

Supporting Information

Briacavatolides A–C, New Briaranes from the Taiwanese Octocoral *Briareum excavatum*

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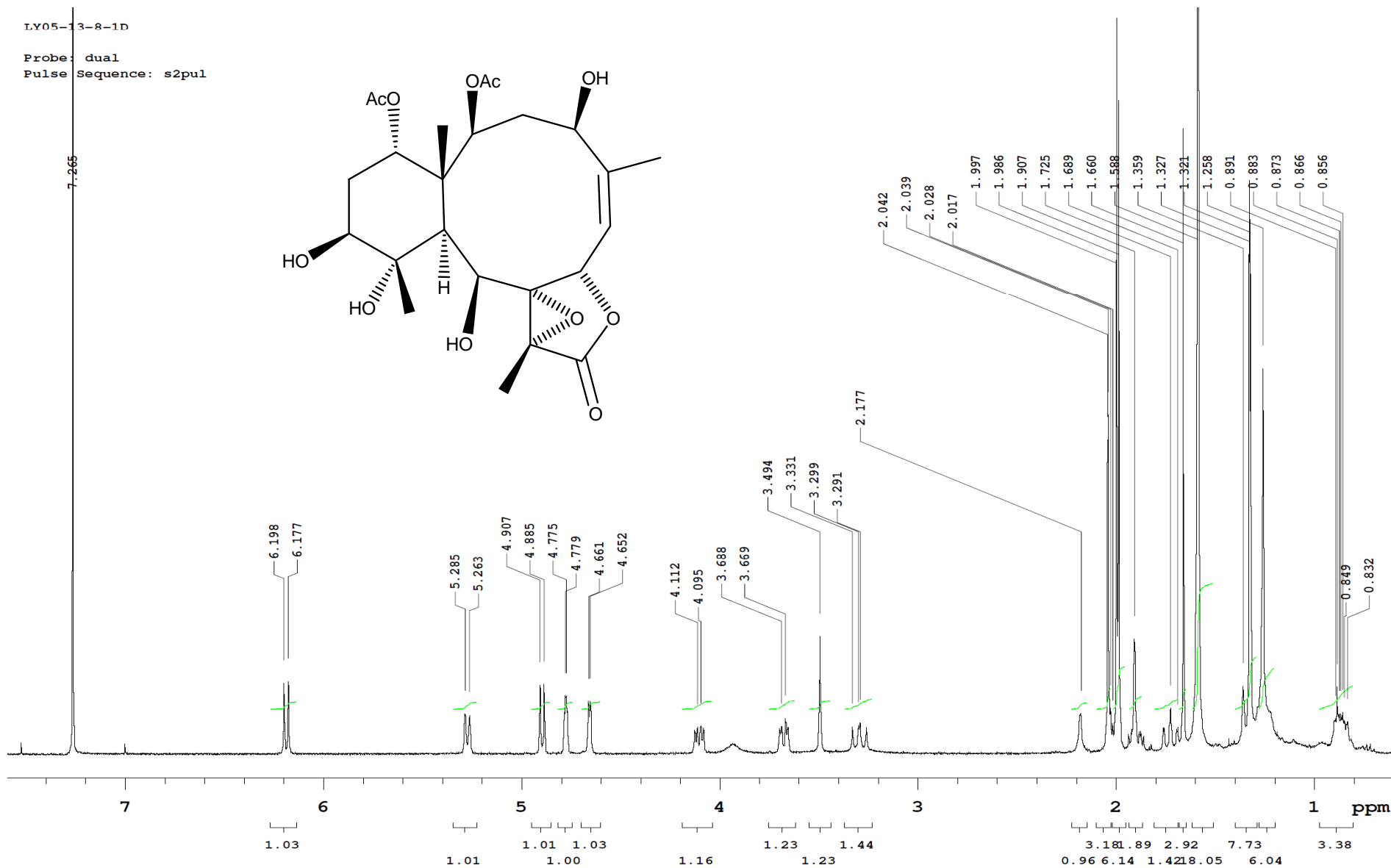
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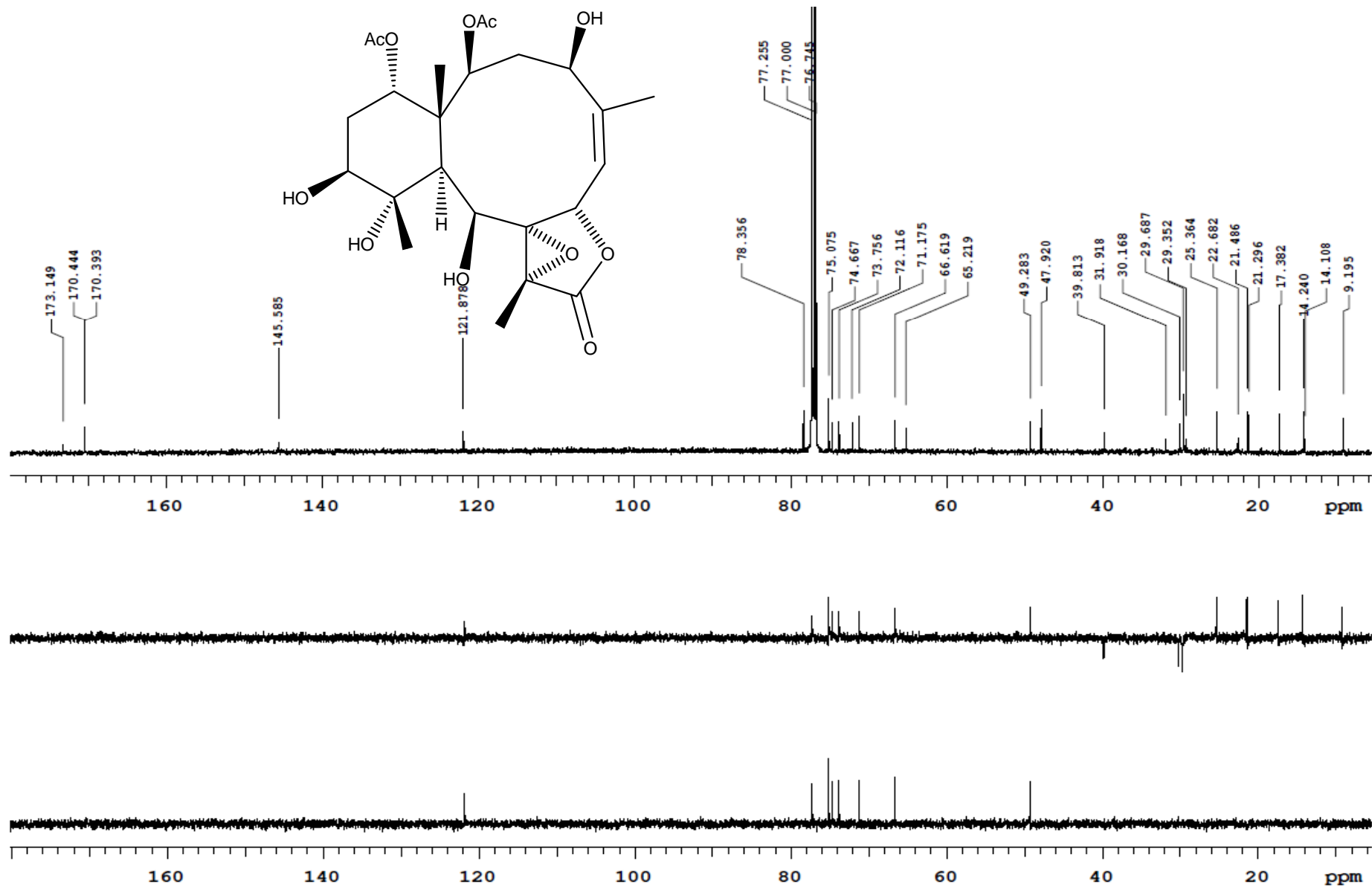
Table of Contents	2
S1. ¹ H NMR spectrum (400 MHz) of Briacavatolide A (1) in CDCl ₃ .	3
S2. ¹³ C NMR spectrum (100 MHz) of Briacavatolide A (1) in CDCl ₃ .	4
S3. COSY spectrum (400 MHz) of Briacavatolide A (1) in CDCl ₃ .	5
S4. HSQC spectrum (400 MHz) of Briacavatolide A (1) in CDCl ₃ .	6
S5. HMBC spectrum (400 MHz) of Briacavatolide A (1) in CDCl ₃ .	7
S6. NOESY spectrum (400 MHz) of Briacavatolide A (1) in CDCl ₃ .	8
S7. ¹ H NMR spectrum (400 MHz) of Briacavatolide B (2) in CDCl ₃ .	9
S8. ¹³ C NMR spectrum (100 MHz) of Briacavatolide B (2) in CDCl ₃ .	10
S9. COSY spectrum (400 MHz) of Briacavatolide B (2) in CDCl ₃ .	11
S10. HSQC spectrum (400 MHz) of Briacavatolide B (2) in CDCl ₃ .	12
S11. HMBC spectrum (400 MHz) of Briacavatolide B (2) in CDCl ₃ .	13
S12. NOESY spectrum (100 MHz) of Briacavatolide B (2) in CDCl ₃ .	14
S13. ¹ H NMR spectrum (400 MHz) of Briacavatolide C (3) in CDCl ₃ .	15
S14. ¹³ C NMR spectrum (100 MHz) of Briacavatolide C (3) in CDCl ₃ .	16
S15. COSY spectrum (400 MHz) of Briacavatolide C (3) in CDCl ₃ .	17
S16. HSQC spectrum (400 MHz) of Briacavatolide C (3) in CDCl ₃ .	18
S17. HMBC spectrum (400 MHz) of Briacavatolide C (3) in CDCl ₃ .	19
S18. NOESY spectrum (400 MHz) of Briacavatolide C (3) in CDCl ₃ .	20

