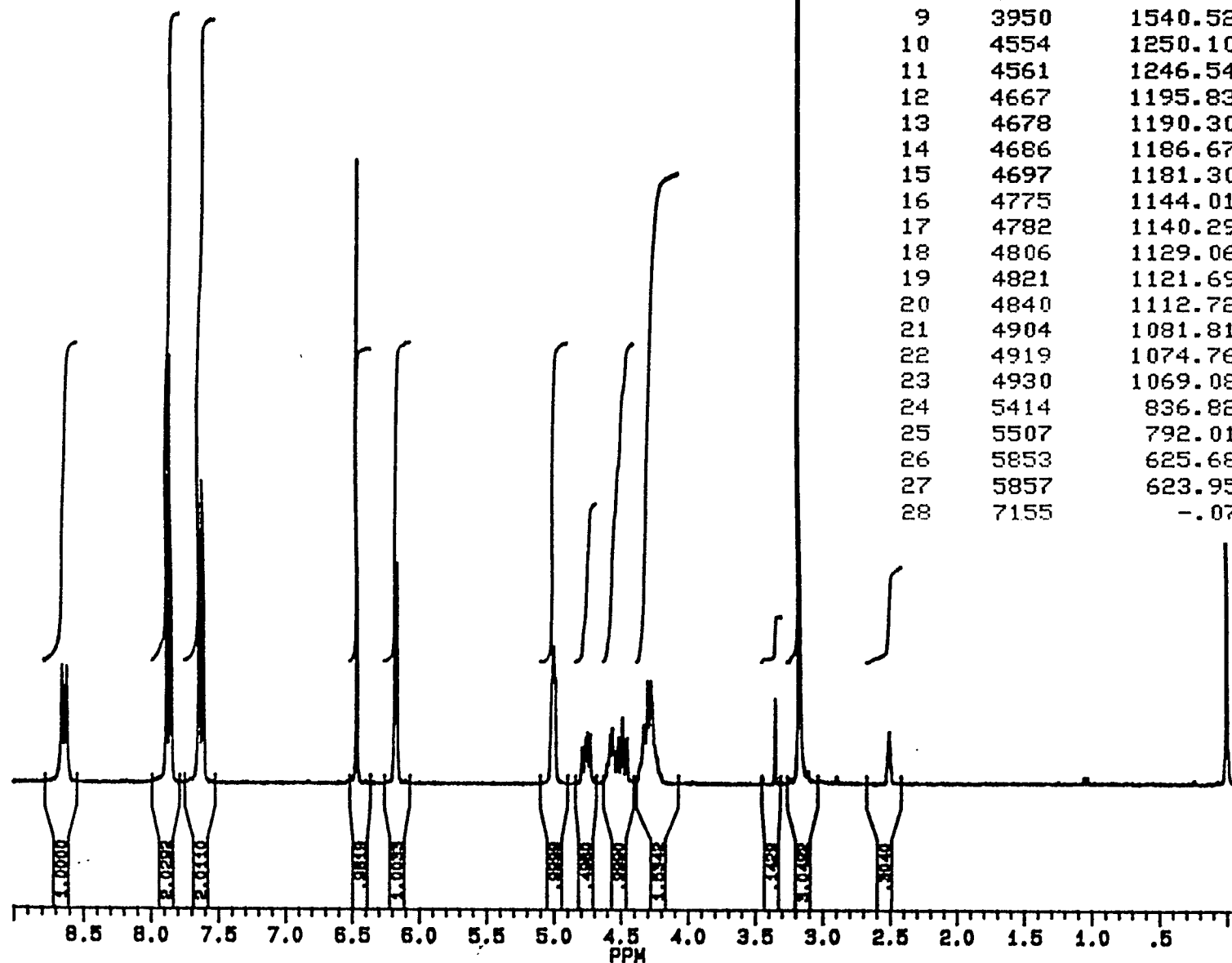
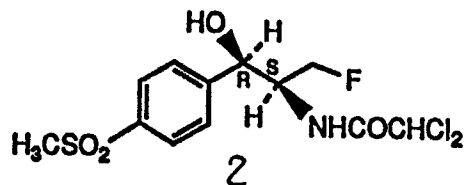
FILE	1.	METHOD	0.	RUN	245	INDEX	245	BIN	101
PEAK#		AREA%		RT		AREA	BC		
1	100.		13.05	2265582	01				
TOTAL	100.			2265582					



