

**SUPPORTING INFORMATION**

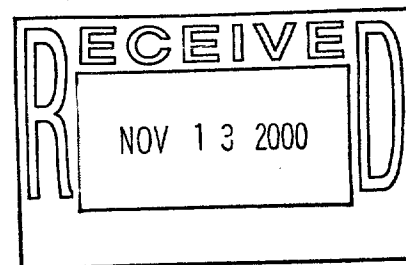
for

**"Enantioselective Syntheses of Authentic Sclerophytin A, Sclerophytin B,  
and Cladiell-11-ene-3,6,7-triol"**

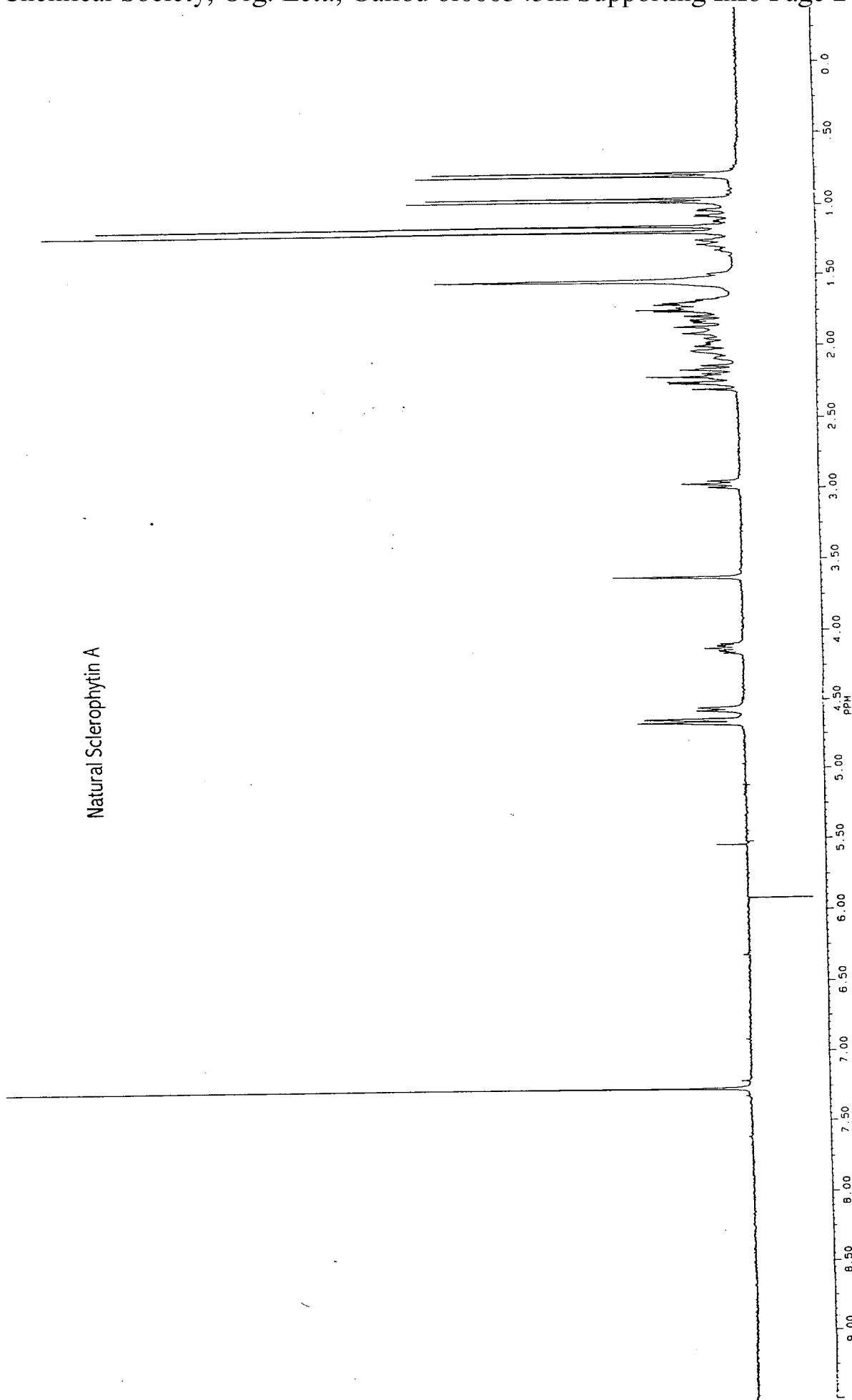
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Ohio State University, Columbus, Ohio 43210-1185

