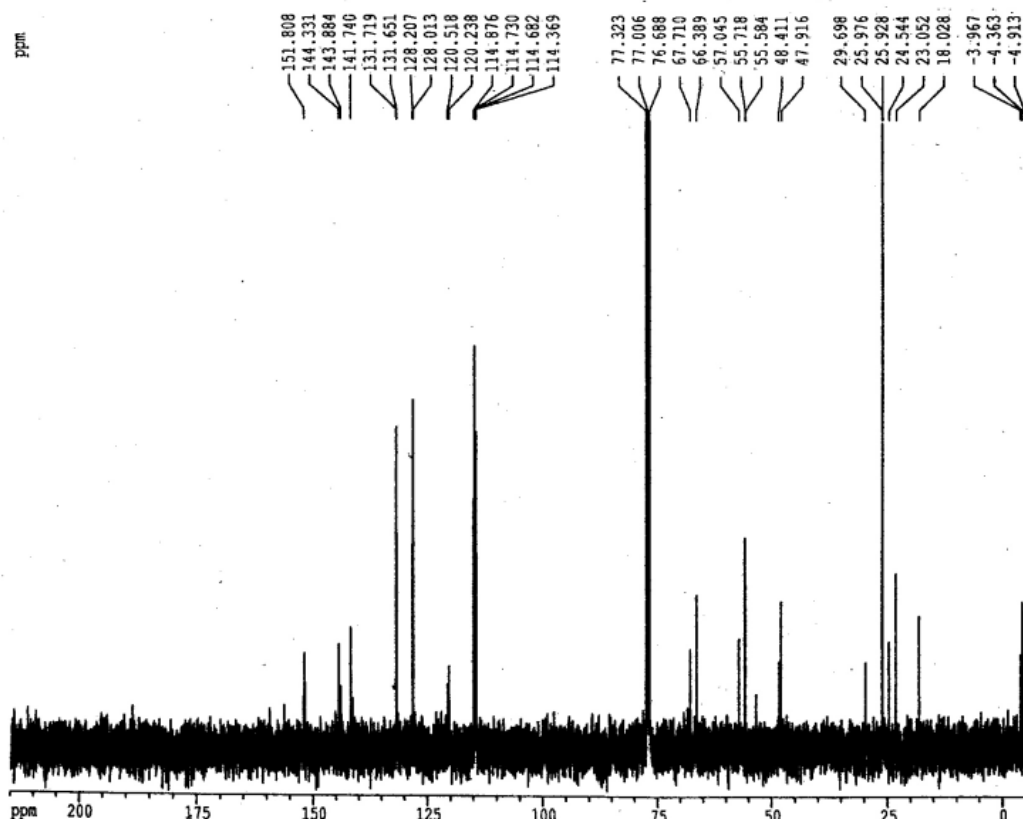
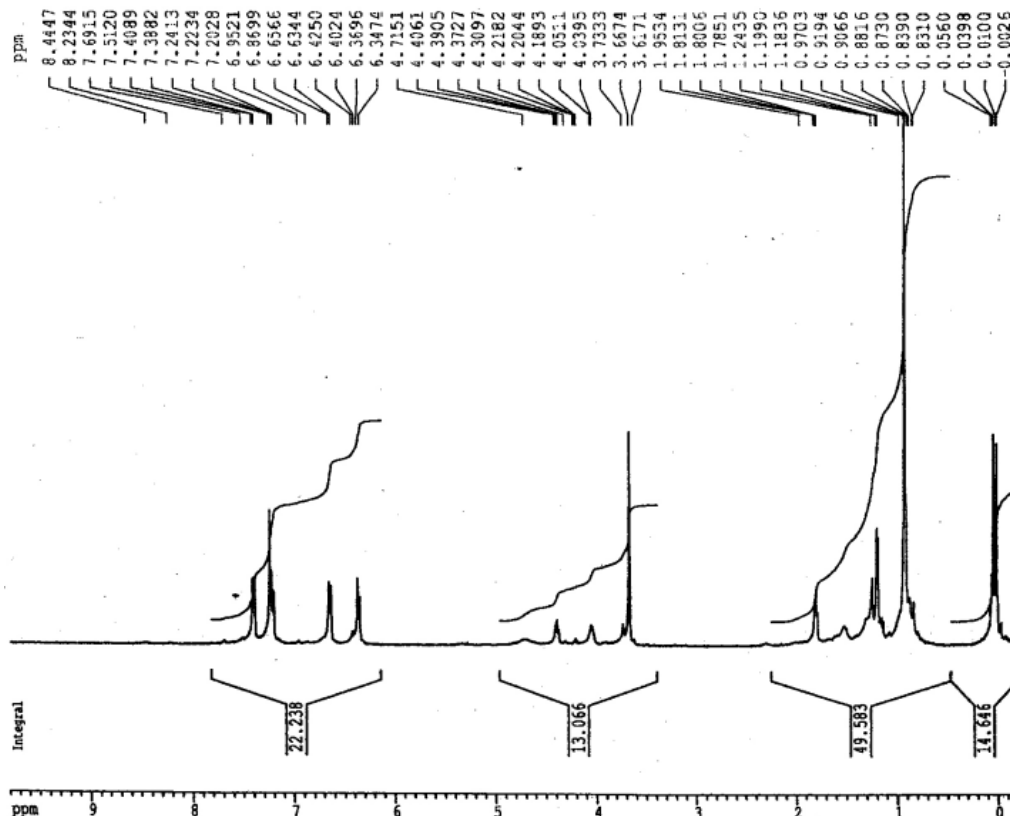


Current Data Parameters
NAME Mar14-03-hayash
EXPNO 78
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030314
Time 20.02
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 228.1
DM 60.800 usec
DE 6.80 usec
TE 300.0 K
D1 1.00000000 sec
P1 7.90 usec
SFO1 400.1324710 MHz
NUC1 1H
PL1 3.00 dB

F2 - Processing parameters
SI 16384
SF 400.1300157 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
FIP 9.800 ppm
F1 3921.27 Hz
F2P -0.200 ppm
F2 -80.03 Hz
PPMCM 0.50000 ppm/cm
RECM 200.06500 Hz/cm

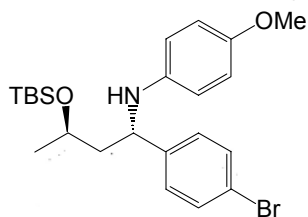
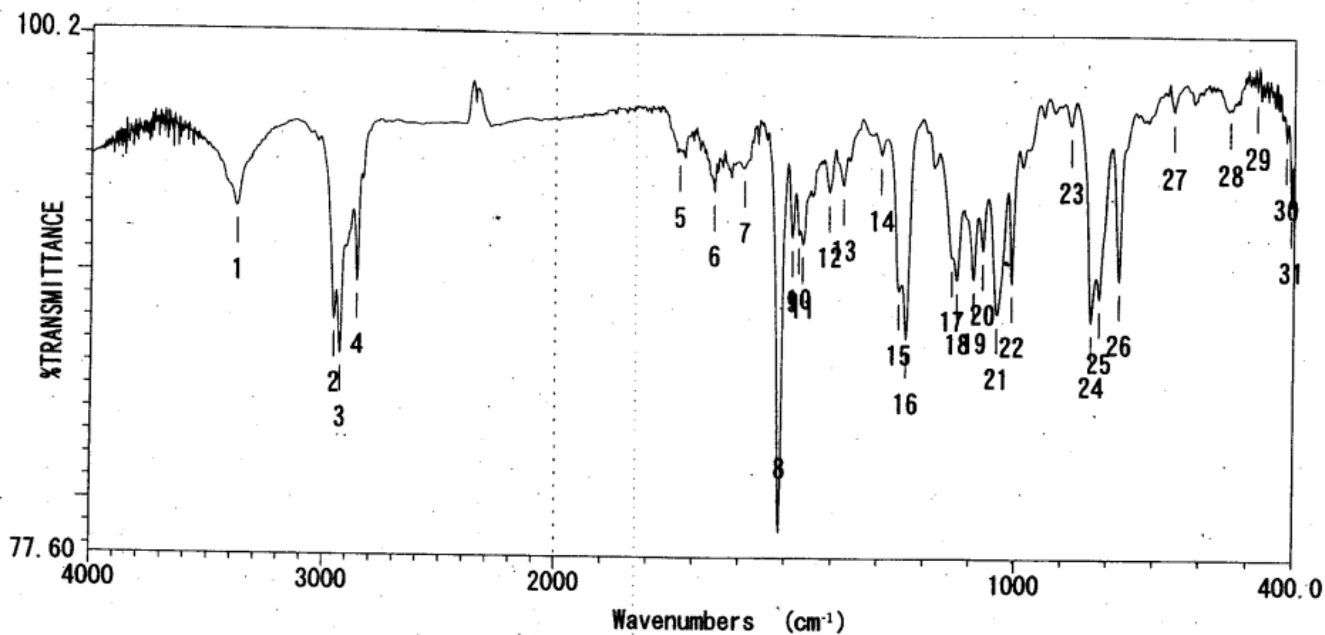


Current Data Parameters
NAME Jul05-03-hayash
EXPNO 44
PROCNO 1

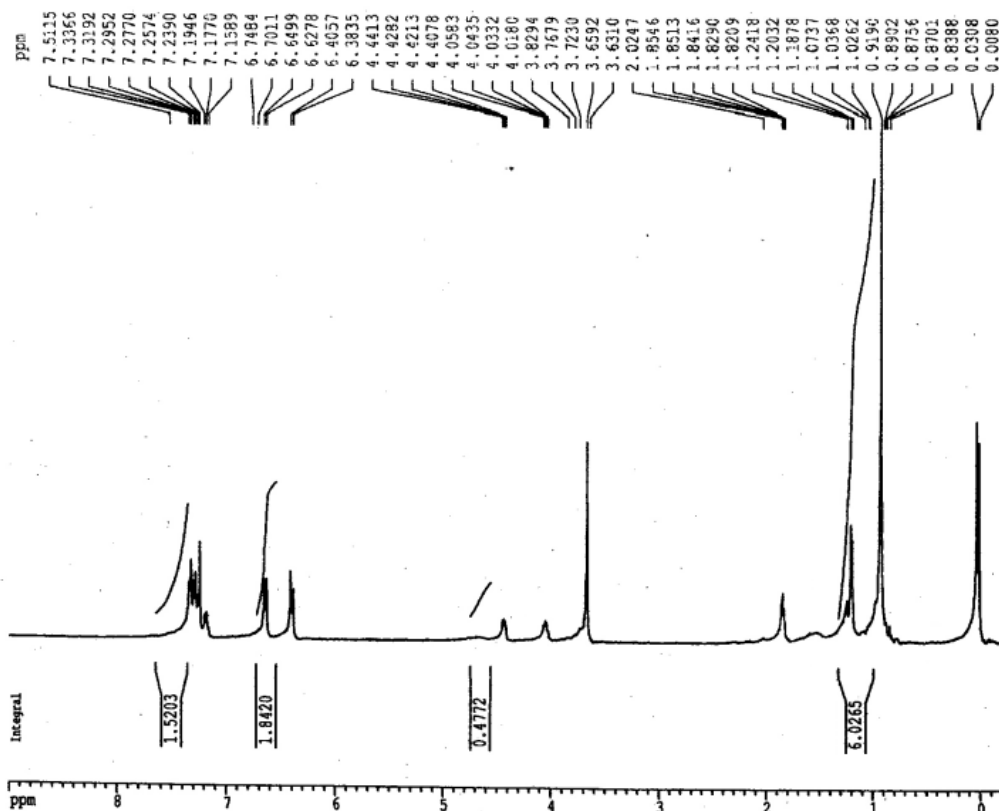
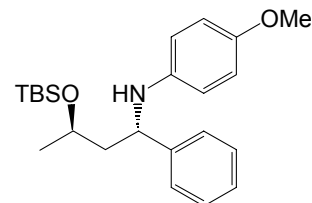
F2 - Acquisition Parameters
Date_ 20030705
Time 17.54
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 409
DS 2
SWH 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289652 sec
RG 4096
DM 15.700 usec
DE 6.00 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.00002000 sec
EL13 22.00 dB
D1 2.00000000 sec
CYPRG2 waltz16
PCPD2 80.00 usec
SFO2 400.1316005 MHz
NUC2 1H
PL2 3.00 dB
PL12 22.00 dB
P1 9.30 usec
SFO1 100.6254358 MHz
NUC1 13C
PL1 3.00 dB

F2 - Processing parameters
SI 32768
SF 100.6127688 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
FIP 215.000 ppm
F1 21631.75 Hz
F2P -5.000 ppm
F2 -503.06 Hz
PPMCM 11.00000 ppm/cm
RECM 1106.74048 Hz/cm



ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号
01	3374.82	92.8375	10	1471.42	91.7703	19	1091.51	89.8691	28
02	2954.41	87.8832	11	1463.71	91.3510	20	1072.23	91.1180	29
03	2927.41	86.3809	12	1405.85	93.6159	21	1041.37	88.2920	30
04	2856.06	89.5875	13	1375.00	93.9251	22	1008.59	89.6934	31
05	1729.83	95.3369	14	1294.00	95.2478	23	879.381	96.4799	
06	1654.62	93.6363	15	1255.43	89.3212	24	835.026	87.9467	
07	1589.06	94.6650	16	1240.00	87.1856	25	817.670	89.0062	
08	1511.92	78.7111	17	1139.72	90.8147	26	775.244	89.7986	
09	1484.92	91.6326	18	1128.15	89.8226	27	657.607	97.1215	

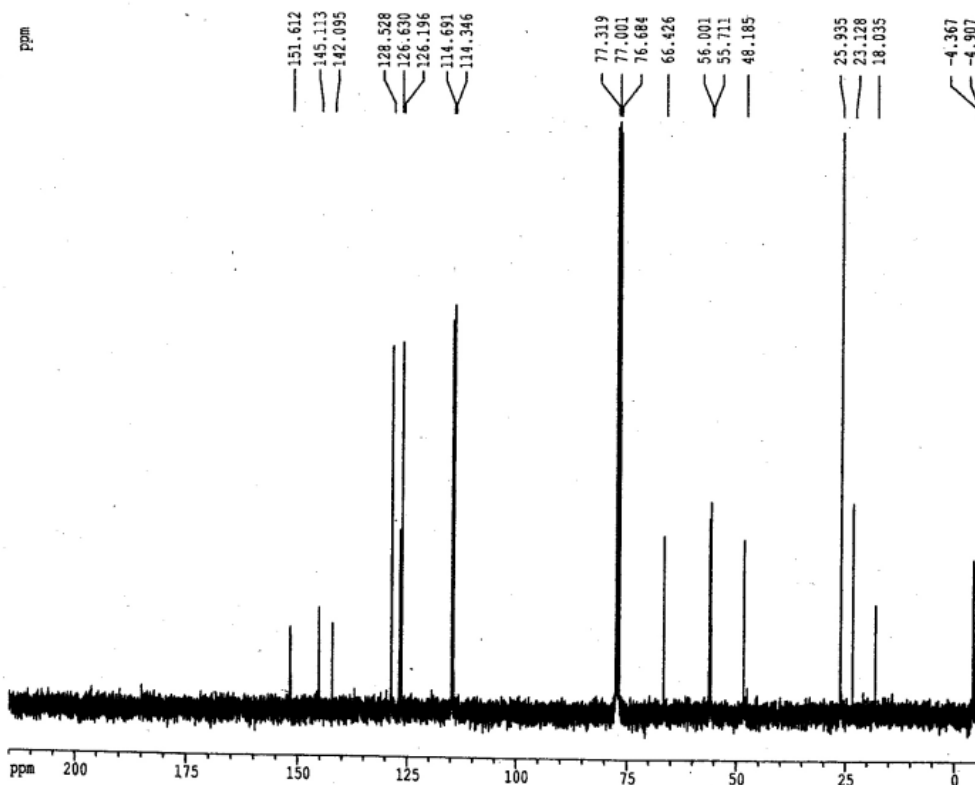


Current Data Parameters
NAME Mar15-03-hayash
EXPNO 43
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030315
Time 15.46
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 256
DW 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
P1 7.90 usec
SFO1 400.1324710 MHz
NUC1 1H
PL1 3.00 dB

F2 - Processing parameters
SI 16384
SF 400.1300152 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
FIP 9.000 ppm
F1 3601.17 Hz
F2P -0.200 ppm
F2 -80.03 Hz
PPMCH 0.46000 ppm/cm
HZCH 184.05980 Hz/cm

