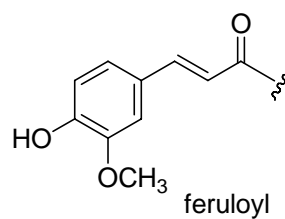
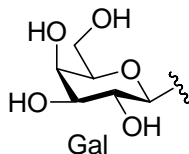
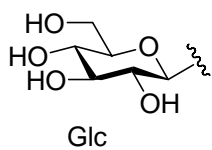
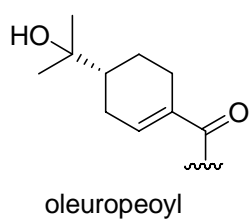
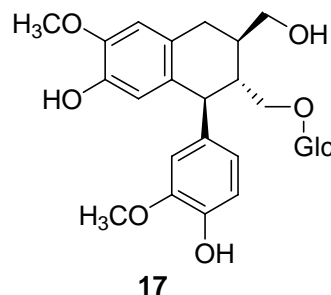
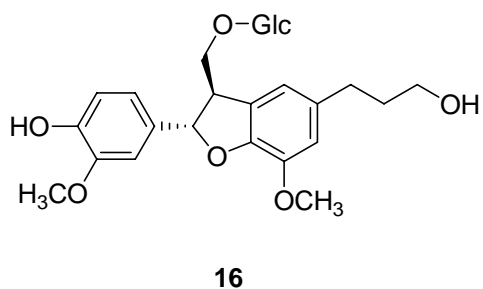
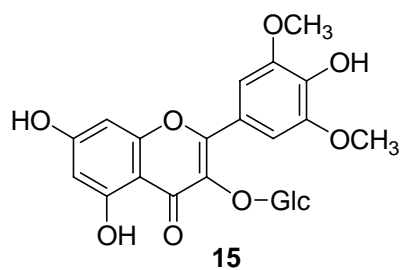
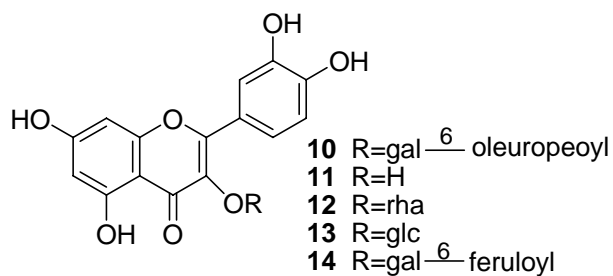
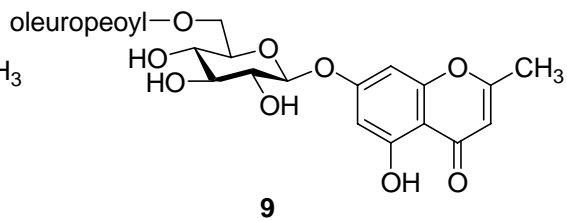
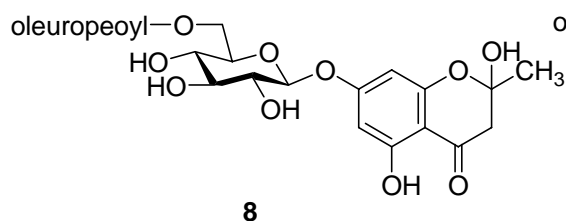
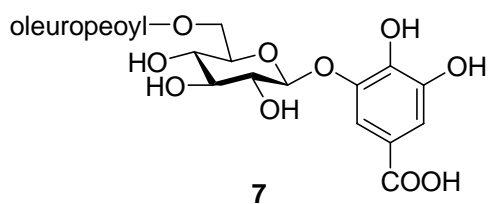
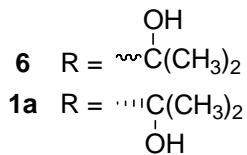
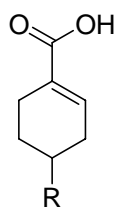
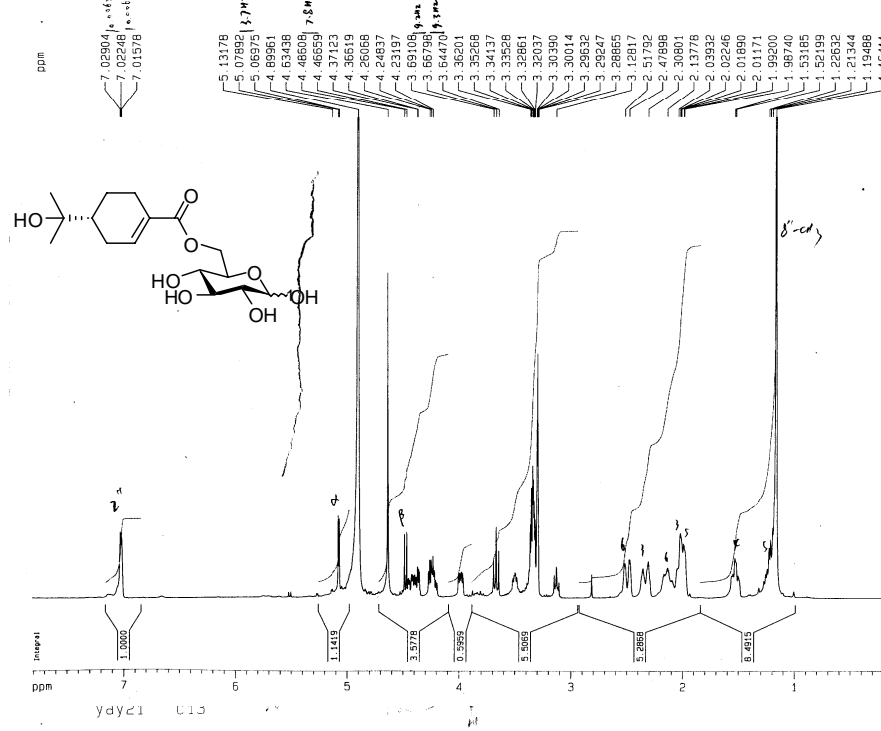