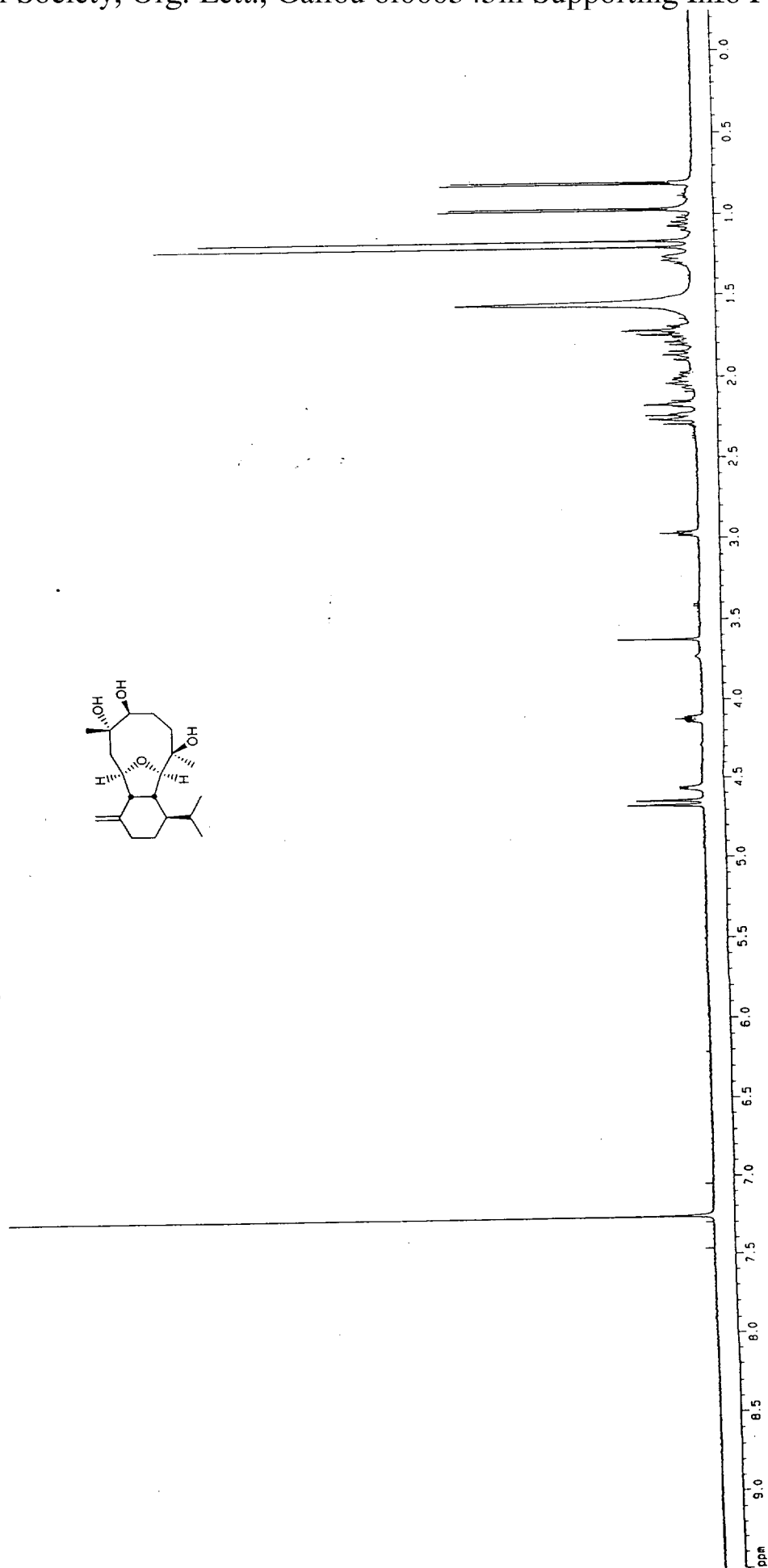
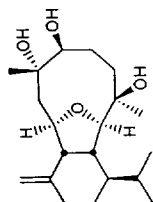