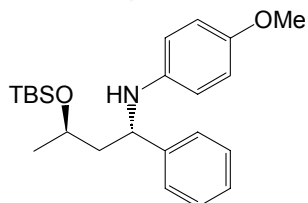
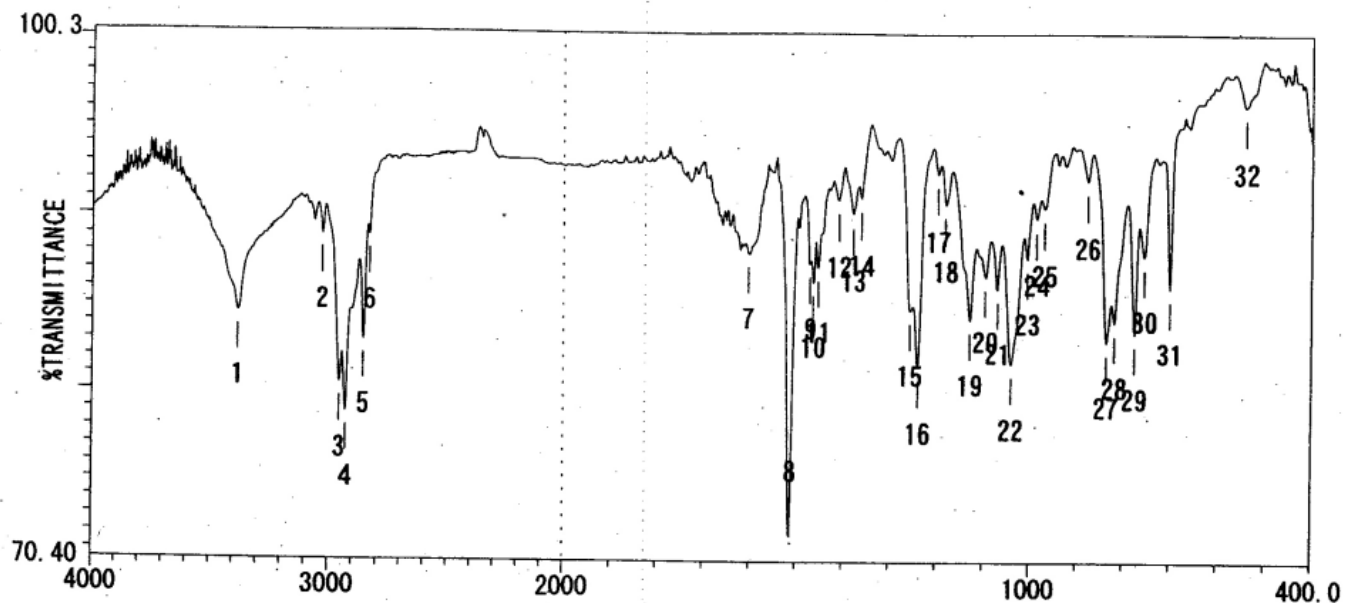


Current Data Parameters
NAME May13-03-hayash
EXPNO 75
PROCNO 1

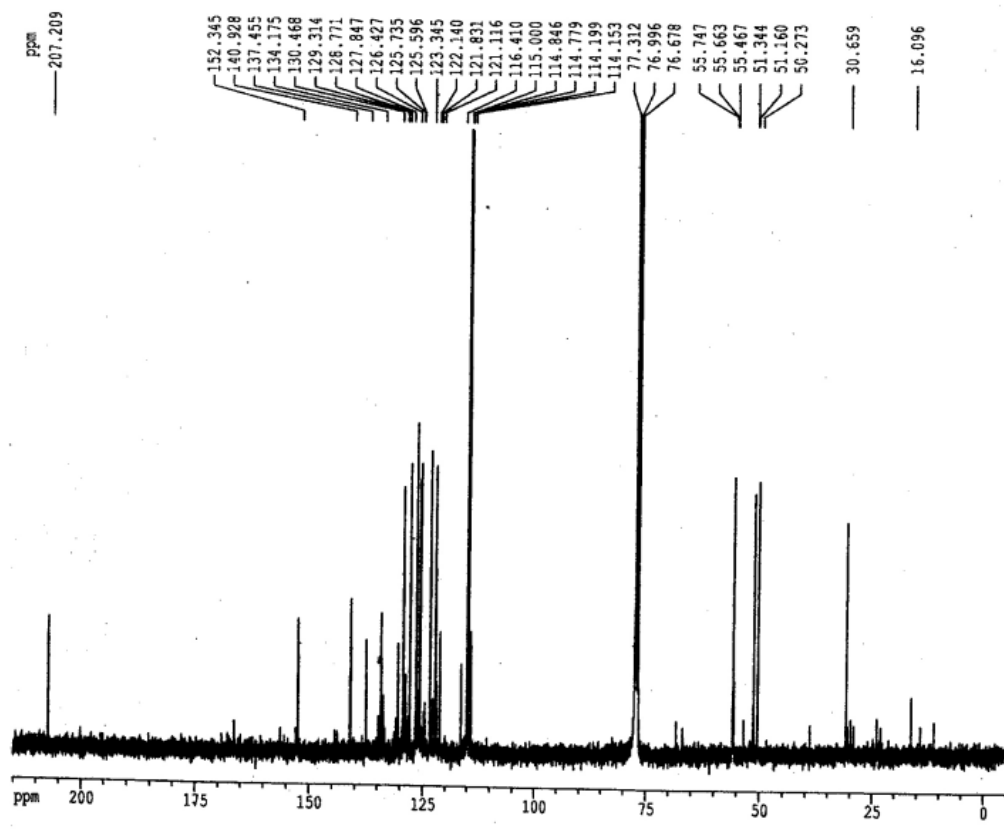
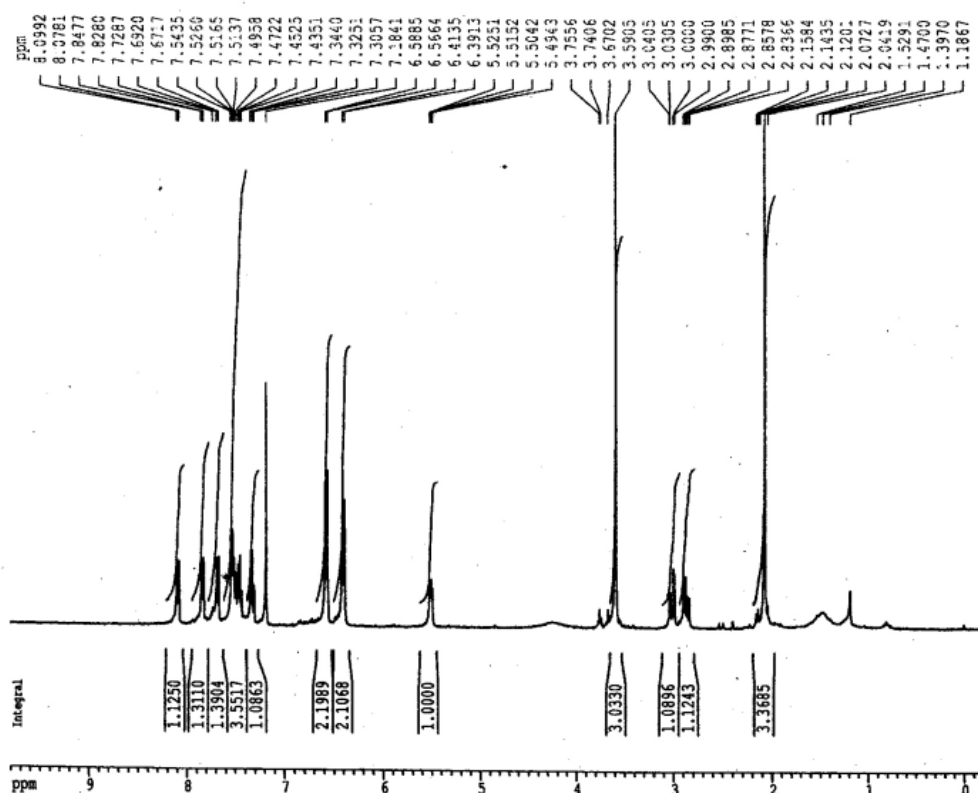
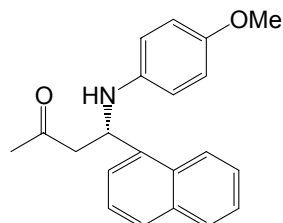
F2 - Acquisition Parameters
Date_ 20030513
Time 16.22
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 351
DS 2
SWH 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289652 sec
RG 2048
DW 15.700 usec
DE 6.00 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.00002000 sec
PL13 22.00 dB
D1 2.00000000 sec
CPDPRG2 waltz16
PCPD2 80.00 usec
SFO2 400.1316005 MHz
NUC2 13C
PL2 3.00 dB
PL12 22.00 dB
P1 9.30 usec
SFO1 100.6254358 MHz
NUC1 13C
PL1 3.00 dB

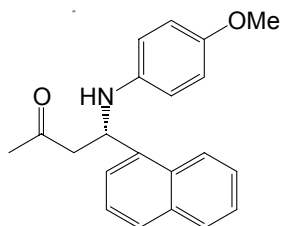
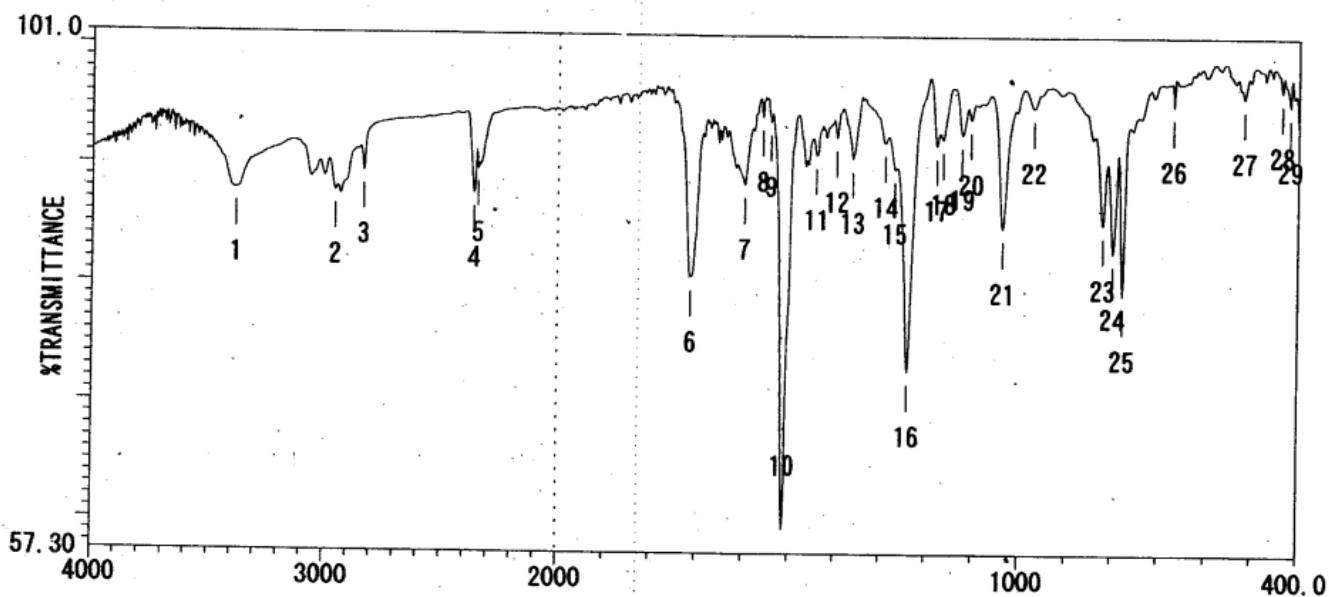
F2 - Processing parameters
SI 32768
SF 100.6127708 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
FIP 215.000 ppm
F1 21631.75 Hz
F2P -5.000 ppm
F2 -503.06 Hz
PPMCH 11.00000 ppm/cm
HZCH 1106.74048 Hz/cm

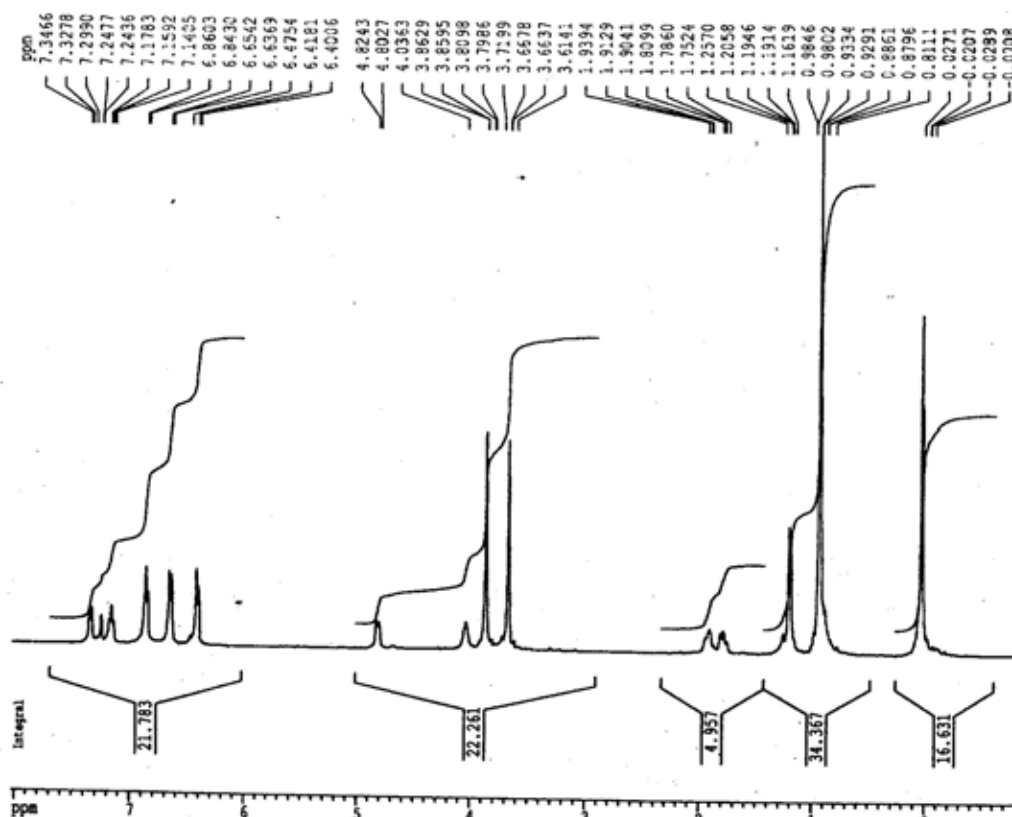
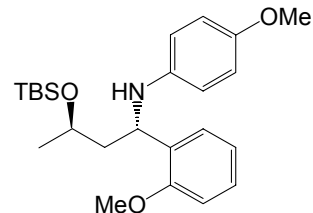


ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号
01	3380.60	84.5669	10	1463.71	86.3981	19	1128.15	84.2566	28
02	3027.69	89.0233	11	1452.14	87.2694	20	1095.37	86.7463	29
03	2954.41	80.4704	12	1407.78	91.0353	21	1068.37	86.0684	30
04	2927.41	78.8495	13	1376.93	90.2520	22	1039.44	81.7019	31
05	2856.06	82.9686	14	1359.57	91.1296	23	1004.73	87.7789	32
06	2830.99	88.9955	15	1255.43	84.7792	24	985.447	90.0236	
07	1602.56	88.0521	16	1238.08	81.4982	25	968.090	90.5861	
08	1511.92	71.8631	17	1195.65	92.5234	26	875.524	92.1188	
09	1469.49	87.4775	18	1180.22	90.8149	27	835.026	82.9769	





ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)
01	3380.60	87.8487	10	1511.92	59.3921	19	1124.30	92.7951	28		
02	2952.48	87.7320	11	1440.56	90.9854	20	1105.01	94.0587	29		
03	2830.99	89.4695	12	1396.21	92.4883	21	1035.59	84.8684			
04	2360.44	87.5802	13	1361.50	90.7380	22	970.019	95.0785			
05	2343.09	89.7004	14	1290.14	92.0735	23	819.598	85.2104			
06	1712.48	80.6709	15	1268.93	89.8628	24	798.385	82.8078			
07	1596.77	88.4665	16	1240.00	72.8315	25	777.172	79.3006			
08	1558.20	94.1986	17	1178.29	91.8480	26	669.178	95.2648			
09	1540.85	93.7924	18	1164.79	92.3947	27	516.829	95.9923			