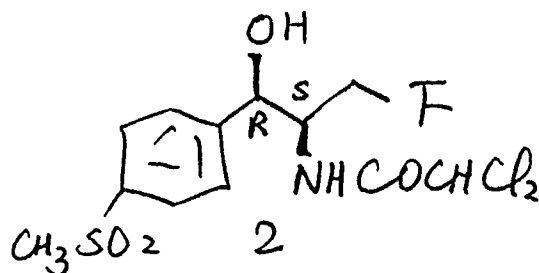
signal gain : 1
scans : 16

Wavenumber
March 21 '96 17:29

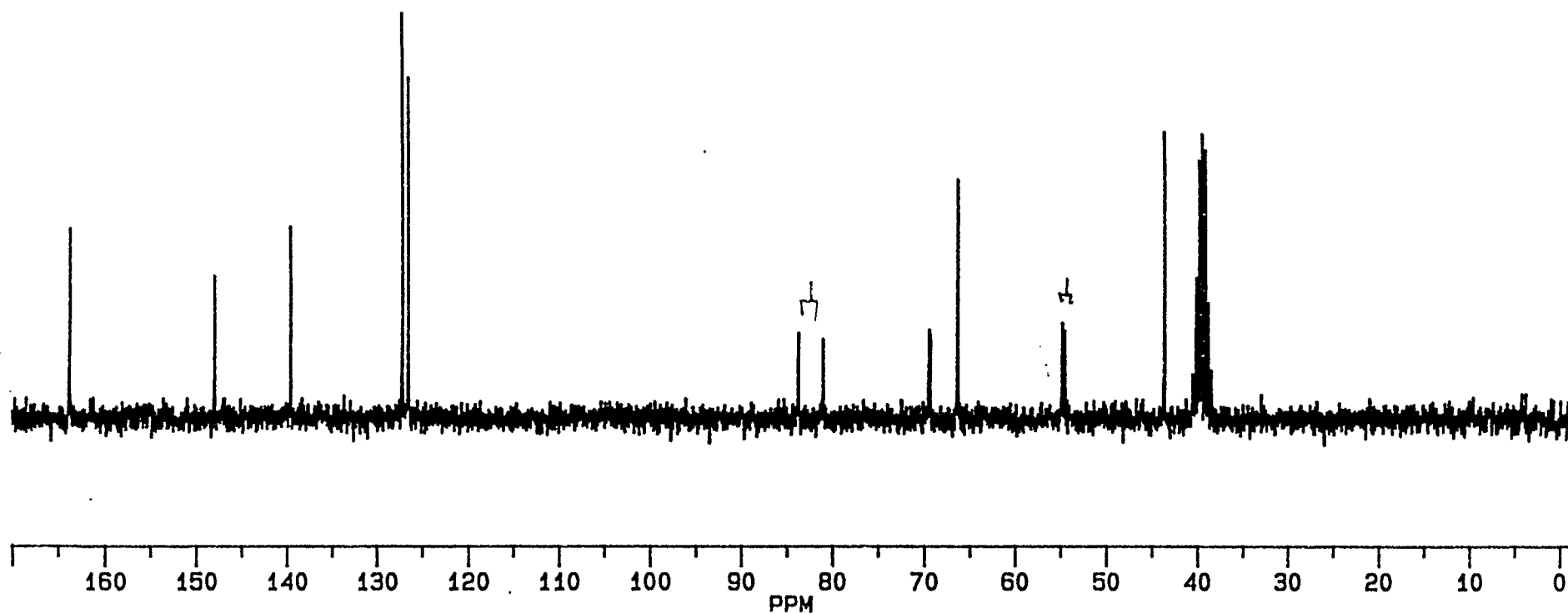
resolution : 4 cm⁻¹
detector : DTGS KBr

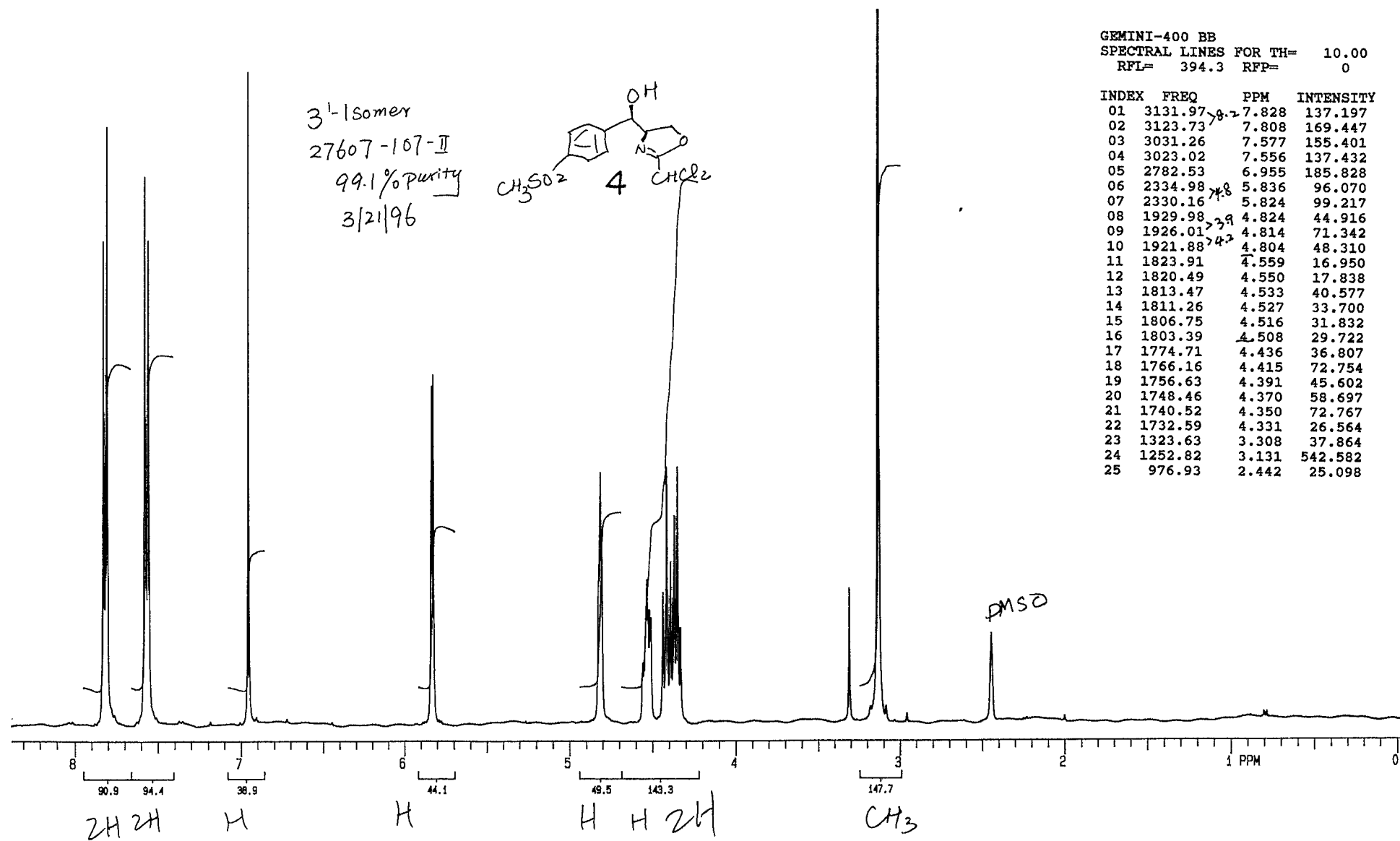


1	2649	2165.589	8.6577	1.923
2	2667	2156.783	8.6225	1.910
3	3056	1970.104	7.8762	5.624
4	3073	1961.863	7.8432	7.011
5	3180	1910.457	7.6377	6.632
6	3197	1902.227	7.6048	4.935
7	3793	1615.839	6.4599	10.311
8	3940	1544.928	6.1764	3.670
9	3950	1540.523	6.1588	3.743
10	4554	1250.105	4.9977	2.250
11	4561	1246.548	4.9835	1.724
12	4667	1195.831	4.7808	.598
13	4678	1190.307	4.7587	.737
14	4686	1186.678	4.7442	.840
15	4697	1181.303	4.7227	.817
16	4775	1144.015	4.5736	.822
17	4782	1140.295	4.5587	.926
18	4806	1129.061	4.5138	.765
19	4821	1121.693	4.4844	1.088
20	4840	1112.723	4.4485	.755
21	4904	1081.813	4.3249	.972
22	4919	1074.761	4.2967	1.701
23	4930	1069.080	4.2740	1.707
24	5414	836.829	3.3455	1.449
25	5507	792.018	3.1664	23.346
26	5853	625.688	2.5014	.859
27	5857	623.958	2.4945	.626
28	7155	-.079	-.0003	11.090



#	CURSOR	FREQUENCY	PPM	INTENSITY
1	2007	10300.652	163.7720	2.998
2	2545	9306.013	147.9581	2.327
3	2830	8778.441	139.5701	3.027
4	3251	7999.851	127.1912	6.417
5	3273	7959.488	126.5494	5.517
6	4729	5266.319	83.7302	1.355
7	4821	5096.074	81.0235	1.250
8	5215	4366.820	69.4289	1.431
9	5322	4169.376	66.2897	3.754
10	5712	3448.068	54.8215	1.507
11	5723	3427.993	54.5023	1.405
12	6093	2743.376	43.6175	4.520
13	6210	2527.062	40.1782	2.227
14	6221	2506.261	39.8475	4.120
15	6233	2484.900	39.5079	4.618
16	6244	2464.108	39.1773	4.229
17	6255	2443.387	38.8479	1.843





GEMINI-400 BB
 1H S/N
 0.1% ETHYL-BENZENE IN CDCL3

EXP4 PULSE SEQUENCE: S2PUL
 DATE 03-21-96 18:52:46
 SOLVENT DMSO
 FILE COMSO

ACQUISITION DEC. & VT
 TN 13.000 DN 1.000
 SN 23980.8 DO 1600.0
 AT 0.799 DM YYY
 NP 38336 DMH W
 PW 6.0 DMF 11400
 P1 0 DHP 45.0
 D1 0 PP 19.0
 D2 0 PPLYL 58.0
 TO 1200.0

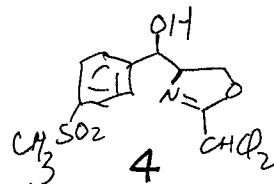
NT 896 PROCESSING
 CT 896 SE 0.3181
 TMR 55.0 LB 1.000
 PW90 13.5 MATH I
 FB 13200
 BS 128 DISPLAY
 SS 0 SP -995.8
 IL N NP 23980.8
 IN Y VS 140
 DP Y SC 0
 ALOCK N MC 400
 GAIN 36 IS 100
 RFL 4959.8
 RFP 3964.0
 TH 25
 DHS 1.000
 DC

