

Determination of enantiomeric excess of epoxide of 12 by HPLC

Table 1, entry 4

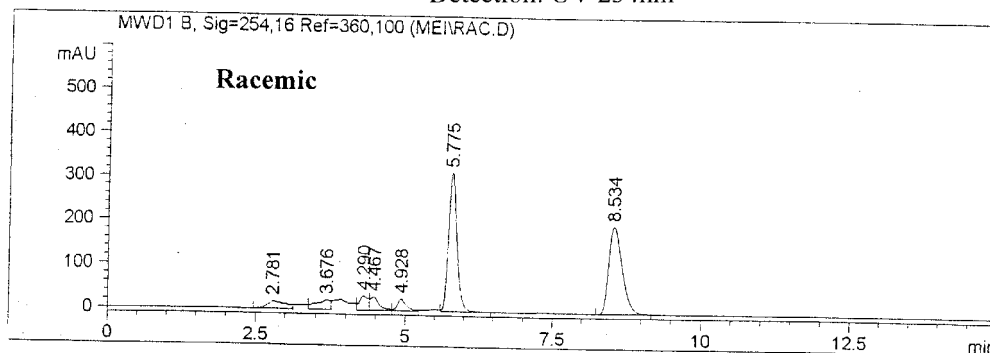
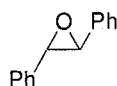
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-AH045)

Solvents: n-hexane/IPA (90.0/10.0)

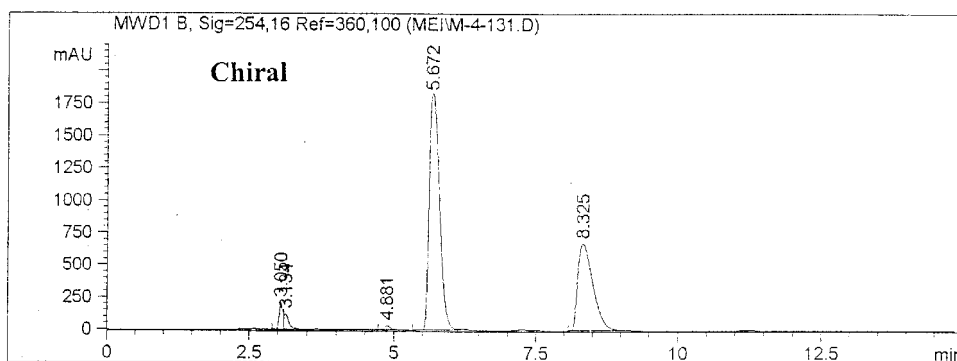
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.781	VV	0.2769	380.88989	17.03100	4.7548
2	3.676	VV	0.2193	373.82172	22.56270	4.6665
3	4.290	VV	0.1433	334.00885	32.12846	4.1696
4	4.467	VV	0.1499	329.70874	30.56289	4.1159
5	4.928	VV	0.1511	283.40952	26.86290	3.5379
6	5.775	VV	0.1504	3155.93799	316.34717	39.3967
7	8.534	VV	0.2478	3152.89087	198.00575	39.3587

Totals : 8010.66757 643.50087

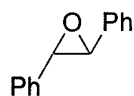


Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.050	VV	0.0708	986.33673	210.03909	2.6299
2	3.134	VV	0.0876	730.85956	119.01546	1.9487
3	4.881	VB	0.1274	272.77127	31.99989	0.7273
4	5.672	BV	0.1974	2.28587e4	1834.47424	60.9193
5	8.325	VV	0.2890	1.26555e4	674.05310	33.7442

Totals : 3.75042e4 2869.58178

Determination of enantiomeric excess of epoxide of 12 by HPLC

Table 1, entry 5



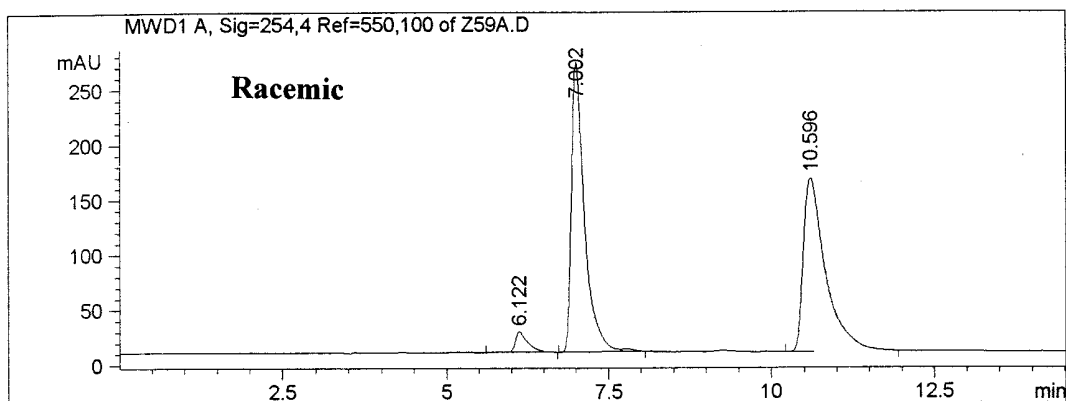
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JH192)

Solvents: n-hexane/IPA (90.0/10.0)

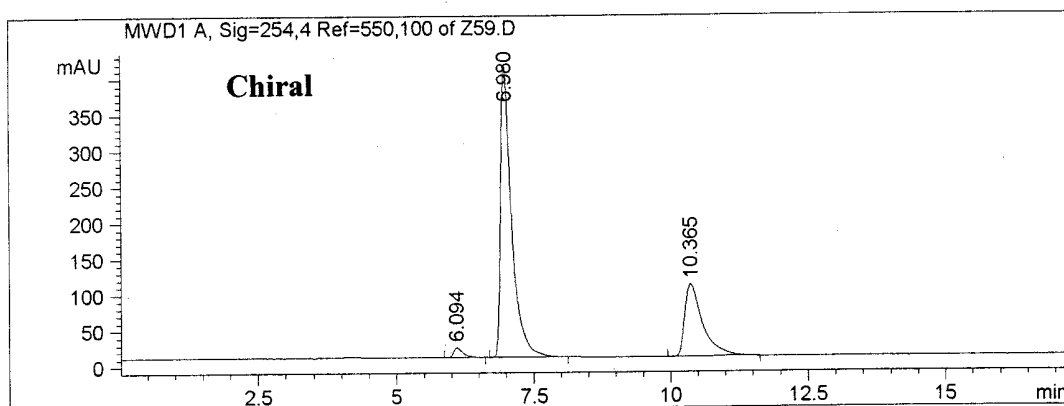
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.122	BB	0.201	264.31732	18.77988	3.4491
2	7.002	BB	0.210	3700.78589	262.00616	48.2922
3	10.596	BB	0.347	3698.22266	157.02022	48.2587

Totals : 7663.32568 437.80627

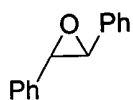


Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.094	BB	0.174	161.13721	13.68364	1.9796
2	6.980	BB	0.209	5685.39258	404.00726	69.8475
3	10.365	BB	0.338	2293.18726	100.34383	28.1728

Totals : 8139.71680 518.03473

Determination of enantiomeric excess of epoxide of 12 by HPLC

Table 2, entry 1



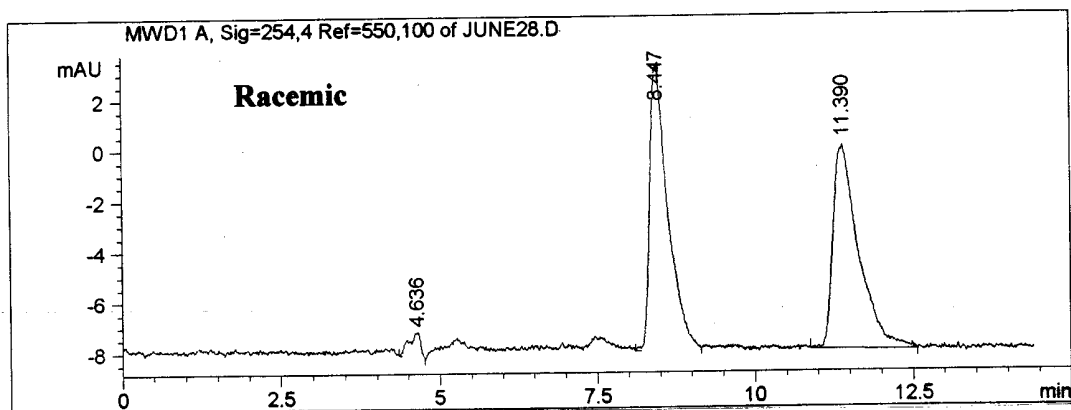
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

Solvents: n-hexane/IPA (90.0/10.0)

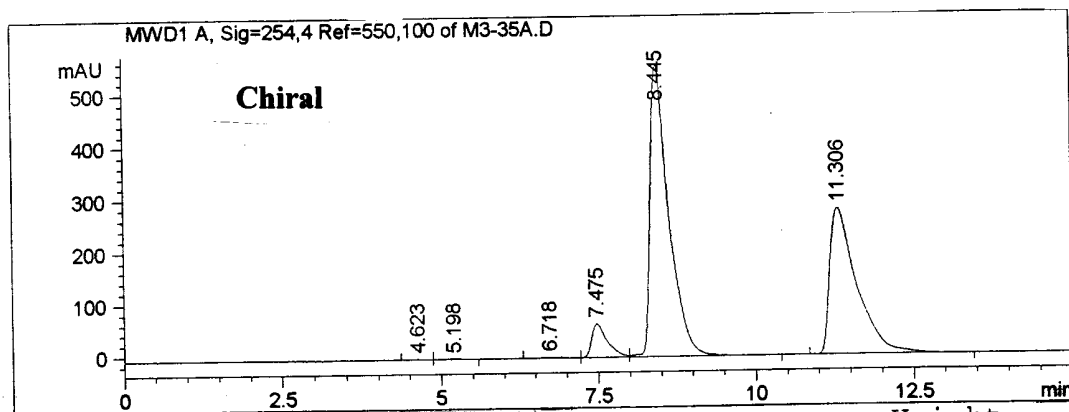
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	4.636	VV	0.193	13.55257	9.80176e-1	2.9453
2	8.447	BV	0.294	222.53619	11.26474	48.3625
3	11.390	BV	0.337	224.05283	8.11261	48.6921

Totals : 460.14160 20.35753

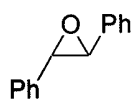


Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	4.623	VV	0.252	16.50654	8.69882e-1	0.0790
2	5.198	VV	0.266	23.31474	1.12430	0.1116
3	6.718	VV	0.294	36.00965	1.58422	0.1723
4	7.475	VV	0.256	1110.93359	64.35889	5.3153
5	8.445	VV	0.303	11395.34766	556.81451	54.5218
6	11.306	BV	0.436	8318.43164	280.66083	39.8001

Totals : 20900.54297 905.41266

Determination of enantiomeric excess of epoxide of 12 by HPLC

Table 2, entry 6



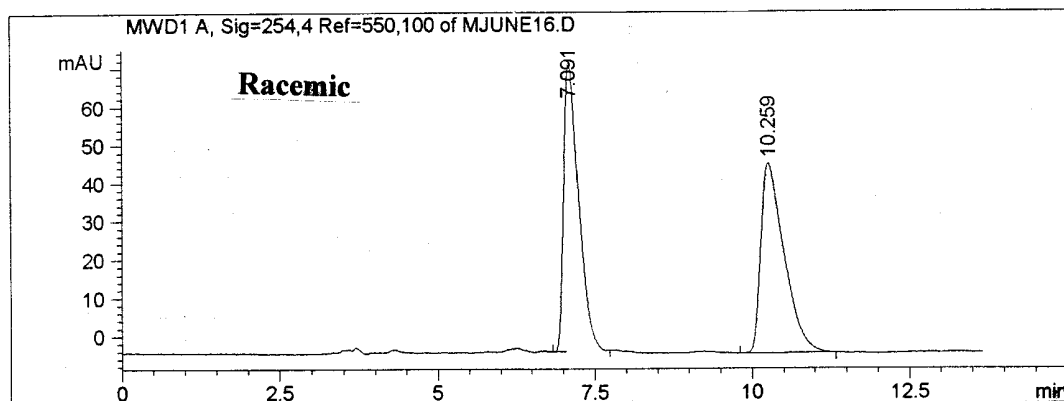
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