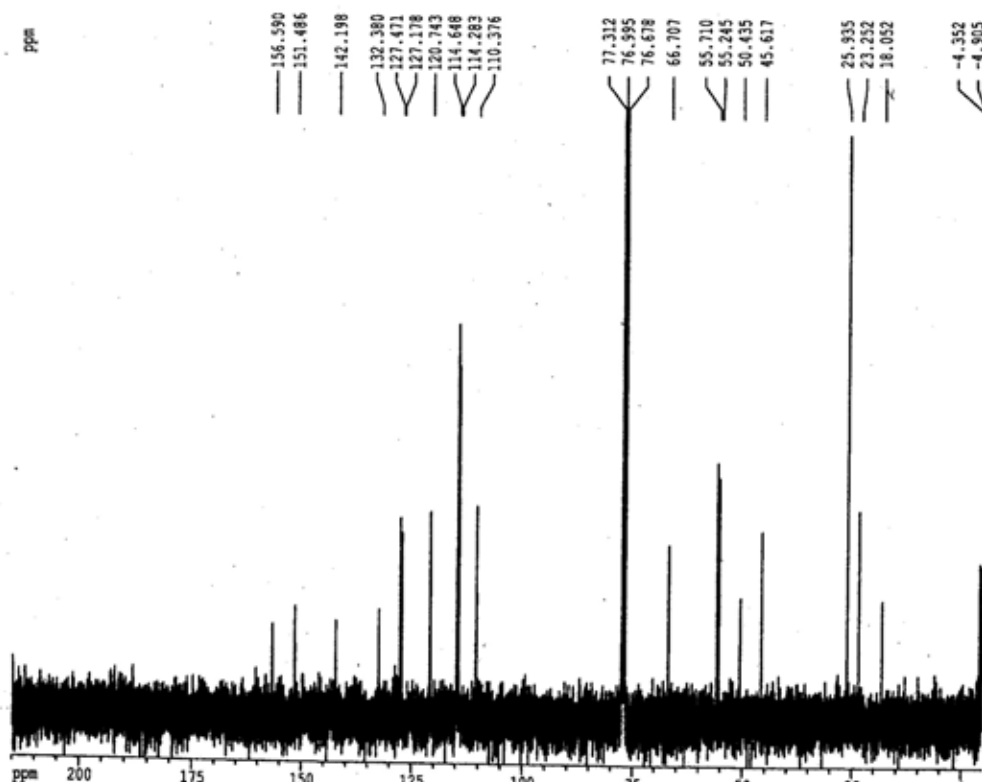


Current Data Parameters
NAME Mar27-03-bayash
EXPNO 23
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030327
Time 10.34
INSTRUM dpa400
PROBHD 5 mm QNP 1H/2
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SHE 8223.685 Hz
FIDRES 0.254967 Hz
AQ 1.9923444 sec
RG 90.5
DM 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
F1 7.90 usec
SFO1 400.1324710 MHz
NUC1 1H
PL1 3.00 dB

F2 - Processing parameters
SI 16384
SF 400.1300142 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
FIP 8.626 ppm
F1 3211.42 Hz
F2 -0.799 ppm
FZ -319.55 Hz
PPHCK 0.44123 ppm/cm
HSCN 176.54849 Hz/cm

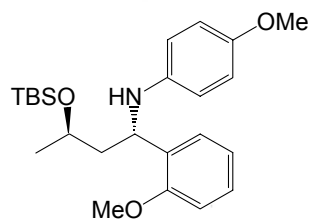
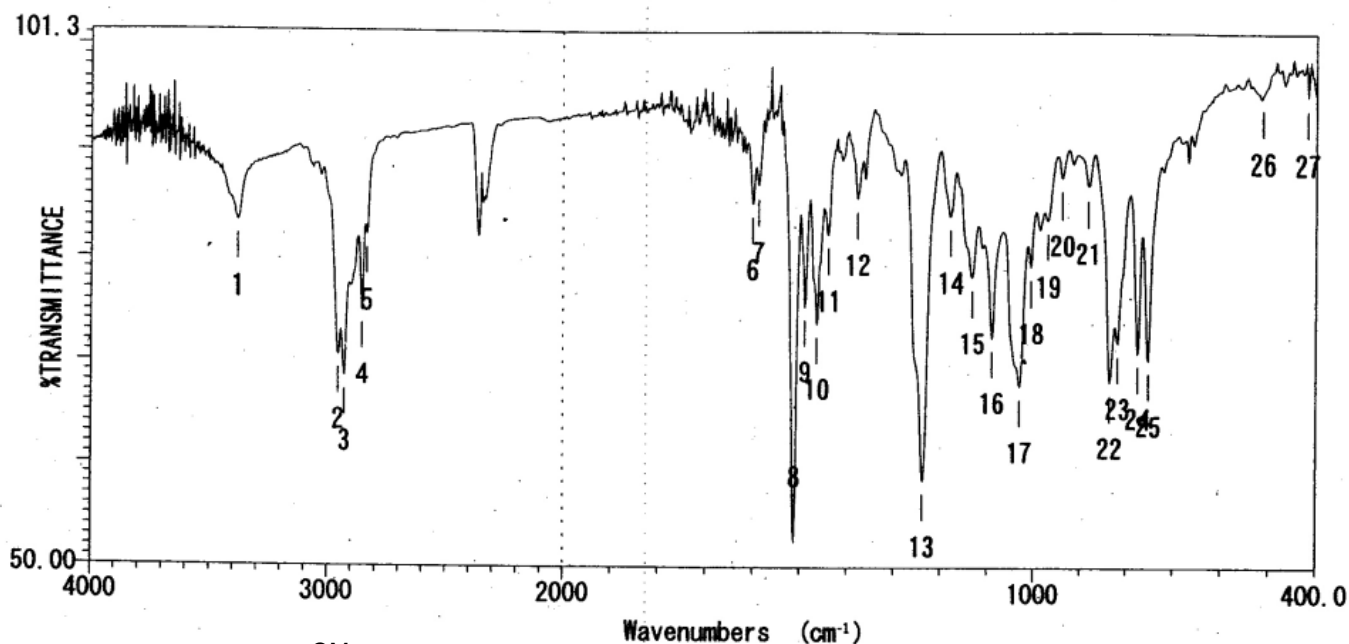


Current Data Parameters
NAME Mar27-03-bayash
EXPNO 24
PROCNO 1

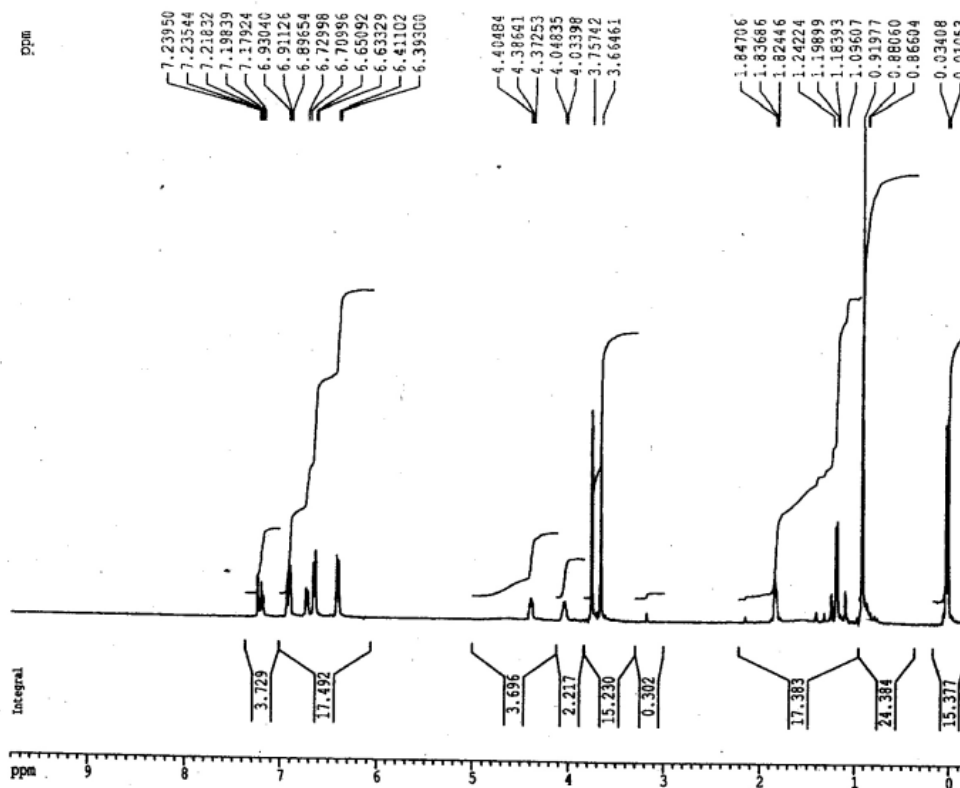
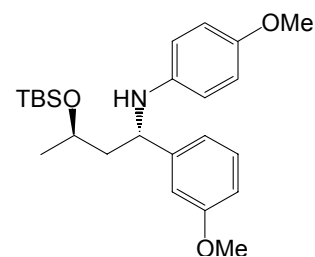
F2 - Acquisition Parameters
Date_ 20030327
Time 10.45
INSTRUM dpa400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 172
DS 2
SHE 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289652 sec
RG 4096
DM 15.700 usec
DE 6.00 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.00002000 sec
PL13 22.00 dB
D1 2.00000000 sec
CPDPRG2 waltz16
PCPD2 80.00 usec
SFO2 400.1316005 MHz
NUC2 1H
PL2 3.00 dB
PL12 22.00 dB
F1 9.30 usec
SFO1 100.6254358 MHz
NUC1 13C
PL1 3.00 dB

F2 - Processing parameters
SI 32768
SF 100.6127708 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
FIP 215.000 ppm
F1 21631.75 Hz
F2 -5.000 ppm
FZ -563.06 Hz
PPHCK 11.90000 ppm/cm
HSCN 1104.74048 Hz/cm



ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)
01	3380.60	83.6263	10	1463.71	73.7673	19	968.090	83.8797
02	2954.41	70.6119	11	1438.64	82.4358	20	937.235	87.8165
03	2927.41	68.5314	12	1376.93	85.9137	21	881.309	87.0406
04	2854.13	75.0446	13	1238.08	58.4663	22	835.026	68.0633
05	2834.85	82.3334	14	1178.29	84.2588	23	817.670	71.9029
06	1600.63	85.4072	15	1132.01	78.3430	24	775.244	70.9265
07	1587.13	87.0726	16	1089.58	72.4500	25	752.102	70.2284
08	1511.92	52.4290	17	1029.80	67.6584	26	512.972	95.5924
09	1488.78	75.4766	18	1004.73	79.3181	27	418.477	95.4662

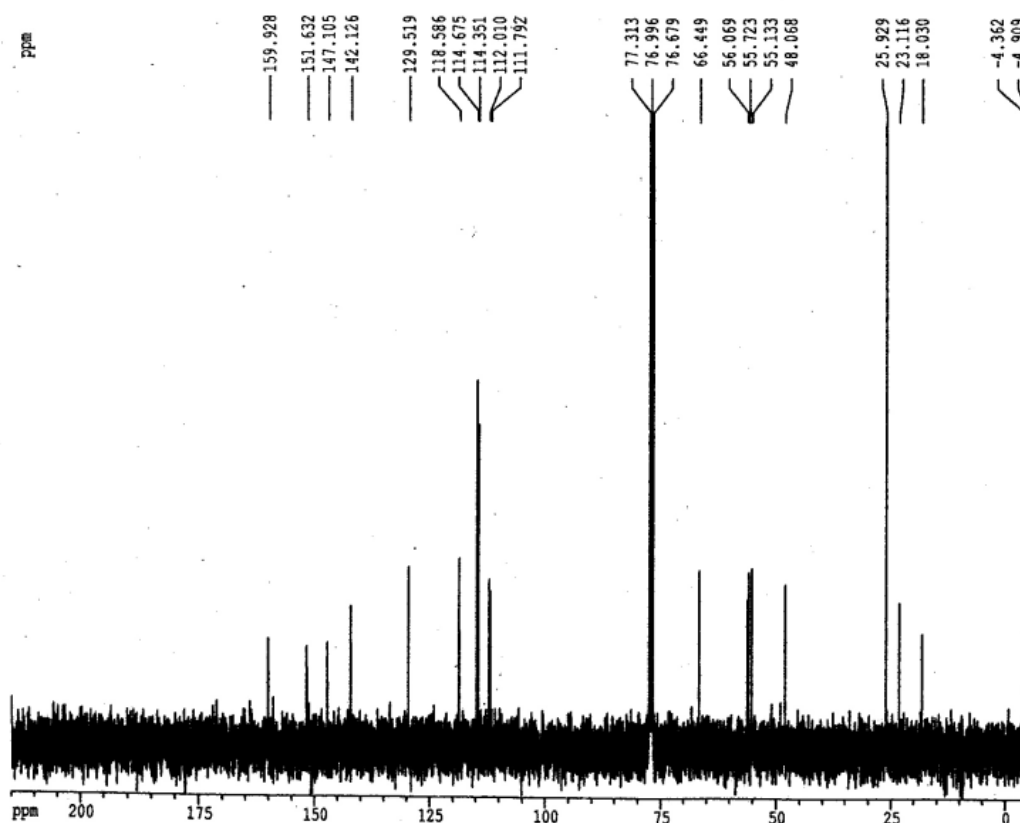


Current Data Parameters
NAME May06-03-hayash
EXPNO 36
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030506
Time 14.54
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9523444 sec
RG 143.7
DM 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
F1 7.90 usec
SFO1 400.1324710 MHz
NUC1 1H
PL1 3.00 dB

F2 - Processing parameters
SI 16384
SF 400.1300177 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
FIP 9.800 ppm
F1 3921.27 Hz
F2 -0.200 ppm
F2 -80.03 Hz
PPMCM 0.50000 ppm/cm
RECM 200.06500 Hz/cm

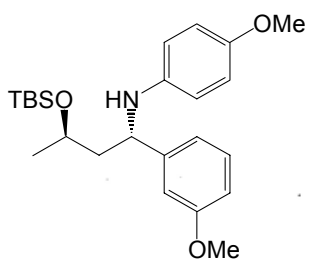
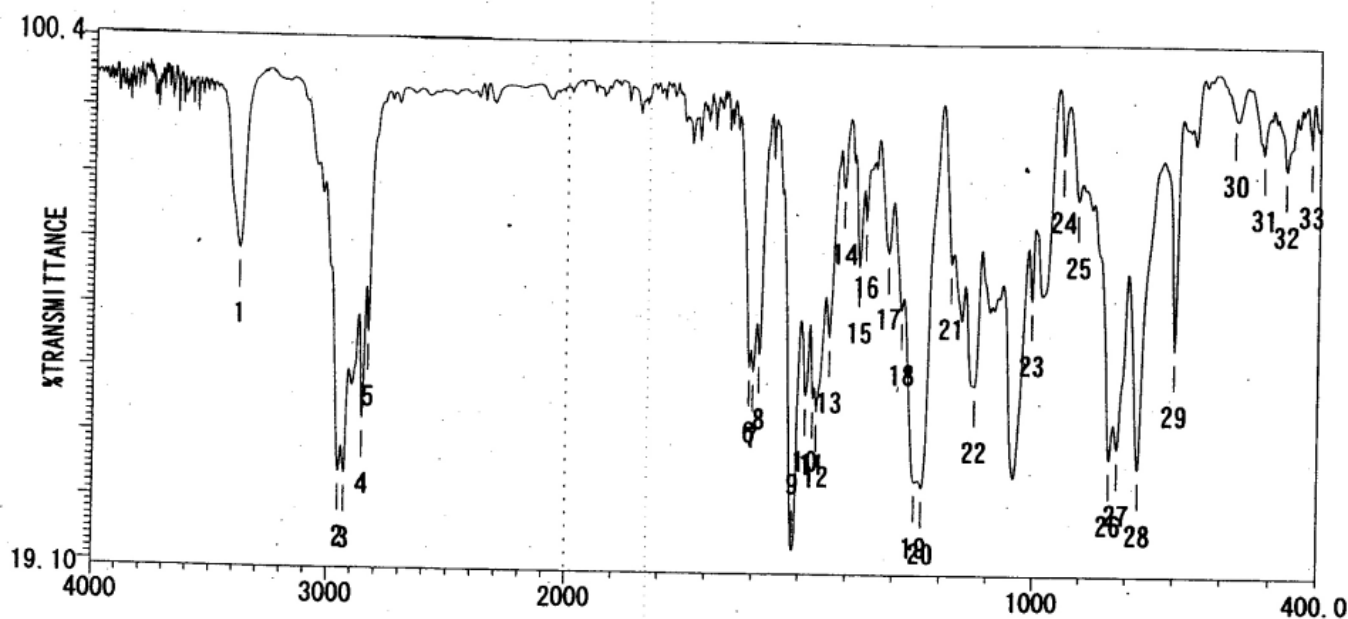