27607-107-II

99.1% purity

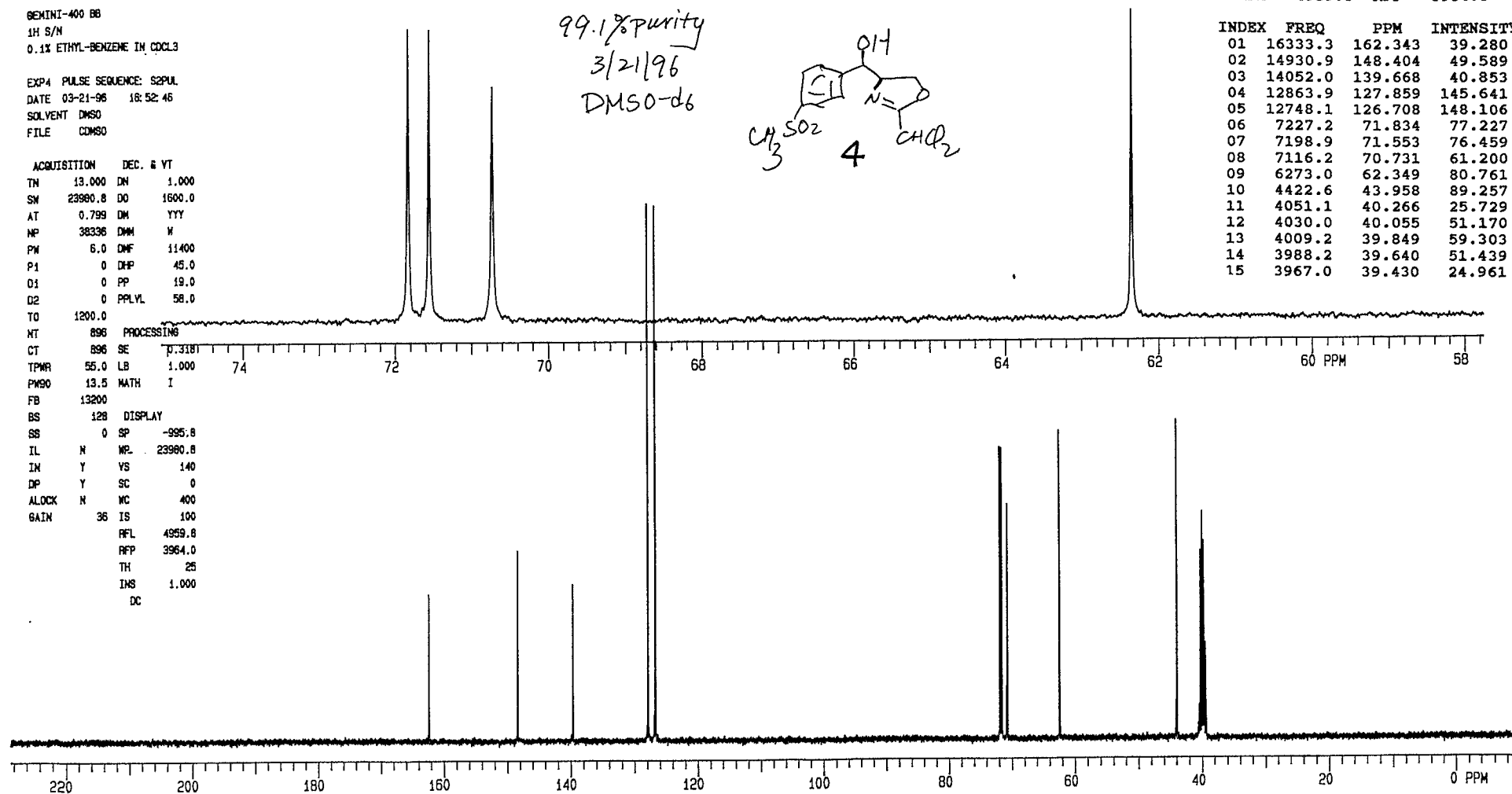
3/21/96

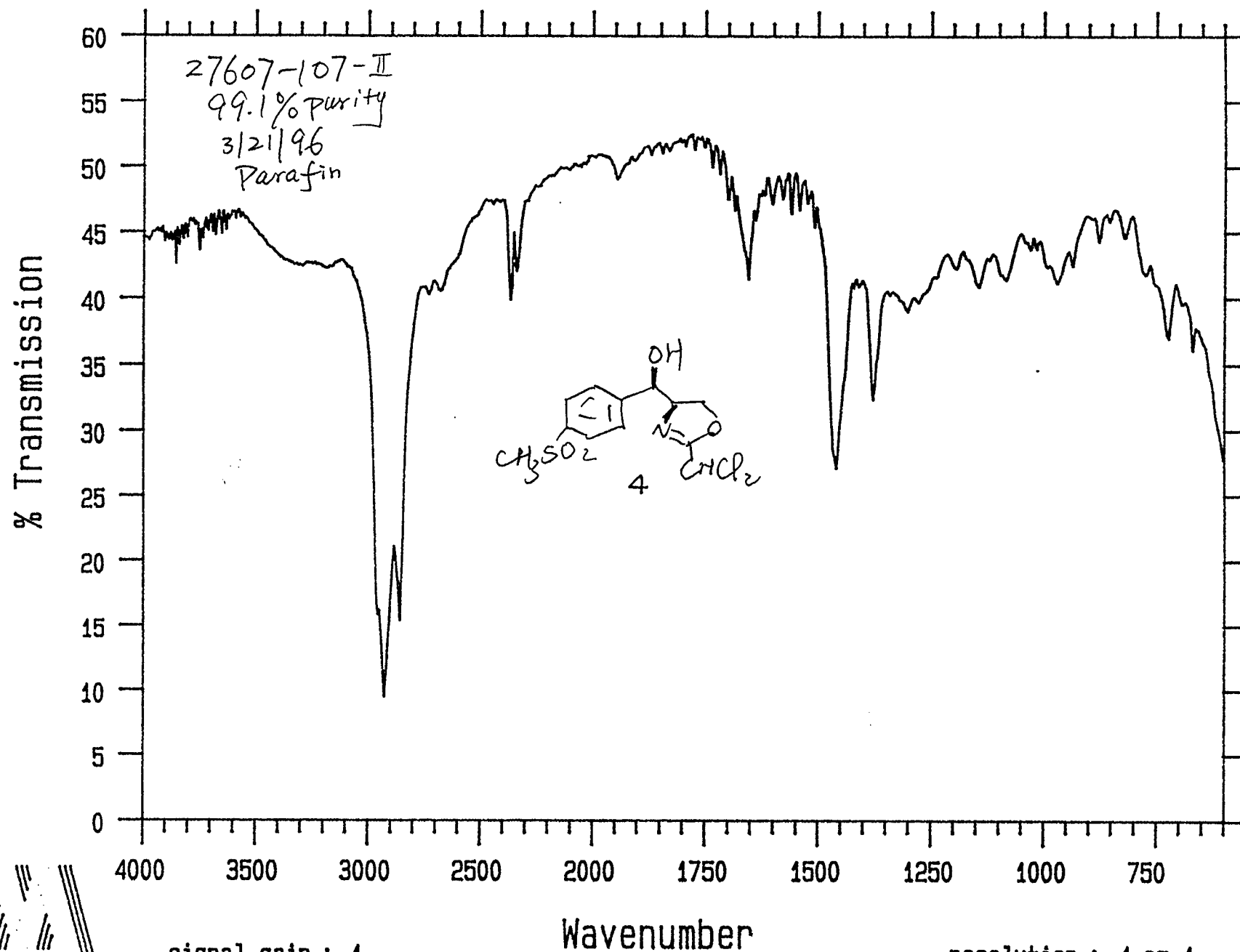
DMSO-d6



GEMINI-400 BB
 SPECTRAL LINES FOR TH= 18.62
 RFL= 4959.8 RFP= 3964.0

INDEX	FREQ	PPM	INTENSITY
01	16333.3	162.343	39.280
02	14930.9	148.404	49.589
03	14052.0	139.668	40.853
04	12863.9	127.859	145.641
05	12748.1	126.708	148.106
06	7227.2	71.834	77.227
07	7198.9	71.553	76.459
08	7116.2	70.731	61.200
09	6273.0	62.349	80.761
10	4422.6	43.958	89.257
11	4051.1	40.266	25.729
12	4030.0	40.055	51.170
13	4009.2	39.849	59.303
14	3988.2	39.640	51.439
15	3967.0	39.430	24.961

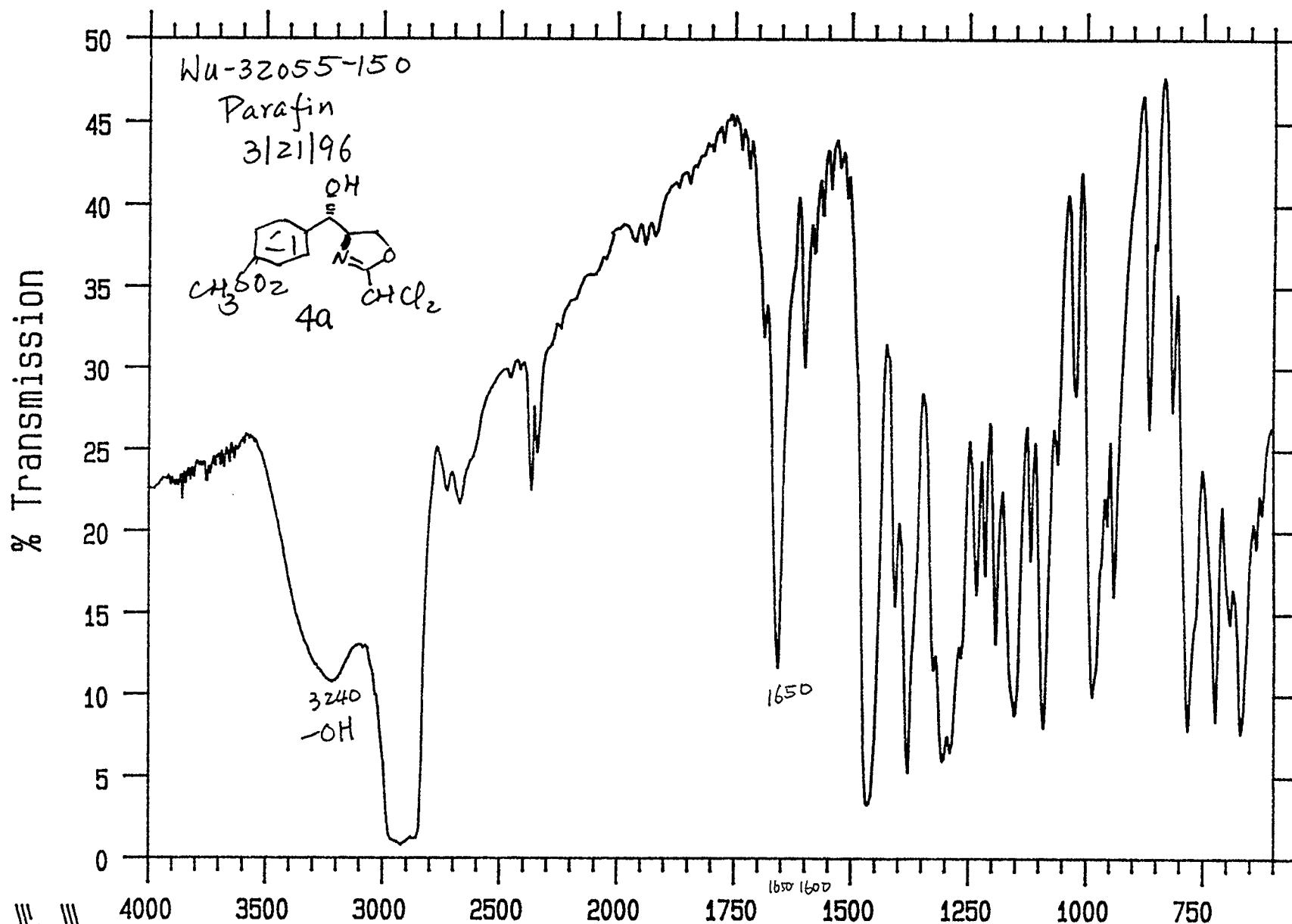




signal gain : 1
scans : 16

March 21 '96 18:32

resolution : 4 cm⁻¹
detector : DT6S KBr



signal gain : 1
scans : 16

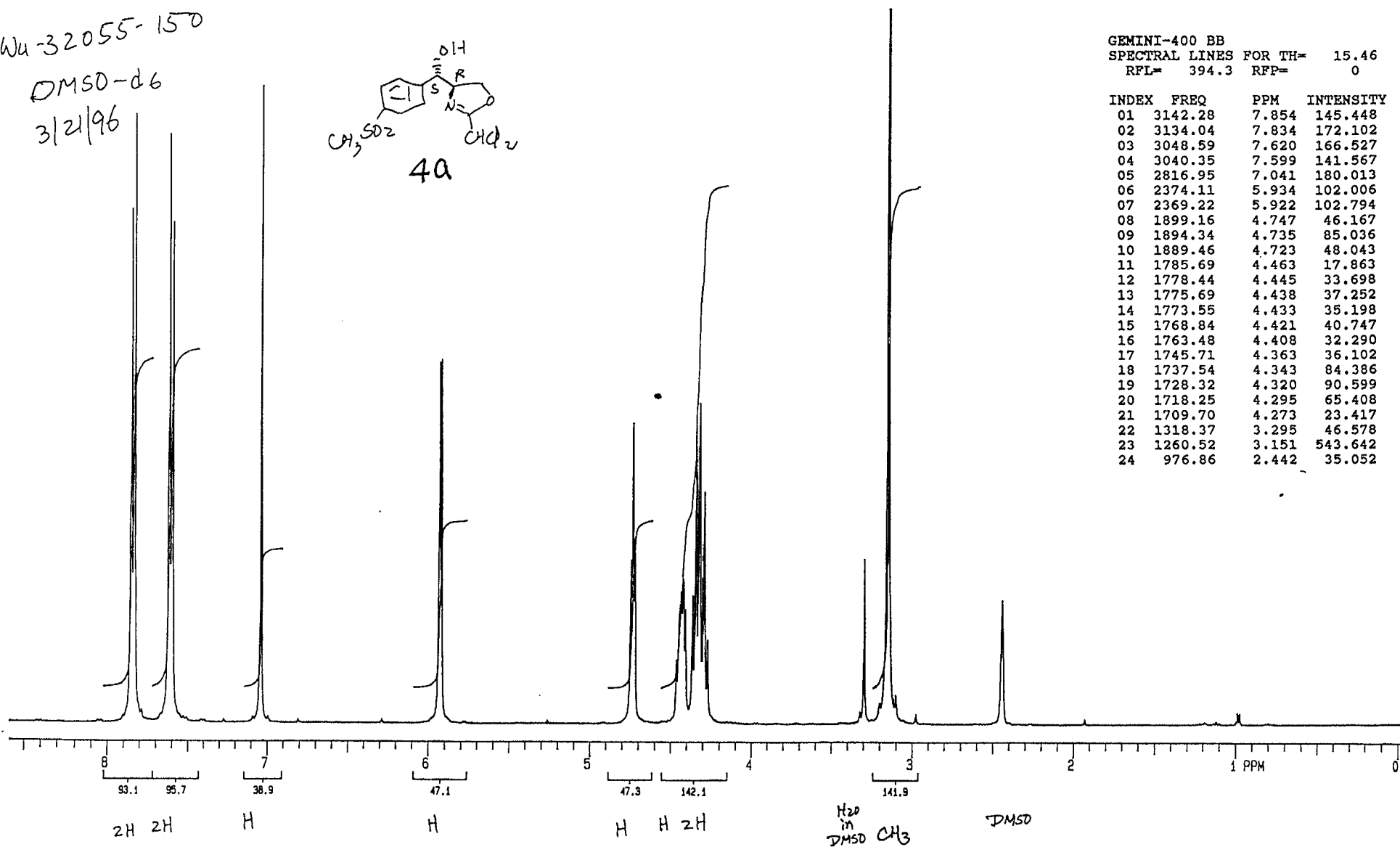
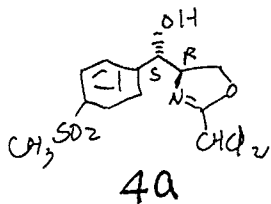
March 21 '96 15:32
Page 13.