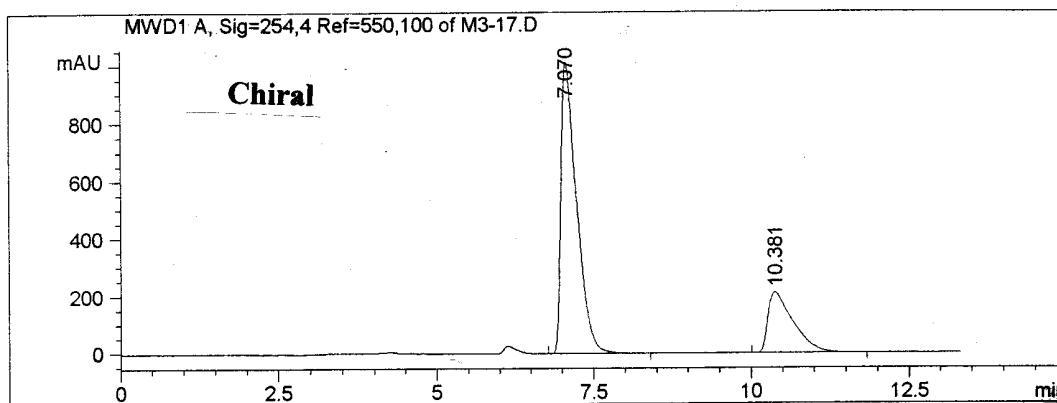
Solvents: n-hexane/IPA (90.0/10.0)

Flow rate: 1.0 mL/min

Detection: UV 254nm



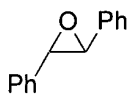
Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	7.091	BB	0.242	1241.73389	75.41746	49.4376
2	10.259	BB	0.369	1269.98535	49.54792	50.5624
Totals :				2511.71924	124.96538	



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	7.070	BB	0.254	17591.93359	1012.28772	74.8865
2	10.381	BB	0.400	5899.53467	212.92455	25.1135
Totals :				23491.46875	1225.21228	

Determination of enantiomeric excess of epoxide of 12 by HPLC

Table 2, entry 7



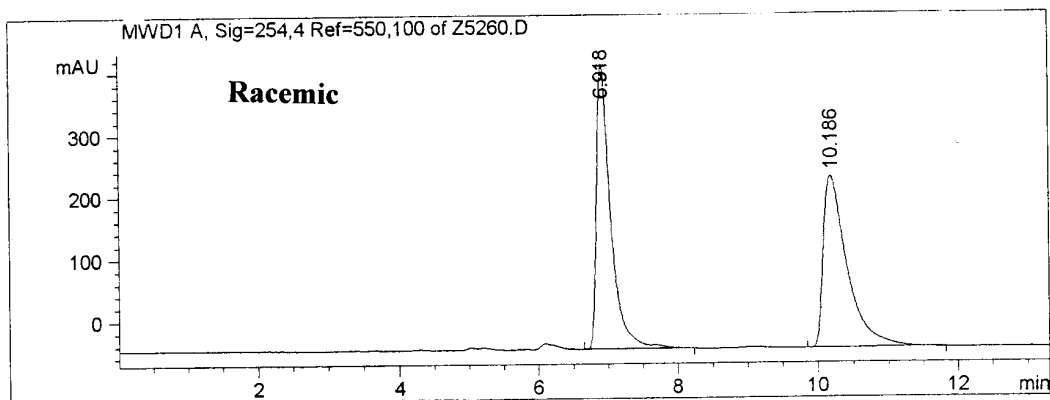
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

Solvents: n-hexane/IPA (90.0/10.0)

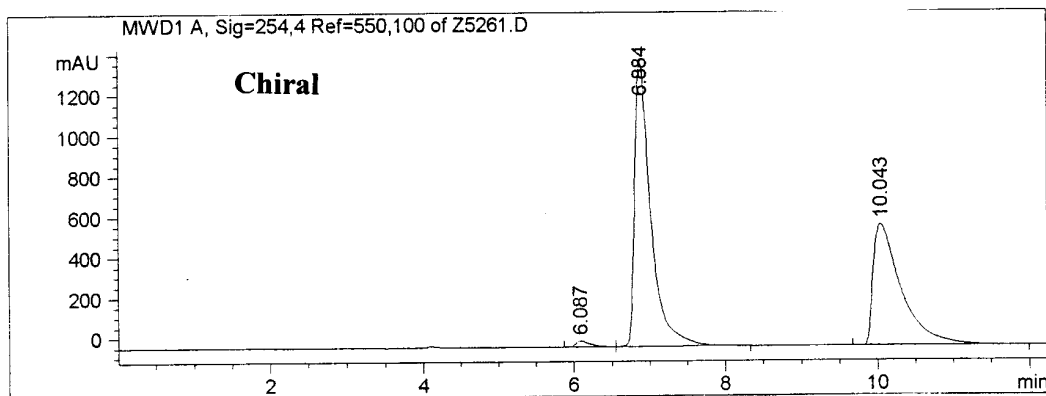
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.918	BB	0.212	6522.30908	458.83734	50.1898
2	10.186	BB	0.347	6472.97510	276.22931	49.8102

Totals : 12995.28418 735.06665

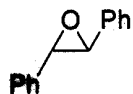


Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.087	BV	0.188	396.82706	30.87566	1.0814
2	6.884	VB	0.221	20869.51367	1405.19897	56.8720
3	10.043	BB	0.376	15429.21387	600.37433	42.0465

Totals : 36695.55469 2036.44897

Determination of enantiomeric excess of epoxide of 12 by HPLC

Table 2, entry 9



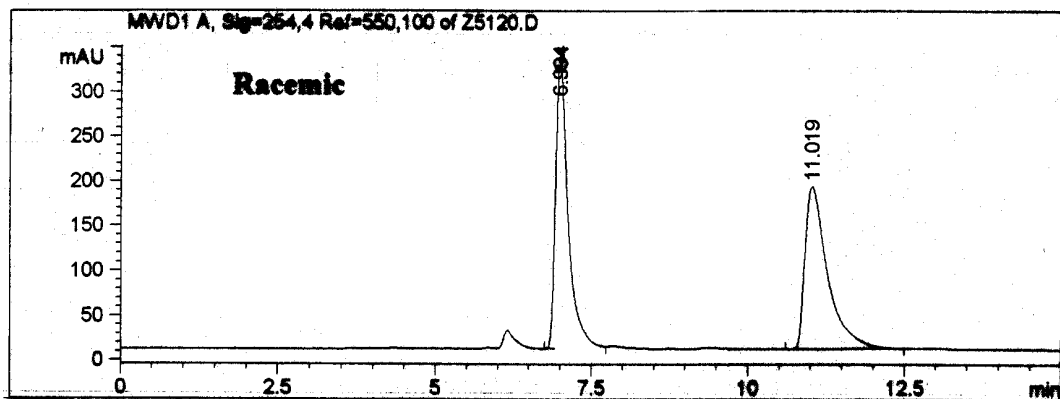
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

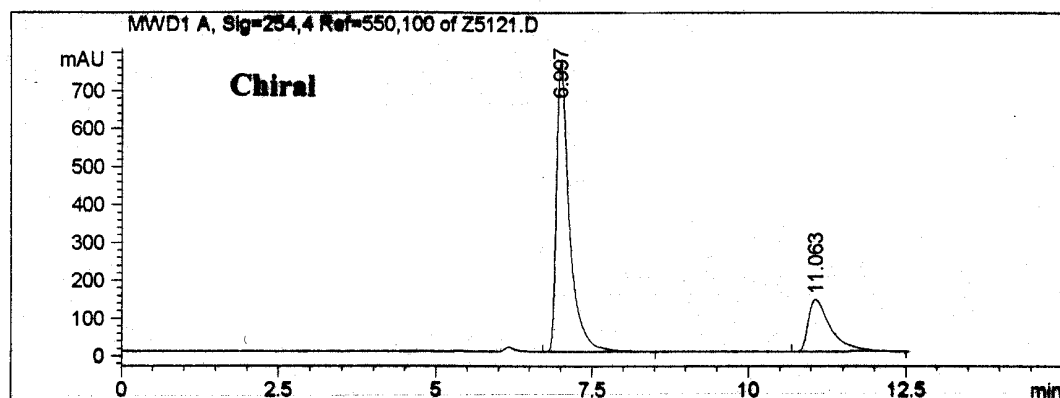
Solvents: n-hexane/IPA (90.0/10.0)

Flow rate: 1.0 mL/min

Detection: UV 254nm



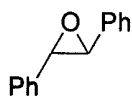
Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.994	PV	0.209	4483.89746	320.99002	49.5609
2	11.019	BB	0.373	4563.34521	181.19394	50.4391
Totals				9047.24219	502.18396	



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.997	BB	0.217	11119.41504	762.03595	76.5876
2	11.063	BBA	0.366	3399.14697	137.55124	23.4124
Totals :				14518.56250	899.58716	

Determination of enantiomeric excess of epoxide of 12 by HPLC

Table 2, entry 10



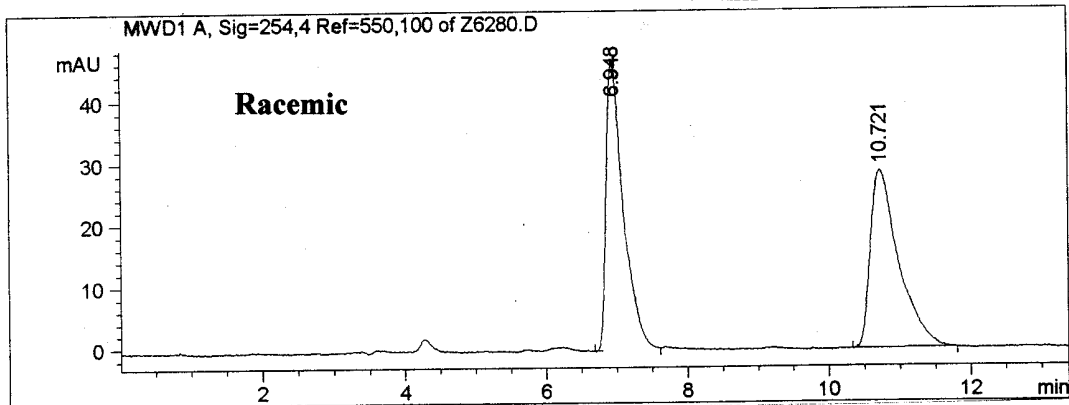
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

Solvents: n-hexane/IPA (90.0/10.0)

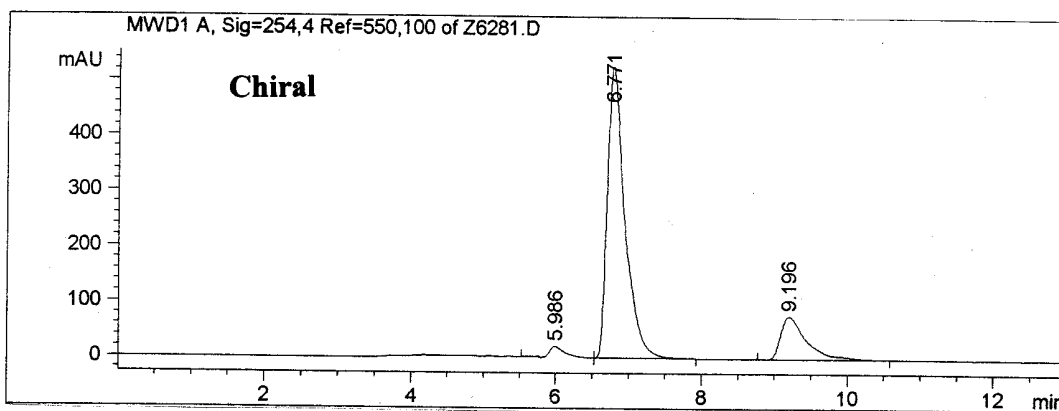
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.948	BB	0.252	787.11218	46.66928	49.6830
2	10.721	BB	0.420	797.15613	28.71158	50.3170