Known compounds **6-17** isolated from fresh leaves of *Eucalyptus maideni*



# <sup>1</sup>H NMR and <sup>13</sup>C NMR spectra for compound 1



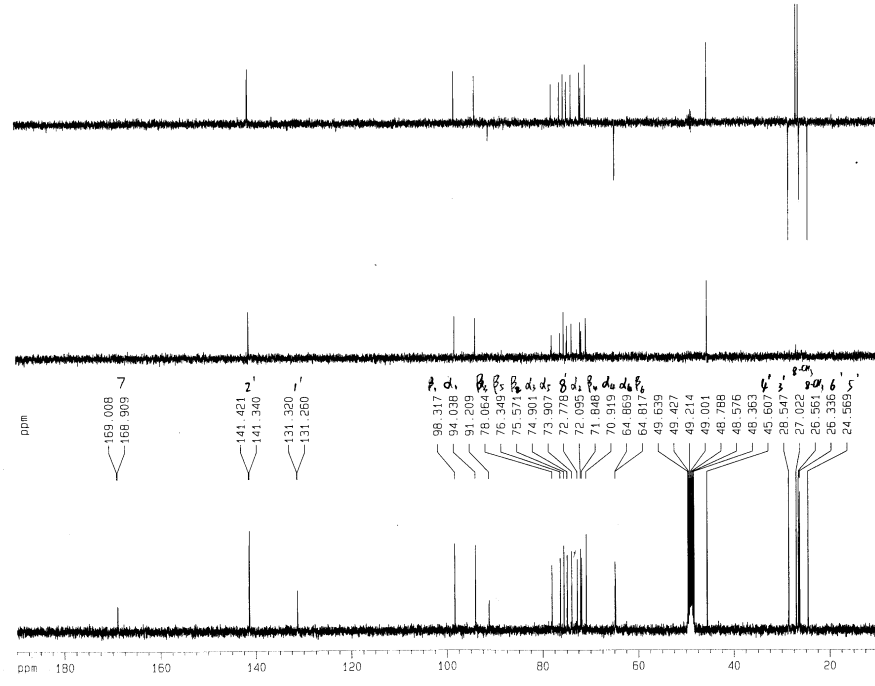
Current Data Parameters  
 NAME yay21  
 EXPNO 1  
 PROCNO 1

F2 - Acquisition Parameters  
 Date\_ 20080418  
 Time 19:25  
 INSTRUM av400  
 PROBHD 5 mm QNP 1H/15  
 PULPROG zgpg30  
 TD 65536  
 SOLVENT MeOD  
 NS 3  
 DS 0  
 SWH 6410.256 Hz  
 FIDRES 0.097813 Hz  
 DE 5.00 usec  
 RG 57  
 DW 78.000 usec  
 DE 5.00 usec  
 TE 291.9 K  
 D1 2.0000000 sec  
 MCREST 0.0000000 sec  
 MCMR 0.0150000 sec

----- CHANNEL f1 -----  
 NUC1 1H  
 P1 10.00 usec  
 PL1 -3.00 dB  
 SFO1 400.1324088 MHz

F2 - Processing Parameters  
 S1 32768  
 SF 400.1300130 MHz  
 WM EM  
 SSB 0  
 LB 0.30 Hz  
 GB 0  
 PC 1.00

1D NMR plot parameters  
 CX 22.00 cm  
 CY 32.00 cm  
 F1P 7.811 ppm  
 F1 3125.43 Hz  
 F2P 0.135 ppm  
 F2 54.03 Hz  
 PPMH 0.34891 ppm/cm  
 HZCM 139.60915 Hz/cm



Current Data Parameters  
 NAME yay21  
 EXPNO 2  
 PROCNO 1

F2 - Acquisition Parameters  
 Date\_ 20080418  
 Time 14:17  
 INSTRUM av400  
 PROBHD 5 mm QNP 1H/15  
 PULPROG zgpg30  
 TD 32768  
 SOLVENT CDCl3  
 NS 865  
 DS 2  
 SWH 23584.906 Hz  
 FIDRES 0.719754 Hz  
 DE 5.00 usec  
 RG 8192  
 DW 21.200 usec  
 DE 5.00 usec  
 TE 319.9 K  
 D1 3.0000000 sec  
 p11 0.0000000 sec  
 MCREST 0.0000000 sec  
 MCMR 0.0150000 sec

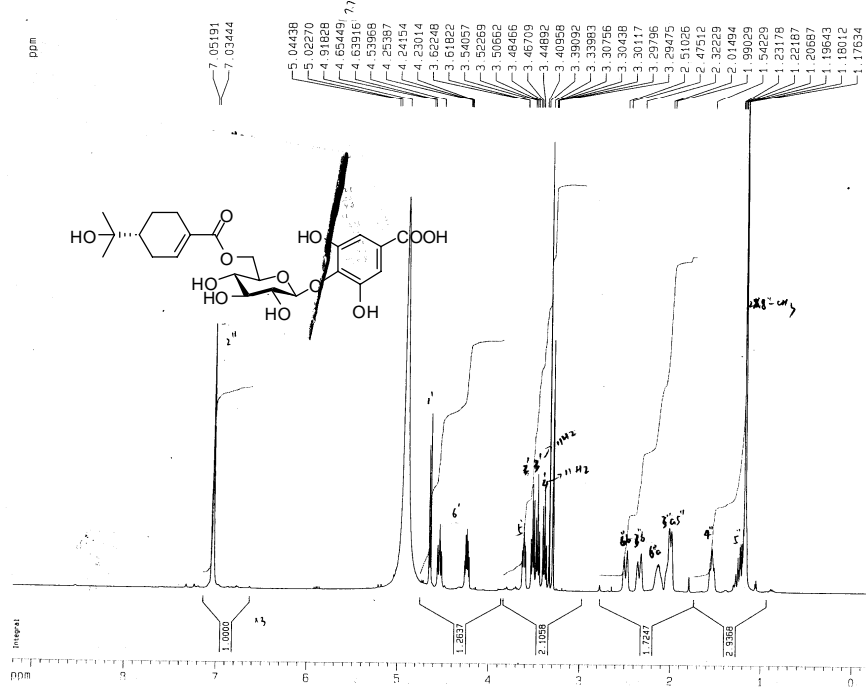
----- CHANNEL f1 -----  
 NUC1 13C  
 P1 9.40 usec  
 PL1 -4.00 dB  
 SFO1 100.6283696 MHz