S1. ¹H NMR spectrum (400 MHz) of Braicavatolide A (1) in CDCl₃.



Plotname: --Not assigned--

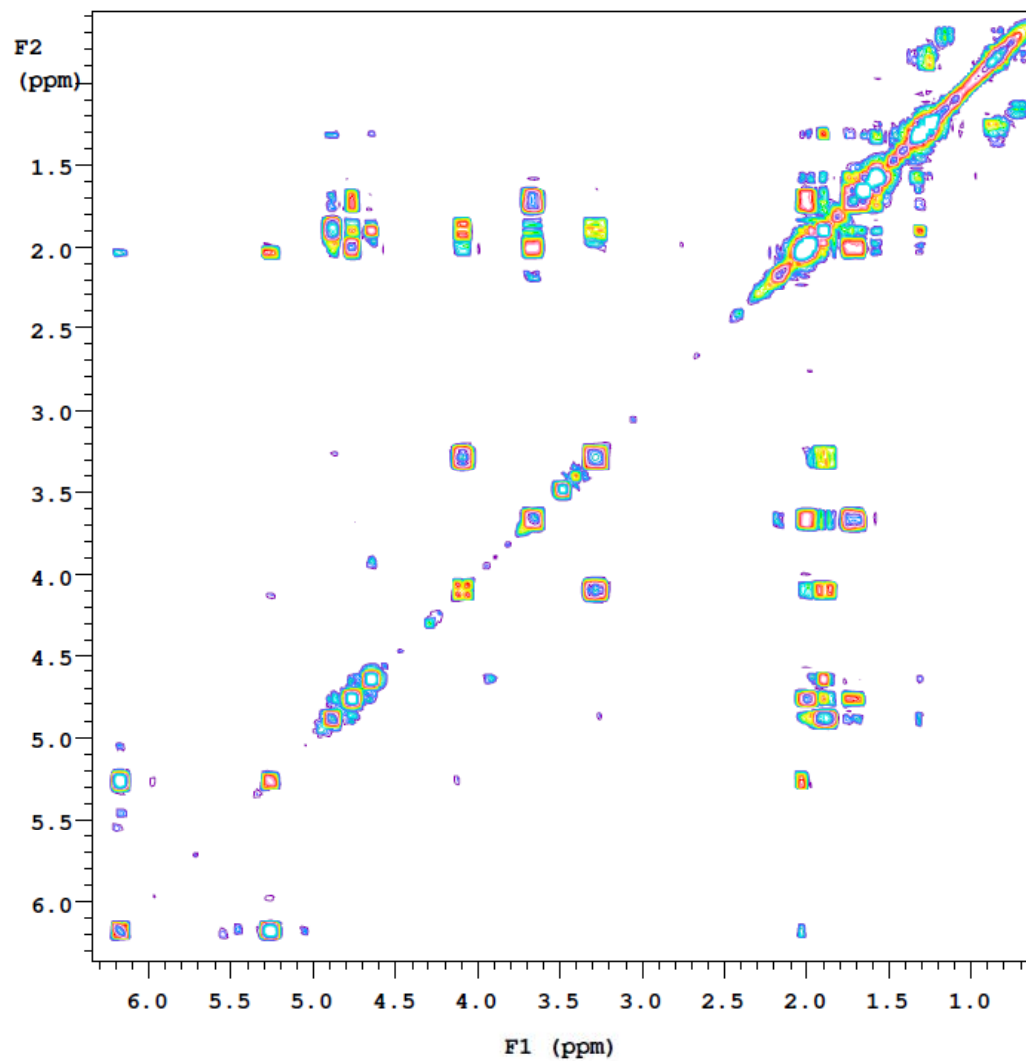
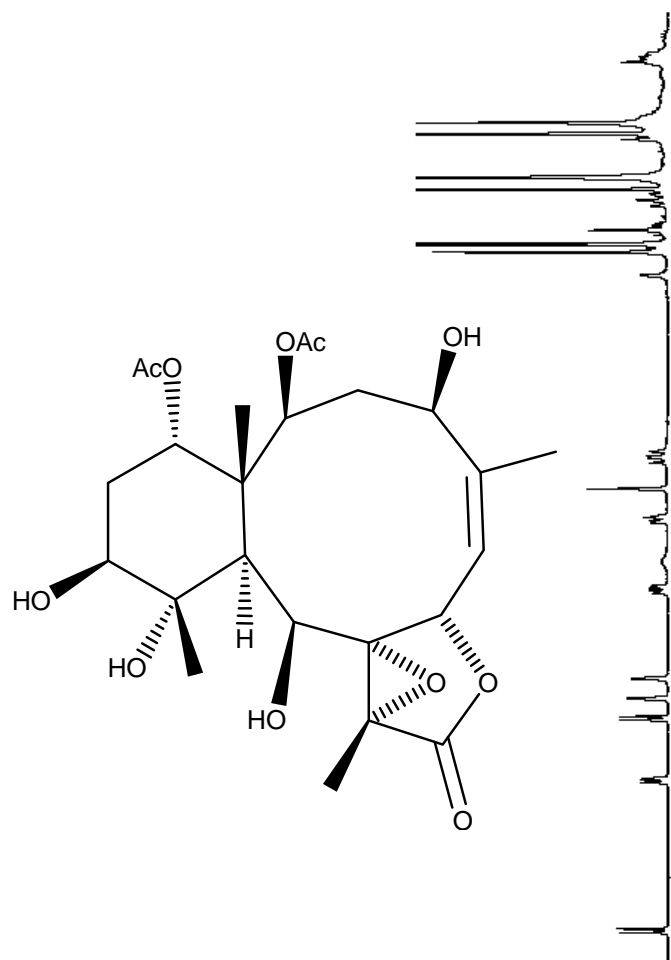
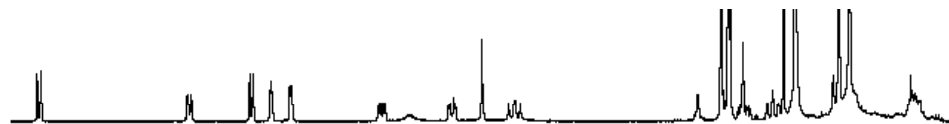
S2. ^{13}C NMR spectrum (100 MHz) of Briacavatolide A (1) in CDCl_3 .