Totals : 1584.26831 75.38086

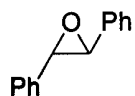


Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	5.986	BV	0.208	272.55548	19.64817	2.4658
2	6.771	PB	0.250	8835.91406	526.42877	79.9380
3	9.196	BB	0.368	1944.98523	77.78242	17.5962

Totals : 11053.45508 623.85937

Determination of enantiomeric excess of epoxide of 12 by HPLC

Table 3, entry 1



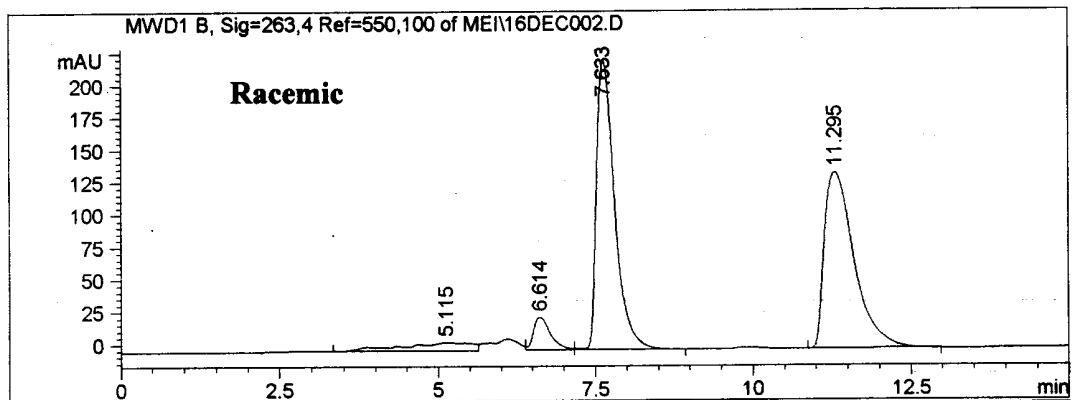
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

Solvents: n-hexane/IPA (90.0/10.0)

Flow rate: 1.0 mL/min

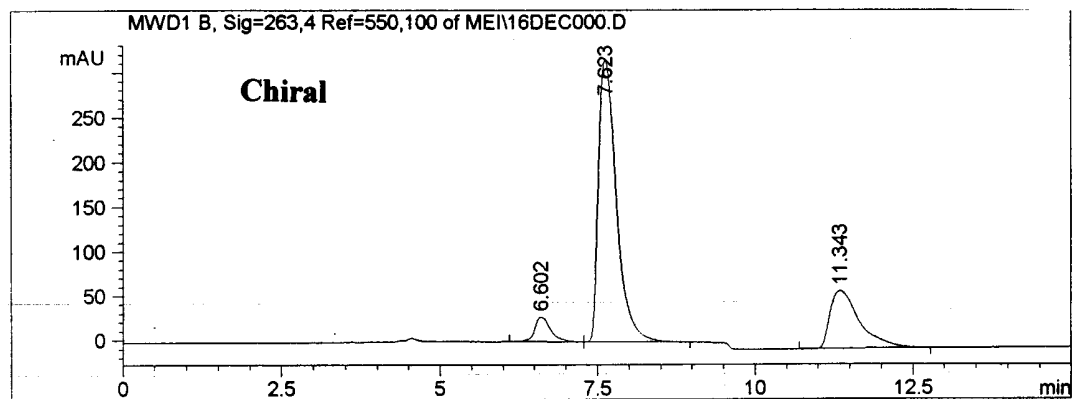
Detection: UV 263nm



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	5.115	BV	1.058	499.33588	6.49580	5.0345
2	6.614	VV	0.294	487.11835	25.41404	4.9113
3	7.633	VB	0.315	4492.08838	222.45544	45.2909
4	11.295	BB	0.510	4439.75146	135.33473	44.7633

Totals :

9918.29395 389.70001



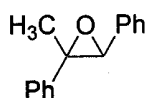
Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.602	BV	0.274	498.92612	27.80923	5.5811
2	7.623	PB	0.312	6313.84180	316.19345	70.6284
3	11.343	BB	0.501	2126.75977	65.19128	23.7905

Totals :

8939.52734 409.19397

Determination of enantiomeric excess of epoxide of 13 by HPLC

Table 3, entry 2



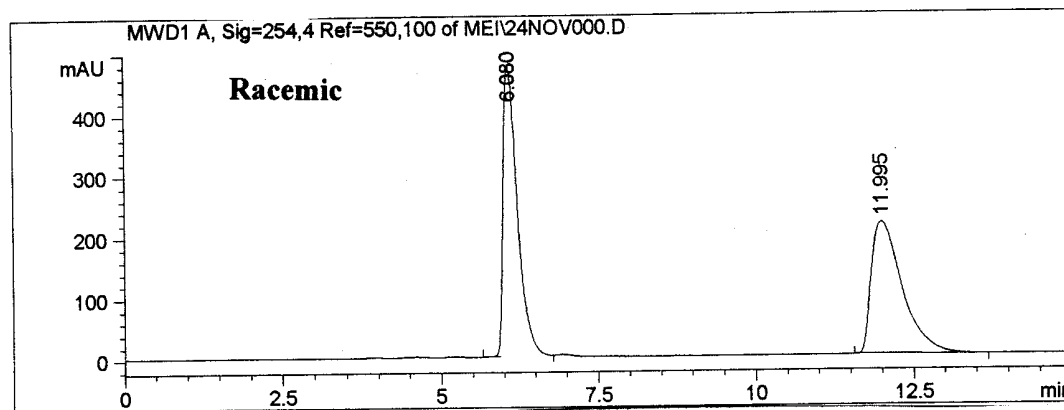
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

Solvents: n-hexane/IPA (90.0/10.0)

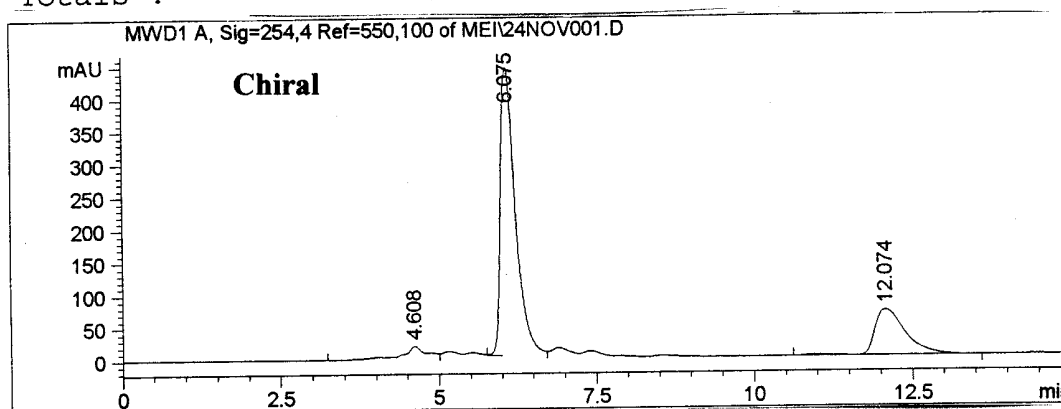
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.080	BV	0.246	7548.02686	474.27679	50.5884
2	11.995	BB	0.530	7372.42969	215.45961	49.4116

Totals : 14920.45703 689.73639



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	4.608	BV	0.314	416.40900	17.89818	4.1099
2	6.075	VV	0.255	7311.88867	441.48743	72.1670
3	12.074	BB	0.523	2403.60547	70.30433	23.7231

Totals : 10131.90332 529.68994

Determination of enantiomeric excess of epoxide of 13 by HPLC

Table 3, entry 3

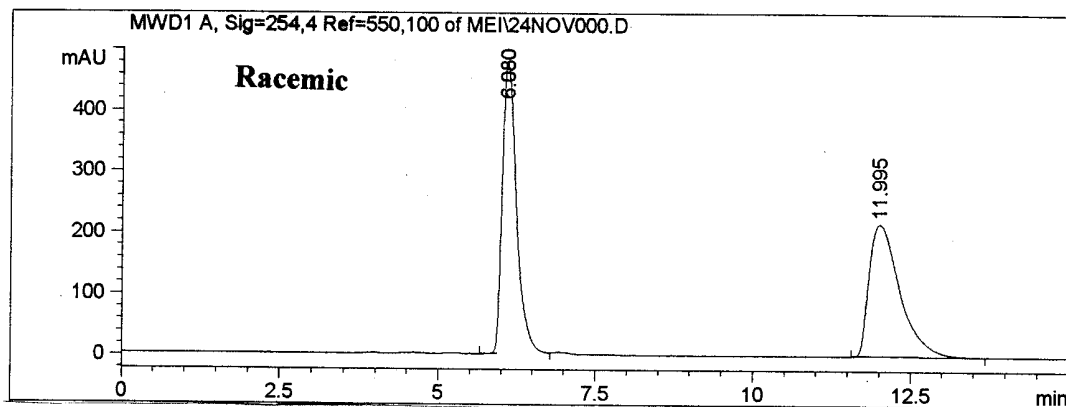
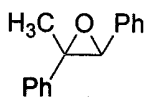
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

Solvents: n-hexane/IPA (90.0/10.0)

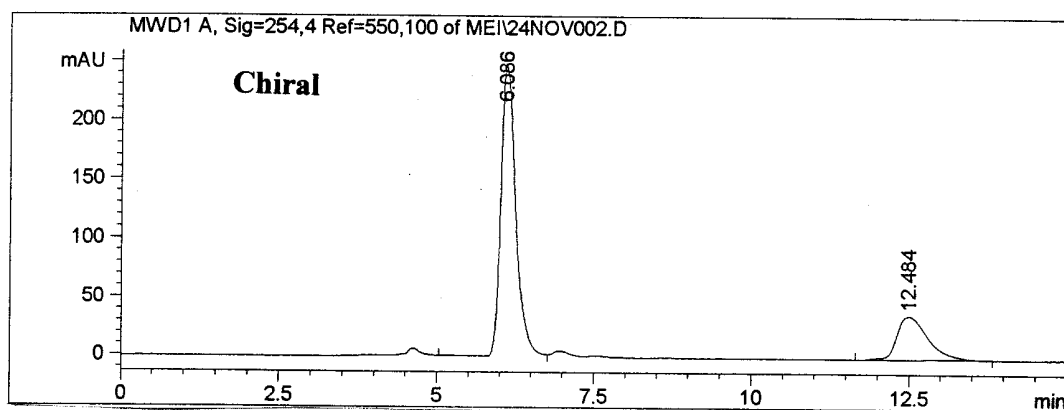
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.080	BV	0.246	7548.02686	474.27679	50.5884
2	11.995	BB	0.530	7372.42969	215.45961	49.4116

Totals : 14920.45703 689.73639

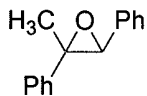


Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.086	PV	0.254	4024.51294	245.19695	75.6771
2	12.484	BB	0.529	1293.49536	37.16623	24.3229