Current Data Parameters
NAME May06-03-hayash
EXPNO 37
PROCNO 1

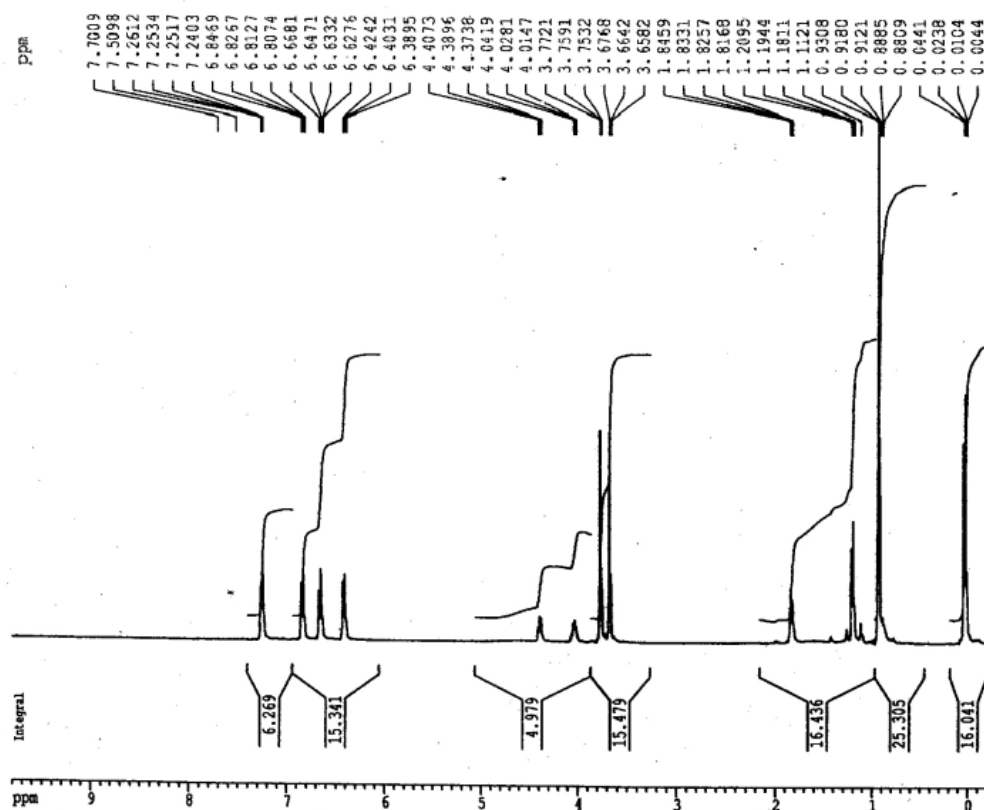
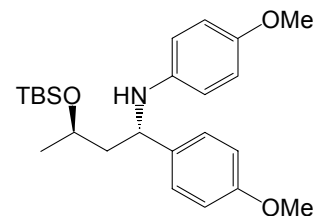
F2 - Acquisition Parameters
Date_ 20030506
Time 15.04
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 253
DS 2
SWH 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289652 sec
RG 4096
DM 15.700 usec
DE 6.00 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.00002000 sec
PL13 22.00 dB
D1 2.00000000 sec
PCPD2 waltz16
PCPD2 80.00 usec
SFO2 400.1316005 MHz
NUC2 13C
PL2 3.00 dB
PL12 22.00 dB
P1 9.30 usec
SFO1 100.6254358 MHz
NUC1 13C
PL1 3.00 dB

F2 - Processing parameters
SI 32768
SF 100.6127698 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
FIP 215.000 ppm
F1 21631.75 Hz
F2 -5.000 ppm
F2 -501.06 Hz
PPMCM 11.00000 ppm/cm
RECM 1106.74048 Hz/cm



Wavenumbers (cm ⁻¹)									
ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号
01	3380.60	68.4168	10	1486.85	46.7049	19	1255.43	33.5240	28
02	2954.41	33.9622	11	1471.42	46.2361	20	1240.00	32.6137	29
03	2929.34	33.7568	12	1463.71	44.3082	21	1180.22	67.4408	30
04	2856.06	42.2938	13	1436.71	55.7908	22	1128.15	48.3690	31
05	2832.92	55.7043	14	1407.78	78.9028	23	1094.73	61.8376	32
06	1608.34	51.0592	15	1375.00	66.7123	24	939.163	84.1701	33
07	1600.63	50.3001	16	1361.50	73.9022	25	906.379	77.2019	
08	1587.13	53.1295	17	1313.29	68.9534	26	836.955	37.2014	
09	1513.85	22.8634	18	1284.36	60.1824	27	819.598	38.8456	

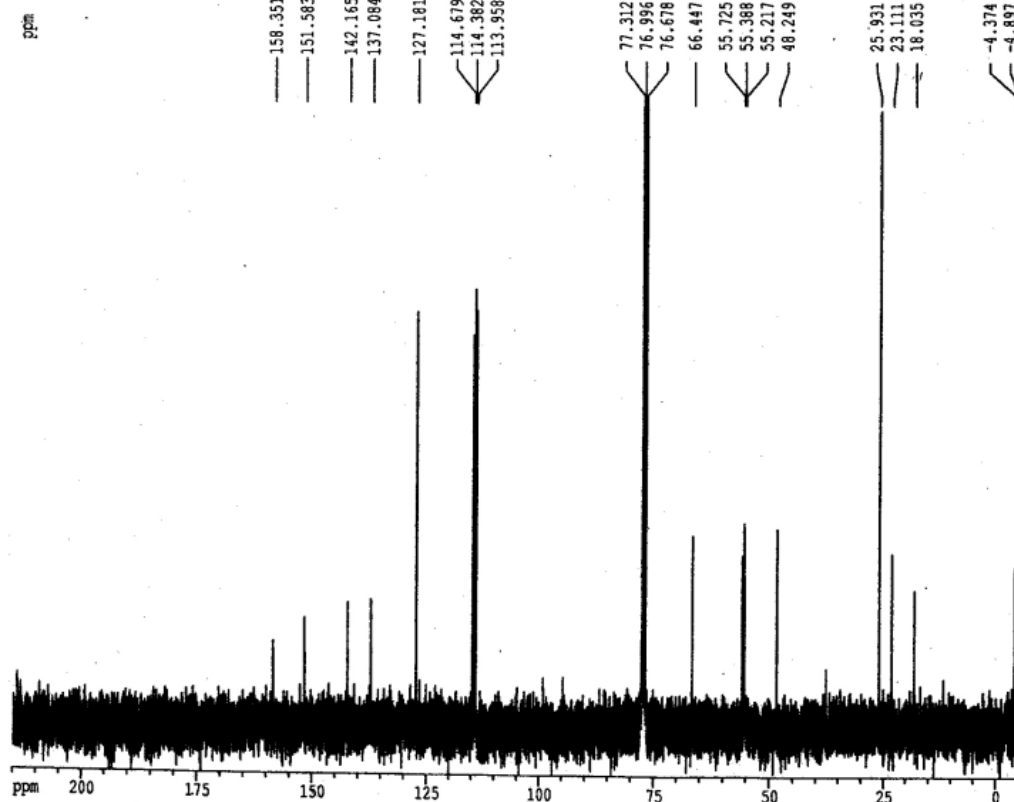


Current Data Parameters
NAME May06-03-hayash
EXPNO 31
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030506
Time 14.13
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 8223.645 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 128
DW 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
P1 7.90 usec
SFO1 400.1324710 MHz
NUC1 1H
PL1 3.00 dB

F2 - Processing parameters
SI 16384
SF 400.1300122 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
FIP 9.800 ppm
F1 3921.27 Hz
F2P -0.200 ppm
F2 -80.03 Hz
PPMCM 0.50000 ppm/cm
HZCM 200.06500 Hz/cm

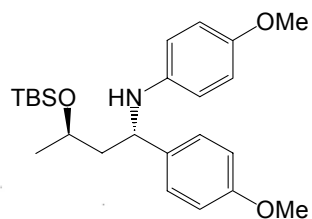
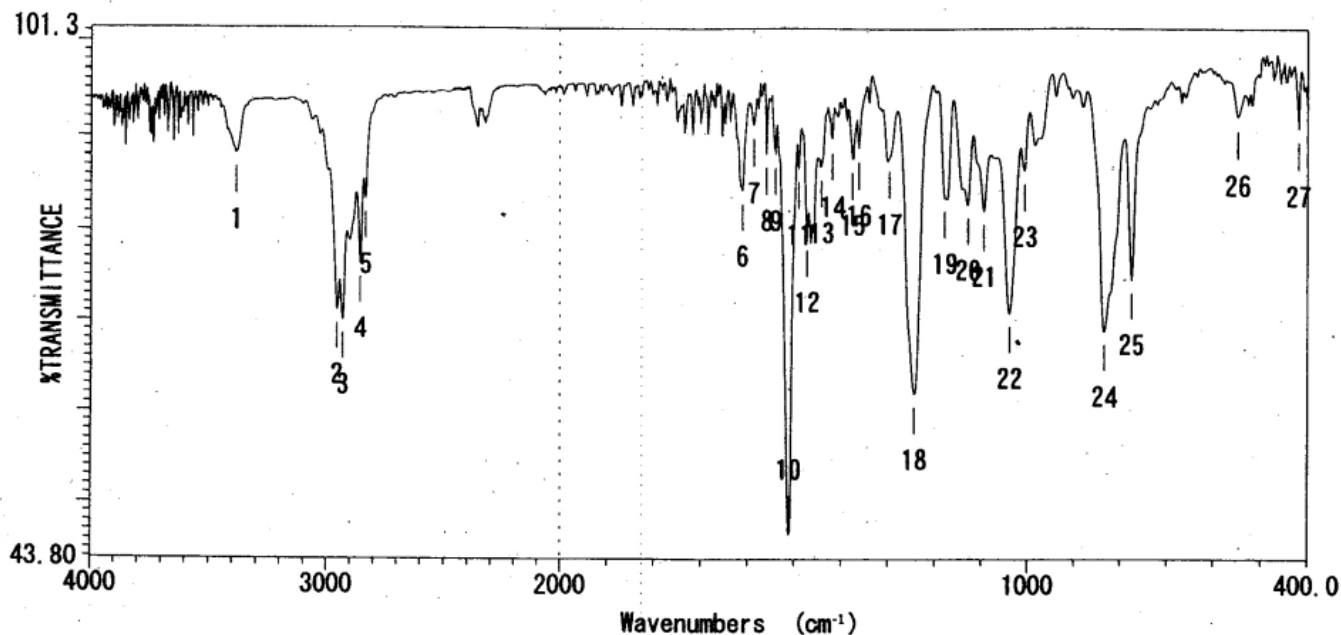


Current Data Parameters
NAME May06-03-hayash
EXPNO 32
PROCNO 1

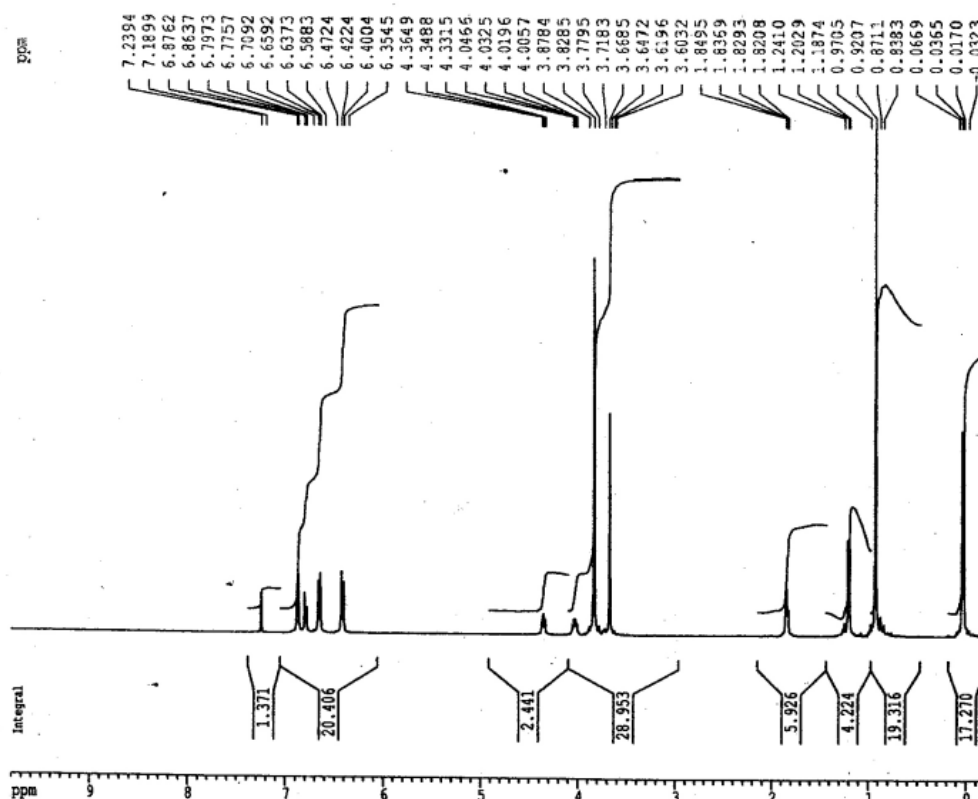
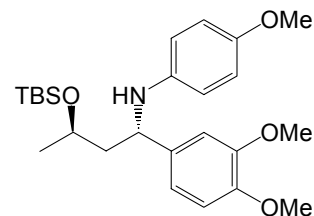
F2 - Acquisition Parameters
Date_ 20030506
Time 14.20
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 234
DS 2
SWH 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289652 sec
RG 2048
DW 15.700 usec
DE 6.00 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.00002000 sec
PL13 22.00 dB
D1 2.00000000 sec
CPDPRG2 waltz16
PCPD2 80.00 usec
SFO2 400.1316005 MHz
NUC2 1H
PL2 3.00 dB
PL12 22.00 dB
P1 9.30 usec
SFO1 100.6254358 MHz
NUC1 13C
PL1 3.00 dB

F2 - Processing parameters
SI 32768
SF 100.6127698 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
FIP 215.000 ppm
F1 21631.75 Hz
F2P -5.000 ppm
F2 -503.06 Hz
PPMCM 11.00000 ppm/cm
HZCM 1106.74048 Hz/cm



ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)
01	3380.60	88.2658	10	1511.92	46.5210	19	1178.29	83.5962
02	2954.41	71.1602	11	1488.78	86.7636	20	1128.15	82.8648
03	2929.34	70.0381	12	1471.42	79.2929	21	1093.44	82.1383
04	2856.06	76.3037	13	1440.56	86.9773	22	1037.52	70.8128
05	2832.92	83.4252	14	1417.42	89.8725	23	1004.73	86.5393
06	1610.27	84.4157	15	1375.00	87.8335	24	833.098	68.8336
07	1585.20	91.3041	16	1361.50	88.8838	25	775.244	74.5615
08	1558.20	88.3088	17	1295.93	87.9350	26	547.685	92.1206
09	1538.92	88.3090	18	1243.86	61.9286	27	418.477	90.9744

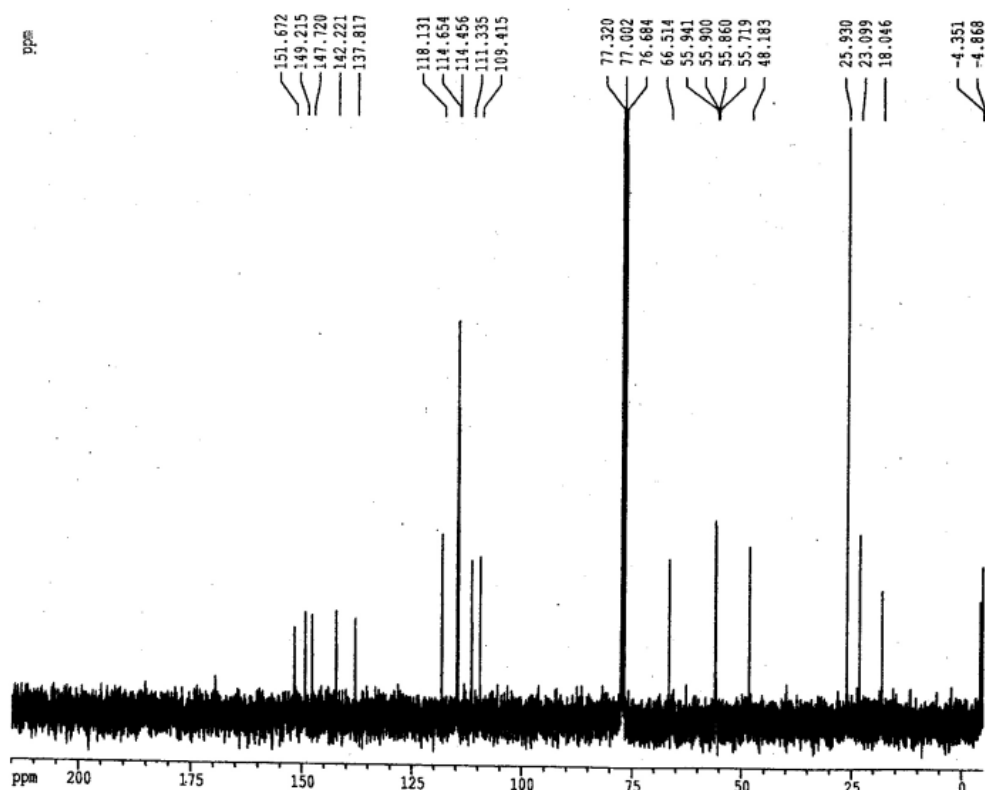


Current Data Parameters
NAME Mar29-03-hayash
EXPNO 42
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030329
Time 10.15
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 128
DW 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
P1 7.90 usec
SFO1 400.1324710 MHz
NUC1 1H
FL1 3.00 dB

F2 - Processing parameters
SI 16384
SF 400.1300172 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
FIP 9.800 ppm
F1 3921.27 Hz
F2P -0.200 ppm
F2 -80.03 Hz
PPMCM 0.50000 ppm/cm
HZCM 200.06500 Hz/cm