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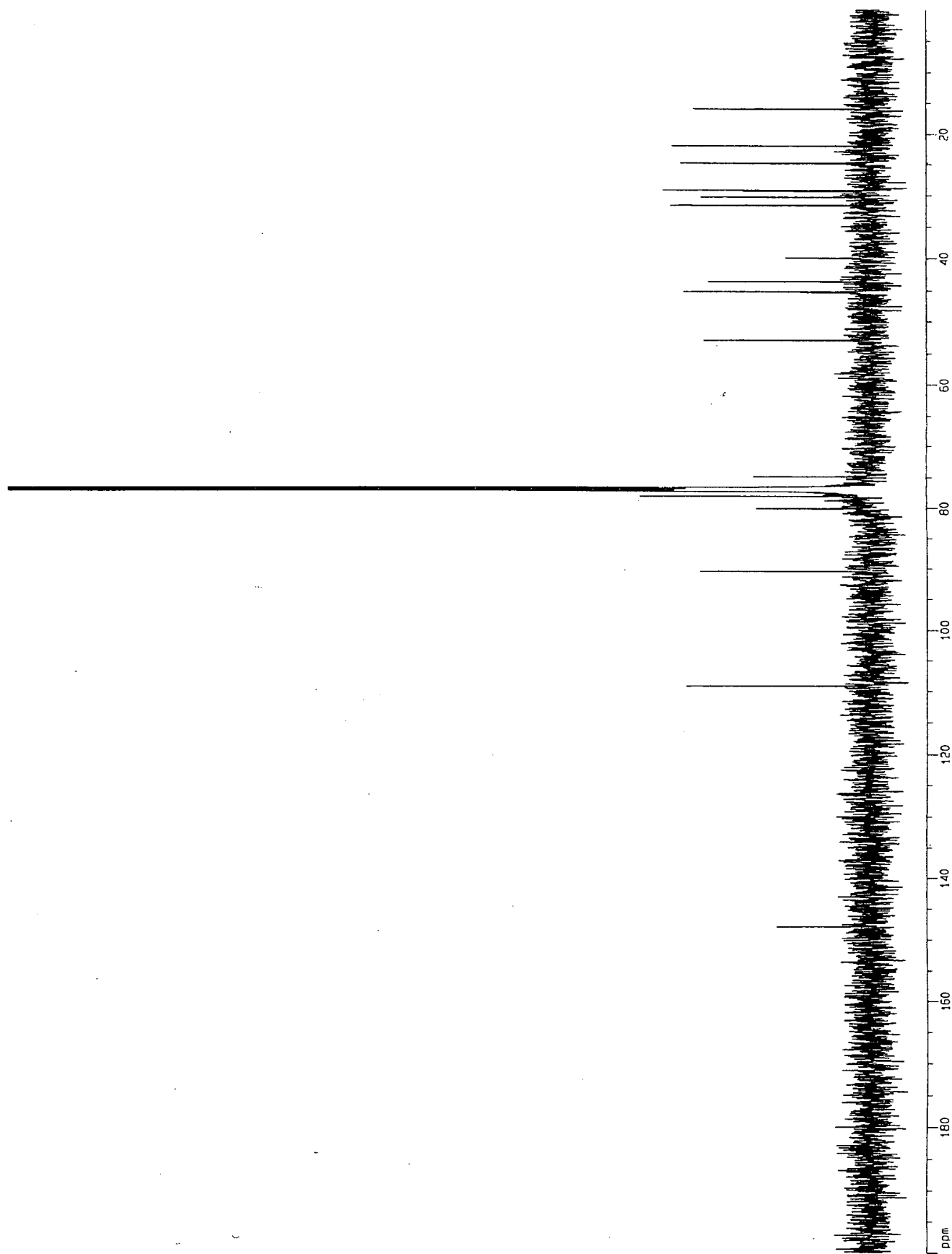
Natural Sclerophytin A