resolution : 4 cm⁻¹
detector : DTGS KBr

Wu-32055-150

DMSO-d6

3/21/96



GEMINI-400 BB
SPECTRAL LINES FOR TH= 15.46
RFL= 394.3 RFP= 0

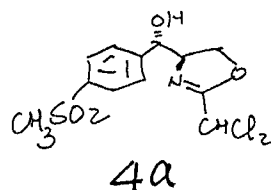
INDEX	FREQ	PPM	INTENSITY
01	3142.28	7.854	145.448
02	3134.04	7.834	172.102
03	3048.59	7.620	166.527
04	3040.35	7.599	141.567
05	2816.95	7.041	180.013
06	2374.11	5.934	102.006
07	2369.22	5.922	102.794
08	1899.16	4.747	46.167
09	1894.34	4.735	85.036
10	1889.46	4.723	48.043
11	1785.69	4.463	17.863
12	1778.44	4.445	33.698
13	1775.69	4.438	37.252
14	1773.55	4.433	35.198
15	1768.84	4.421	40.747
16	1763.48	4.408	32.290
17	1745.71	4.363	36.102
18	1737.54	4.343	84.386
19	1728.32	4.320	90.599
20	1718.25	4.295	65.408
21	1709.70	4.273	23.417
22	1318.37	3.295	46.578
23	1260.52	3.151	543.642
24	976.86	2.442	35.052

GEMINI-400 BB
 1H S/M
 0.1% ETHYL-BENZENE IN CDCL3

EXP4 PULSE SEQUENCE: S2PUL
 DATE 03-21-96 13:47:53
 SOLVENT DMSO
 FILE COMSO

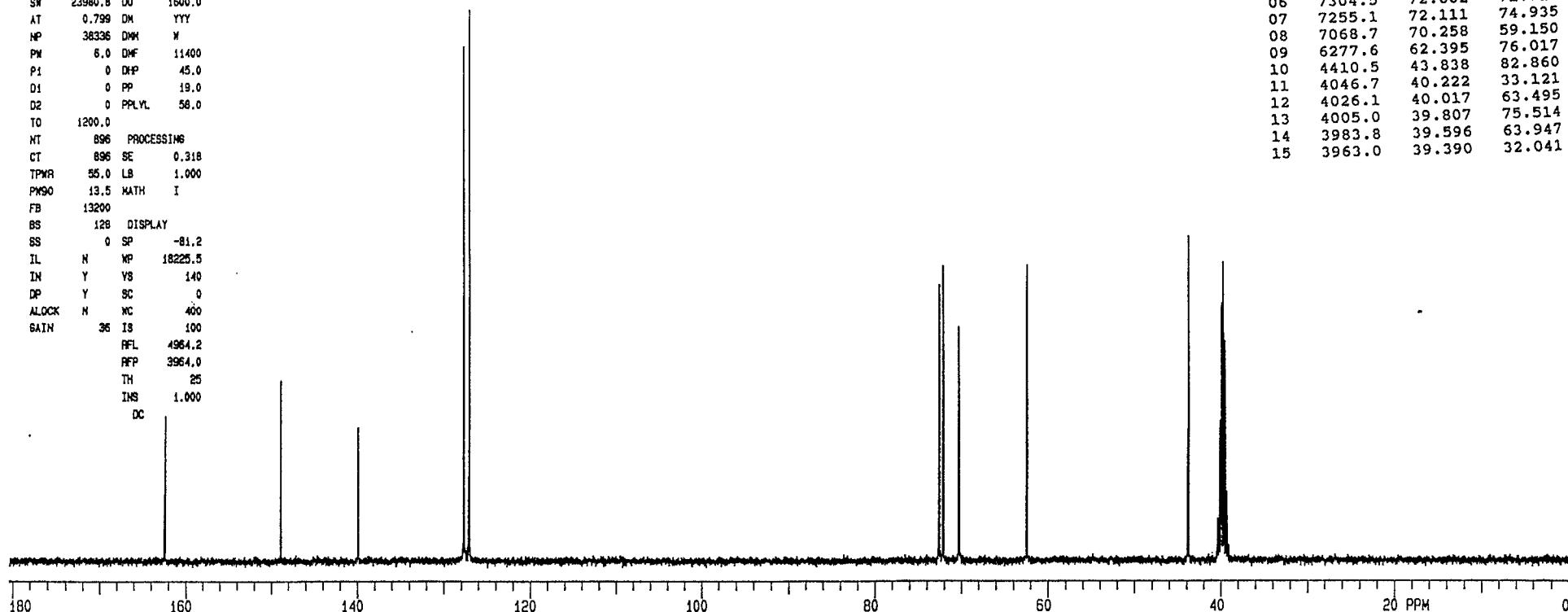
ACQUISITION DEC. & VT
 TN 13.000 DM 1.000
 SN 23980.8 DO 1600.0
 AT 0.799 DM YYY
 MP 38336 DMH M
 PM 6.0 DMF 11400
 P1 0 DHP 45.0
 D1 0 PP 18.0
 D2 0 PPLVL 58.0
 TO 1200.0
 NT 896 PROCESSING
 CT 896 SE 0.318
 TPWR 55.0 LB 1.000
 PM90 13.5 MATH I
 FB 13200
 BS 128 DISPLAY
 SS 0 SP -81.2
 IL N MP 18225.5
 IN Y VS 140
 DP Y SC 0
 ALOCK N MC 400
 GAIN 36 IS 100
 RFL 4964.2
 RFP 3964.0
 TH 25
 INS 1.000
 DC

Wu-32055-150
 DMSO-d6
 3/21/96



GEMINI-400 BB
 SPECTRAL LINES FOR TH= 24.05
 RFL= 4964.2 RFP= 3964.0

INDEX	FREQ	PPM	INTENSITY
01	16344.1	162.450	37.088
02	14978.5	148.877	45.422
03	14078.0	139.926	37.160
04	12846.2	127.683	140.751
05	12785.1	127.076	140.000
06	7304.5	72.602	71.714
07	7255.1	72.111	74.935
08	7068.7	70.258	59.150
09	6277.6	62.395	76.017
10	4410.5	43.838	82.860
11	4046.7	40.222	33.121
12	4026.1	40.017	63.495
13	4005.0	39.807	75.514
14	3983.8	39.596	63.947
15	3963.0	39.390	32.041



XL400
27394-98-4
GEORGE WU
96NHE0264

EXP1 PULSE SEQUENCE: STD1H
DATE 04-01-96
SOLVENT DMSO R.O.
FILE H

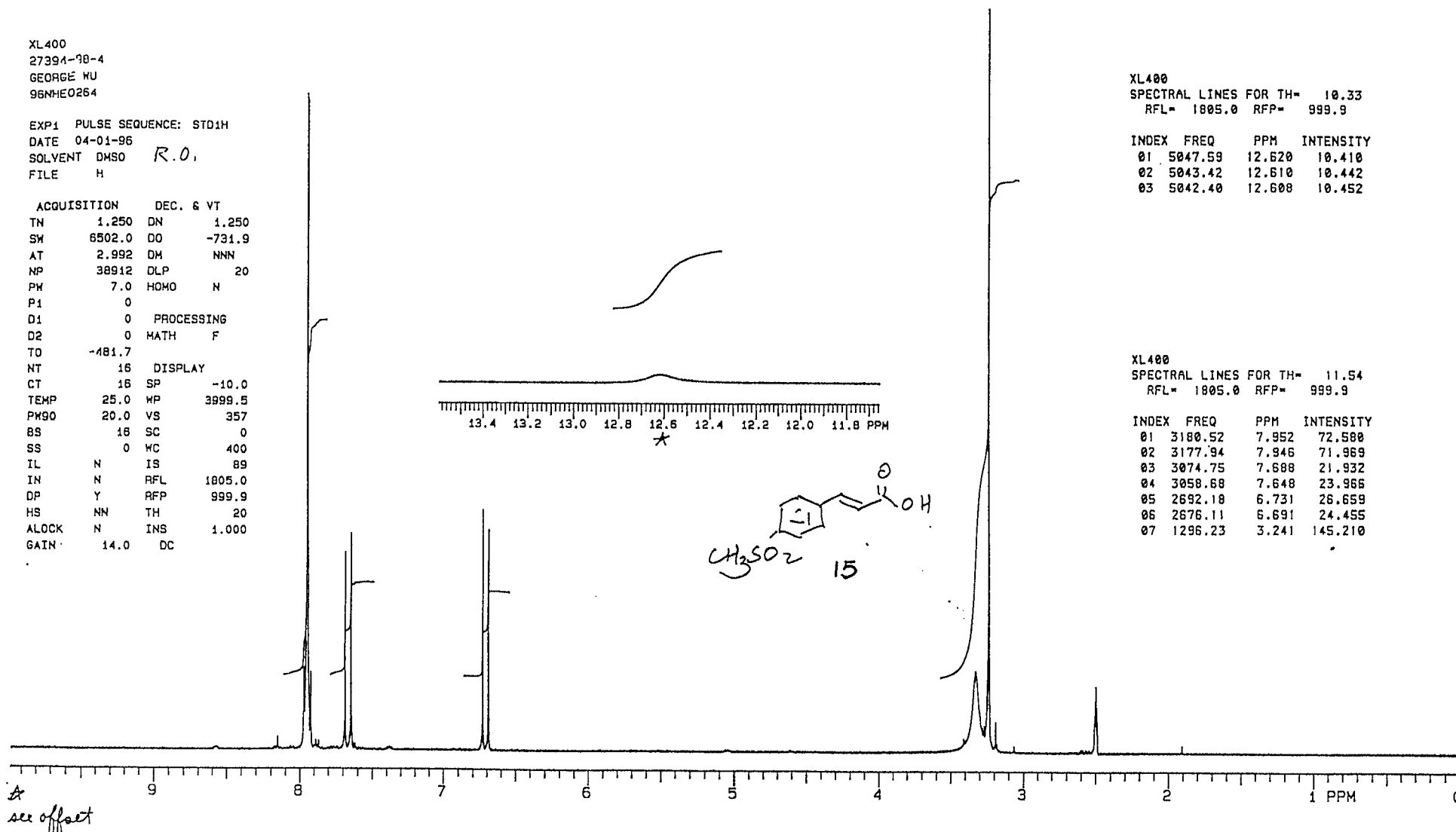
ACQUISITION		DEC. & VT	
TN	1.250	DN	1.250
SW	6502.0	DO	-731.9
AT	2.992	DM	NNN
NP	38912	DLP	20
PW	7.0	HOMO	N
P1	0		
D1	0	PROCESSING	
D2	0	MATH	F
TD	-481.7		
DISPLAY			
NT	16		
CT	16	SP	-10.0
TEMP	25.0	WP	3999.5
PM90	20.0	VS	357
BS	16	SC	0
SS	0	WC	400
IL	N	IS	89
IN	N	RFL	1805.0
DP	Y	RFP	999.9
HS	NN	TH	20
ALOCK	N	INS	1.000
GAIN	14.0	DC	