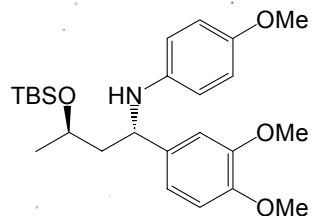
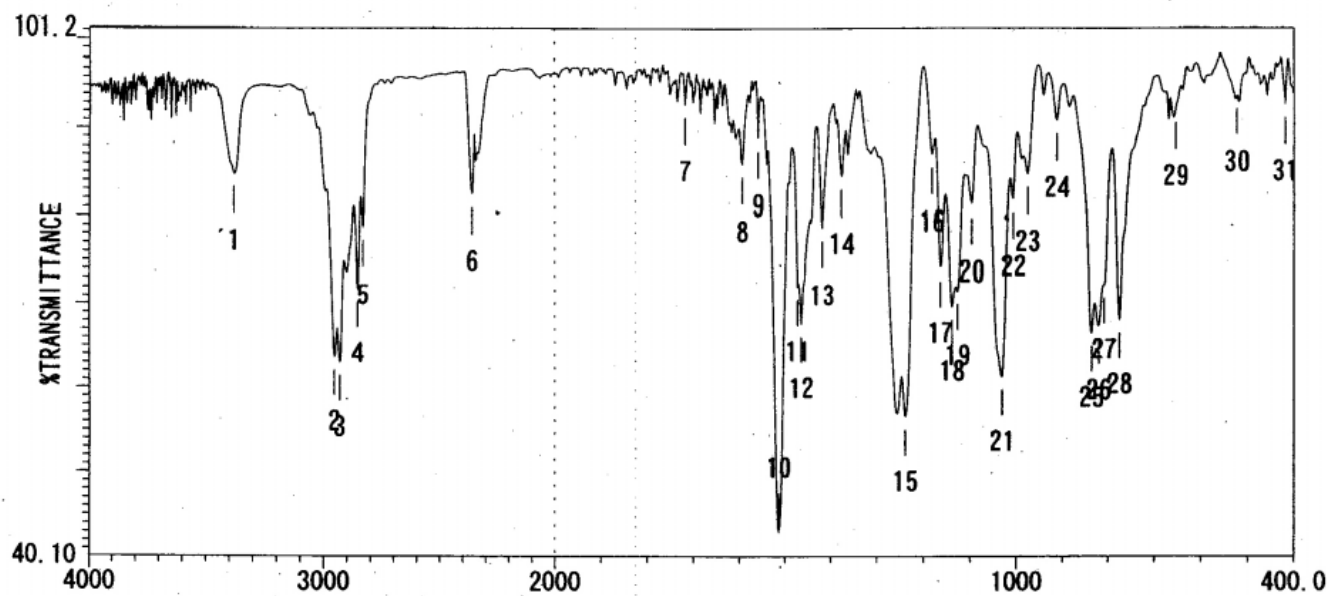


Current Data Parameters
NAME Mar29-03-hayash
EXPNO 43
PROCNO 1

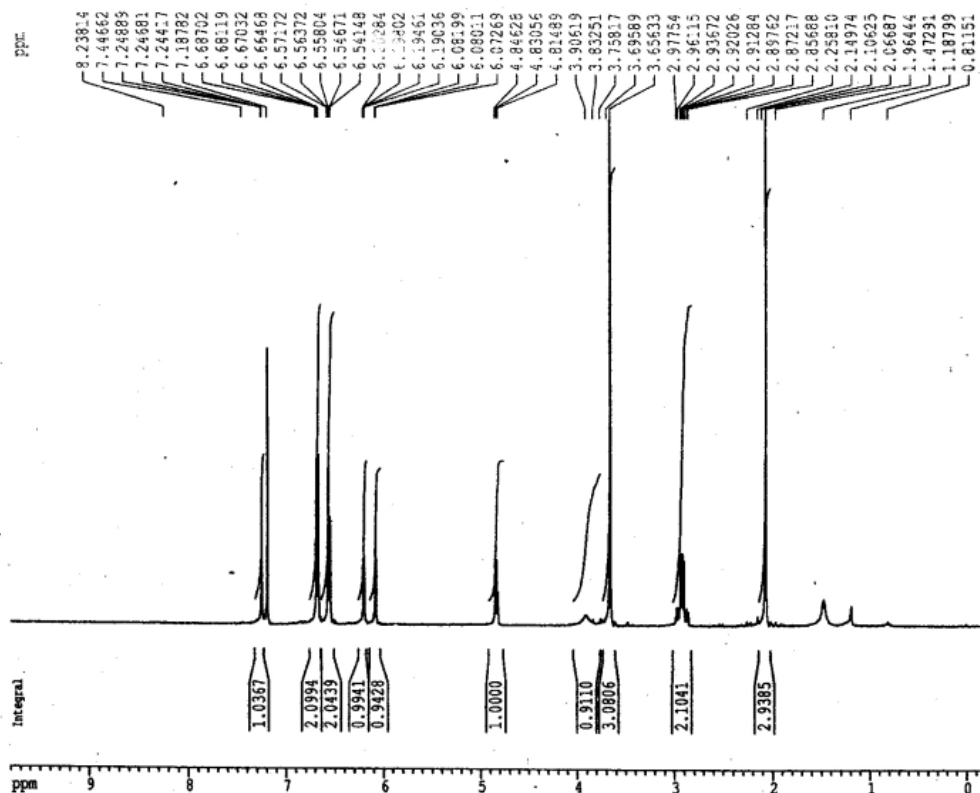
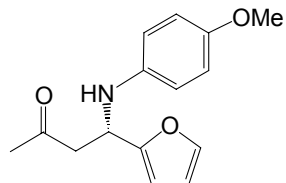
F2 - Acquisition Parameters
Date_ 20030329
Time 10.20
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 275
DS 2
SWH 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289652 sec
RG 2048
DW 15.700 usec
DE 6.00 usec
TE 300.0 K
d11 0.02000000 sec
d12 0.00002000 sec
PL12 22.00 dB
D1 2.00000000 sec
CPDPRG2 waltz16
PCPD2 80.00 usec
SFO2 400.1316005 MHz
NUC2 13C
PL2 3.00 dB
PL12 22.00 dB
P1 9.30 usec
SFO1 100.6254358 MHz
NUC1 13C
PL1 3.00 dB

F2 - Processing parameters
SI 32768
SF 100.6127698 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
FIP 215.000 ppm
F1 21631.75 Hz
F2P -5.000 ppm
F2 -503.06 Hz
PPMCM 11.00000 ppm/cm
HZCM 1106.74048 Hz/cm



ピーク番号	波数 (cm⁻¹)	透過率 (%)	ピーク番号	波数 (cm⁻¹)	透過率 (%)	ピーク番号	波数 (cm⁻¹)	透過率 (%)	ピーク番号	波数 (cm⁻¹)	透過率 (%)
01	3380.60	84.8564	10	1513.85	42.9761	19	1126.22	71.5000	28		
02	2954.41	63.6561	11	1471.42	71.9795	20	1095.37	81.4023	29		
03	2931.27	63.0055	12	1463.71	67.5905	21	1029.80	61.3129	30		
04	2856.06	71.7748	13	1417.42	78.6897	22	1004.73	81.9369	31		
05	2832.92	78.7281	14	1375.00	84.4941	23	973.876	84.8010			
06	2358.51	82.4400	15	1238.08	56.6101	24	910.236	90.8588			
07	1716.34	92.7211	16	1180.22	87.0252	25	835.026	66.4637			
08	1592.91	85.9188	17	1162.87	74.2100	26	819.598	67.3621			
09	1558.20	88.8513	18	1137.80	69.6416	27	808.028	72.2019			

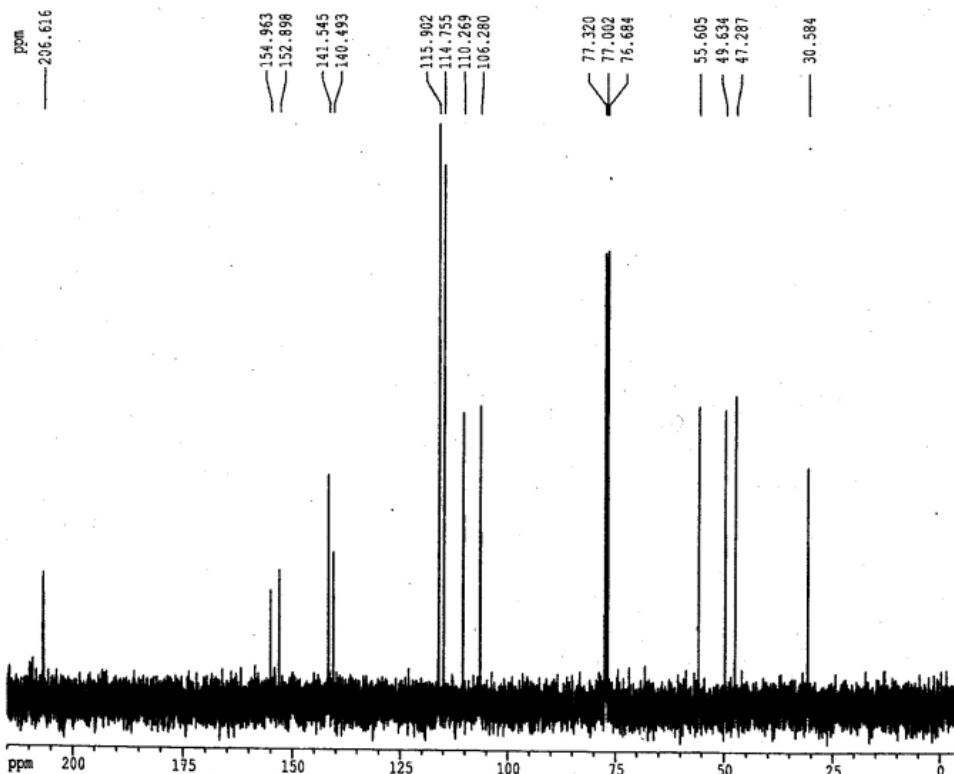


Current Data Parameters
NAME Feb28-03-hayash
EXPNO 21
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030228
Time 12.18
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 287.4
DW 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
P1 7.90 usec
SFO1 400.1324710 MHz
NUC1 1H
FL1 3.00 dB

F2 - Processing parameters
SI 16384
SF 400.1300376 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
F1P 9.800 ppm
F1 3921.27 Hz
F2P -0.200 ppm
F2 -80.03 Hz
PPMCH 0.50000 ppm/cm
HZCM 200.06502 Hz/cm

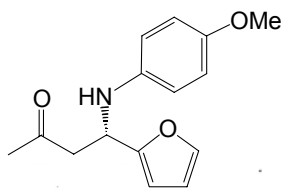
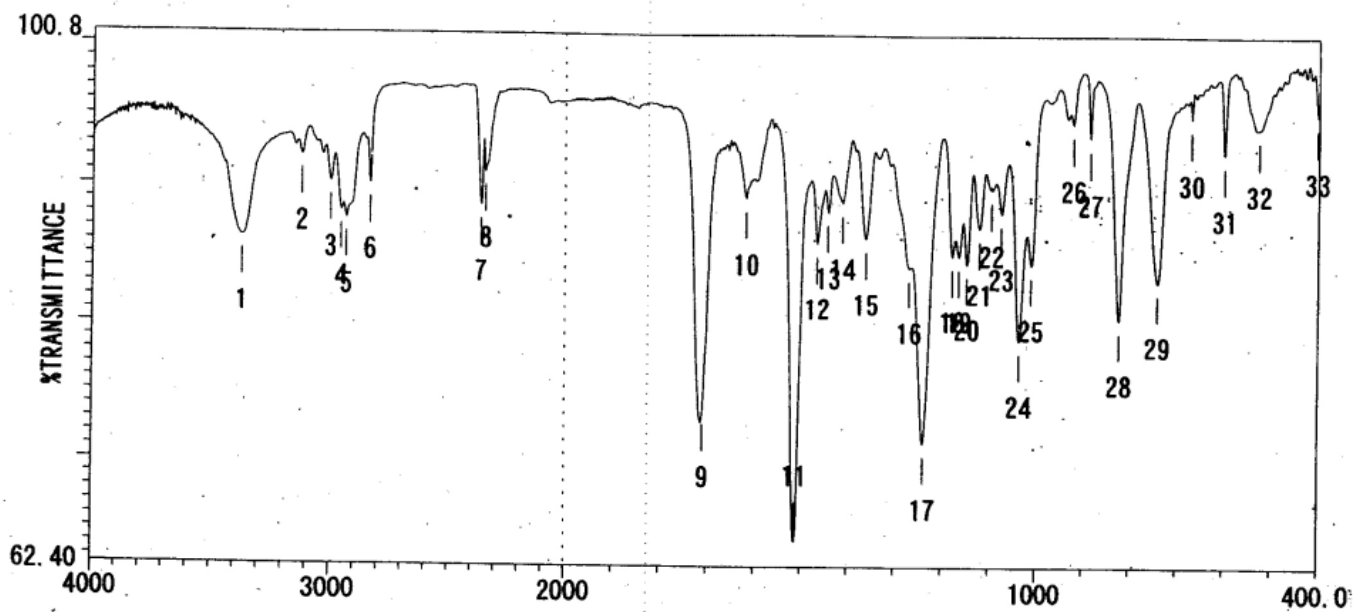


Current Data Parameters
NAME Feb28-03-hayash
EXPNO 62
PROCNO 1

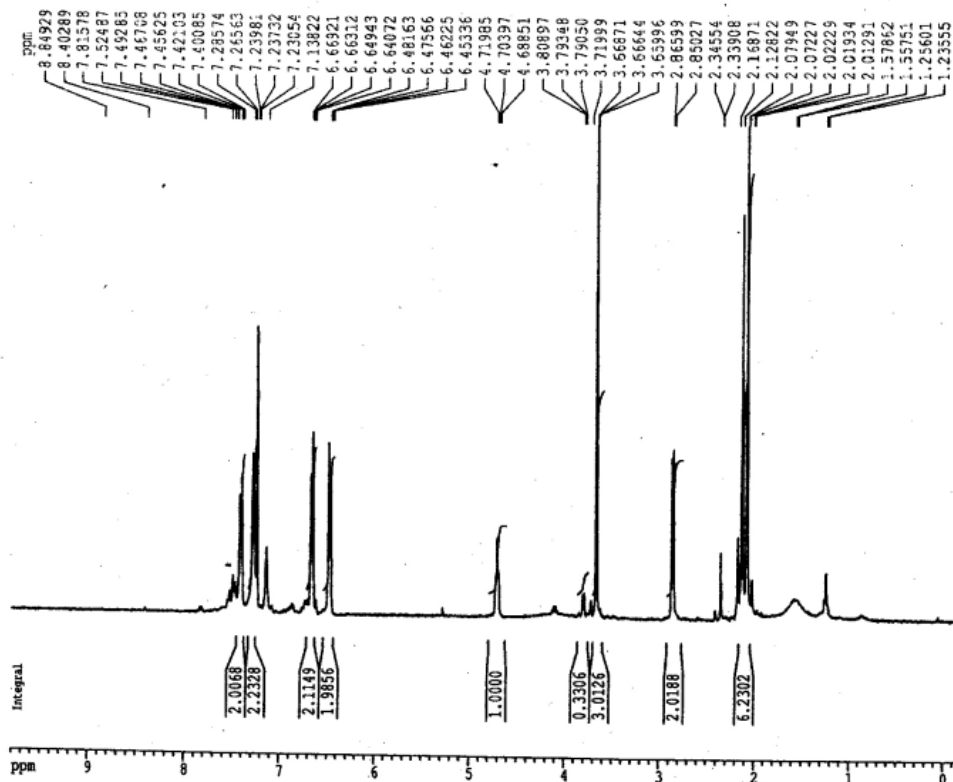
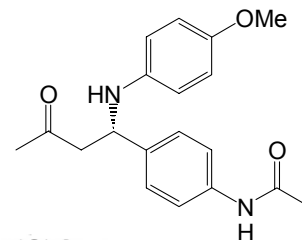
F2 - Acquisition Parameters
Date_ 20030228
Time 16.25
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 49
DS 2
SWH 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289652 sec
RG 2048
DW 15.700 usec
DE 6.00 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.00002000 sec
PL13 22.00 dB
D1 2.00000000 sec
CPDPRG2 waltz16
PCPD2 80.00 usec
SFO2 400.1316005 MHz
NUC2 13C
PL2 3.00 dB
PL12 22.00 dB
P1 9.30 usec
SFO1 100.6254358 MHz
NUC1 13C
FL1 3.00 dB

F2 - Processing parameters
SI 32768
SF 100.6127747 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
F1P 215.000 ppm
F1 21631.75 Hz
F2P -5.000 ppm
F2 -503.86 Hz
PPMCH 11.00000 ppm/cm
HZCM 1106.74060 Hz/cm