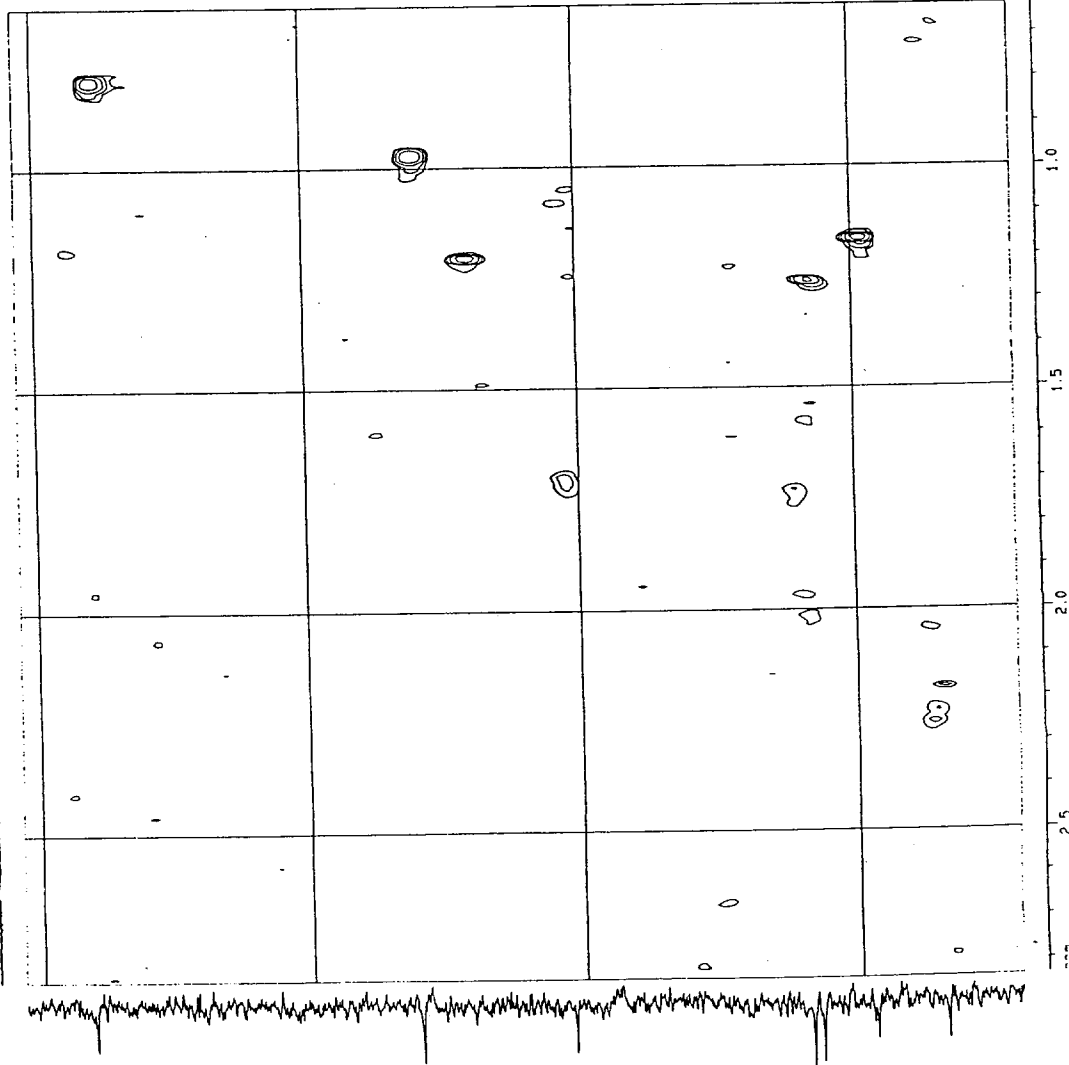
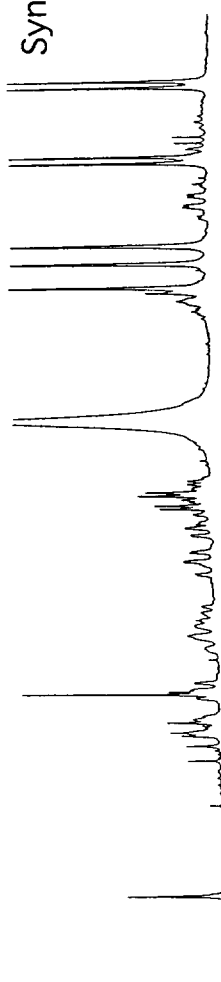
Synthetic Sclerophytin A, CDCl<sub>3</sub>, 500 MHz