Totals : 5318.00830 282.36316

Determination of enantiomeric excess of epoxide of 13 by HPLC

Table 3, entry 4



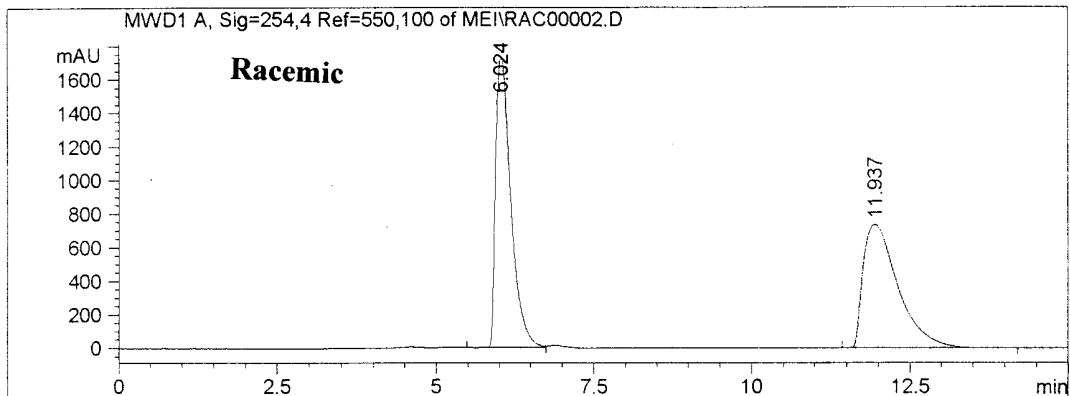
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

Solvents: n-hexane/IPA (90.0/10.0)

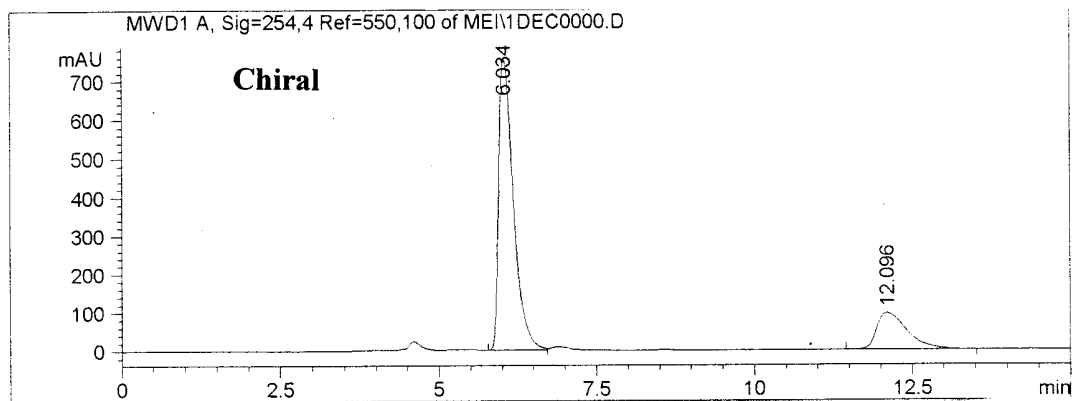
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.024	BV	0.262	29230.96680	1727.85425	50.8136
2	11.937	BB	0.593	28294.88867	735.85498	49.1864

Totals : 57525.85547 2463.70923

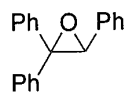


Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.034	BV	0.256	12407.69531	751.58984	79.4774
2	12.096	BB	0.524	3203.90967	95.28791	20.5226

Totals : 15611.60547 846.87775

Determination of enantiomeric excess of epoxide of 14 by HPLC

Table 3, entry 5



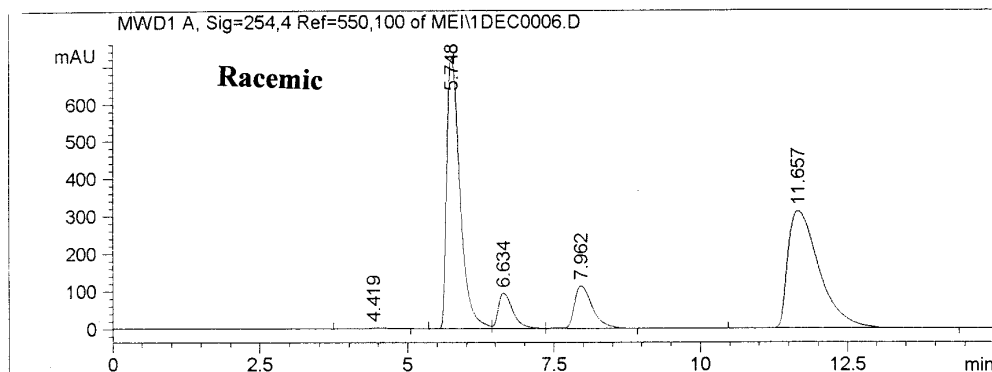
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

Solvents: n-hexane/IPA (90.0/10.0)

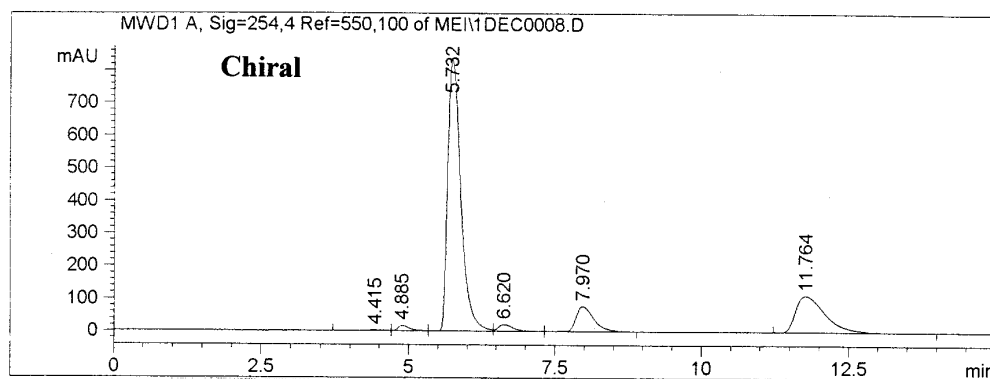
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	4.419	PV	0.388	61.13882	2.10409	0.2265
2	5.748	BV	0.245	11372.08691	720.48462	42.1303
3	6.634	VV	0.272	1628.90295	93.72545	6.0346
4	7.962	VV	0.334	2428.44556	112.79986	8.9967
5	11.657	BB	0.576	11502.07129	310.93521	42.6119

Totals : 26992.64648 1240.04919

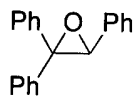


Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	4.415	PV	0.379	68.86162	2.45502	0.3545
2	4.885	VV	0.218	239.64899	16.61662	1.2336
3	5.732	VV	0.246	13084.69824	829.44830	67.3518
4	6.620	VV	0.286	390.24741	20.90193	2.0087
5	7.970	VV	0.339	1689.47485	77.48895	8.6964
6	11.764	BB	0.551	3954.44751	111.66781	20.3550

Totals : 19427.37891 1058.57861

Determination of enantiomeric excess of epoxide of 14 by HPLC

Table 3, entry 6



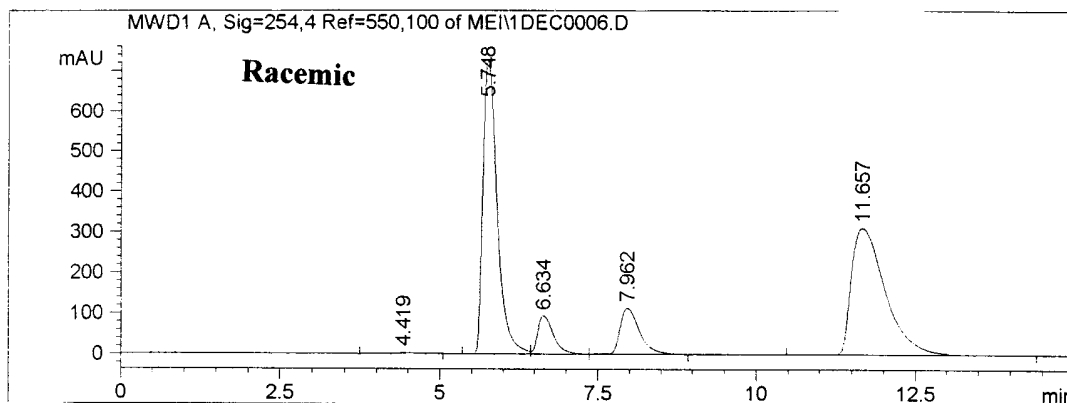
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-JK036)

Solvents: n-hexane/IPA (90.0/10.0)

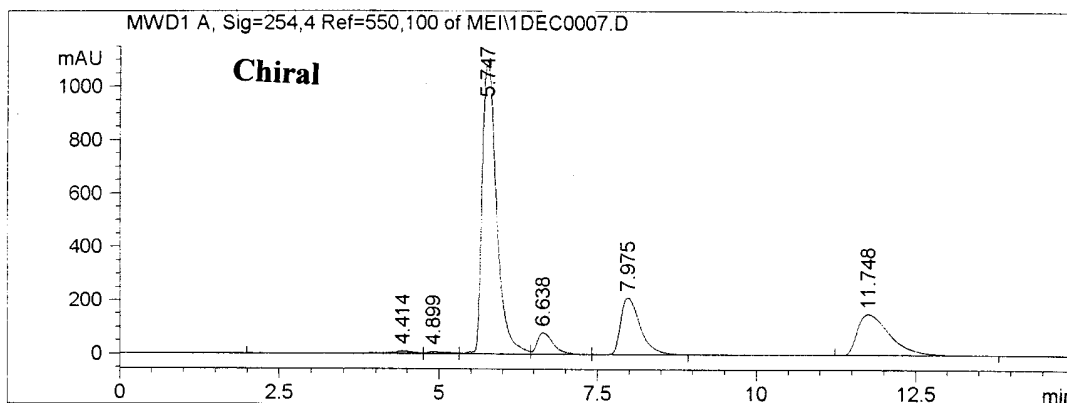
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	4.419	PV	0.388	61.13882	2.10409	0.2265
2	5.748	BV	0.245	11372.08691	720.48462	42.1303
3	6.634	VV	0.272	1628.90295	93.72545	6.0346
4	7.962	VV	0.334	2428.44556	112.79986	8.9967
5	11.657	BB	0.576	11502.07129	310.93521	42.6119