ピーク番号	波数 (cm⁻¹)	透過率 (%)	ピーク番号	波数 (cm⁻¹)	透過率 (%)	ピーク番号	波数 (cm⁻¹)	透過率 (%)	ピーク番号
01	3367.10	86.3263	10	1617.98	89.2515	19	1164.79	85.0992	28
02	3118.33	92.1469	11	1511.92	64.2565	20	1147.44	84.5236	29
03	2998.77	90.2855	12	1465.63	86.0306	21	1120.44	87.1227	30
04	2954.41	88.2119	13	1442.49	88.2989	22	1095.37	89.9128	31
05	2933.20	87.6453	14	1411.64	88.9573	23	1074.16	88.2443	32
06	2832.92	90.1365	15	1361.50	86.3623	24	1035.59	78.8771	33
07	2360.44	88.6428	16	1268.93	84.2665	25	1010.52	84.4559	
08	2341.16	91.0357	17	1238.08	71.3818	26	919.879	94.6252	
09	1708.62	73.7035	18	1178.29	85.1076	27	863.238	93.6120	

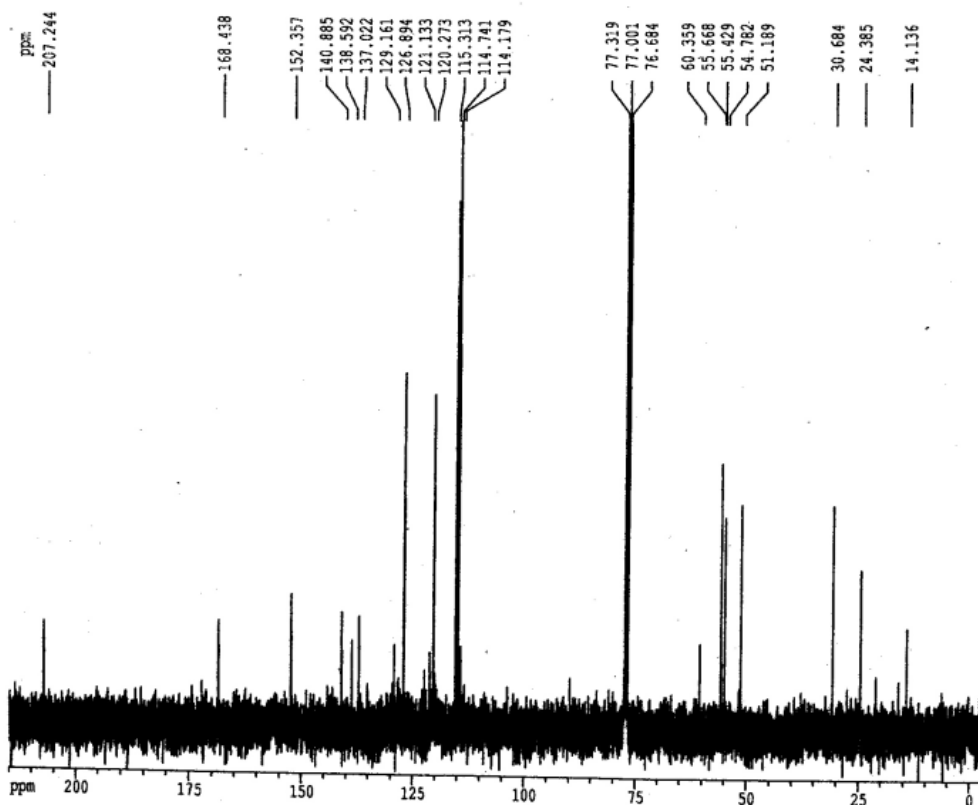


Current Data Parameters
NAME Mar03-03-hayash
EXPNO 61
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030303
Time 18.45
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 322.5
DW 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
P1 7.90 usec
SFO1 400.1324710 MHz
NUC1 1H
PL1 3.00 dB

F2 - Processing parameters
SI 16384
SF 400.1300177 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
F1P 9.800 ppm
F1 3921.27 Hz
F2P -0.200 ppm
F2 -80.03 Hz
PPMCM 0.50000 ppm/cm
HZCM 200.06500 Hz/cm

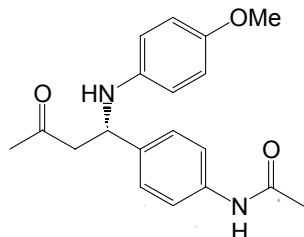
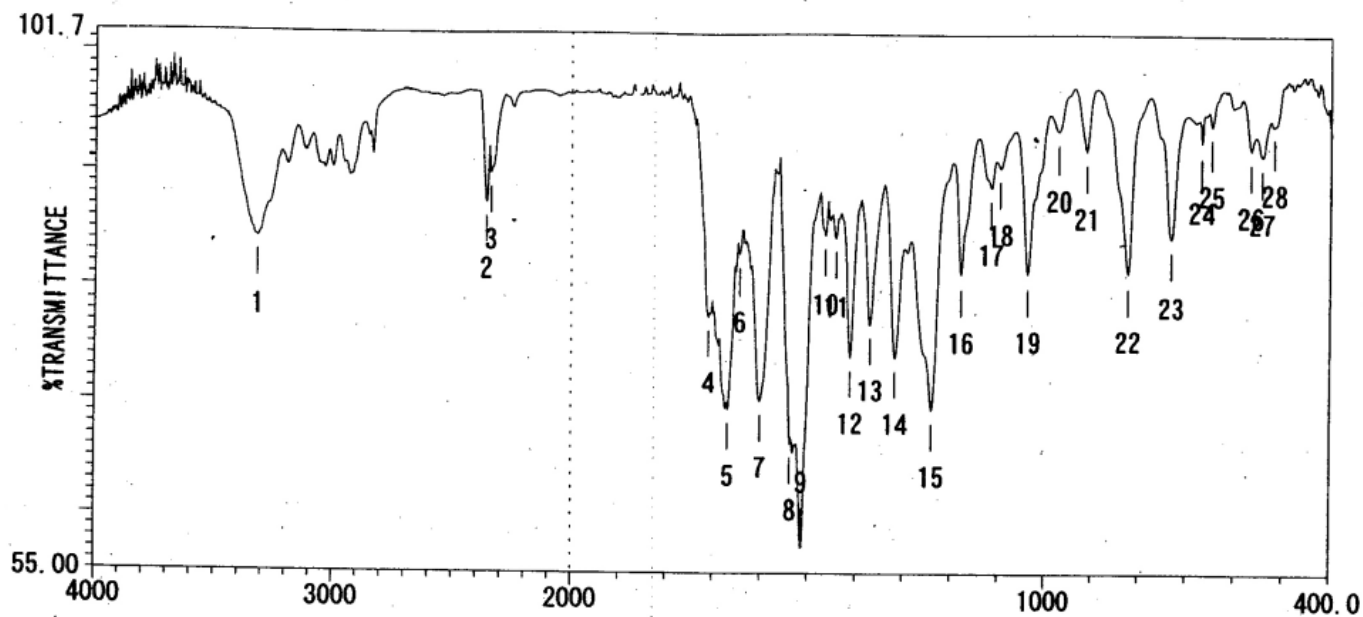


Current Data Parameters
NAME Mar03-03-hayash
EXPNO 101
PROCNO 1

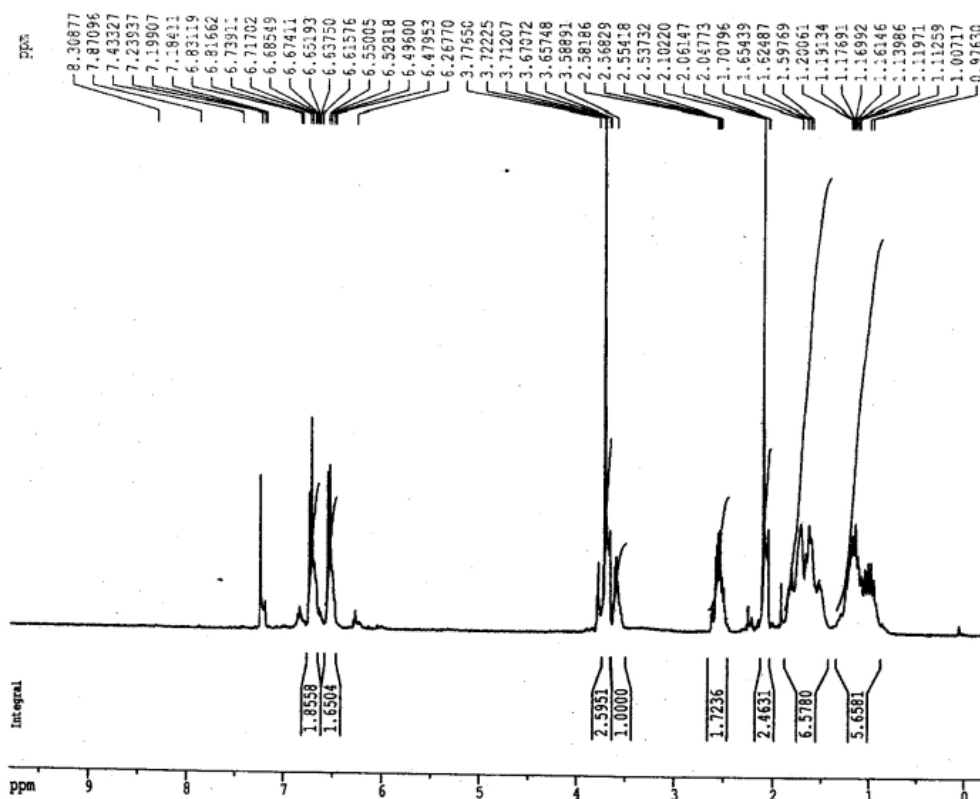
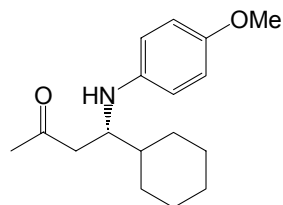
F2 - Acquisition Parameters
Date_ 20030303
Time 23.24
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 146
DS 2
SWH 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289652 sec
RG 4096
DW 15.700 usec
DE 6.00 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.00002000 sec
PL13 22.00 dB
D1 2.00000000 sec
PCPDPRG2 waltz16
PCPD2 80.00 usec
SFO2 400.1316005 MHz
NUC2 13C
PL2 3.00 dB
PL12 22.00 dB
P1 9.30 usec
SFO1 100.6254358 MHz
NUC1 13C
PL1 3.00 dB

F2 - Processing parameters
SI 32768
SF 100.6127737 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
F1P 215.000 ppm
F1 21631.75 Hz
F2P -5.000 ppm
F2 -503.06 Hz
PPMCM 11.00000 ppm/cm
HZCM 1106.74048 Hz/cm



ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号
01	3318.89	84.2802	10	1463.71	84.6483	19	1035.59	81.3141	28
02	2360.44	87.3833	11	1440.56	84.4009	20	970.019	93.5391	
03	2341.16	89.9122	12	1411.64	74.0518	21	910.236	91.9949	
04	1708.62	77.6229	13	1369.21	76.9632	22	821.527	81.3709	
05	1668.12	69.4444	14	1317.14	74.0360	23	730.889	84.3984	
06	1643.05	82.9894	15	1240.00	69.3948	24	669.178	92.5840	
07	1600.63	70.1643	16	1178.29	81.2285	25	647.965	93.9689	
08	1536.99	66.4189	17	1114.65	88.8266	26	566.969	92.1370	
09	1513.85	57.2422	18	1095.37	90.5790	27	543.828	91.5994	

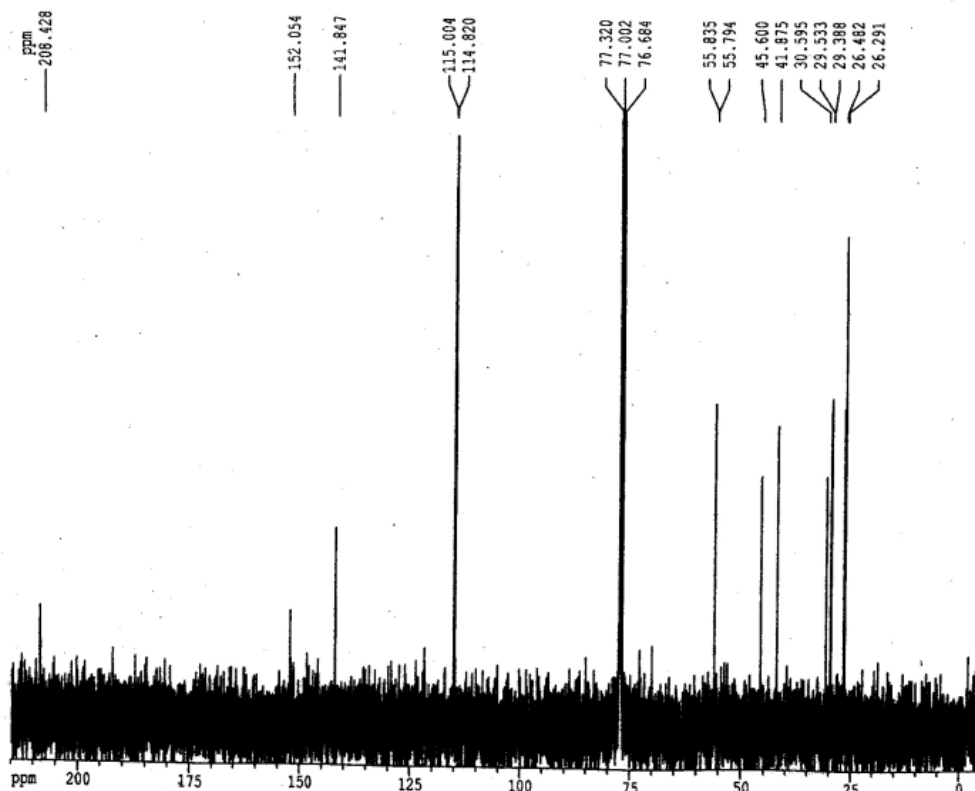


Current Data Parameters
NAME Mar03-03-hayash
EXPNO 64
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030303
Time 19.12
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zg30
TD 32768
SOLVENT CDC13
NS 8
DS 0
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 228.1
DW 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
F1 7.90 usec
SFO1 400.1324710 MHz
NUC1 1H
PL1 3.00 dB

F2 - Processing parameters
SI 16384
SF 400.1300177 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
FIP 9.800 ppm
F1 3921.27 Hz
F2P -0.200 ppm
F2 -80.03 Hz
FPMCH 0.50000 ppm/cm
HZCM 200.06500 Hz/cm

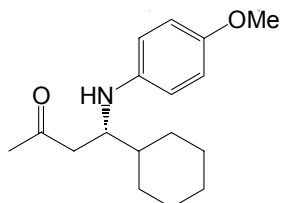
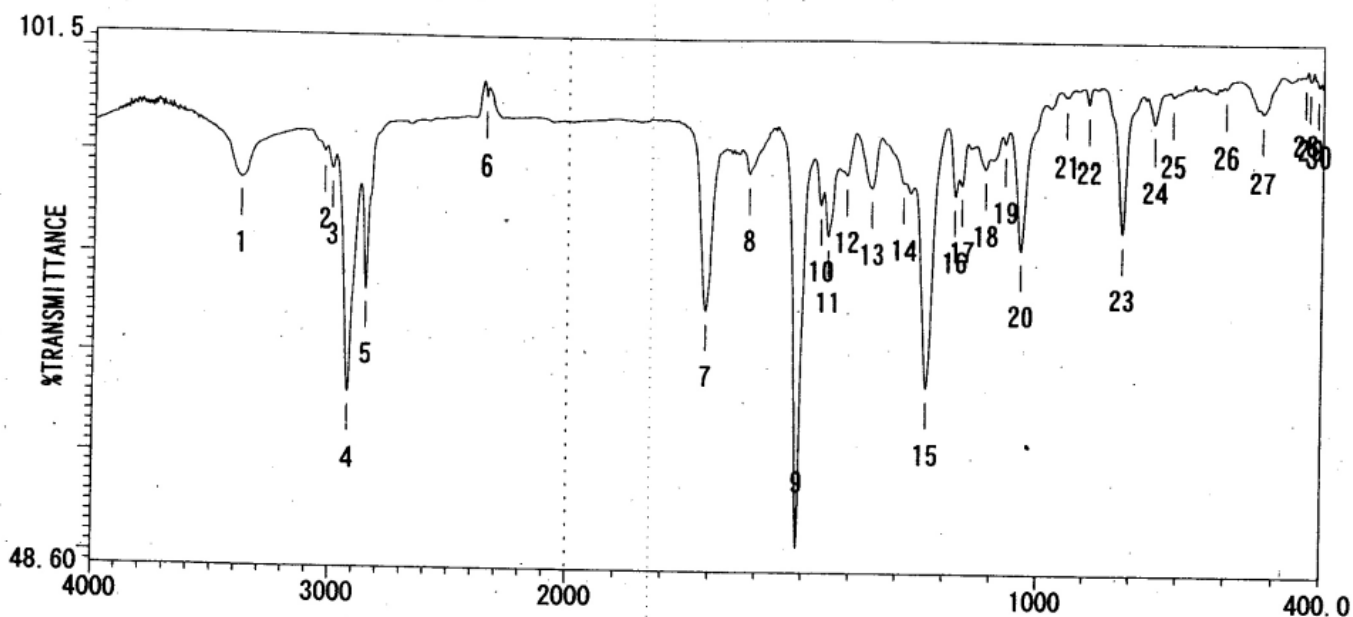