Synthetic Sclerophytin A, CDCl<sub>3</sub>, 500 MHz



Synthetic Sclerophytin A, HMQC, CDCI3, 500 MHz



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Current Data Parameters
NAME          OCT26-2000
EXPNO        30
PROCNO       1

F2 - Acquisition Parameters
Date_         20001026
Time          13.27
INSTRUM      spect
PROBHD       5 mm QNP 1H/1
PULPROG      zgpg30
TD           16384
SOLVENT      CDCl3
NS           6
DS           4
SWH          4006.410 MHz
FIDRES      3.812510 Hz
AQ          0.1278428 sec
RG          656
DE          124.800 usec
TE          300.2 K
D0          1.50000000 sec
C1          0.00000000 sec
C2          0.00345000 sec
C3          0.00172500 sec
D1          0.03000000 sec
D2          0.00000000 sec
D3          0.00000000 sec
D4          0.00000000 sec
D5          0.00000000 sec
D6          0.00000000 sec
D7          0.00000000 sec
D8          0.00224000 sec
D9          0.00000000 sec
D10         0.00000000 sec

===== CHANNEL f1 =====
NUC1         13
P1           13.76 usec
PC           1.00 dB
RG1          656
SFO1         500.1300000 MHz

===== CHANNEL f2 =====
CPDPRG2     zgpg30
NUC2         1H
P2           7.50 usec
PC           1.00 dB
RG2          328
SFO2         500.1300000 MHz

===== CHANNEL f3 =====
NUC3         13
P3           13.76 usec
PC           1.00 dB
RG3          656
SFO3         500.1300000 MHz

===== CHANNEL f4 =====
NUC4         1H
P4           7.50 usec
PC           1.00 dB
RG4          328
SFO4         500.1300000 MHz

===== CHANNEL f5 =====
NUC5         13
P5           13.76 usec
PC           1.00 dB
RG5          656
SFO5         500.1300000 MHz

===== CHANNEL f6 =====
NUC6         1H
P6           7.50 usec
PC           1.00 dB
RG6          328
SFO6         500.1300000 MHz

===== CHANNEL f7 =====
NUC7         13
P7           13.76 usec
PC           1.00 dB
RG7          656
SFO7         500.1300000 MHz

===== CHANNEL f8 =====
NUC8         1H
P8           7.50 usec
PC           1.00 dB
RG8          328
SFO8         500.1300000 MHz

===== CHANNEL f9 =====
NUC9         13
P9           13.76 usec
PC           1.00 dB
RG9          656
SFO9         500.1300000 MHz

===== CHANNEL f10 =====
NUC10        1H
P10          7.50 usec
PC           1.00 dB
RG10         328
SFO10        500.1300000 MHz

===== CHANNEL f11 =====
NUC11        13
P11          13.76 usec
PC           1.00 dB
RG11         656
SFO11        500.1300000 MHz

===== CHANNEL f12 =====
NUC12        1H
P12          7.50 usec
PC           1.00 dB
RG12         328
SFO12        500.1300000 MHz

===== CHANNEL f13 =====
NUC13        13
P13          13.76 usec
PC           1.00 dB
RG13         656
SFO13        500.1300000 MHz

===== CHANNEL f14 =====
NUC14        1H
P14          7.50 usec
PC           1.00 dB
RG14         328
SFO14        500.1300000 MHz

===== CHANNEL f15 =====
NUC15        13
P15          13.76 usec
PC           1.00 dB
RG15         656
SFO15        500.1300000 MHz

===== CHANNEL f16 =====
NUC16        1H
P16          7.50 usec
PC           1.00 dB
RG16         328
SFO16        500.1300000 MHz