S3. COSY spectrum (400 MHz) of Briacavatolide A (1) in CDCl₃.

LY05-13-8-1D

Probe: dual
Pulse Sequence: gCOSY



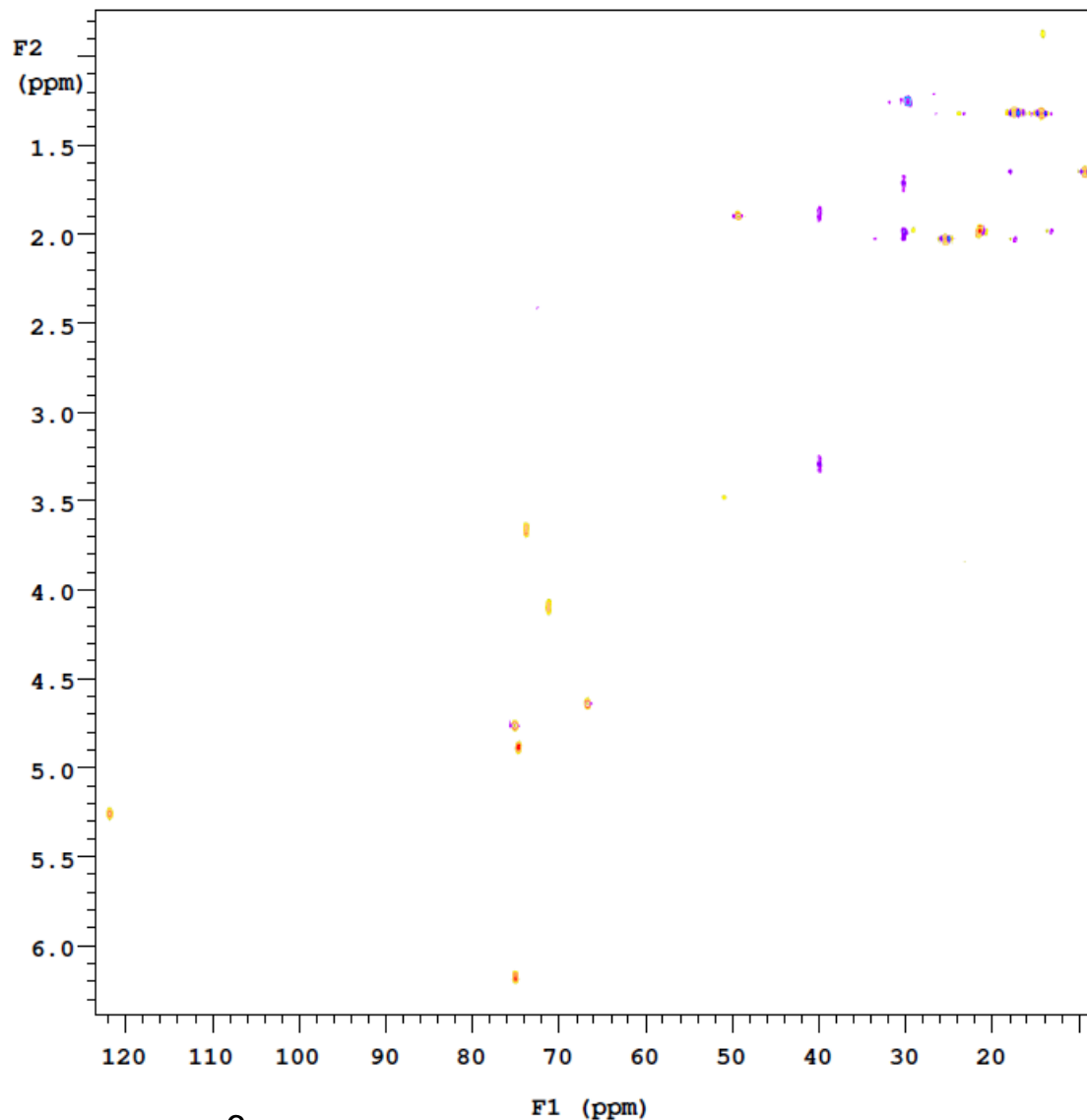