Totals : 26992.64648 1240.04919



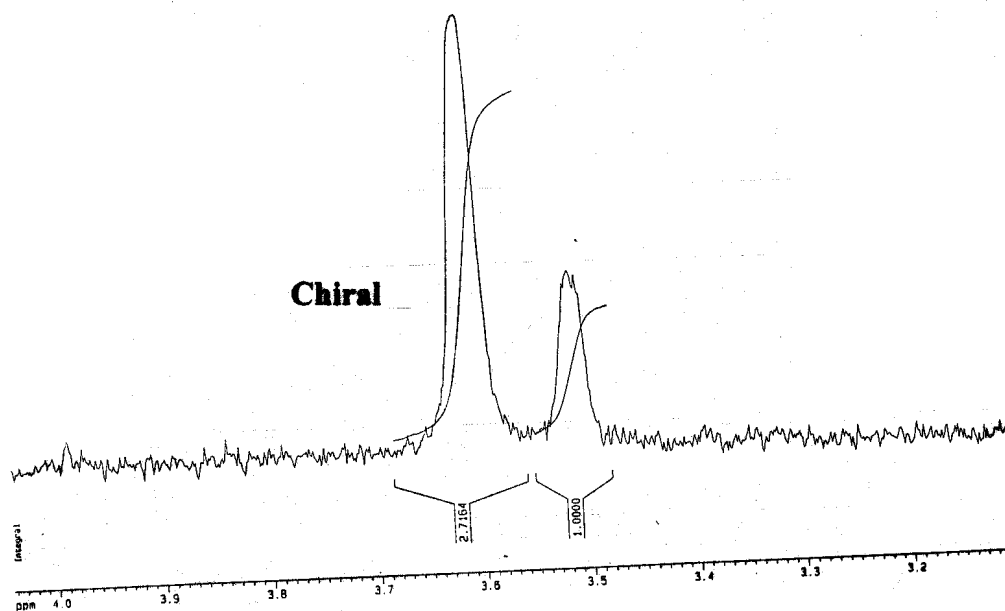
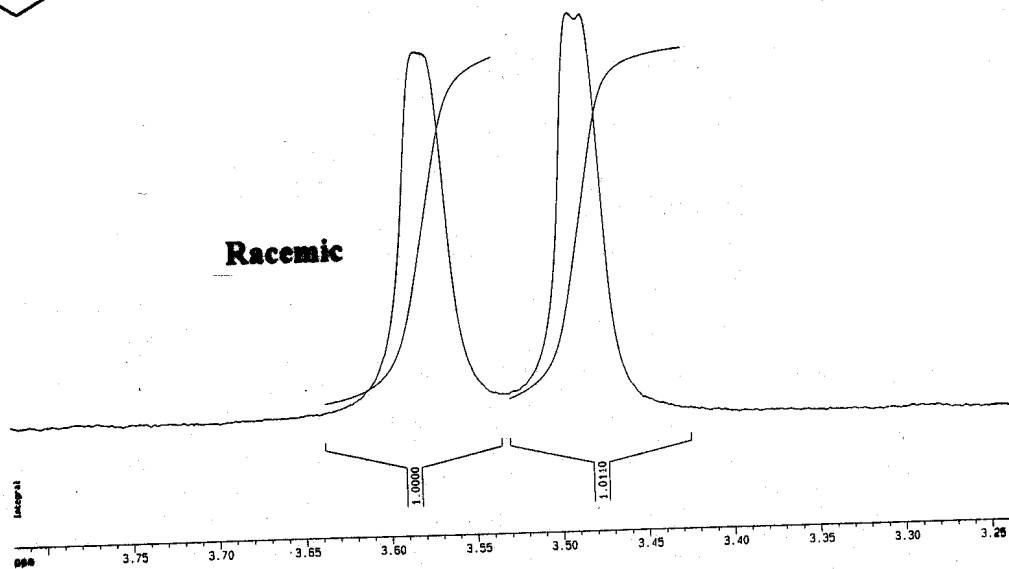
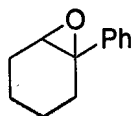
Peak #	RT [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	4.414	BV	0.410	319.07700	10.41580	1.0876
2	4.899	VV	0.282	170.72032	8.49095	0.5819
3	5.747	VV	0.248	17430.52930	1093.16675	59.4130
4	6.638	VV	0.277	1421.04541	79.80736	4.8437
5	7.975	VV	0.334	4549.32129	212.83951	15.5066
6	11.748	BB	0.559	5447.22949	152.21739	18.5672

Totals : 29337.92187 1556.93774

Determination of enantiomeric excess of epoxide of 15 by NMR

Table 3, entry 7

NMR Conditions
Chiral shift reagent: (hfc)₃Eu(III)

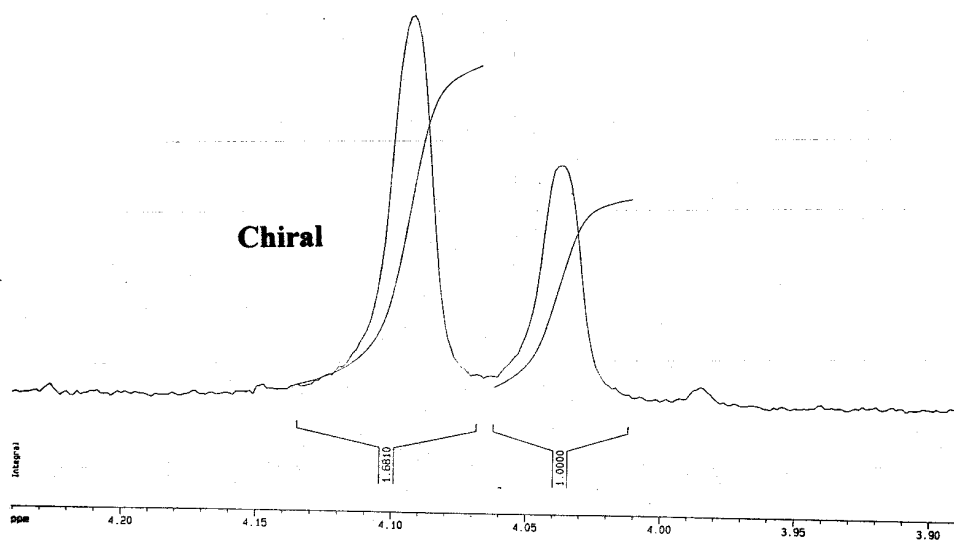
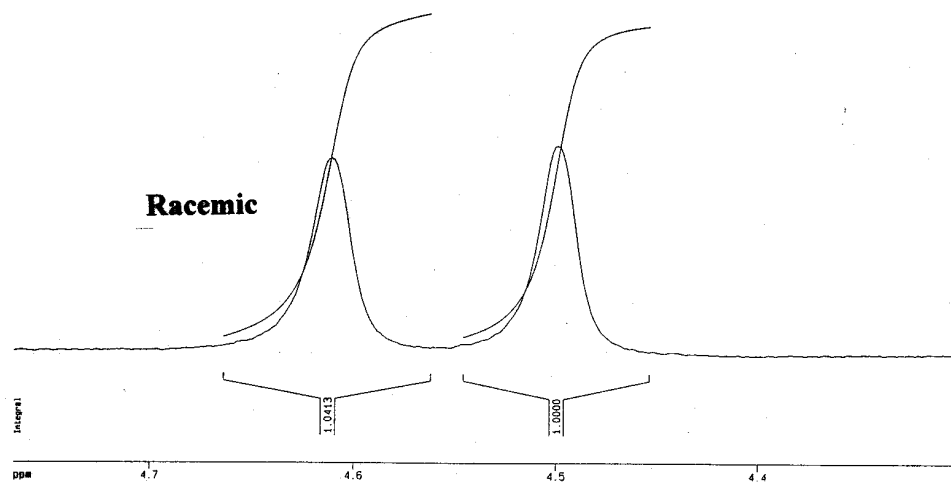
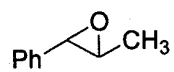


Determination of enantiomeric excess of epoxide of 16 by NMR

Table 3, entry 8

NMR Conditions

Chiral shift reagent: (hfc)₃Eu(III)

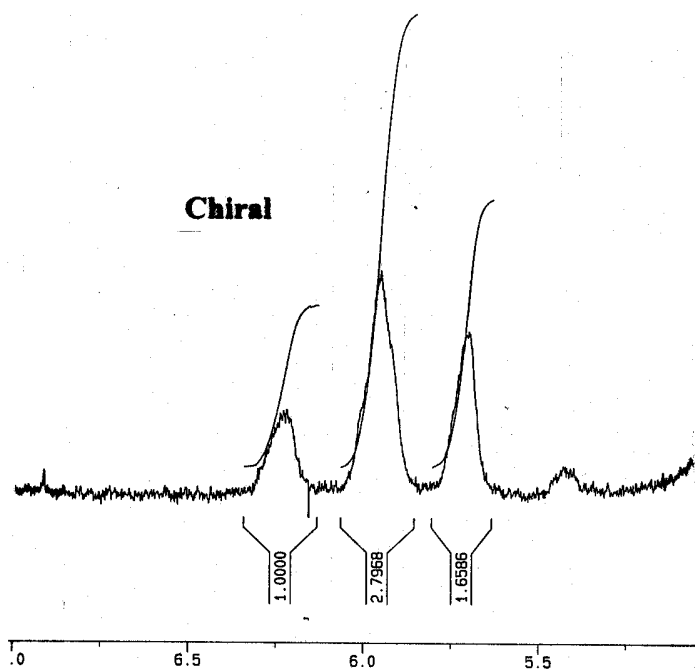
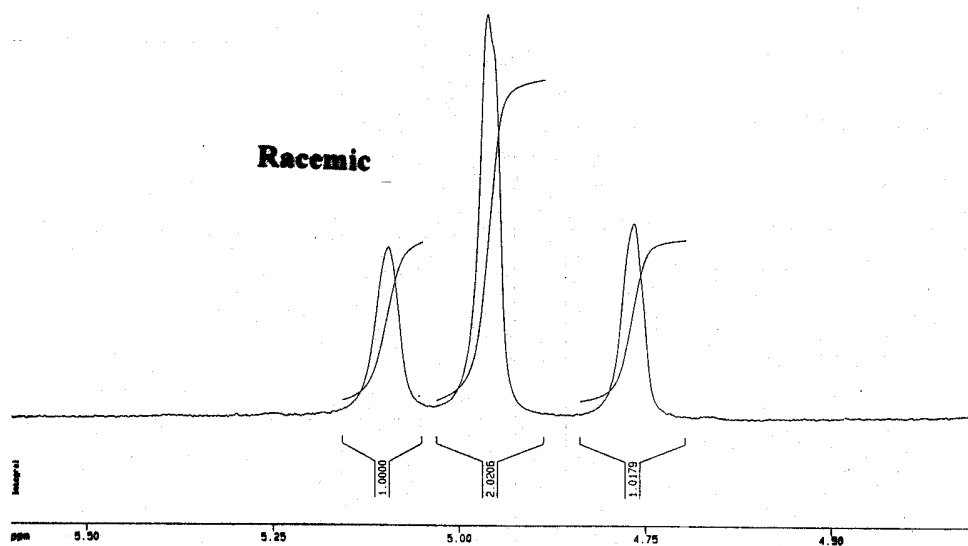
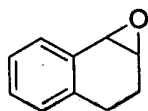


Determination of enantiomeric excess of epoxide of 17 by NMR

Table 3, entry 9

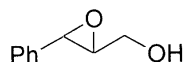
NMR Conditions

Chiral shift reagent: (hfc)₃Eu(III)



Determination of enantiomeric excess of epoxide of 18 by HPLC

Table 3, entry 10



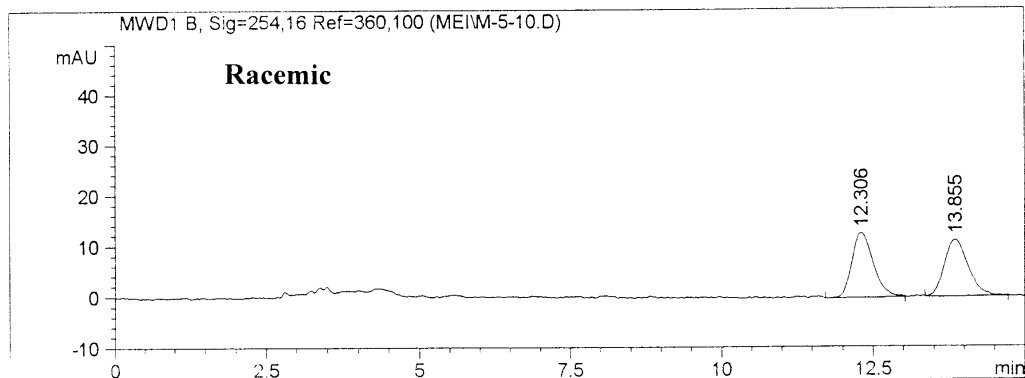
HPLC Conditions

Column: Chiralcel OD (Lot No. OD00CE-AH045)

Solvents: n-hexane/IPA (90.0/10.0)