Current Data Parameters
NAME Mar04-03-hayash
EXPNO 32
PROCNO 1

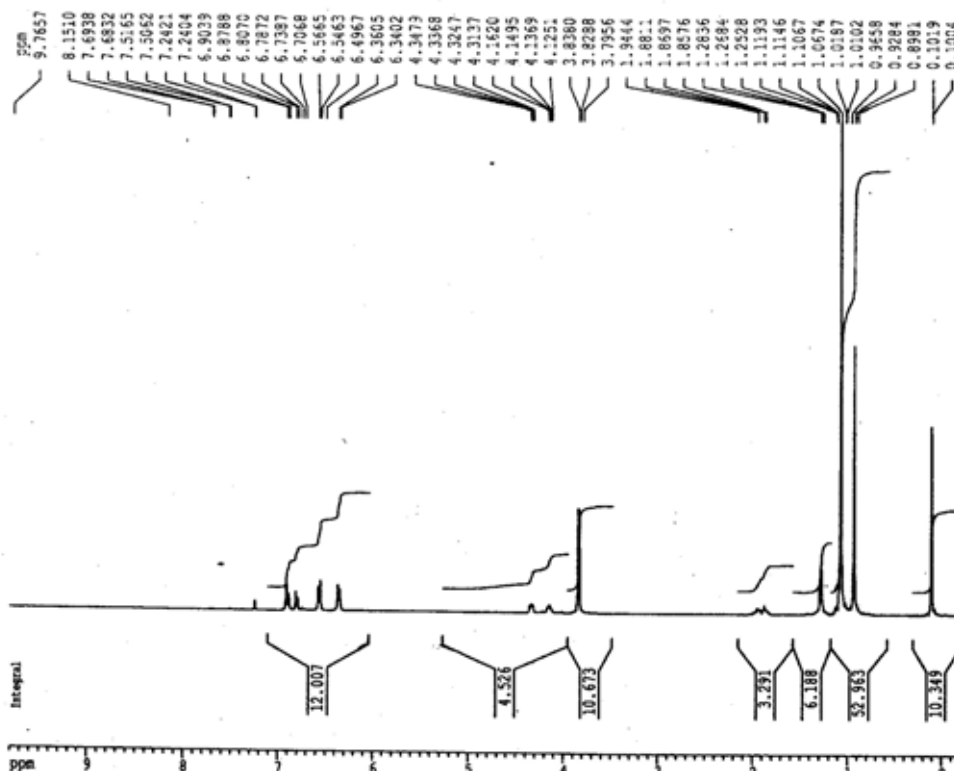
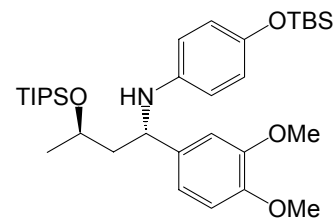
F2 - Acquisition Parameters
Date_ 20030304
Time 15.53
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 145
DS 2
SWH 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289652 sec
RG 4096
DW 15.700 usec
DE 6.00 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.00002000 sec
PL13 22.00 dB
D1 2.00000000 sec
CPDPRG2 waltz16
PCPD2 80.00 usec
SFO2 400.1316005 MHz
NUC2 13C
PL2 3.00 dB
PL12 22.00 dB
F1 9.30 usec
SFO1 100.6254358 MHz
NUC1 13C
PL1 3.00 dB

F2 - Processing parameters
SI 32768
SF 100.6127698 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
FIP 215.080 ppm
F1 21631.75 Hz
F2P -5.000 ppm
F2 -501.36 Hz
FPMCH 11.00000 ppm/cm
HZCM 1106.74048 Hz/cm



ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)
01	3380.60	87.5611	10	1463.71	85.5197	19	1072.23	91.6056	28		
02	3027.69	90.0196	11	1448.28	82.3860	20	1037.52	81.1421	29		
03	2994.91	88.5022	12	1409.71	88.4663	21	941.092	96.1535	30		
04	2925.48	66.0919	13	1355.71	87.2564	22	892.880	95.5714			
05	2850.27	76.5212	14	1288.22	87.7457	23	819.598	82.9140			
06	2348.87	95.5276	15	1238.08	67.1250	24	752.102	93.7371			
07	1708.62	74.7524	16	1180.22	86.5475	25	713.533	96.3148			
08	1617.98	88.4852	17	1164.79	87.5803	26	601.682	97.1995			
09	1511.92	51.1192	18	1114.65	89.2209	27	526.471	94.8411			

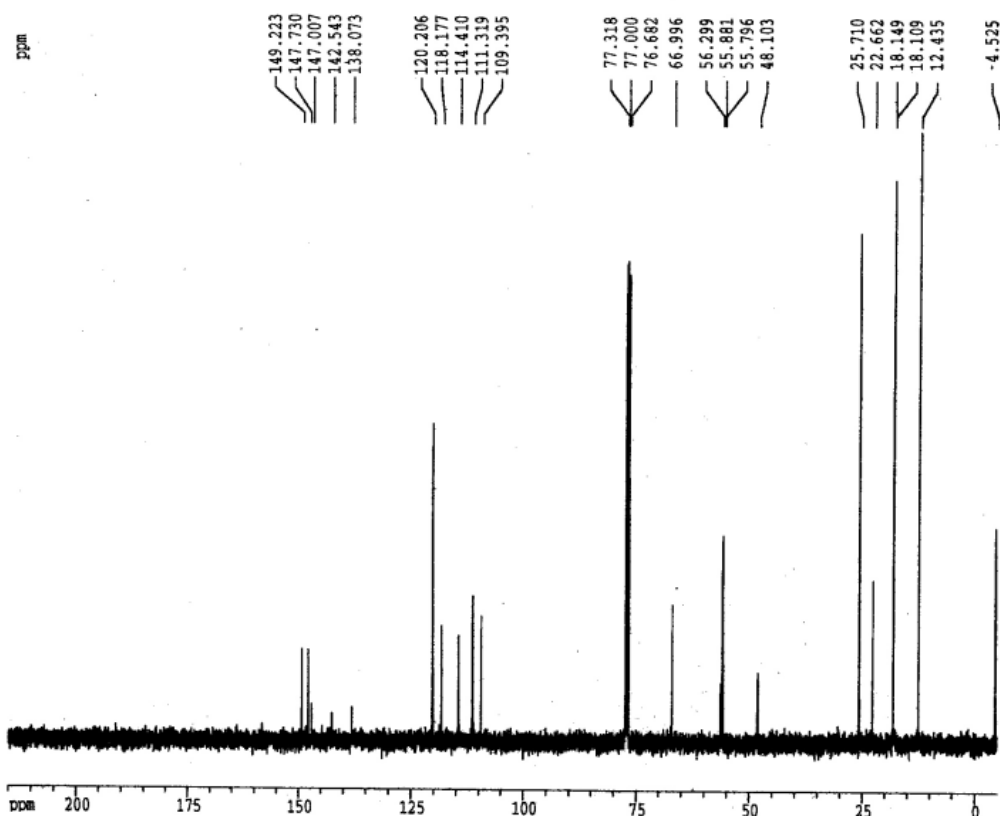


Current Data Parameters
NAME Feb11-03-hayash
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030211
Time 10.06
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 35.9
DM 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
F1 7.90 usec
SFO1 400.1324710 MHz
NUC1 1H
PL1 3.00 dB

F2 - Processing parameters
SI 16384
SF 400.1300172 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
F1P 9.800 ppm
F1 3921.27 Hz
F2P -0.200 ppm
F2 -80.03 Hz
PPMCM 0.50000 ppm/cm
SSCM 200.06500 Hz/cm

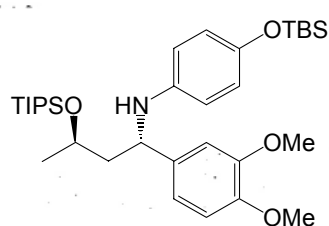
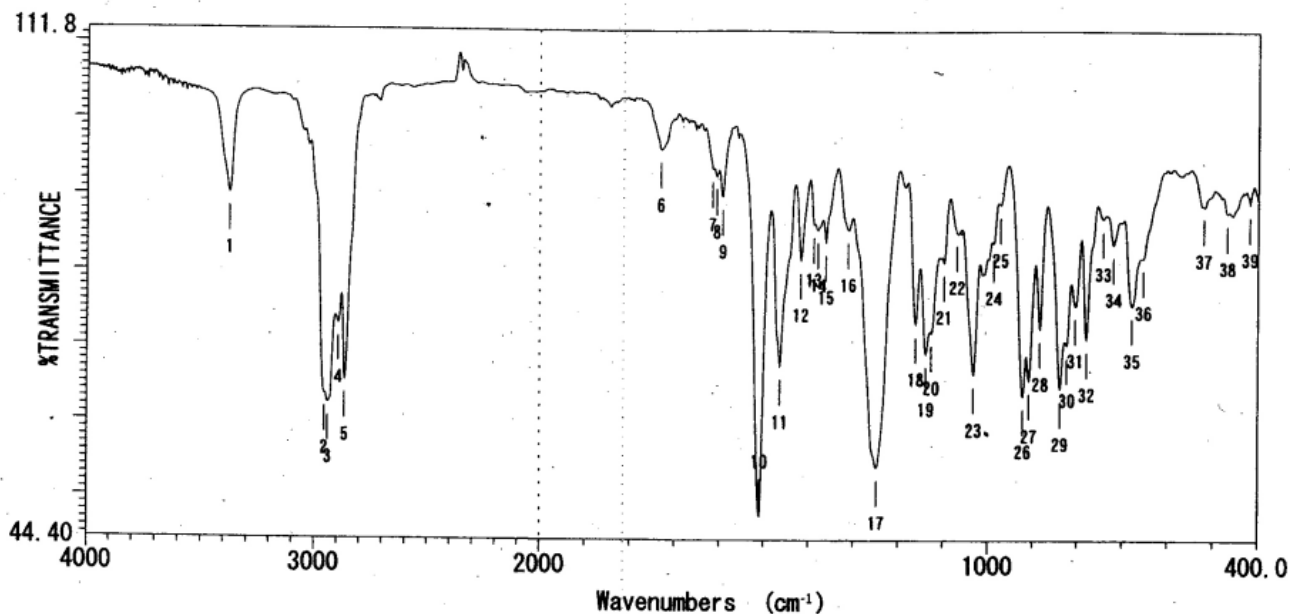


Current Data Parameters
NAME Feb11-03-hayash
EXPNO 26
PROCNO 1

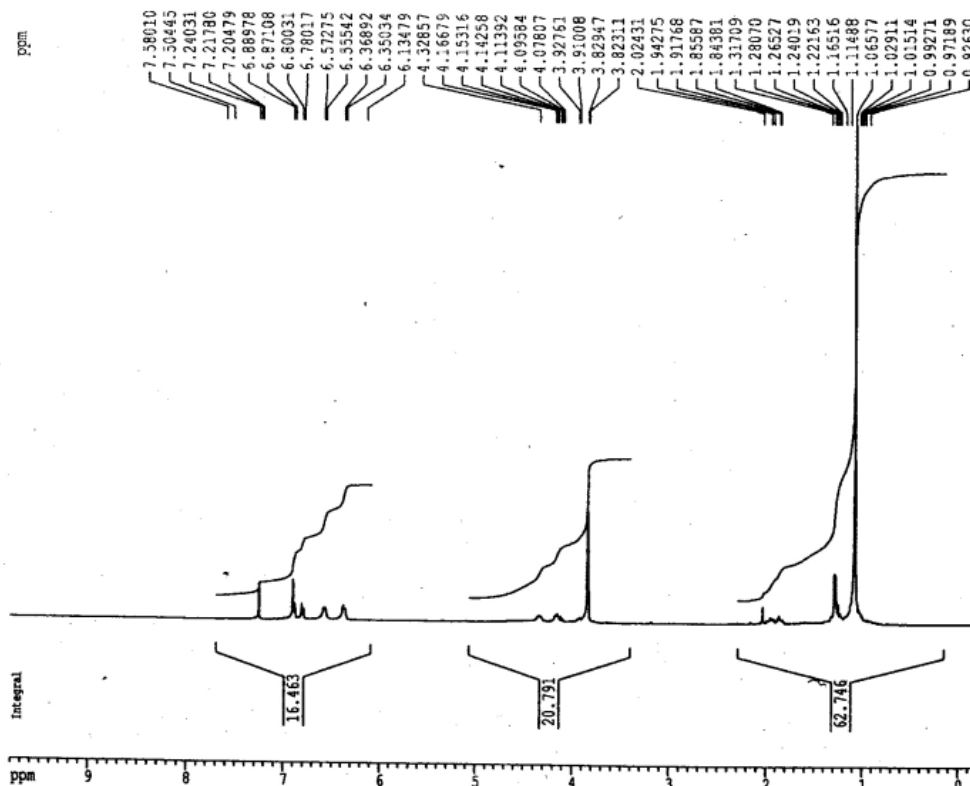
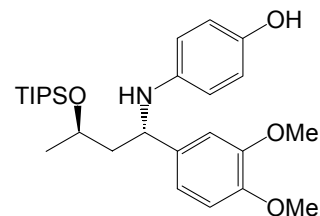
F2 - Acquisition Parameters
Date_ 20030211
Time 14.14
INSTRUM dpx400
PROBHD 5 mm QNP 1H/2
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 104
DS 2
SWH 31847.133 Hz
FIDRES 0.485949 Hz
AQ 1.0289652 sec
RG 8192
DM 15.700 usec
DE 6.00 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.00002000 sec
PL13 22.00 dB
D1 2.00000000 sec
CPDPRG2 waltz16
PCPD2 80.00 usec
SFO2 400.1316005 MHz
NUC2 13C
PL2 3.00 dB
PL12 22.00 dB
F1 9.30 usec
SFO1 100.6254358 MHz
NUC1 13C
PL1 3.00 dB

F2 - Processing parameters
SI 32768
SF 100.6127727 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
F1P 215.000 ppm
F1 21631.75 Hz
F2P -5.000 ppm
F2 -503.06 Hz
PPMCM 11.00000 ppm/cm
SSCM 1140.74400 Hz/cm



ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)
01	3376.75	90.2450	11	1463.71	67.3713	21	1097.30	81.3266	31	804.17	
02	2956.34	63.5804	12	1417.42	81.5807	22	1068.37	85.3477	32	779.10	
03	2940.91	62.3801	13	1388.50	86.3368	23	1031.73	66.3346	33	742.46	
04	2894.63	72.9617	14	1378.85	85.6403	24	987.375	83.9338	34	719.31	
05	2865.70	65.3838	15	1361.50	83.9987	25	971.947	89.0168	35	678.82	
06	1731.76	96.2012	16	1311.36	85.6755	26	921.807	63.4816	36	653.75	
07	1616.06	93.6569	17	1247.72	54.0406	27	908.308	65.5340	37	520.68	
08	1606.41	92.7003	18	1160.94	73.0248	28	883.238	72.4316	38	468.61	
09	1592.91	90.0487	19	1137.80	69.0570	29	838.883	64.4556	39	418.47	
10	1509.99	47.5365	20	1126.22	71.8863	30	823.455	70.2782			

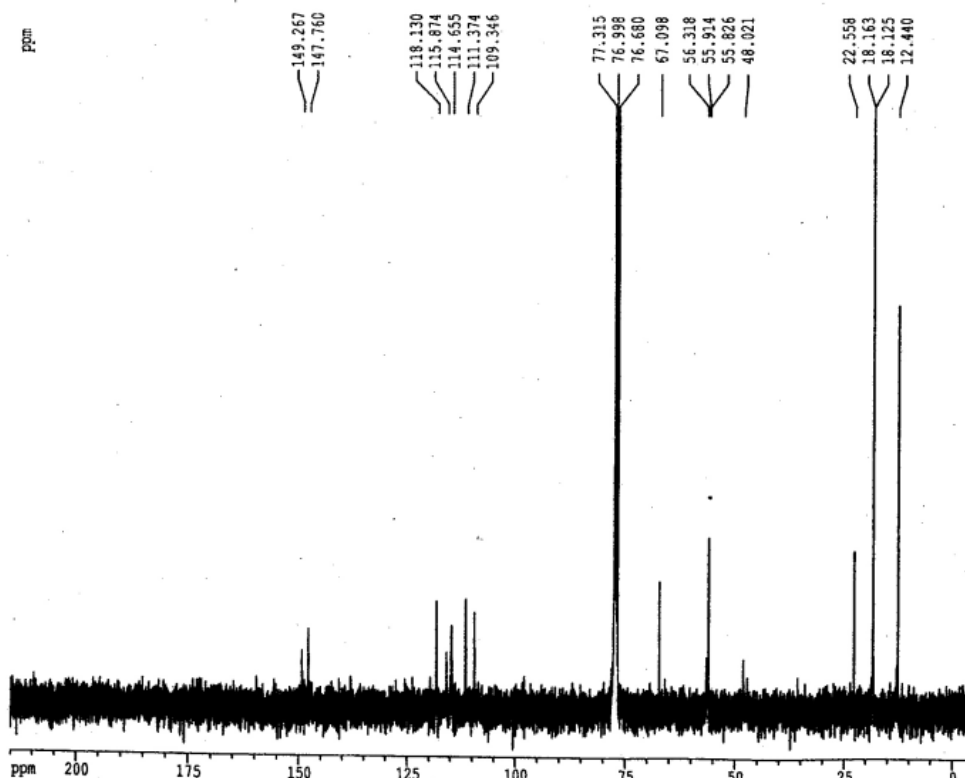


Current Data Parameters
 NAME May09-03-hayash
 EXPNO 63
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20030509
 Time 15.06
 INSTRUM dpx400
 PROBRD 5 mm QNP 1H/2
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 8
 DS 0
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 181
 DW 60.800 usec
 DE 6.00 usec
 TE 300.0 K
 D1 1.00000000 sec
 P1 7.90 usec
 SFO1 400.1324710 MHz
 WUC1 18
 PL1 3.00 dB