XL400
SPECTRAL LINES FOR TH= 10.33
RFL= 1805.0 RFP= 999.9

INDEX	FREQ	PPM	INTENSITY
01	5047.59	12.620	10.410
02	5043.42	12.610	10.442
03	5042.40	12.608	10.452

XL400
SPECTRAL LINES FOR TH= 11.54
RFL= 1805.0 RFP= 999.9

INDEX	FREQ	PPM	INTENSITY
01	3180.52	7.952	72.588
02	3177.94	7.946	71.969
03	3074.75	7.688	21.932
04	3058.68	7.648	23.966
05	2692.18	6.731	26.659
06	2676.11	6.691	24.455
07	1296.23	3.241	145.210



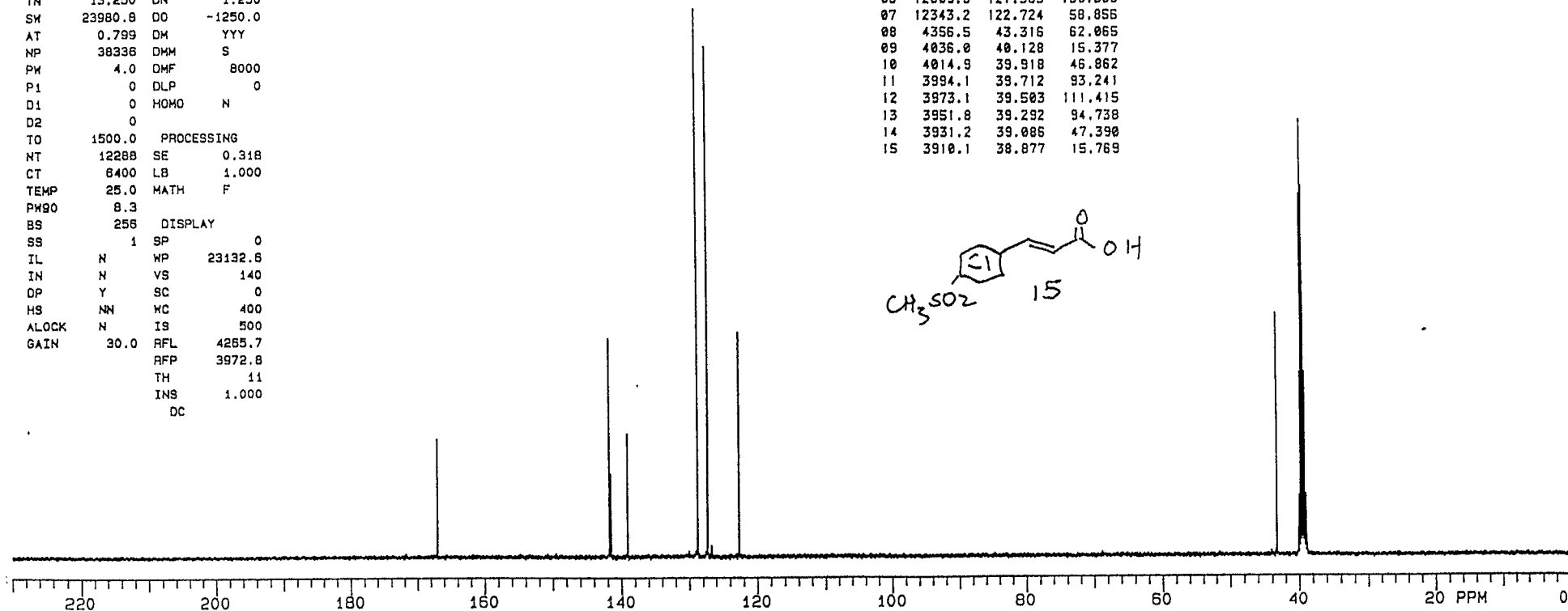
XL400
27394-98-4
GEORGE WU
96NCE0265

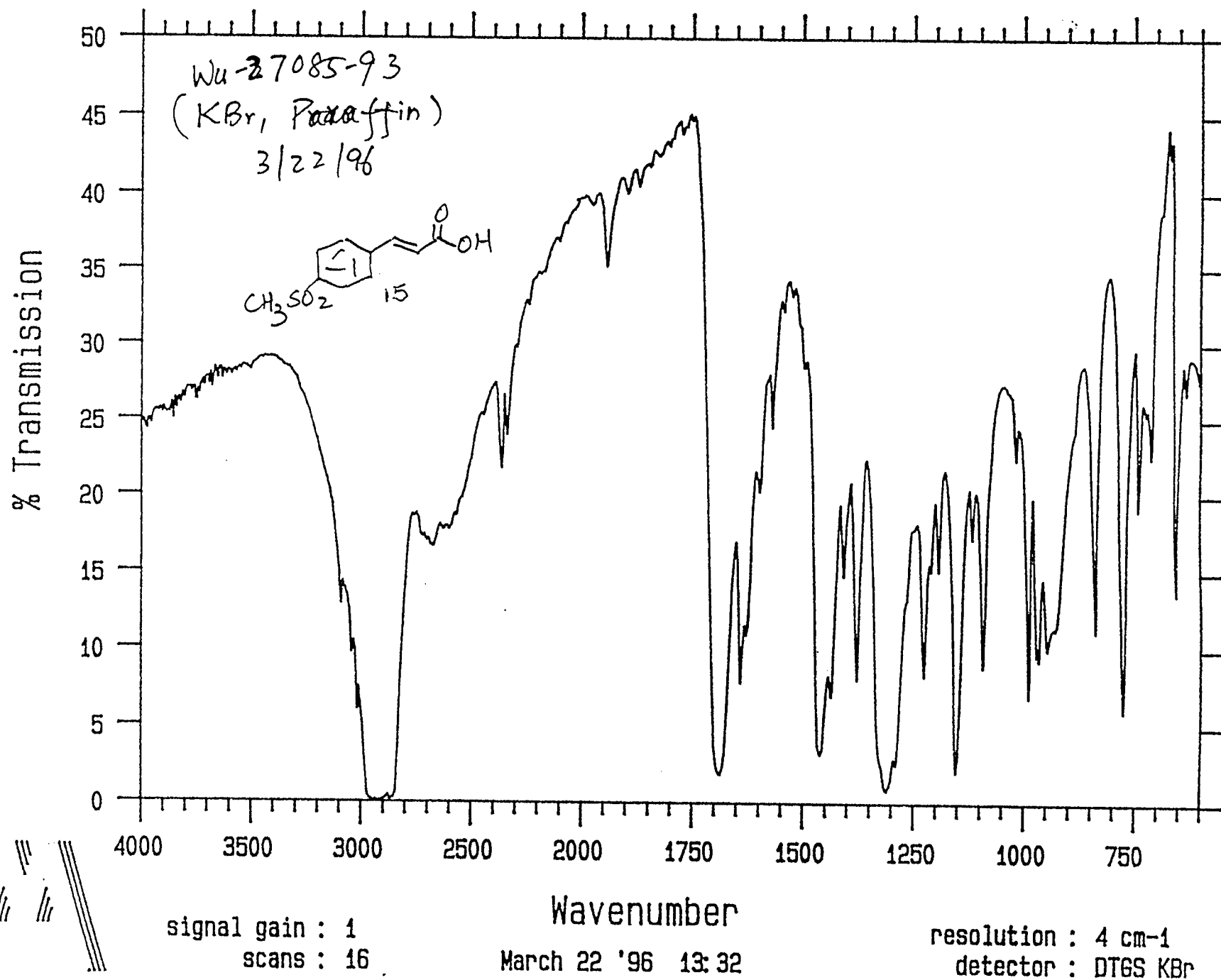
EXP2 PULSE SEQUENCE: STD13C
DATE 04-01-96
SOLVENT DMSO R.O.
FILE CDMSO

ACQUISITION		DEC. & VT	
TN	13.250	DN	1.250
SW	23980.8	DO	-1250.0
AT	0.799	DM	YYY
NP	38336	DMM	S
PW	4.0	DMF	8000
P1	0	DLP	0
D1	0	HOMO	N
D2	0		
TO	1500.0	PROCESSING	
NT	12288	SE	0.318
CT	6400	LB	1.000
TEMP	25.0	MATH	F
PW90	8.3		
BS	256	DISPLAY	
SS	1	SP	0
IL	N	WP	23132.6
IN	N	VS	140
DP	Y	SC	0
HS	NN	WC	400
ALOCK	N	IS	500
GAIN	30.0	RFL	4265.7
		RFP	3972.8
		TH	11
		INS	1.000
		DC	

XL400
SPECTRAL LINES FOR TH= 10.70
RFL= 4265.7 RFP= 3972.8

INDEX	FREQ	PPM	INTENSITY
01	16801.7	167.054	30.478
02	14261.7	141.799	57.331
03	14234.6	141.530	21.888
04	13990.7	139.105	31.380
05	12950.2	128.838	140.447
06	12809.8	127.363	139.388
07	12343.2	122.724	58.856
08	4356.5	43.316	62.065
09	4036.0	40.128	15.377
10	4014.9	39.918	46.862
11	3994.1	39.712	93.241
12	3973.1	39.503	111.415
13	3951.8	39.292	94.738
14	3931.2	39.086	47.390
15	3910.1	38.877	15.769