----- CHANNEL f2 -----  
 CPDPRG2 waltz16  
 NUC2 1H  
 P2 90.00 usec  
 PL2 -3.00 dB  
 PL12 14.00 dB  
 SFO2 400.1318095 MHz

F2 - Processing Parameters  
 S1 32768  
 SF 100.6126280 MHz  
 WM X  
 SSB 0  
 LB 1.00 Hz  
 GB 0  
 PC 2.00

1D NMR plot parameters  
 CX 22.00 cm  
 CY 32.00 cm  
 F1P 199.000 ppm  
 F1 19116.40 Hz  
 F2P 10.000 ppm  
 F2 1006.13 Hz  
 PPMH 6.18182 ppm/cm  
 HZCM 823.19421 Hz/cm

# <sup>1</sup>H NMR and <sup>13</sup>C NMR spectra for compound 2



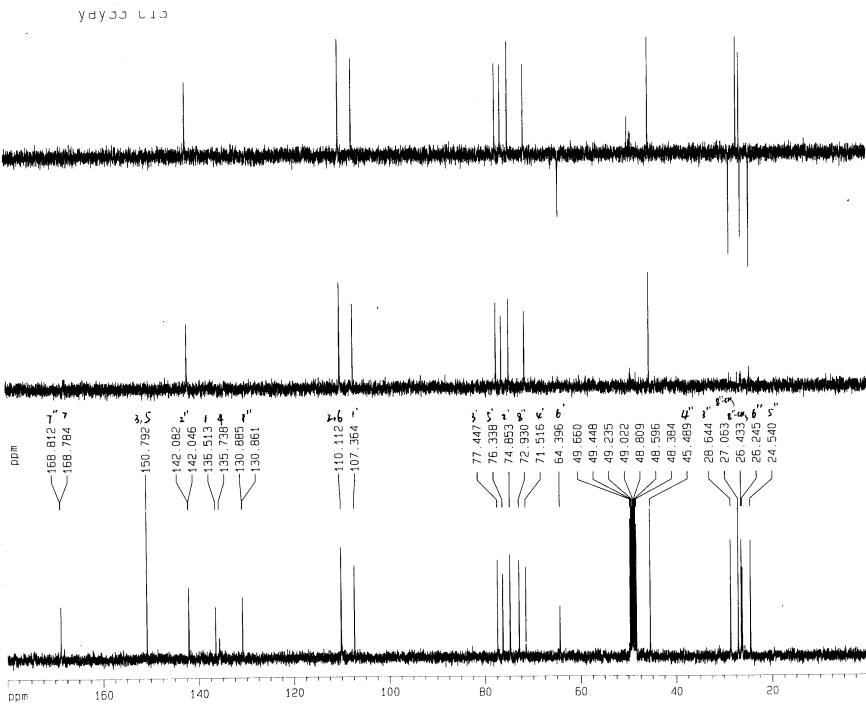
Current Data Parameters  
 Name yxy33  
 EXPNO 19  
 PROCNO 1

F2 - Acquisition Parameters  
 Date\_ 20080603  
 Time 15.20  
 INSTRUM spect  
 PROBHD 5 mm BBI 1H-90  
 PULPROG zg  
 TD 32768  
 SOLVENT Acetone  
 NS 1  
 DS 1  
 SWH 8992.806 Hz  
 FIDRES 0.274435 Hz  
 AQ 1.8219508 sec  
 RG 45.3  
 DW 55.500 usec  
 DE 5.00 usec  
 TE 0.0 K  
 D1 1.0000000 sec  
 NCREST 0.0000000 sec  
 NCMR 0.0150000 sec

\*\*\*\*\* CHANNEL f1 \*\*\*\*\*  
 NUC1 1H  
 P1 10.00 usec  
 PL1 -4.00 dB  
 SFO1 500.035002 MHz

F2 - Processing parameters  
 S1 16384  
 SF 500.0300130 MHz  
 MW 5M  
 SSB 0  
 LB -0.40 Hz  
 GB 0.2  
 PC 3.00

1D NMR plot parameters  
 CX 22.00 cm  
 CY 23.00 cm  
 FIP 9.218 ppm  
 F1 4509.35 Hz  
 F2P 0.292 ppm  
 F2 -145.01 Hz  
 FWHM 0.4328 ppm/cm  
 HZCM 216.15263 Hz/cm



Current Data Parameters  
 Name yxy33  
 EXPNO 2  
 PROCNO 1

F2 - Acquisition Parameters  
 Date\_ 20080604  
 Time 16.48  
 INSTRUM spect  
 PROBHD 5 mm QNP 1H/13  
 PULPROG zgpg30  
 TD 32768  
 SOLVENT MeOD  
 NS 2  
 DS 2  
 SWH 23584.905 Hz  
 FIDRES 0.719554 Hz  
 AQ 0.6847528 sec  
 RG 8192  
 DW 21.000 usec  
 DE 5.00 usec  
 TE 293.8 K  
 D1 3.0000000 sec  
 d11 0.0300000 sec  
 NCREST 0.0000000 sec  
 NCMR 0.0350000 sec