===== CHANNEL f17 =====
NUC17        13
P17          13.76 usec
PC           1.00 dB
RG17         656
SFO17        500.1300000 MHz

===== CHANNEL f18 =====
NUC18        1H
P18          7.50 usec
PC           1.00 dB
RG18         328
SFO18        500.1300000 MHz

===== CHANNEL f19 =====
NUC19        13
P19          13.76 usec
PC           1.00 dB
RG19         656
SFO19        500.1300000 MHz

===== CHANNEL f20 =====
NUC20        1H
P20          7.50 usec
PC           1.00 dB
RG20         328
SFO20        500.1300000 MHz

===== CHANNEL f21 =====
NUC21        13
P21          13.76 usec
PC           1.00 dB
RG21         656
SFO21        500.1300000 MHz

===== CHANNEL f22 =====
NUC22        1H
P22          7.50 usec
PC           1.00 dB
RG22         328
SFO22        500.1300000 MHz

===== CHANNEL f23 =====
NUC23        13
P23          13.76 usec
PC           1.00 dB
RG23         656
SFO23        500.1300000 MHz

===== CHANNEL f24 =====
NUC24        1H
P24          7.50 usec
PC           1.00 dB
RG24         328
SFO24        500.1300000 MHz

===== CHANNEL f25 =====
NUC25        13
P25          13.76 usec
PC           1.00 dB
RG25         656
SFO25        500.1300000 MHz

===== CHANNEL f26 =====
NUC26        1H
P26          7.50 usec
PC           1.00 dB
RG26         328
SFO26        500.1300000 MHz

===== CHANNEL f27 =====
NUC27        13
P27          13.76 usec
PC           1.00 dB
RG27         656
SFO27        500.1300000 MHz

===== CHANNEL f28 =====
NUC28        1H
P28          7.50 usec
PC           1.00 dB
RG28         328
SFO28        500.1300000 MHz

===== CHANNEL f29 =====
NUC29        13
P29          13.76 usec
PC           1.00 dB
RG29         656
SFO29        500.1300000 MHz

===== CHANNEL f30 =====
NUC30        1H
P30          7.50 usec
PC           1.00 dB
RG30         328
SFO30        500.1300000 MHz

===== CHANNEL f31 =====
NUC31        13
P31          13.76 usec
PC           1.00 dB
RG31         656
SFO31        500.1300000 MHz

===== CHANNEL f32 =====
NUC32        1H
P32          7.50 usec
PC           1.00 dB
RG32         328
SFO32        500.1300000 MHz

===== CHANNEL f33 =====
NUC33        13
P33          13.76 usec
PC           1.00 dB
RG33         656
SFO33        500.1300000 MHz

===== CHANNEL f34 =====
NUC34        1H
P34          7.50 usec
PC           1.00 dB
RG34         328
SFO34        500.1300000 MHz

===== CHANNEL f35 =====
NUC35        13
P35          13.76 usec
PC           1.00 dB
RG35         656
SFO35        500.1300000 MHz

===== CHANNEL f36 =====
NUC36        1H
P36          7.50 usec
PC           1.00 dB
RG36         328
SFO36        500.1300000 MHz

===== CHANNEL f37 =====
NUC37        13
P37          13.76 usec
PC           1.00 dB
RG37         656
SFO37        500.1300000 MHz

===== CHANNEL f38 =====
NUC38        1H
P38          7.50 usec
PC           1.00 dB
RG38         328
SFO38        500.1300000 MHz

===== CHANNEL f39 =====
NUC39        13
P39          13.76 usec
PC           1.00 dB
RG39         656
SFO39        500.1300000 MHz

===== CHANNEL f40 =====
NUC40        1H
P40          7.50 usec
PC           1.00 dB
RG40         328
SFO40        500.1300000 MHz

===== CHANNEL f41 =====
NUC41        13
P41          13.76 usec
PC           1.00 dB
RG41         656
SFO41        500.1300000 MHz

===== CHANNEL f42 =====
NUC42        1H
P42          7.50 usec
PC           1.00 dB
RG42         328
SFO42        500.1300000 MHz