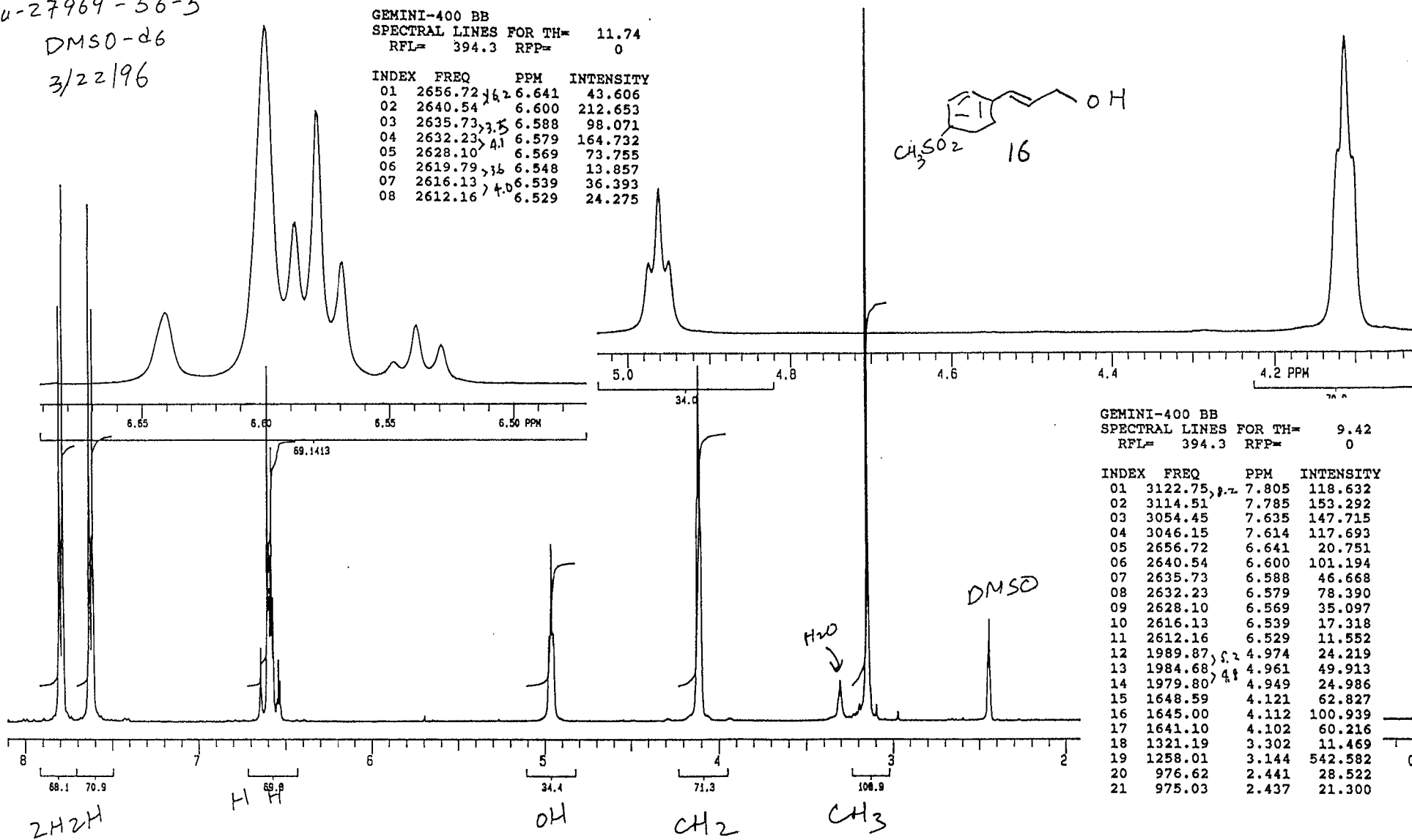




W.T.
Wu-27969-56-3
DMSO-d6
3/22/96

GEMINI-400 BB
SPECTRAL LINES FOR TH= 11.74
RFL= 394.3 RFP= 0

INDEX	FREQ	PPM	INTENSITY
01	2656.72	6.641	43.606
02	2640.54	6.600	212.653
03	2635.73	6.588	98.071
04	2632.23	6.579	164.732
05	2628.10	6.569	73.755
06	2619.79	6.548	13.857
07	2616.13	6.539	36.393
08	2612.16	6.529	24.275



GEMINI-400 BB
SPECTRAL LINES FOR TH= 9.42
RFL= 394.3 RFP= 0

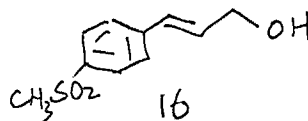
INDEX	FREQ	PPM	INTENSITY
01	3122.75	7.805	118.632
02	3114.51	7.785	153.292
03	3054.45	7.635	147.715
04	3046.15	7.614	117.693
05	2656.72	6.641	20.751
06	2640.54	6.600	101.194
07	2635.73	6.588	46.668
08	2632.23	6.579	78.390
09	2628.10	6.569	35.097
10	2616.13	6.539	17.318
11	2612.16	6.529	11.552
12	1989.87	4.974	24.219
13	1984.68	4.961	49.913
14	1979.80	4.949	24.986
15	1648.59	4.121	62.827
16	1645.00	4.112	100.939
17	1641.10	4.102	60.216
18	1321.19	3.302	11.469
19	1258.01	3.144	542.582
20	976.62	2.441	28.522
21	975.03	2.437	21.300

GEMINI-400 BB
 1H 5/N
 0.1% ETHYL-BENZENE IN CDCL3

EXP4 PULSE SEQUENCE: S2PUL
 DATE 03-22-96 14:02:38
 SOLVENT DMSO
 FILE DMSO

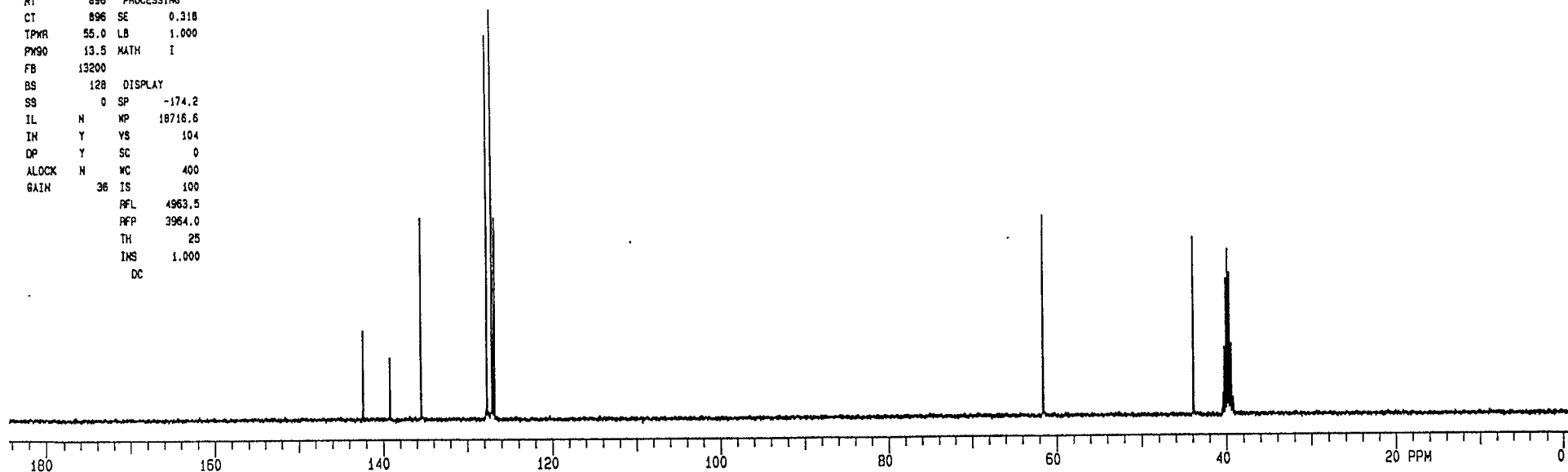
ACQUISITION DEC. & VT
 TM 13.000 DM 1.000
 SM 23980.8 DO 1600.0
 AT 0.799 DM YYY
 MP 38336 DM N
 PM 6.0 DMF 11400
 P1 0 DHP 45.0
 D1 0 PP 19.0
 D2 0 PPLVL 58.0
 TO 1200.0
 NT 896 PROCESSING
 CT 896 SE 0.318
 TPRR 55.0 LB 1.000
 PM90 13.5 MATH I
 FB 13200
 BS 128 DISPLAY
 SS 0 SP -174.2
 IL N MP 18716.6
 IN Y VS 104
 DP Y SC 0
 ALOCK N MC 400
 GAIN 36 IS 100
 RFL 4963.5
 RFP 3964.0
 TH 25
 INS 1.000
 DC

27969-56-3
 DMSO-d6
 3/22/96

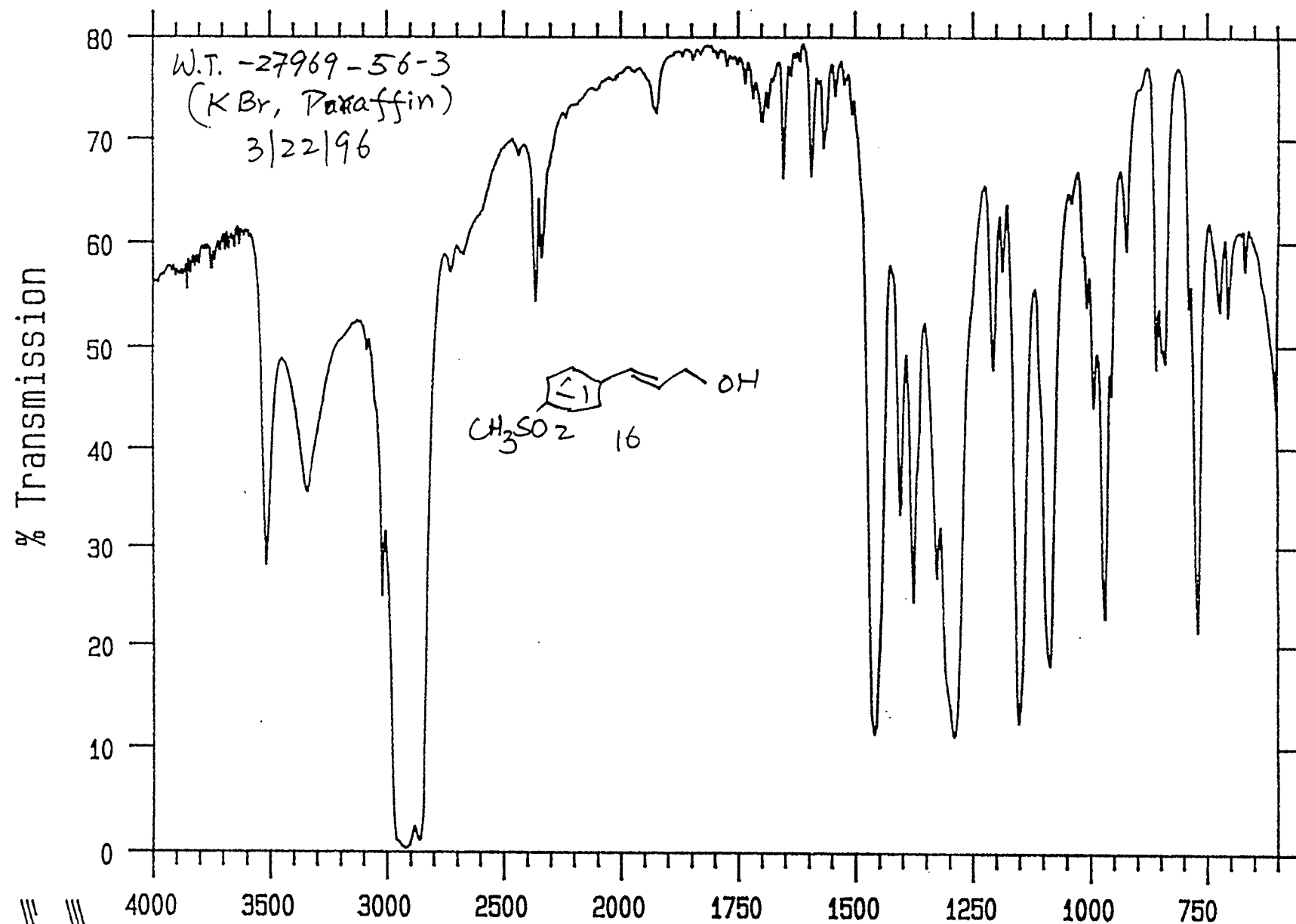


GEMINI-400 BB
 SPECTRAL LINES FOR TH= 11.96
 RFL= 4963.5 RFP= 3964.0

INDEX	FREQ	PPM	INTENSITY
01	14322.8	142.360	22.594
02	14008.2	139.233	16.427
03	13629.7	135.471	50.611
04	12846.7	127.688	98.464
05	12782.8	127.053	105.868
06	12756.7	126.793	50.881
07	6189.1	61.516	53.937
08	4414.5	43.877	48.857
09	4046.7	40.222	17.340
10	4025.7	40.013	34.657
11	4005.0	39.807	41.634
12	3983.8	39.596	35.843
13	3962.7	39.387	18.387