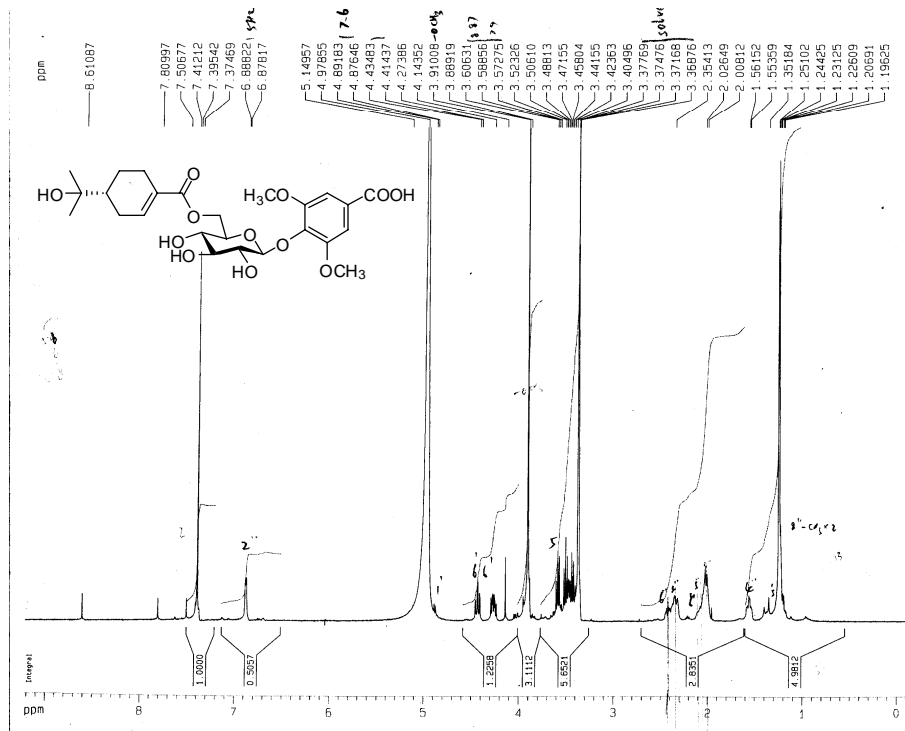
\*\*\*\*\* CHANNEL f1 \*\*\*\*\*  
 NUC1 13C  
 P1 9.40 usec  
 PL1 -4.00 dB  
 SFO1 100.6239976 MHz

\*\*\*\*\* CHANNEL f2 \*\*\*\*\*  
 CPDPRG2 waltz16  
 NUC2 1H  
 P2P2 90.00 usec  
 PL2 -3.00 dB  
 PL12 14.00 dB  
 SFO2 400.1316005 MHz

F2 - Processing parameters  
 S1 30768  
 SF 100.6126300 MHz  
 MW 5M  
 SSB 0  
 LB 1.00 Hz  
 GB 0  
 PC 1.50

1D NMR plot parameters  
 CX 22.00 cm  
 CY 4.00 cm  
 FIP 180.000 ppm  
 F1 16519.27 Hz  
 F2P 0.000 ppm  
 F2 0.00 Hz  
 FWHM 0.16182 ppm/cm  
 HZCM 823.19427 Hz/cm

# <sup>1</sup>H NMR and <sup>13</sup>C NMR spectra for compound 3



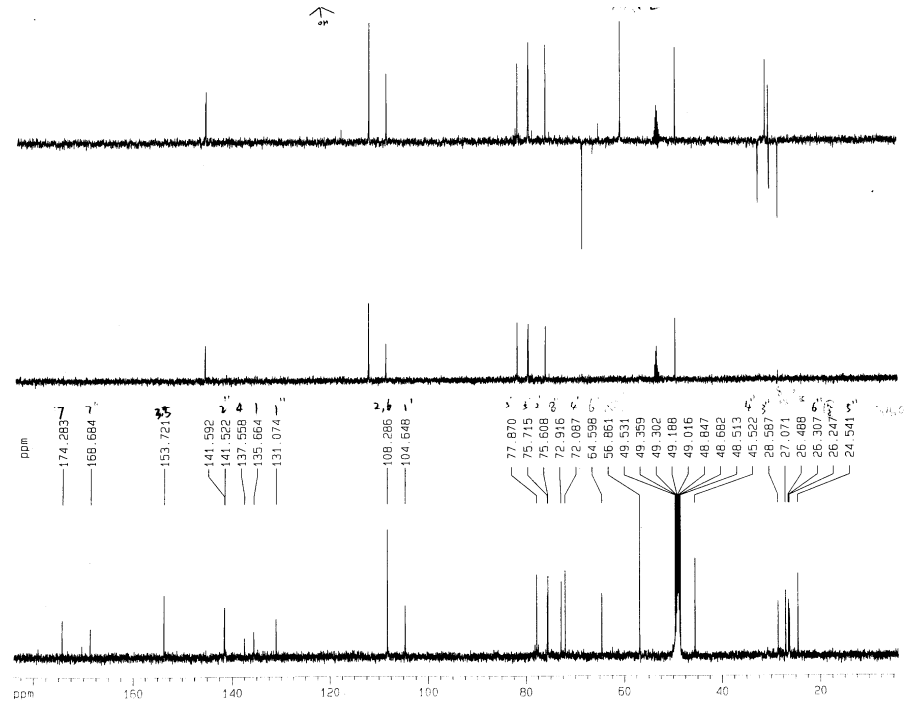
Current Data Parameters  
 NAME: vav06  
 EXPNO: 21  
 PROCNO: 1

F2 - Acquisition Parameters  
 Date\_: 20080220  
 Time: 12.13  
 INSTRUM: BRX500  
 PROBHD: 5 mm DUL 13C-1  
 PULPROG: zg  
 TD: 32768  
 SOLVENT: MeOD  
 NS: 1  
 DS: 0  
 SWH: 8012.820 Hz  
 FIDRES: 0.244532 Hz  
 AQ: 2.0447731 sec  
 RG: 90.5  
 DM: 62.400 usec  
 DE: 5.00 usec  
 TE: 300.0 K  
 D1: 1.0000000 sec

\*\*\*\*\* CHANNEL f1 \*\*\*\*\*  
 NUC1: 1H  
 P1: 10.00 usec  
 PL1: -0.00 dB  
 SFO1: 500.030002 MHz

F2 - Processing parameters  
 SI: 16384  
 SF: 500.029762 MHz  
 NH: 66  
 SSB: 0  
 LB: -0.40 Hz  
 GB: 0.2  
 PC: 1.00

1D NMR plot parameters  
 CX: 22.00 cm  
 CY: 43.00 cm  
 F1P: 9.219 ppm  
 F1: 4602.04 Hz  
 F2: -0.175 ppm  
 F2: -88.16 Hz  
 PPMH: 0.42706 ppm/cm  
 XZCM: 213.54515 Hz/cm



Current Data Parameters  
 NAME: vav06  
 EXPNO: 22  
 PROCNO: 1

F2 - Acquisition Parameters  
 Date\_: 20080220  
 Time: 15.48  
 INSTRUM: BRX500  
 PROBHD: 5 mm DUL 13C-1  
 PULPROG: zgpg30  
 TD: 32768  
 SOLVENT: MeOD  
 NS: 694  
 DS: 0  
 SWH: 29498.525 Hz  
 FIDRES: 0.300224 Hz  
 AQ: 0.3544676 sec  
 RG: 5792.6  
 DM: 16.350 usec  
 DE: 6.00 usec  
 TE: 300.0 K  
 D1: 4.5000000 sec  
 d11: 0.0300000 sec