F2 - Processing parameters
 SI 16384
 SF 400.1300162 MHz
 MW 0
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 FIP 9.400 ppm
 F1 3921.27 Hz
 F2P -0.200 ppm
 F2 -80.03 Hz
 PPMCM 0.50000 ppm/cm
 HZCM 200.06500 Hz/cm

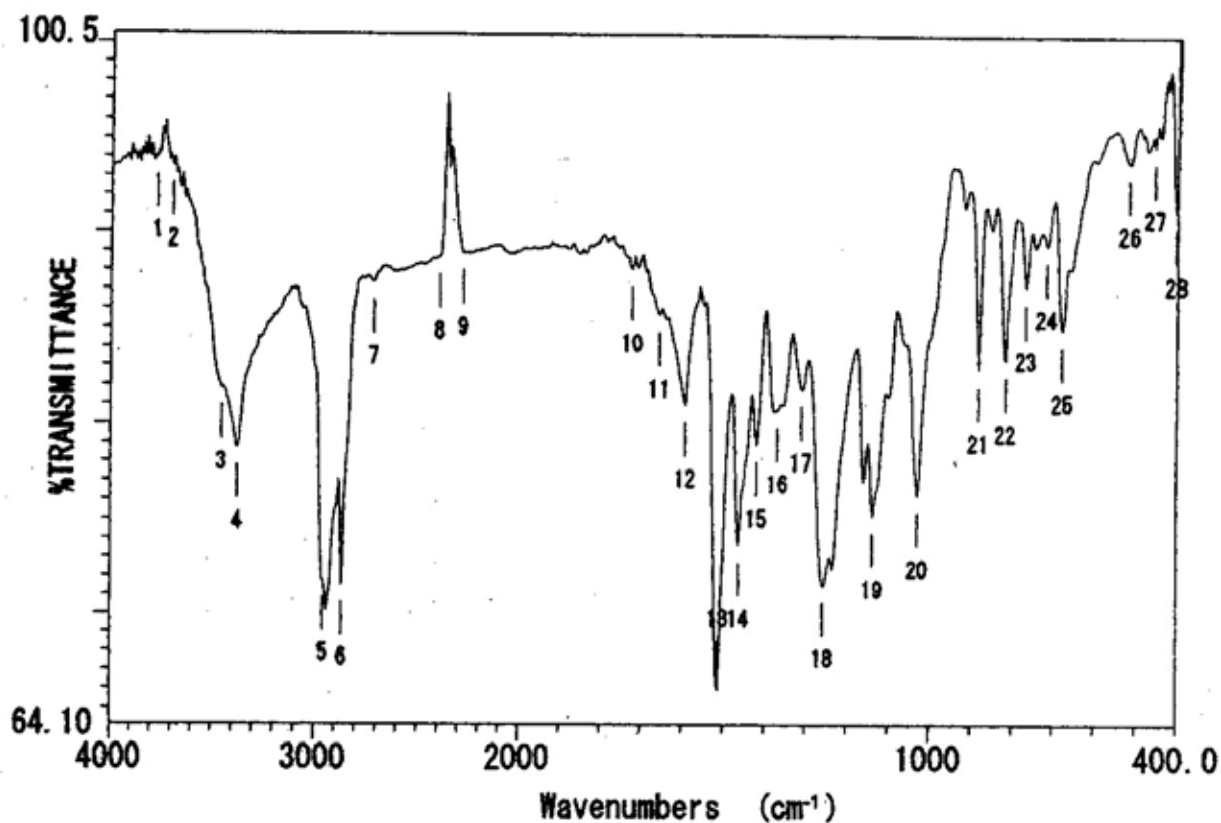


Current Data Parameters
 NAME May09-03-hayash
 EXPNO 134
 PROCNO 1

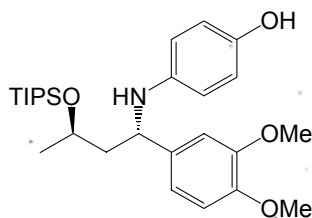
F2 - Acquisition Parameters
 Date_ 20030509
 Time 23.24
 INSTRUM dpx400
 PROBRD 5 mm QNP 1H/2
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 1024
 DS 2
 SWH 31847.133 Hz
 FIDRES 0.485949 Hz
 AQ 1.0289652 sec
 RG 1149.4
 DW 15.700 usec
 DE 6.00 usec
 TE 300.0 K
 d11 0.03000000 sec
 d12 0.00002000 sec
 PL13 22.00 dB
 D1 2.06000000 sec
 CPDPRG2 waltz16
 PCPD2 80.00 usec
 SFO2 400.1316005 MHz
 WUC2 18
 PL2 3.00 dB
 PL12 22.00 dB
 P1 9.30 usec
 SFO1 100.6254358 MHz
 WUC1 13C
 PL1 3.00 dB

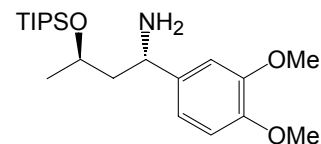
F2 - Processing parameters
 SI 32768
 SF 100.6127678 MHz
 MW 0
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 FIP 215.000 ppm
 F1 21631.75 Hz
 F2P -5.000 ppm
 F2 -503.06 Hz
 PPMCM 11.00000 ppm/cm
 HZCM 1106.74048 Hz/cm



ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)
01	3772.08	93.9178	22	817.670	83.4279
02	3694.94	93.4873	23	767.530	87.2371
03	3451.96	81.8190	24	717.390	89.4178
04	3374.82	78.7247	25	678.820	85.0239
05	2958.27	71.7585	26	516.829	93.8252
06	2865.70	71.5047	27	455.118	94.6766
07	2715.28	87.3824	28	404.978	91.1937
08	2395.16	88.7312			
09	2279.45	88.9218			
10	1724.05	88.1002			
11	1658.48	85.6935			
12	1592.91	81.0128			
13	1511.92	65.8790			
14	1461.78	73.6432			
15	1419.35	78.9247			
16	1369.21	80.7548			
17	1311.36	81.8839			
18	1257.36	71.5120			
19	1137.80	75.1902			
20	1029.80	76.2974			
21	883.238	82.9129			



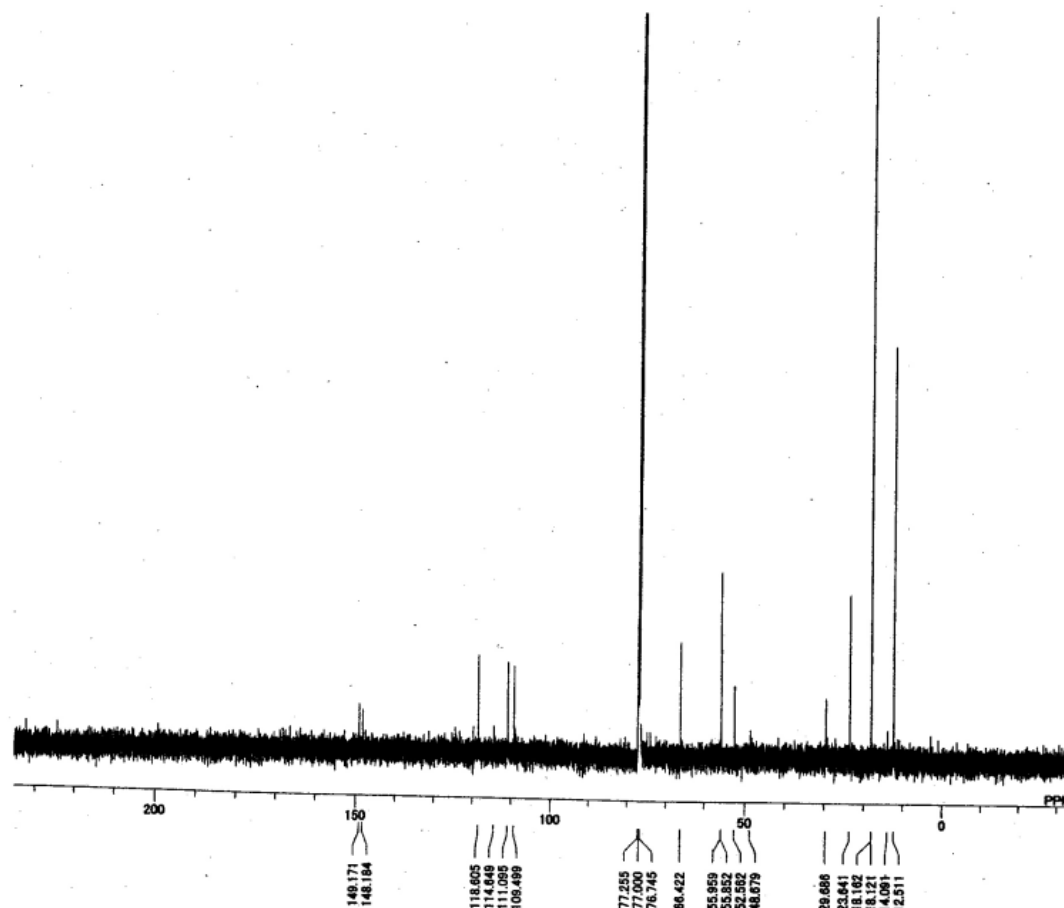
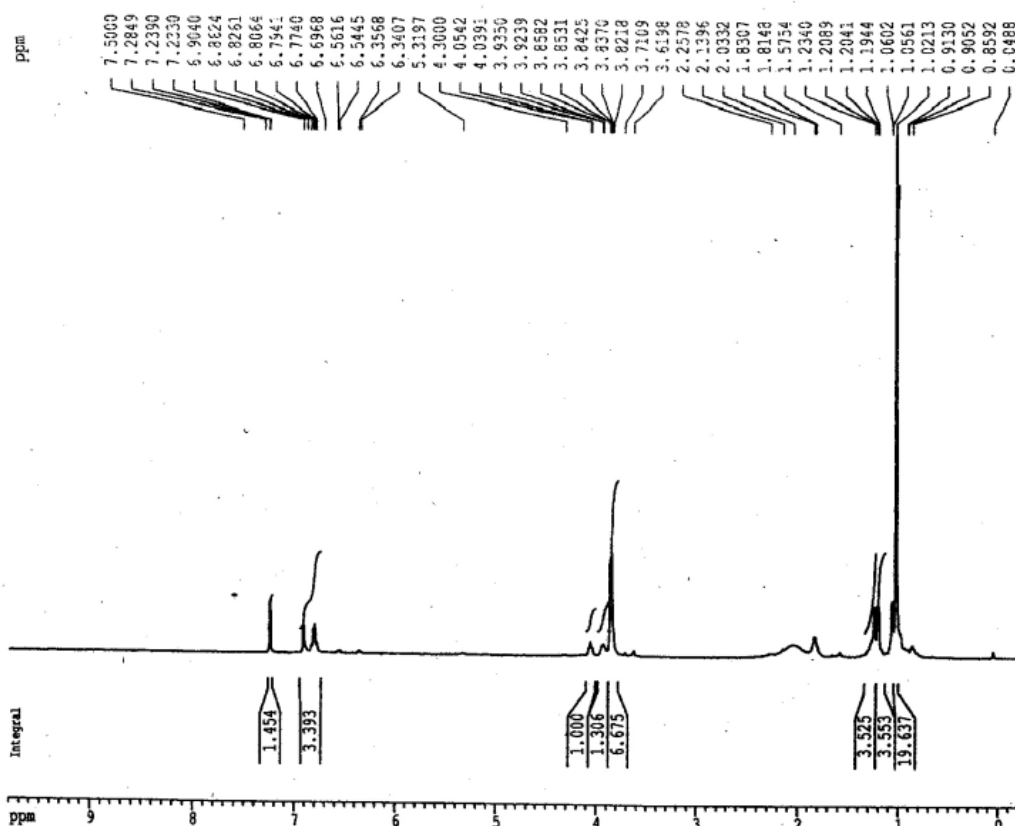


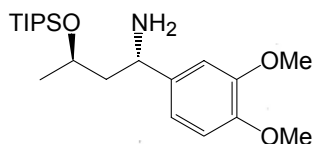
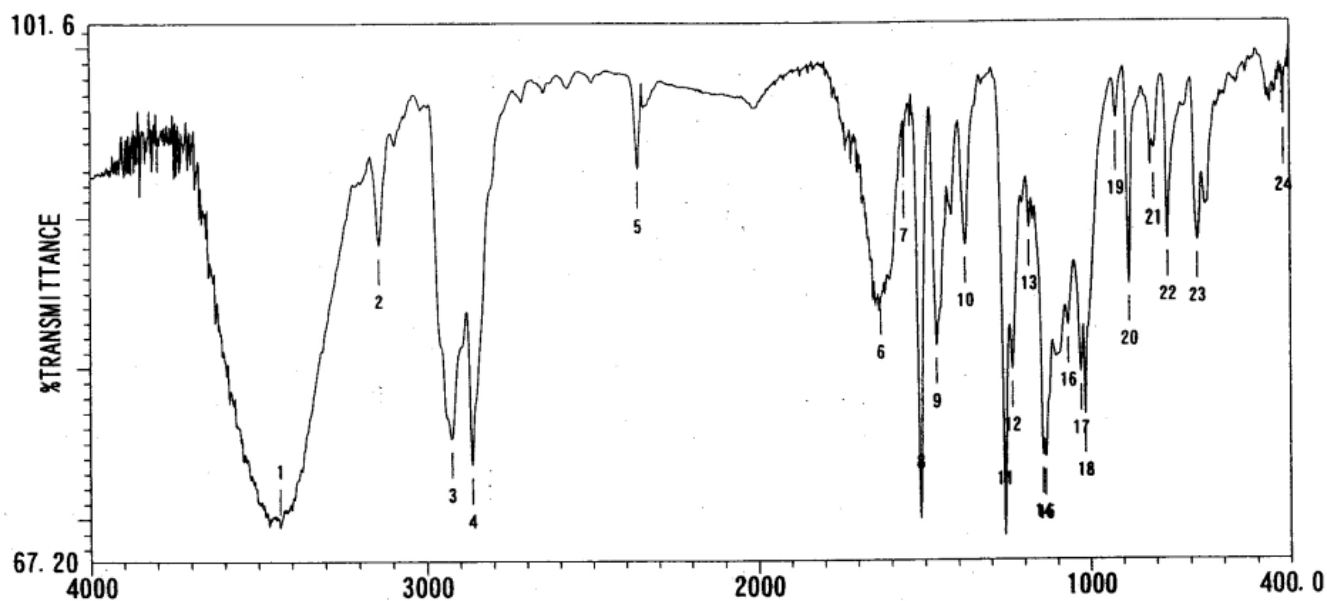
Current Data Parameters
 NAME Jul09-03-hayash
 EXPNO 15
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20030709
 Time 1.07
 INSTRUM dpr400
 PROBD 5 mm QNP 1H/2
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 0
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 456.1
 DW 60.800 usec
 DE 6.00 usec
 TE 300.0 K
 D1 1.00000000 sec
 P1 7.90 usec
 SFO1 400.1324710 MHz
 NUC1 1H
 PL1 3.00 dB

F2 - Processing parameters
 SI 16384
 SF 400.1300182 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 9.800 ppm
 F1 3921.27 Hz
 F2P -0.200 ppm
 F2 -80.03 Hz
 PPMCN 0.50000 ppm/cm
 HCM 200.06500 Hz/cm





Wavenumbers (cm ⁻¹)					
ピーク番号	波数 (cm ⁻¹)	透過率 (%)	ピーク番号	波数 (cm ⁻¹)	透過率 (%)
01	3434.60	69.4884	11	1259.29	68.8247
02	3139.54	88.1983	12	1236.15	79.7996
03	2923.56	75.3121	13	1184.08	89.2152
04	2863.77	73.5934	14	1143.58	74.0835
05	2360.44	93.1183	15	1135.87	73.9942
06	1629.55	84.6734	16	1066.44	82.7252
07	1558.20	92.4536	17	1027.87	79.5674
08	1511.92	69.9607	18	1014.37	76.7766
09	1463.71	81.3979	19	919.879	95.3813
10	1376.93	88.1262	20	881.309	85.4723