Mattson Instruments FTIR



signal gain : 1
scans : 16

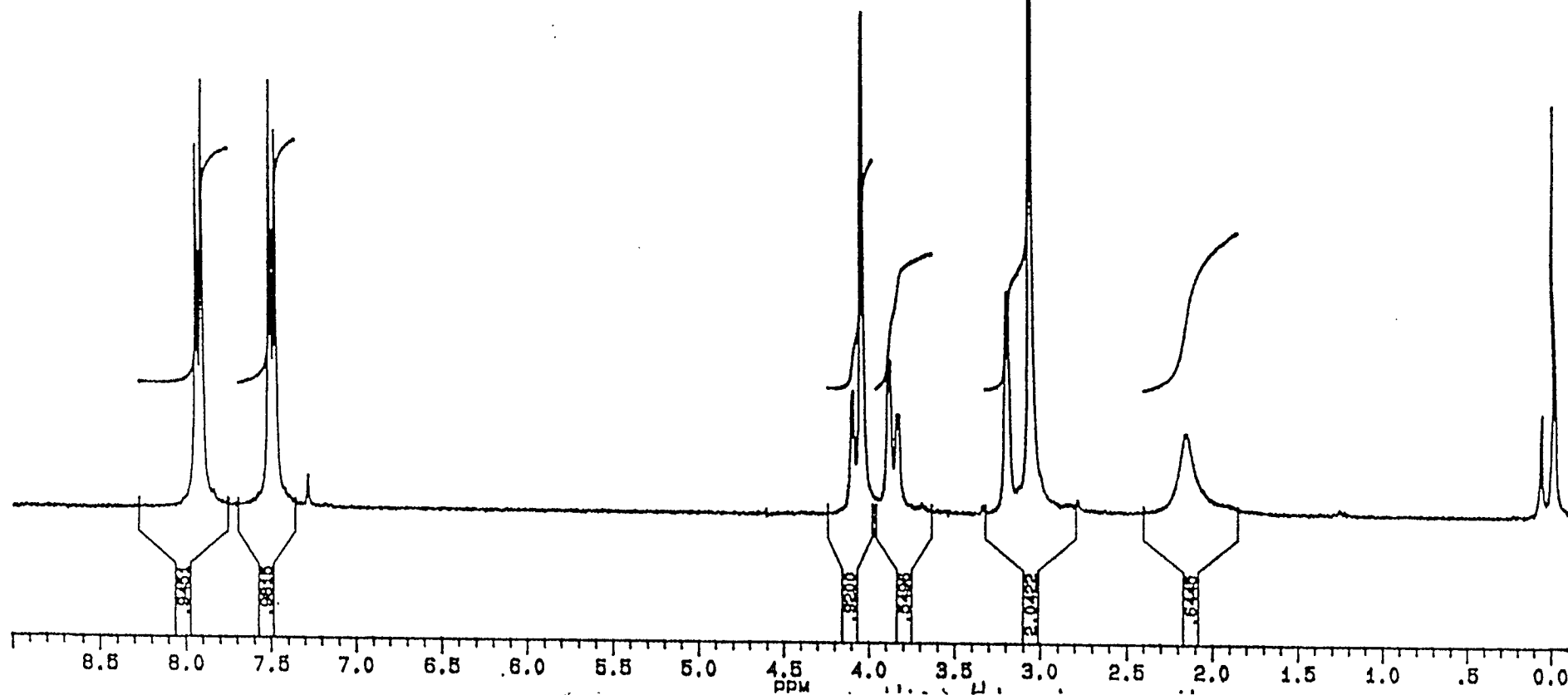
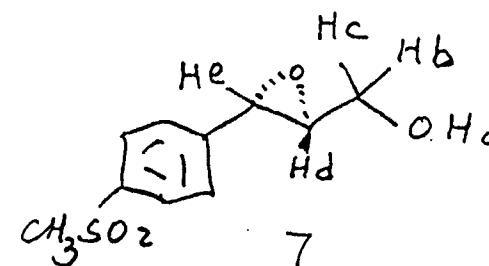
Wavenumber

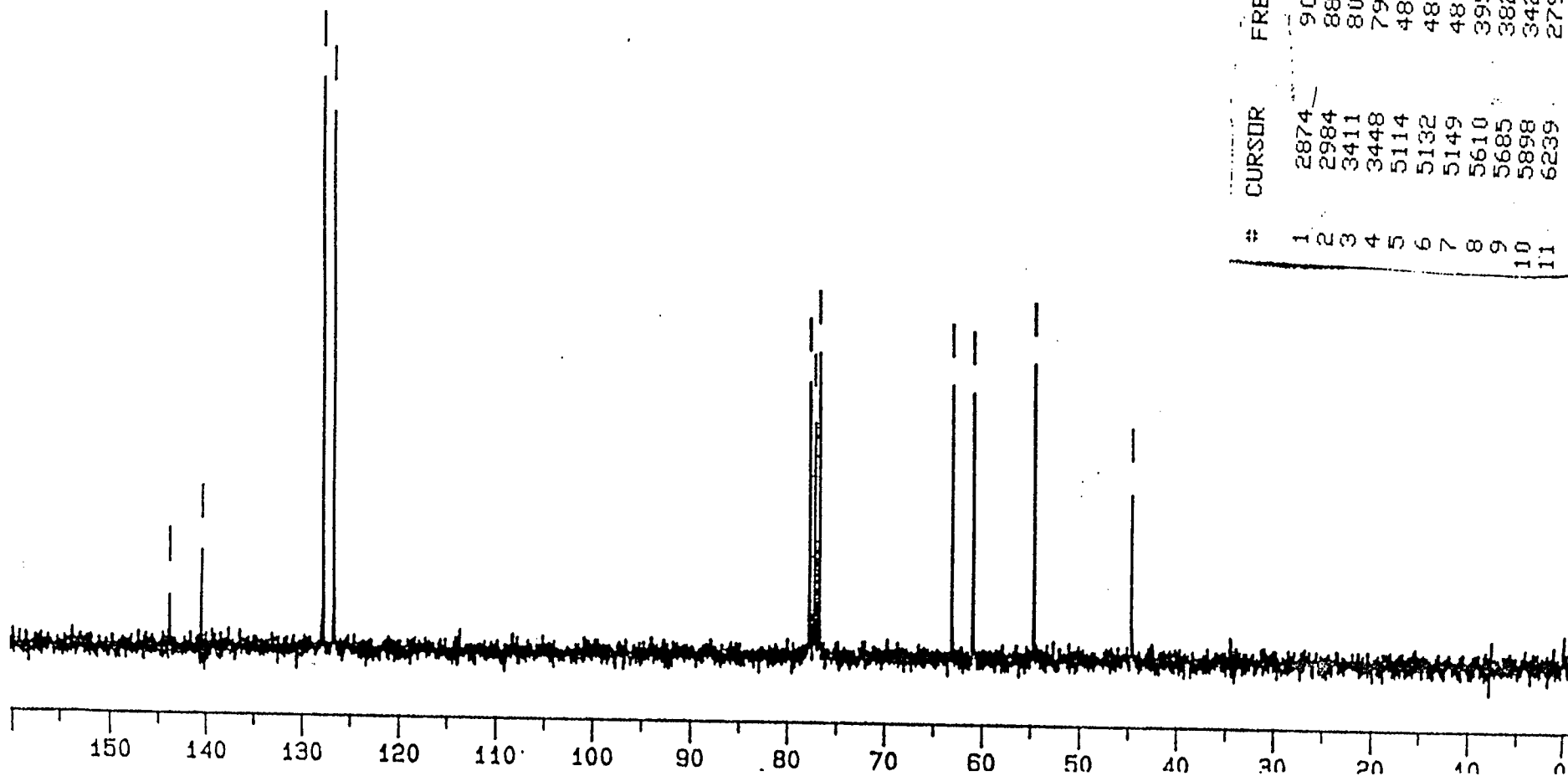
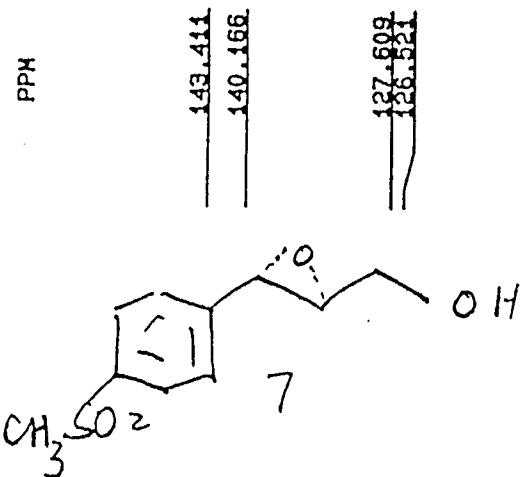
March 22 '96 15:05