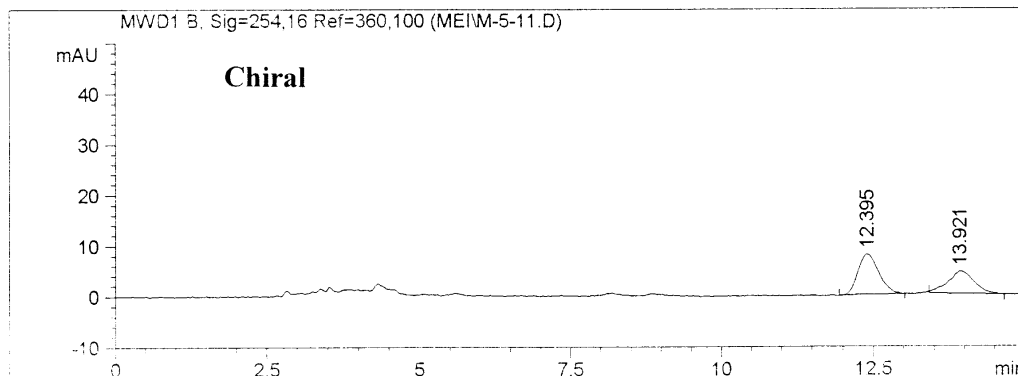
Flow rate: 1.0 mL/min

Detection: UV 254nm



Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	12.306	VB	0.3502	314.34644	12.81364	50.5979
2	13.855	VB	0.3981	306.91772	11.18590	49.4021

Totals : 621.26416 23.99954



Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	12.395	PB	0.3581	192.18394	8.17992	58.7000
2	13.921	BP	0.3655	135.21628	4.46206	41.3000

Totals : 327.40022 12.64199

CCOC[C@H]1CC[C@@H](C(=O)O)N1C(=O)OC(C)(C)C

4b



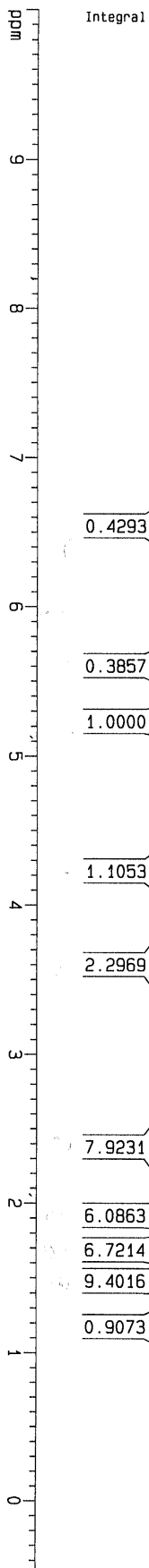
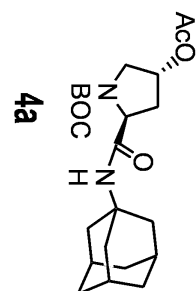
Current Data Parameters
NAME mel-3-7/3
EXPNO 10
PROCNO 1

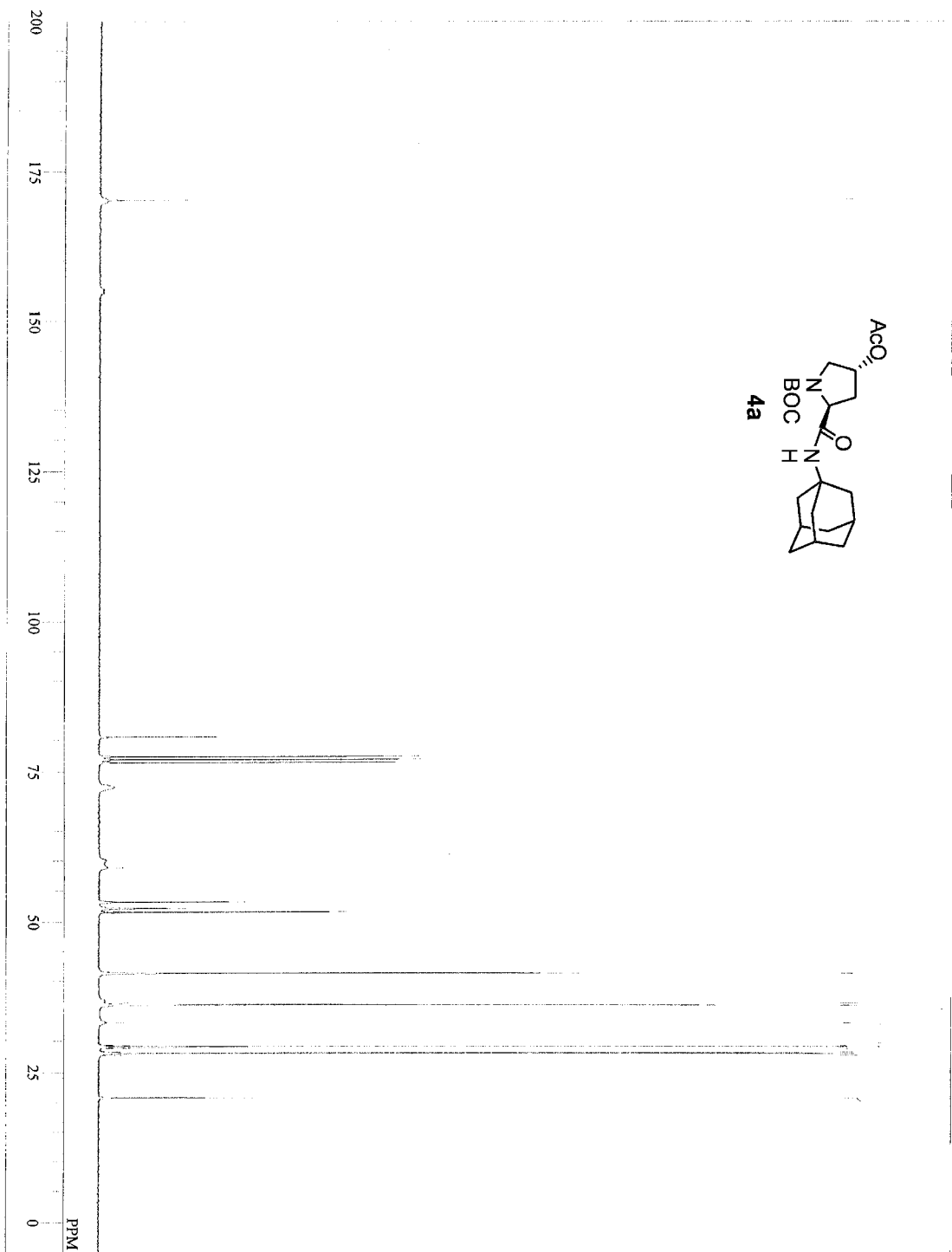
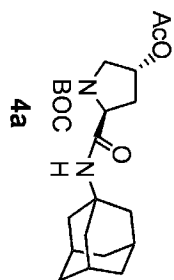
F2 - Acquisition Parameters
Date_ 2006059
Time 6:37
INSTRUM spect
PROBHD 5 mm DAI-13
PULPROG zgpg30
TO 32768
SOLVENT CDCl3
NS 16
DS 0
SWH 6172.839 Hz
FIDRES 0.186360 Hz
AQ 2.6542580 sec
RG 181
DE 81.000 usec
TE 300.0 K
D1 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 9.00 usec
PL1 -6.00 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1300028 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

10 NMR plot parameters
CX 26.00 cm
F1P 10.000 ppm
F1 3001.30 Hz
F2P -0.500 ppm
F2 -150.07 Hz
PPOHOM 0.40385 ppm/cm
HZCM 121.20634 Hz/cm





MENT.BGBCM
 OBNUEC
 OFR 67.80 MHz
 OBSE1 135.00 KHz
 OBFIN 5200.0 Hz
 PW1 11.0 us
 DEADT 27.3 us
 PREDL 0.2000 ms
 IWT 1.0 sec
 POINT 32768
 SPO 32768
 TIMES 50000
 DUMMY 1
 FREQU 18348.6 Hz
 FLT 9150 Hz
 DELAY 21.9 us
 ACQTM 1.786 sec
 PD 3.500 sec
 ADBIT 16.00
 RGAIN 28
 BF 1.00 Hz
 T1 0.00
 T2 0.00
 T3 90.00
 T4 100.00
 EXMGBGBCM
 EXPCMB:SGBCM:Single pulse Bilevel:comple
 IRNUQH
 IFR 270.05 MHz
 IRSET 112.00 KHz
 IREFN 5800.0 Hz
 IRRPW 45 us
 IRATN 20
 DELEC:WINNMR95:COMMON_DEFAULT
 SF THS
 LKSET 64.60 KHz
 LKEN 59.0 Hz
 LKLEV 220
 LGAIN 20
 LKPHS 125
 LKSIG 339
 CSPED 14 Hz
 FILDC
 FILDF

Current Data Parameters
NAME mai-3-11
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters

Date_ 20000613
Time 9.12
INSTRUM dpz300
PROBHD 5 mm Dui1 13
PULPROG 2930
TO 32768
SOLVENT CDCl3
NS 17
DS 0
SWH 6172.839 Hz
FIDRES 0.168360 Hz
AQ 2.5542560 sec
RG 90.5
DM 81.000 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec

===== CHANNEL f1 =====

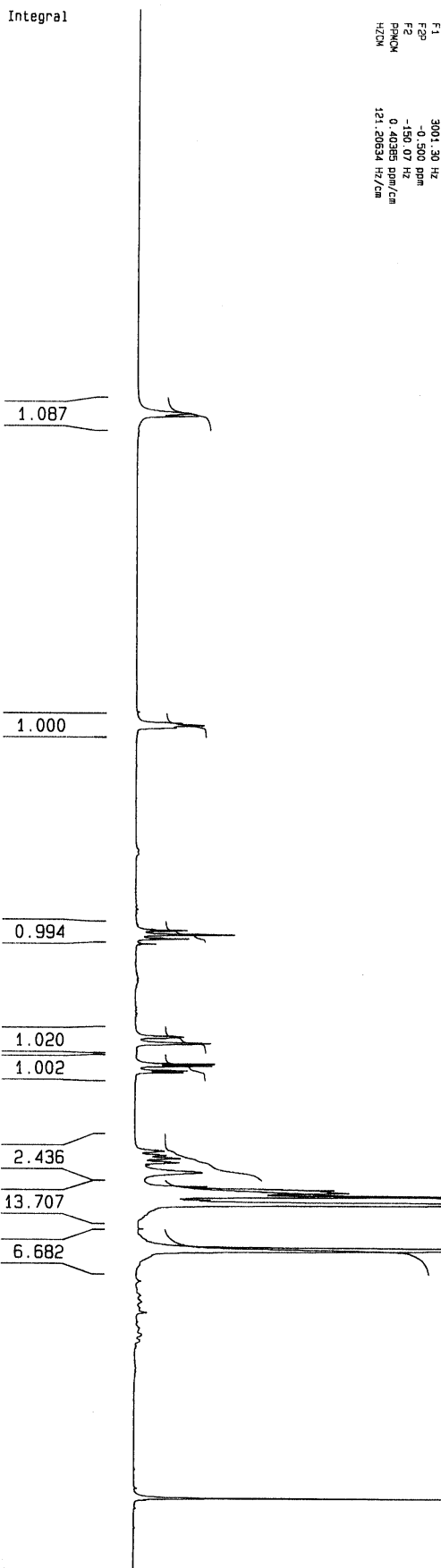
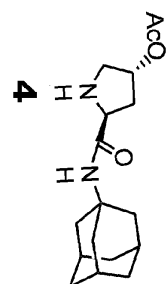
NUC1 ¹H
P1 9.00 usec
PL1 -6.00 dB
SFO1 300.1318534 MHz

F2 - Processing parameters

SF 300.125956 MHz
WDW EN
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters

CF 26.00 cm
F1P 10.000 ppm
F1 3001.30 Hz
F2P -0.500 ppm
F2 -130.07 Hz
PNUCK 0.40483 ppm/cm
HZCK 121.40634 Hz/cm



Current Data Parameters
NAME rel-3-11
EXPNO 20
PROCNO 1

F2 - Acquisition Parameters

Date_ 20080613
Time 11:14
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 2
DS 2
SWH 23899.523 Hz
FIDRES 0.363304 Hz
AQ 1.276361 sec
RG 327.5
DQ 21.000 usec
DE 4.50 usec
TE 300.2 K
D1 1.0000000 sec
d11 0.0500000 sec
d12 0.0000000 sec