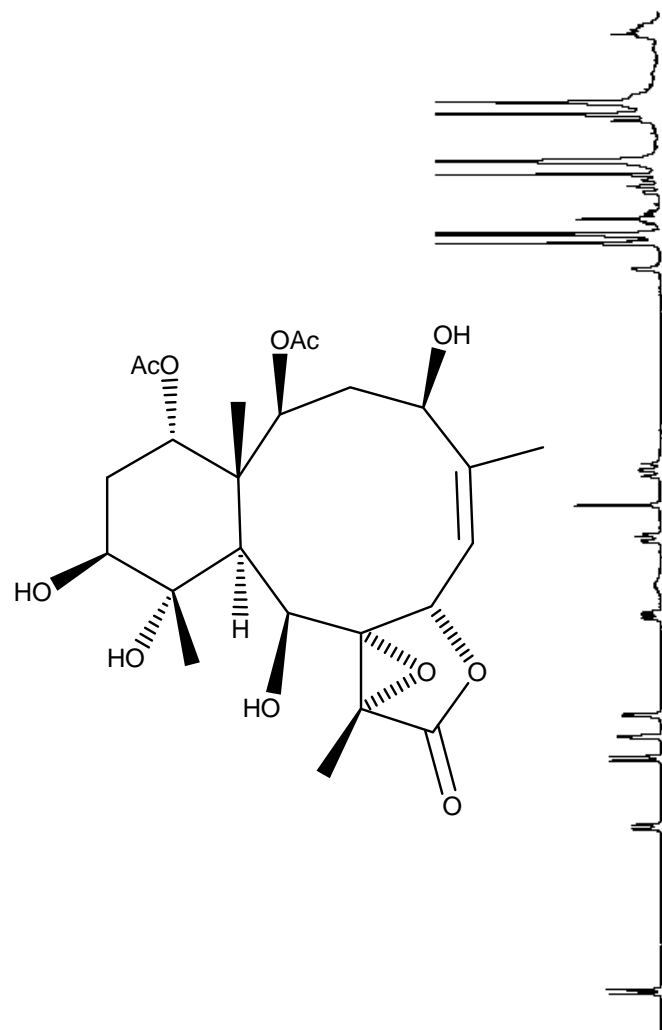
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S4. HSQC spectrum (400 MHz) of Briacavatolide A (1) in CDCl₃.