===== CHANNEL f43 =====
NUC43        13
P43          13.76 usec
PC           1.00 dB
RG43         656
SFO43        500.1300000 MHz

===== CHANNEL f44 =====
NUC44        1H
P44          7.50 usec
PC           1.00 dB
RG44         328
SFO44        500.1300000 MHz

===== CHANNEL f45 =====
NUC45        13
P45          13.76 usec
PC           1.00 dB
RG45         656
SFO45        500.1300000 MHz

===== CHANNEL f46 =====
NUC46        1H
P46          7.50 usec
PC           1.00 dB
RG46         328
SFO46        500.1300000 MHz

===== CHANNEL f47 =====
NUC47        13
P47          13.76 usec
PC           1.00 dB
RG47         656
SFO47        500.1300000 MHz

===== CHANNEL f48 =====
NUC48        1H
P48          7.50 usec
PC           1.00 dB
RG48         328
SFO48        500.1300000 MHz

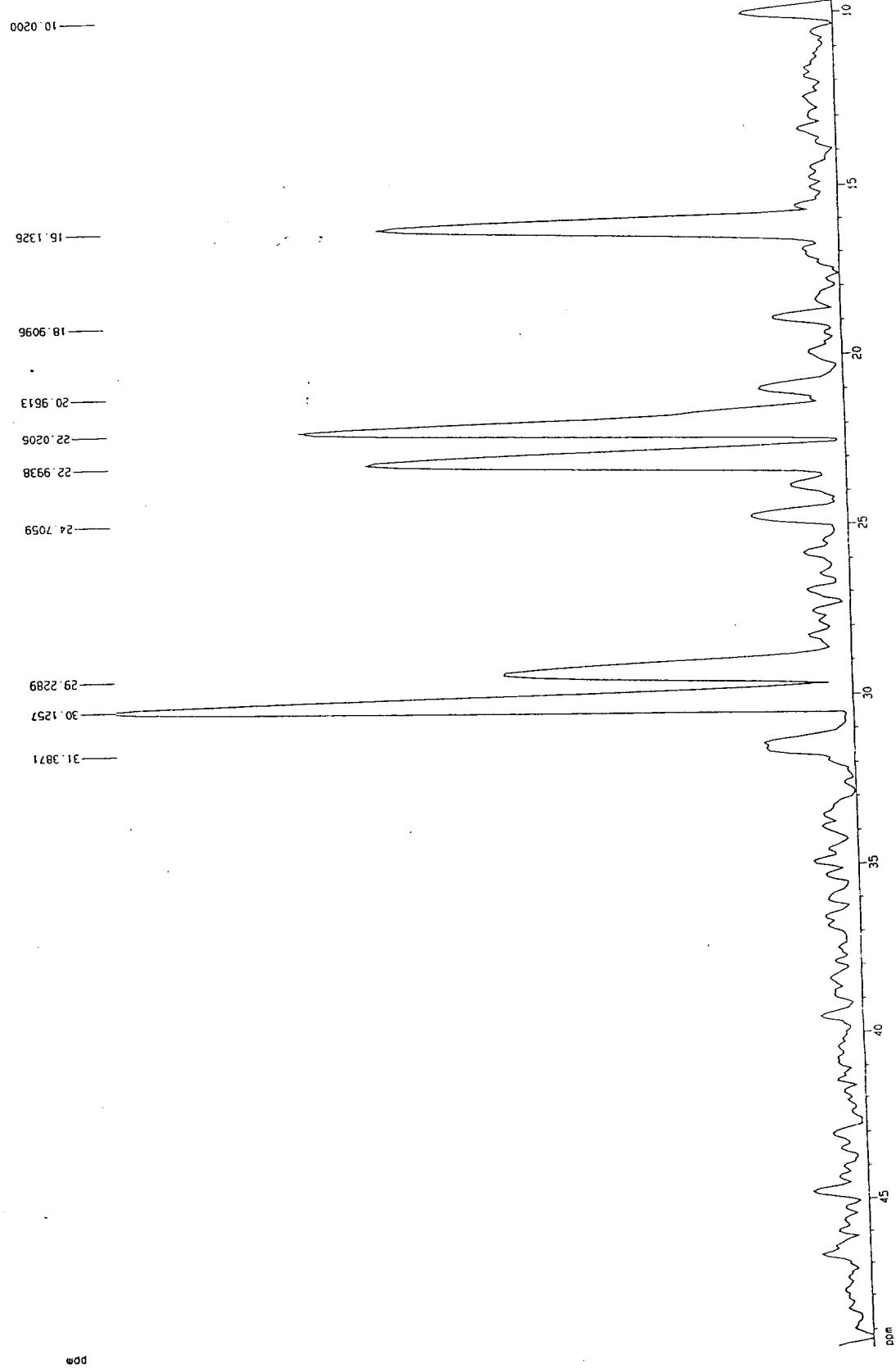
===== CHANNEL f49 =====
NUC49        13
P49          13.76 usec
PC           1.00 dB
RG49         656
SFO49        500.1300000 MHz