===== CHANNEL f1 =====
NUC1 13C
P1 8.40 usec
PL1 -2.00 dB
SFO1 75.471525 MHz

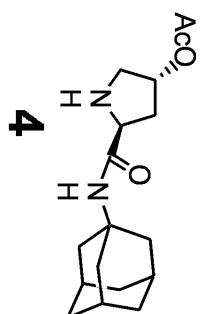
===== CHANNEL f2 =====
CPROG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -6.00 dB
PL12 18.00 dB
PL13 18.00 dB
SFO2 300.1315003 MHz

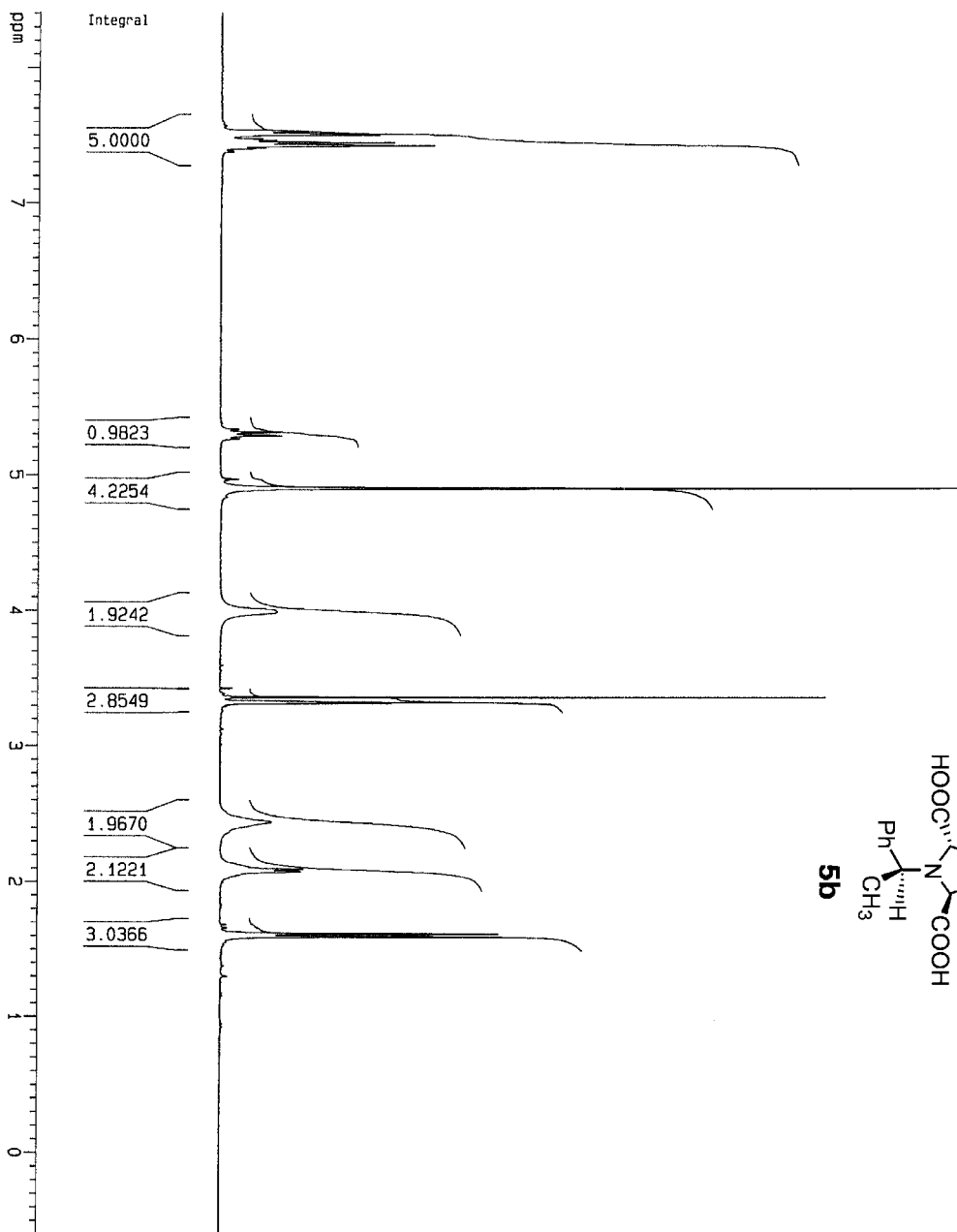
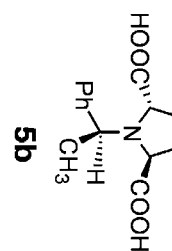
F2 - Processing parameters

SI 32768
SF 75.4677518 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR D1C parameters:

CK 25.00 cm
FIP 280.000 ppm
F1 21136.97 Hz
F2 115.000 ppm
F3 115.000 ppm
FREQM 11.80000 ppm/cm
H2DM 880.51947 Hz/cm





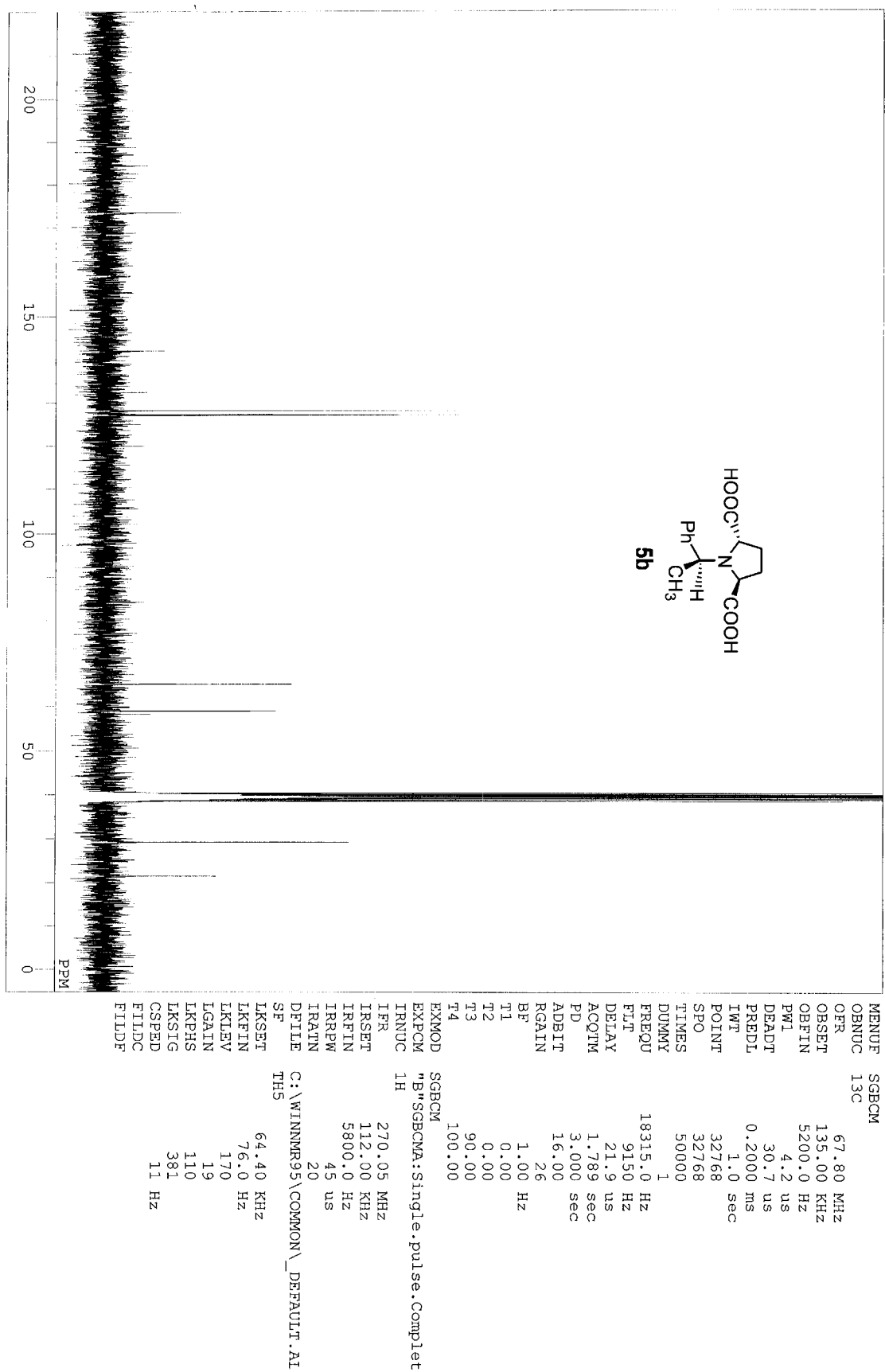
Current Data Parameters
 NAME 7-11-1
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000711
 Time 15:22
 INSTRUM dpx300
 PROBHD 5 mm Dual 13
 PULPROG zg30
 TD 32768
 SOLVENT MeOH
 NS 16
 DS 0
 SMH 6172.839 Hz
 FIDRES 0.188380 Hz
 AQ 2.6542580 sec
 RG 362
 DM 81.000 usec
 DE 6.00 usec
 TE 300.0 K
 D1 1.00000000 sec

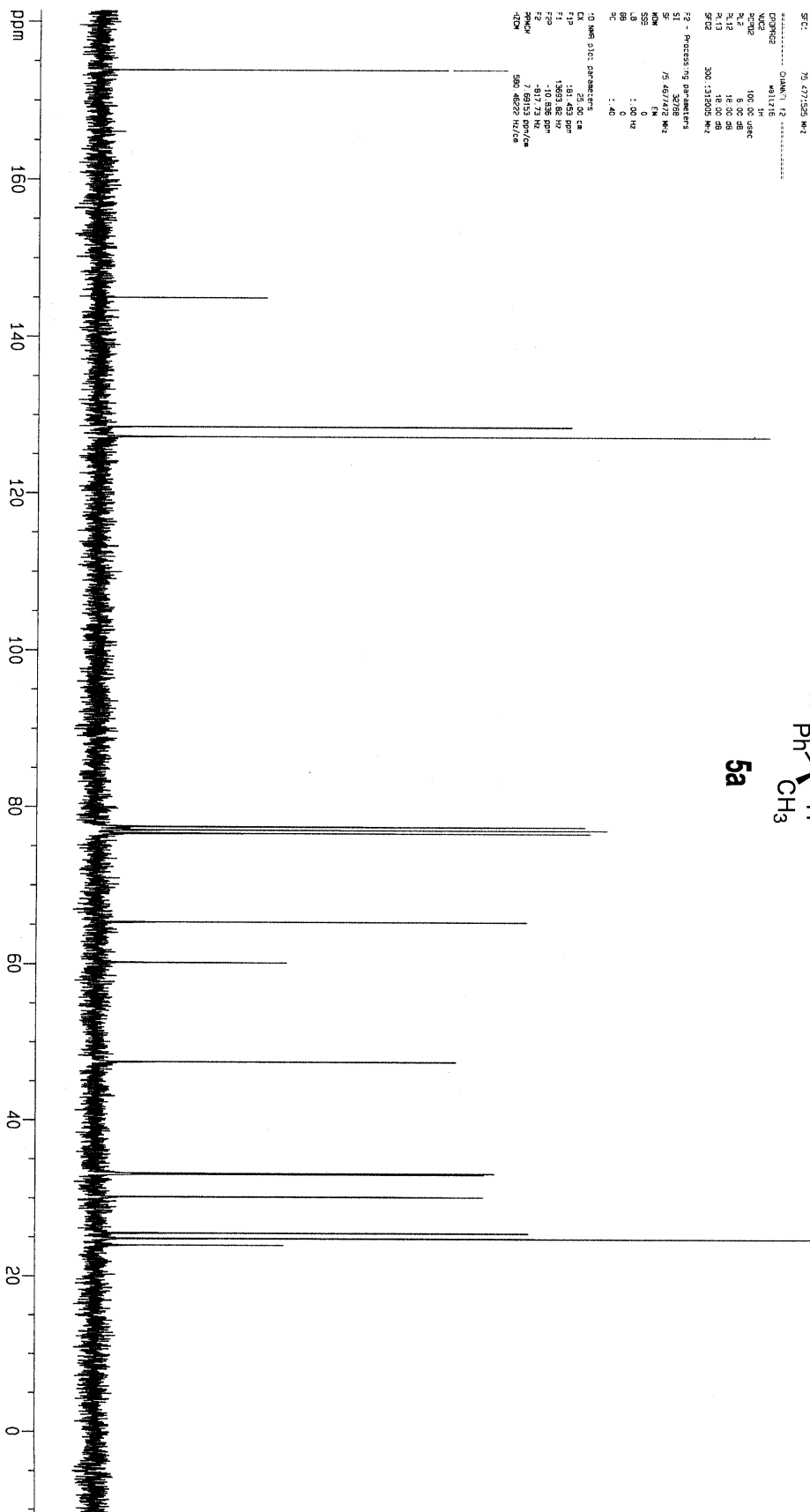
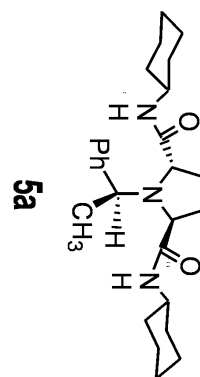
===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 -6.00 dB
 SFO1 300.1318534 MHz