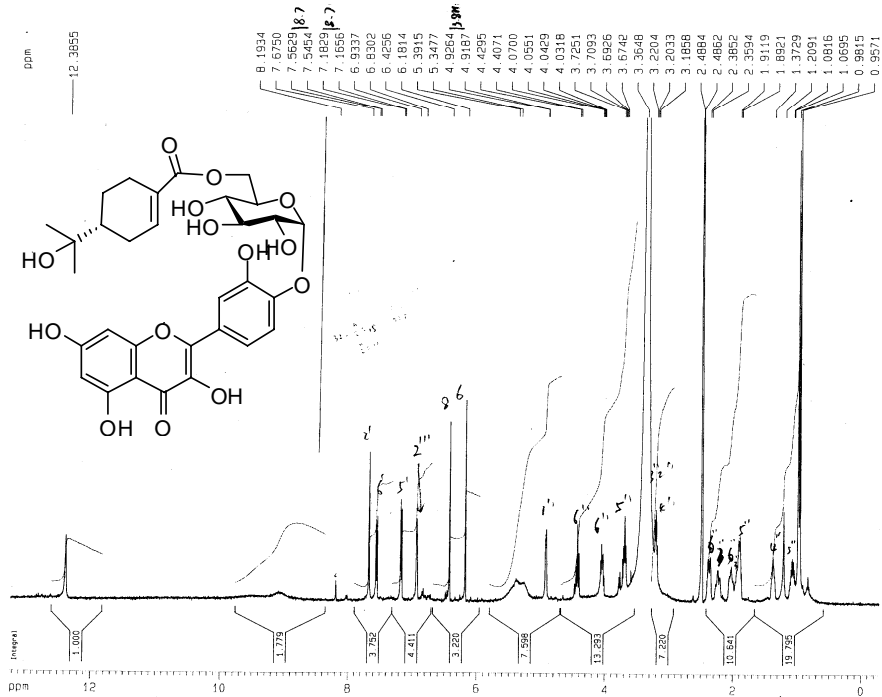
\*\*\*\*\* CHANNEL f1 \*\*\*\*\*  
 NUC1: 13C  
 P1: 5.90 usec  
 PL1: 0.00 dB  
 SFO1: 125.7464746 MHz

\*\*\*\*\* CHANNEL f2 \*\*\*\*\*  
 CPDPRG2: waltz16  
 NUC2: 1H  
 PCPD2: 84.00 usec  
 PL2: -4.00 dB  
 PL12: 15.00 dB  
 SFO2: 500.0326001 MHz

F2 - Processing parameters  
 SI: 16384  
 SF: 125.7324655 MHz  
 NH: 66  
 SSB: 0  
 LB: 1.00 Hz  
 GB: 0  
 PC: 2.00

1D NMR plot parameters  
 CX: 22.00 cm  
 CY: 54.00 cm  
 F1P: 184.000 ppm  
 F1: 23134.77 Hz  
 F2: 4.000 ppm  
 F2: 502.93 Hz  
 PPMH: 8.10182 ppm/cm  
 XZCM: 1026.72021 Hz/cm

<sup>1</sup>H NMR and <sup>13</sup>C NMR spectra for compound **4** in DMSO-d<sub>6</sub>



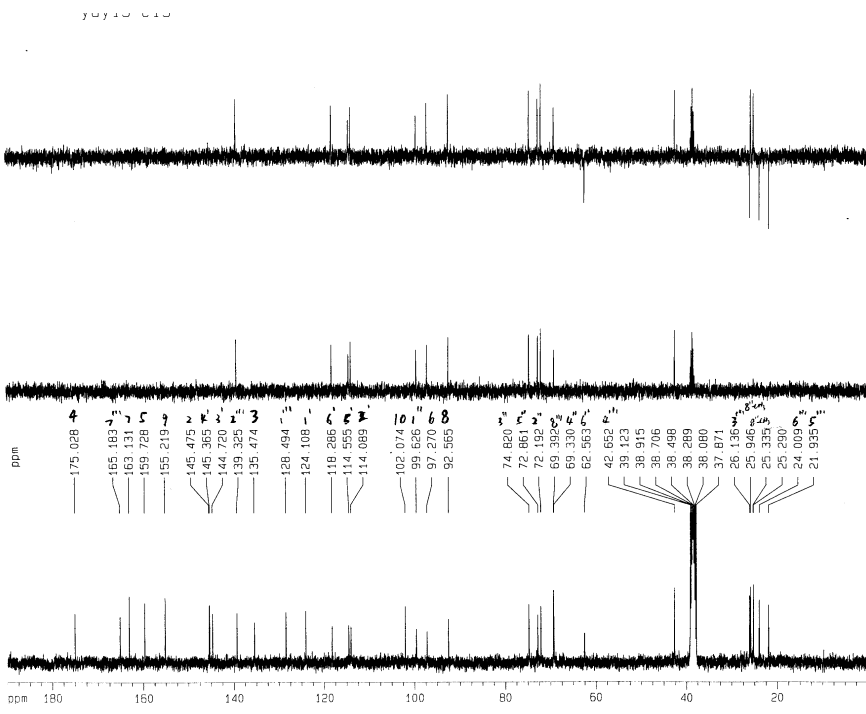
Current Data Parameters  
 NAME yav15  
 EXPNO 21  
 PROCNO 1

F2 - Acquisition Parameters  
 Date\_ 20080408  
 Time 17.02  
 INSTRUM spect  
 PROBRD 5 mm BBI 1H-89  
 PULPROG zg  
 ID 32768  
 SOLVENT DMSO  
 NS 1  
 DS 0  
 SWH 12019.230 Hz  
 FIDRES 0.360788 Hz  
 AQ 1.3631988 sec  
 RG 151.3  
 DW 41.600 usec  
 DE 6.00 usec  
 TE 0.0 K  
 D1 1.00000000 sec  
 MCREST 0.00000000 sec  
 MCWRK 0.01500000 sec