resolution : 4 cm⁻¹
detector : DTGS KBr

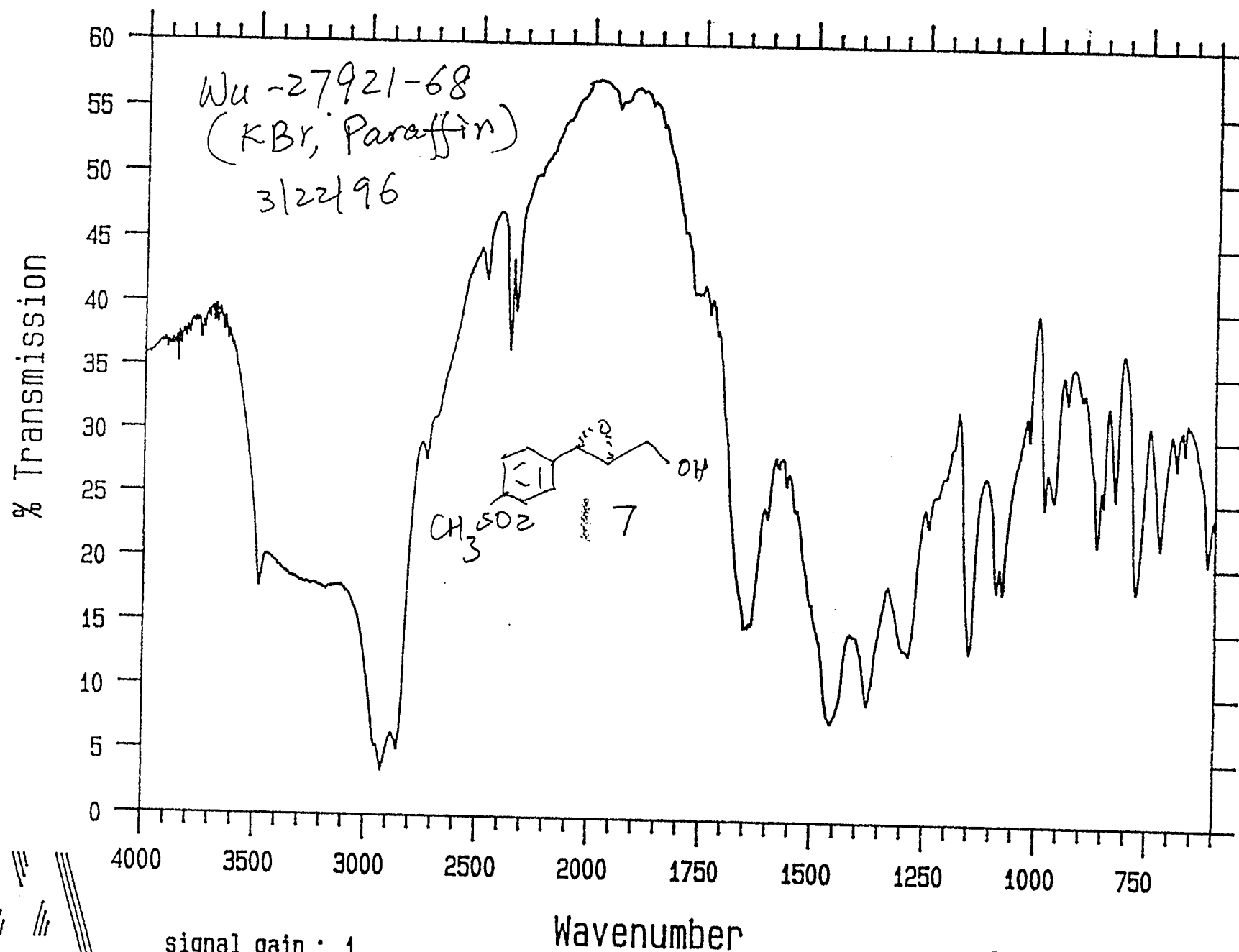
Solvent CDCl_3

#	CURSOR	FREQUENCY	PPM	INTENSITY
1	3105	1985.759	7.9388	5.975
2	3118	1977.606	7.9062	6.956
3	3282	1877.583	7.5063	6.981
4	3295	1869.477	7.4739	6.141
5	4682	1022.778	4.0889	1.957
6	4704	1009.777	4.0370	8.181
7	4765	972.038	3.8861	2.400
8	4770	969.002	3.8739	2.510
9	4791	956.180	3.8227	1.595
10	5049	798.771	3.1934	3.615
11	5105	764.898	3.0580	23.691
12	6328	18.428	.0737	1.659
13	6358	-.046	-.0002	6.721





#	CURSOR	FREQUENCY	PPM	INTENSITY
1	2874	9019.970	143.4110	.809
2	2984	8815.884	140.1661	1.478
3	3411	8026.087	127.6089	9.222
4	3448	7957.673	126.5212	8.700
5	5114	4876.054	77.5257	4.362
6	5132	4843.528	77.0086	3.775
7	5149	4811.634	76.5015	4.829
8	5610	3958.898	62.9436	4.307
9	5685	3820.239	60.7390	4.181
10	5898	3426.219	54.4744	4.675
11	6239	2795.945	44.4535	2.621

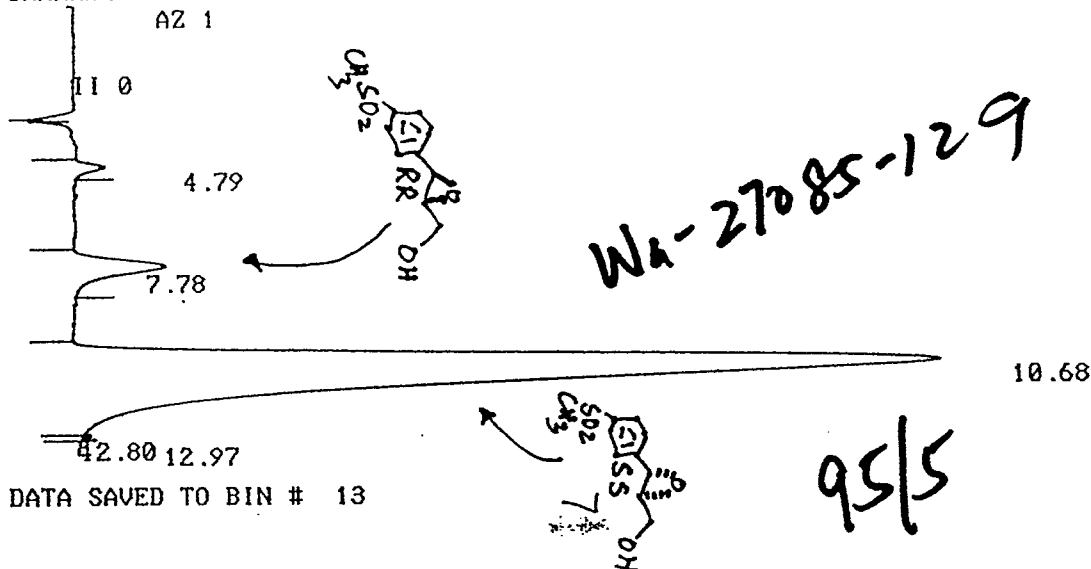


signal gain : 1
scans : 16

March 22 '96 15:48

resolution : 4 cm⁻¹
detector : DTGS KBr

CHANNEL A INJECT 05/13/91 14:28:08 STORED TO BIN # 13



GW 05/13/91 14:28:08 CH= "A" PS= 1.

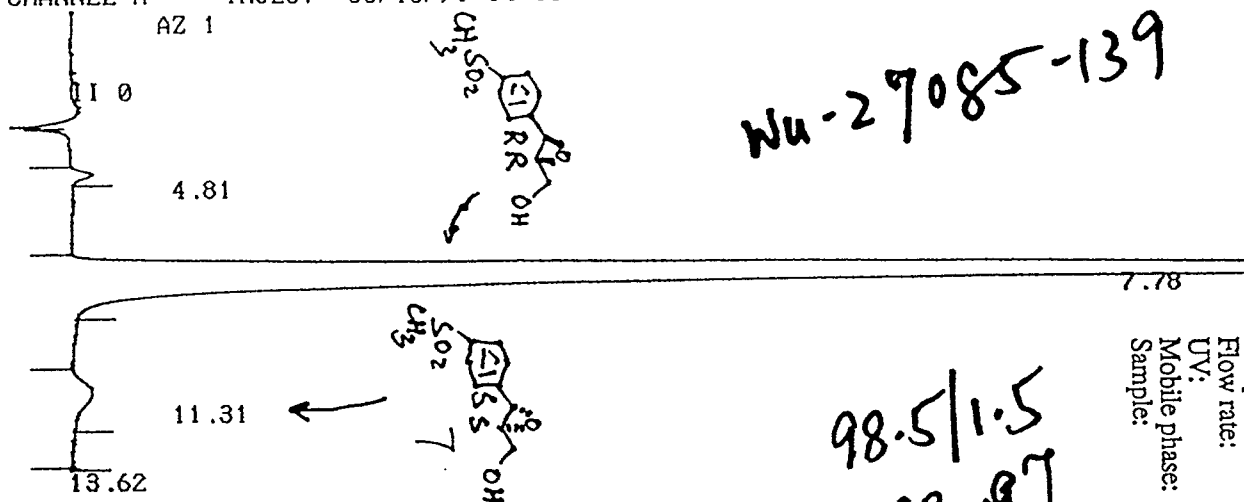
FILE 1. METHOD 0. RUN *** INDEX *** BIN 13

PEAK#	AREA%	RT	AREA BC
1	0.803	4.79	22111 01
2	5.101	7.78	140380 01
3	93.918	10.68	2584664 02
4	0.106	12.8	2914 02
5	0.071	12.97	1963 03

TOTAL 100. 2752032

Chiral HPLC Conditions for Epoxide
 Column: J.T. Baker Chiralcel. OJ 25 cm X 4.6 mm ID
 Temperature: 25°C
 Flow rate: 1.0 mL/min.
 UV: 225 nm
 Mobile phase: Hexane:Isopropanol:Acetonitrile = 40:60:1
 Sample: 5 mg/25 mL in mobile phase

CHANNEL A INJECT 05/13/91 14:06:43 REPLAYED FROM BIN # 12



GW 05/13/91 14:06:43 CH= "A" PS= 1. BIN 12

FILE	METHOD	Ø.	RUN ***	INDEX ***	BIN
1.					12
PEAK#	AREA%	RT	AREA	BC	
1	0.451	4.81	14222	01	
2	98.08	7.78	3093978	01	
3	1.459	11.31	46010	01	
4	0.011	13.62	342	01	
TOTAL	100.		3154552		

Chiral HPLC Conditions for Epoxide
 Column: J. T. Baker Chiralcel. OJ 25 cm X 4.6 mm ID
 Temperature: 25°C
 Flow rate: 1.0 mL/min.
 UV: 225 nm
 Mobile phase: Hexane:Isopropanol:Acetonitrile = 40:60:1
 Sample: 5 mg/25 mL in mobile phase