===== CHANNEL f50 =====
NUC50        1H
P50          7.50 usec
PC           1.00 dB
RG50         328
SFO50        500.1300000 MHz
    
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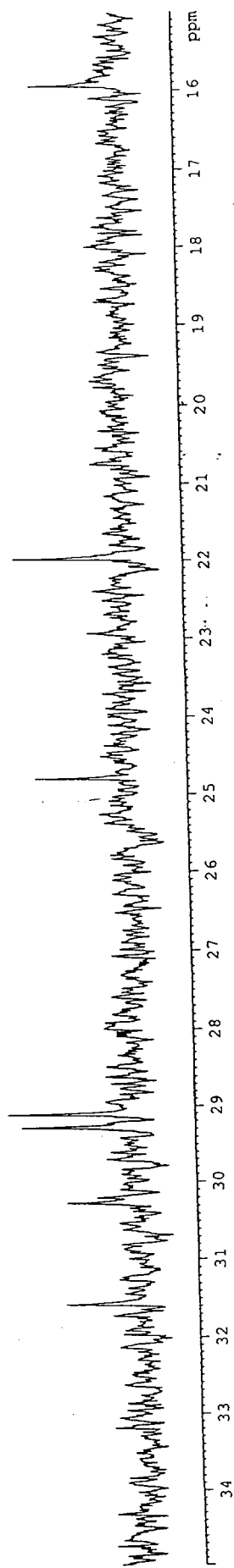
Synthetic Sclerophytin A, HMQC, CDCI3, 500 MHz

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Current Data Parameters
NAME          -TEMP
EXPNO        1
PROCNO       1
F2 - Acquisition Parameters
Date_        2001026
Time         13.27
INSTRUM      134
PROBHD       16
PULPROG      6
SOLVENT      DMSO
NS           5020.181 Hz
DS           37.53866 Hz
FIDRES       0.0146676 Hz
AQ           99.400 usec
RG           45.00 usec
TE           300.0 K
DE           0.0000000 sec
D0           0.0000000 sec
D1           0.0000000 sec
D2           0.0000000 sec
D4           0.0000000 sec
D11          0.0000000 sec
D13          0.0000000 sec
D16          0.0000000 sec
d20          0.0000000 sec
d21          5000000.0000000 sec
TM0          0.00004970 sec
***** CHANNEL f1 *****
NUC1         13C
P1           0.00 usec
PC           0.00 usec
PL1         120.00 dB
SF01        125.7615117 MHz
***** CHANNEL f2 *****
NUC2         1H
P2           0.00 usec
PC2          0.00 usec
PL2         120.00 dB
SF02        500.1364500 MHz
***** GRADIENT CHANNEL *****
P16          0.00 usec
F2 - Processing parameters
SI           512
SF           125.757920 MHz
WDW          USINE
SSB          0.00 Hz
LB           0.00 Hz
GB           0
PC           1.00
ID NAME plot parameters
CX           34.00 cm
F1P         49.578 ppm
F2P         6234.82 Hz
F3P         9.573 ppm
F4P         1204.64 Hz
PRGCM       1.17644 ppm/cm
MAGCM       147.94550 Hz/cm
    
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**Synthetic Sclerophytin A C13 500MHz**



**Synthetic Sclerophytin A HMQC 500MHz**