----- CHANNEL f1 -----  
 NUC1 1H  
 P1 9.20 usec  
 PL1 -4.00 dB  
 SF01 500.035002 MHz

F2 - Processing parameters  
 SI 16384  
 SF 500.0297837 MHz  
 MDW DM  
 SSB 0  
 LB -0.40 Hz  
 GB 0.2  
 PC 1.00

1D NMR plot parameters  
 CX 22.00 cm  
 CY 32.00 cm  
 F1P 13.234 ppm  
 F1 6617.44 Hz  
 F2P -0.284 ppm  
 F2 -142.25 Hz  
 PPMCN 0.6148 ppm/cm  
 HZCN 307.2681 Hz/cm



Current Data Parameters  
 NAME yav15  
 EXPNO 2  
 PROCNO 1

F2 - Acquisition Parameters  
 Date\_ 20080412  
 Time 14.50  
 INSTRUM av400  
 PROBRD 5 mm DNP 1H/13  
 PULPROG zgpg  
 ID 32768  
 SOLVENT DMSO  
 NS 2800  
 DS 2  
 SWH 23584.506 Hz  
 FIDRES 0.719754 Hz  
 AQ 0.6947528 sec  
 RG 28.6  
 DW 21.200 usec  
 DE 6.00 usec  
 TE 291.9 K  
 D1 3.00000000 sec  
 MCREST 0.00000000 sec  
 MCWRK 0.01500000 sec

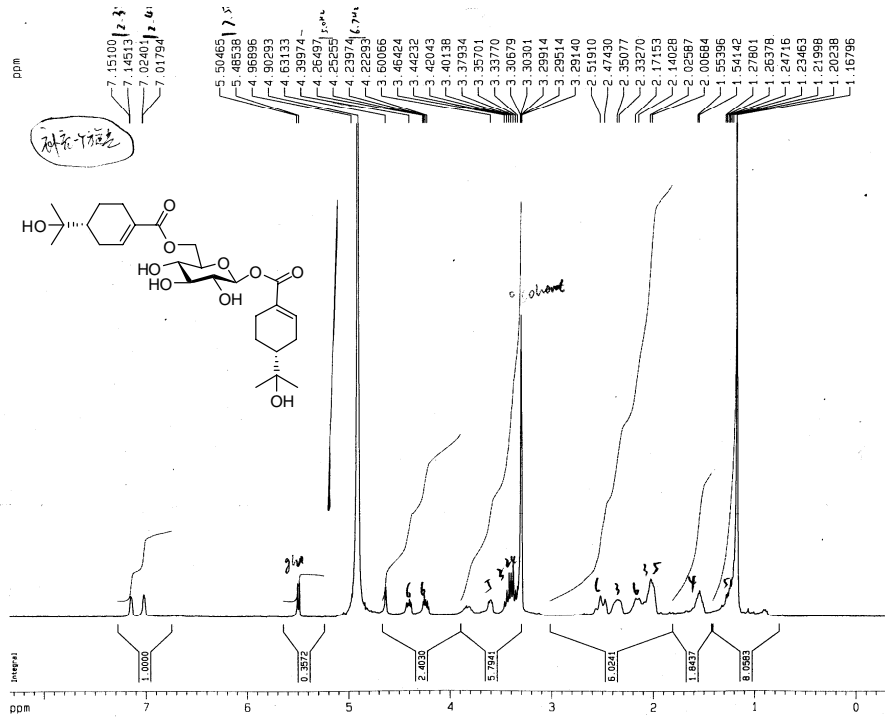
----- CHANNEL f1 -----  
 NUC1 13C  
 P1 9.40 usec  
 PL1 -4.00 dB  
 SF01 100.6239976 MHz

----- CHANNEL f2 -----  
 NUC2 1H  
 P2 90.00 usec  
 PL2 -3.00 dB  
 PL12 14.00 dB  
 SF02 400.1315005 MHz

F2 - Processing parameters  
 SI 32768  
 SF 100.6162811 MHz  
 MDW EM  
 SSB 0  
 LB 1.00 Hz  
 GB 0  
 PC 1.50

1D NMR plot parameters  
 CX 22.00 cm  
 CY 54.00 cm  
 F1P 180.000 ppm  
 F1 101316.46 Hz  
 F2P -0.000 ppm  
 F2 -0.00 Hz  
 PPMCN 8.63636 ppm/cm  
 HZCN 868.30975 Hz/cm

# <sup>1</sup>H NMR and <sup>13</sup>C NMR spectra for compound 5



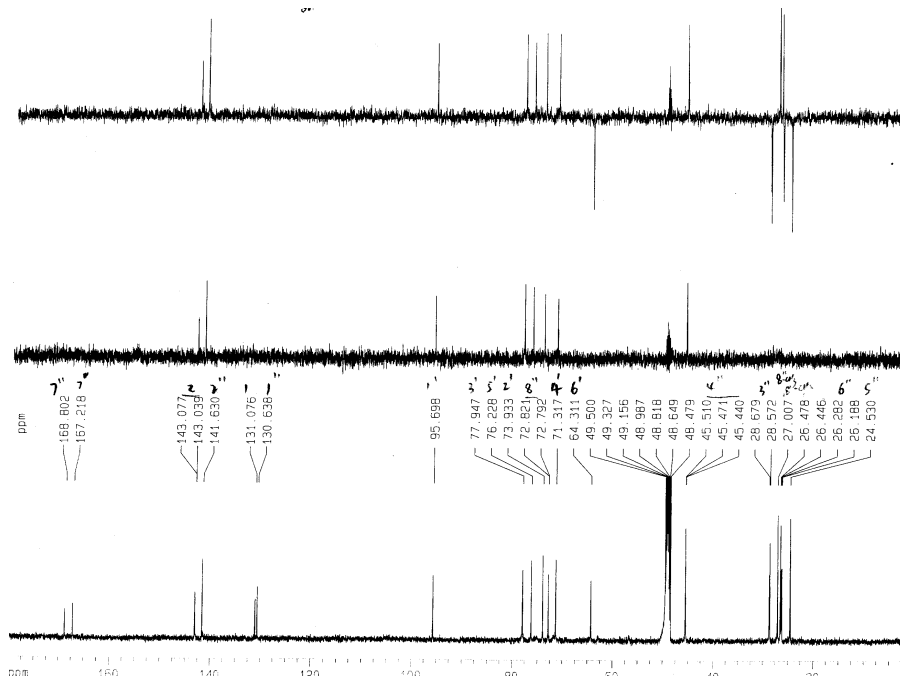
Current Data Parameters  
 NAME yuy05  
 EXPNO 1  
 PROCNO 1