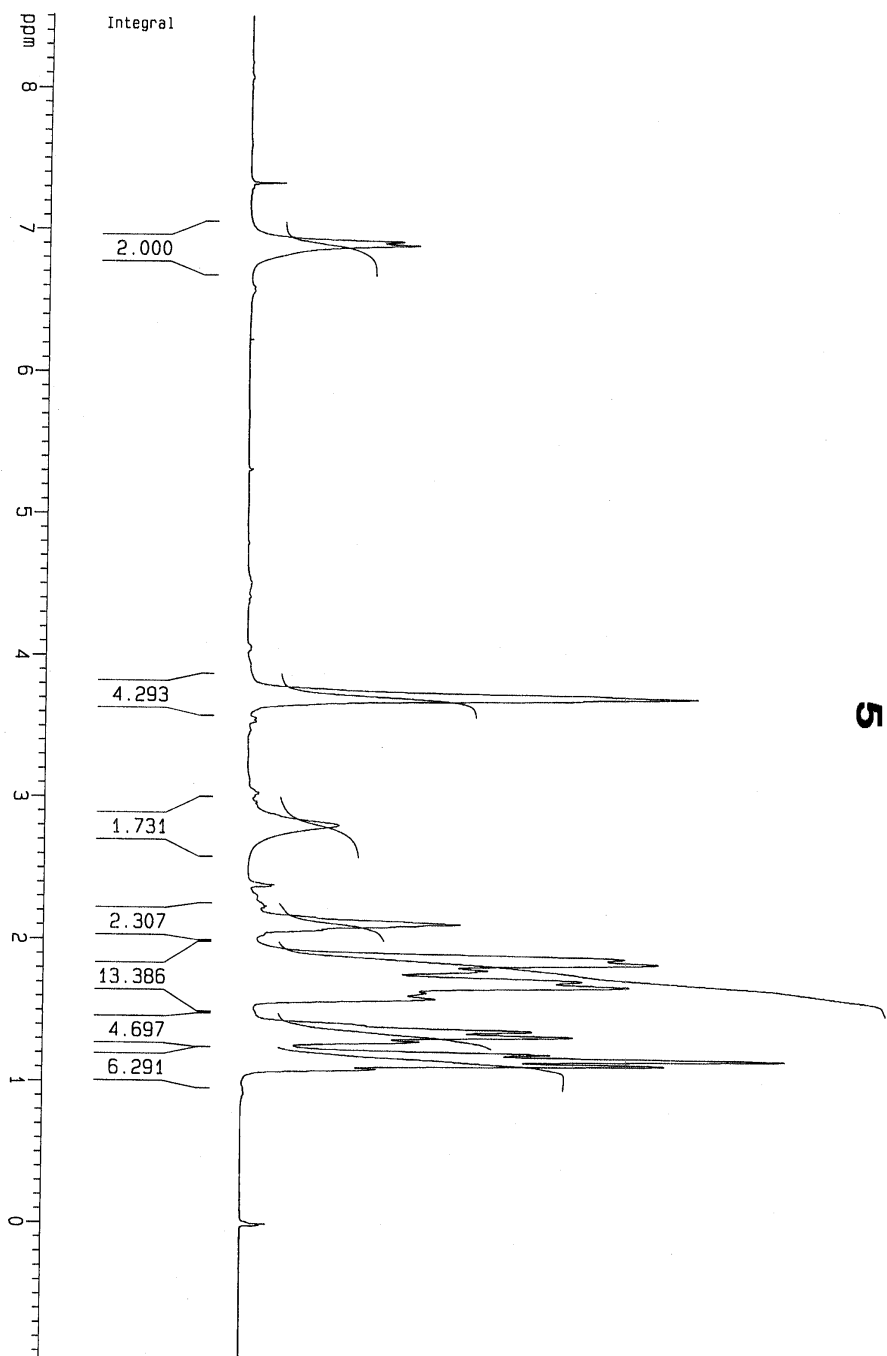
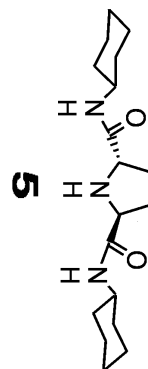
F2 - Processing parameters
 SI 32768
 SF 300.1300011 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 8.406 ppm
 F1 2523.02 Hz
 F2P -0.641 ppm
 F2 -192.25 Hz
 PPM0H 0.45235 ppm/cm
 HZCM 135.76340 Hz/cm



Current Data Parameters
NAME: 4-25-1
EXPNO: 4-25-20
PROCNO: 1
F2 - Acquisition Parameters
Date_ Time: 20060426 13:37
INSTRUM: spect
PROBHD: 5 mm DNP-1H
PULPROG: zgpg30
TD: 65536
SOLVENT: DMS-D6
C1: 1
C2: 2
C3: 3
SFO: 400.146 MHz
FIDRES: 0.36364 Hz
AQ: 0.02000000 sec
RG: 1166.2
WV: 2
PC: 2.00000000 sec
F2 - Processing parameters
SI: 32768
SF: 400.146 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40
F2 - Acquisition Parameters
Date_ Time: 20060426 13:37
INSTRUM: spect
PROBHD: 5 mm DNP-1H
PULPROG: zgpg30
TD: 65536
SOLVENT: DMS-D6
C1: 1
C2: 2
C3: 3
SFO: 400.146 MHz
FIDRES: 0.36364 Hz
AQ: 0.02000000 sec
RG: 1166.2
WV: 2
PC: 2.00000000 sec
F2 - Processing parameters
SI: 32768
SF: 400.146 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40
F2 - Acquisition Parameters
Date_ Time: 20060426 13:37
INSTRUM: spect
PROBHD: 5 mm DNP-1H
PULPROG: zgpg30
TD: 65536
SOLVENT: DMS-D6
C1: 1
C2: 2
C3: 3
SFO: 400.146 MHz
FIDRES: 0.36364 Hz
AQ: 0.02000000 sec
RG: 1166.2
WV: 2
PC: 2.00000000 sec
F2 - Processing parameters
SI: 32768
SF: 400.146 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40





Current Data Parameters

NAME	11-25-1
EXPNO	10
PROCNO	1

F2 - Acquisition Parameters

Date_	20001126
Time	5.15
INSTRUM	dpX300
PROBHD	5 mm BBO

PULPROG

TD	2030
SOLVENT	32768
NS	13
DS	0
SMH	6172.839 Hz
FIDRES	0.188380 Hz
AQ	2.6542580 sec
RG	45.3
DW	81.000 usec
DE	6.00 usec
TE	300.0 K
D1	1.00000000 sec

===== CHANNEL f1 =====

NUC1 1H

P1 9.00 usec

PL1 -6.00 dB

SFO1 300.1318534 MHz

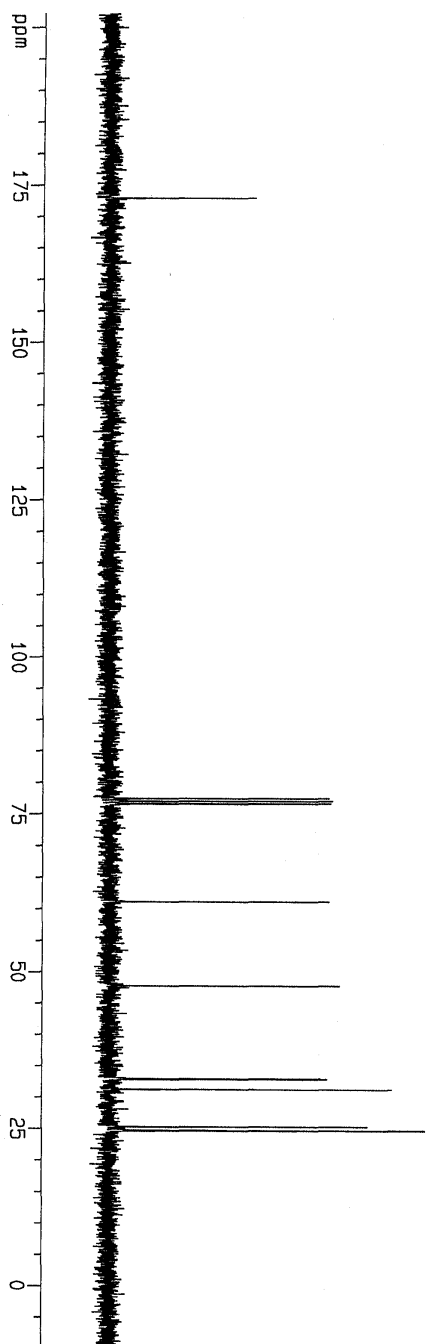
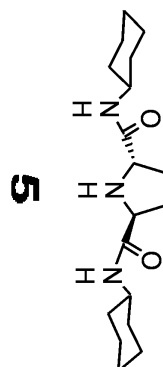
F2 - Processing parameters

SI	32768
SF	300.1299634 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

1D NMR plot parameters

CX	20.00 cm
F1P	8.509 ppm
F1	2553.75 Hz
F2P	-0.972 ppm
F2	-291.75 Hz
PPMCM	0.47404 ppm/cm
HZCM	142.27483 Hz/cm

ppm



```

Current Data Parameters
NAME      11-25-1c
EXPNO     11
PROCNO    1

F2 - Acquisition Parameters
Date_     20001126
Time      5.17
INSTRUM   dpx300
PROBHD    5 mm BBO

PULPROG   zgpg30
TD         32768
SOLVENT    CDCl3
NS         15
DS         0
SWH         18832.383 Hz
FIDRES     0.574719 Hz
AQ         0.8700404 sec
RG         13004
DM         26.550 usec
DE         6.00 usec
TE         300.0 K
D1         2.00000000 sec
d11        0.03000000 sec
d12        0.00002000 sec

===== CHANNEL f1 =====
NUC1       13C
P1         8.40 usec
PL1        -3.00 dB
SFO1       75.4750200 MHz

===== CHANNEL f2 =====
CPOPRG62   waltz16
NUC2       1H
PCPD2      100.00 usec
PL2        -6.00 dB
PL12       18.00 dB
PL13       18.00 dB
SFO2       300.1312005 MHz

F2 - Processing parameters
SI         32768
SF         75.4677584 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         1.40

1D NMR plot parameters
CX         20.00 cm
F1P        202.129 ppm
F1         15254.20 Hz
F2P        -10.561 ppm
F2         -797.03 Hz
PRMCH      10.63450 ppm/cm
HZCM       802.56177 Hz/cm
  
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