F2 - Acquisition Parameters  
 Date\_ 20080312  
 Time 19.42  
 INSTRUM av400  
 PROBHD 5 mm QNP 1H/15  
 PULPROG zgpg30  
 TD 65536  
 SOLVENT Pyr  
 NS 1  
 DS 0  
 SMH 9615.385 Hz  
 FIDRES 0.146719 Hz  
 AQ 3.4079140 sec  
 RG 80.6  
 DM 52.000 usec  
 DE 6.00 usec  
 TE 291.8 K  
 D1 2.00000000 sec  
 MCREST 0.00000000 sec  
 MCWRR 0.01500000 sec

----- CHANNEL f1 -----  
 NUC1 1H  
 P1 10.00 usec  
 PL1 -3.00 dB  
 SFO1 400.1326009 MHz

F2 - Processing parameters  
 SI 32768  
 SF 400.1255077 MHz  
 WDW EM  
 SSB 0  
 LB 0.30 Hz  
 GB 0  
 PC 1.00

1D NMR plot parameters  
 CX 22.00 cm  
 CY 65.00 cm  
 F1P 8.344 ppm  
 F1 3338.51 Hz  
 F2P -0.357 ppm  
 F2 -142.70 Hz  
 ZPCW 0.38546 ppm/cm  
 HZCM 158.23680 Hz/cm



Current Data Parameters  
 NAME yuy05  
 EXPNO 22  
 PROCNO 1

F2 - Acquisition Parameters  
 Date\_ 20080317  
 Time 1.00  
 INSTRUM spect  
 PROBHD 5 mm DLI 13C-1  
 PULPROG zgpg30  
 TD 32768  
 SOLVENT DMSO  
 NS 2768  
 DS 0  
 SMH 28980.508 Hz  
 FIDRES 0.804667 Hz  
 AQ 0.5652980 sec  
 RG 2798.8  
 DM 17.250 usec  
 DE 6.00 usec  
 TE 0.0 K  
 D1 3.00000000 sec  
 S11 0.03000000 sec  
 MCREST 0.00000000 sec  
 MCWRR 0.01500000 sec

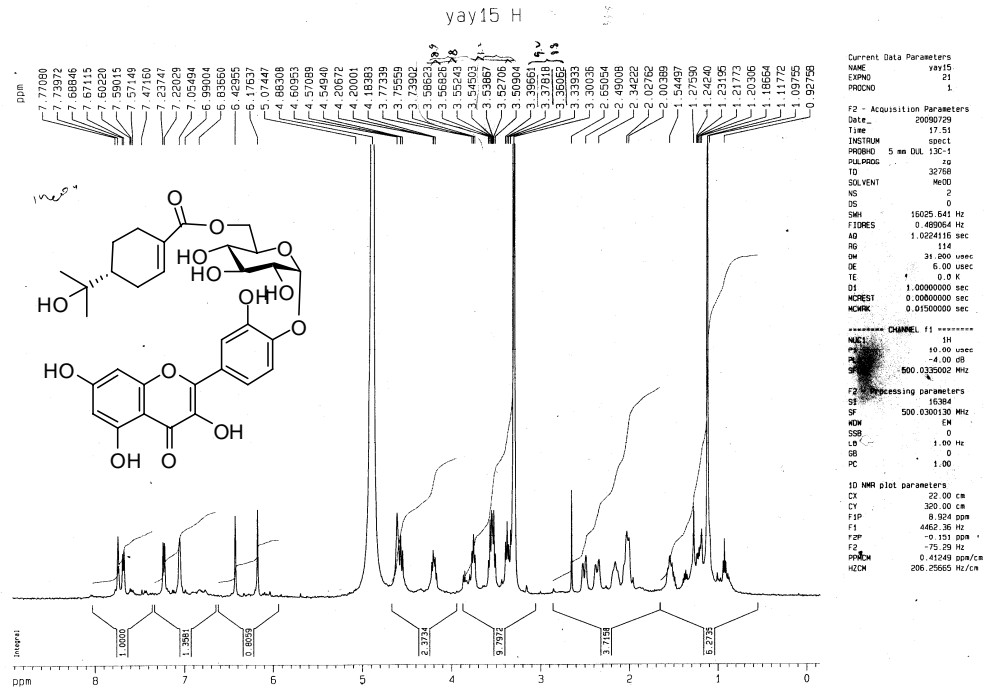
----- CHANNEL f1 -----  
 NUC1 13C  
 P1 5.50 usec  
 PL1 0.00 dB  
 SFO1 125.7487681 MHz

----- CHANNEL f2 -----  
 CPDPRG2 waltz16  
 NUC2 1H  
 P2P2 64.00 usec  
 PL2 -4.00 dB  
 PL1P 18.00 dB  
 SFO2 500.0325001 MHz

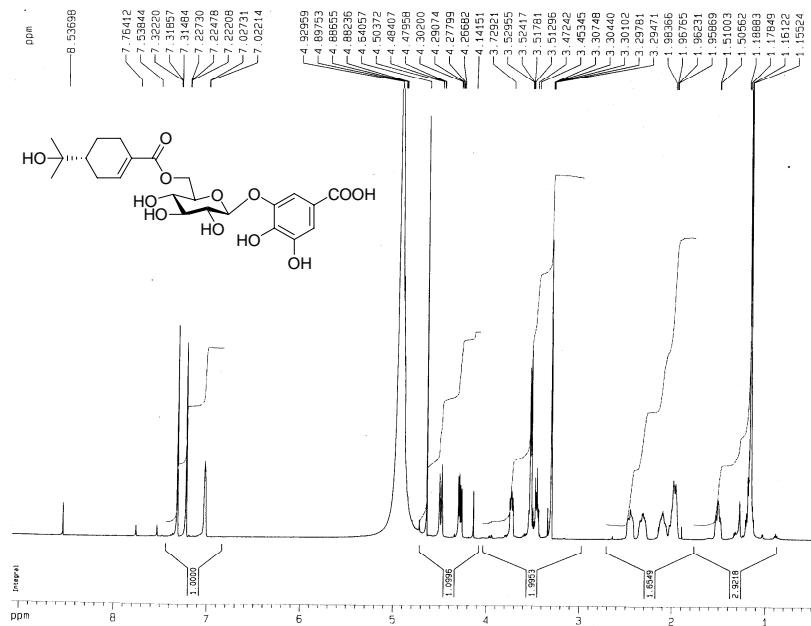
F2 - Processing parameters  
 SI 32768  
 SF 125.7323670 MHz  
 WDW EM  
 SSB 0  
 LB 1.00 Hz  
 GB 0  
 PC 2.00

1D NMR plot parameters  
 CX 22.00 cm  
 CY 41.00 cm  
 F1P 190.000 ppm  
 F1 23231.893 Hz  
 F2P 0.000 ppm  
 F2 0.00 Hz  
 ZPCW 8.181802 ppm/cm  
 HZCM 1028.71936 Hz/cm

<sup>1</sup>H NMR spectrum for compound **4** in CD<sub>3</sub>OD



# <sup>1</sup>H NMR and <sup>13</sup>C NMR spectra for known compound 7



Current Data Parameters  
 NAME yay23  
 EXPNO 21  
 PROCNO 1

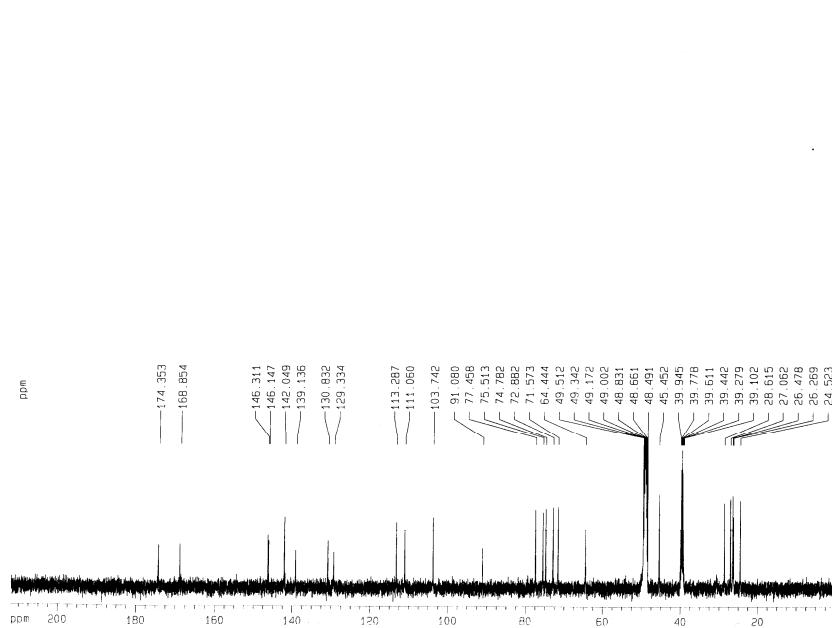
F2 - Acquisition Parameters  
 Date\_ 20080429  
 Time 14:27  
 INSTRUM spect  
 PROBRD 5 mm BB1 1H-BB  
 PULPROG zg  
 ID 32768  
 SOLVENT MeD  
 NS 1  
 DS 0  
 SMH 8012.820 Hz  
 FIDRES 0.244532 Hz  
 AQ 2.0447731 sec  
 RG 64  
 DW 62.400 usec  
 DE 6.00 usec  
 TE 0.0 K  
 DT 1.0000000 sec  
 MCHST 0.0000000 sec  
 MCMK 0.0150000 sec

\*\*\*\*\* CHANNEL f1 \*\*\*\*\*  
 NUC1 1H  
 P1 10.00 usec  
 PL1 -4.00 dB  
 SFO1 500.0324562 MHz

F2 - Processing parameters  
 SI 16384  
 SF 500.030159 MHz  
 WM GM  
 SSB 0  
 LB -0.40 Hz  
 GB 0.2  
 PC 1.00

1D NMR plot parameters  
 CX 22.00 cm  
 CY 24.00 cm  
 FXP 9.075 ppm  
 F1 4531.60 Hz  
 FZP 0.446 ppm  
 F2 223.01 Hz  
 HZCM 0.33821 ppm/cm  
 HZCM 196.11798 Hz/cm

yay23 c13



Current Data Parameters  
 NAME yay23  
 EXPNO 22  
 PROCNO 1

F2 - Acquisition Parameters  
 Date\_ 20080501  
 Time 9:02  
 INSTRUM spect  
 PROBRD 5 mm DLX 13C-1  
 PULPROG zgpg30  
 ID 55536  
 SOLVENT Pyr  
 NS 899  
 DS 4  
 SMH 30030.029 Hz  
 FIDRES 0.468292 Hz  
 AQ 1.0912844 sec  
 RG 32321.3  
 DW 16.850 usec  
 DE 6.00 usec  
 TE 0.0 K  
 DT 4.0000000 sec  
 SFS 0.0300000 sec  
 DELTA 3.8000010 sec  
 MCHST 0.0000000 sec  
 MCMK 0.0150000 sec

\*\*\*\*\* CHANNEL f1 \*\*\*\*\*  
 NUC1 13C  
 P1 5.90 usec  
 PL1 0.00 dB  
 SFO1 125.7467261 MHz

\*\*\*\*\* CHANNEL f2 \*\*\*\*\*  
 CPDPRG2 waltz16  
 NUC2 1H  
 P2P22 84.00 usec  
 P1P2 4.00 dB  
 PL12 18.00 dB  
 PL13 18.00 dB  
 SFO2 500.0320001 MHz

F2 - Processing parameters  
 SI 32768  
 SF 125.7323804 MHz  
 WM CM  
 SSB 0  
 LB 1.00 Hz  
 GB 0  
 PC 1.40

1D NMR plot parameters  
 CX 22.00 cm  
 CY 21.00 cm  
 FXP 212.000 ppm  
 F1 26655.27 Hz  
 FZP 0.000 ppm  
 F2 0.00 Hz  
 HZCM 9.63636 ppm/cm  
 HZCM 1211.60291 Hz/cm