LY05-13-8-1D

Probe: dual

Pulse Sequence: gHSQCAD



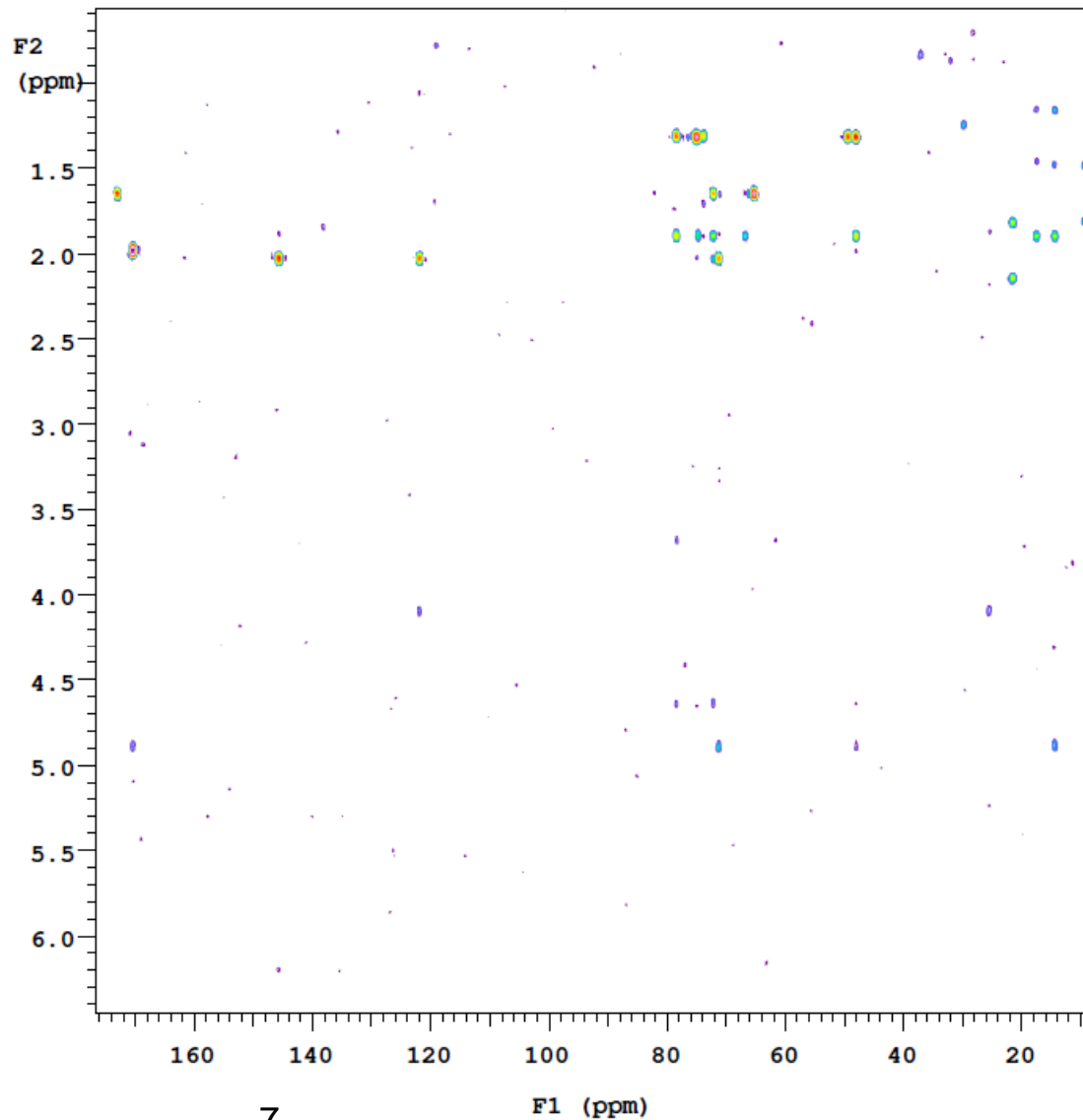
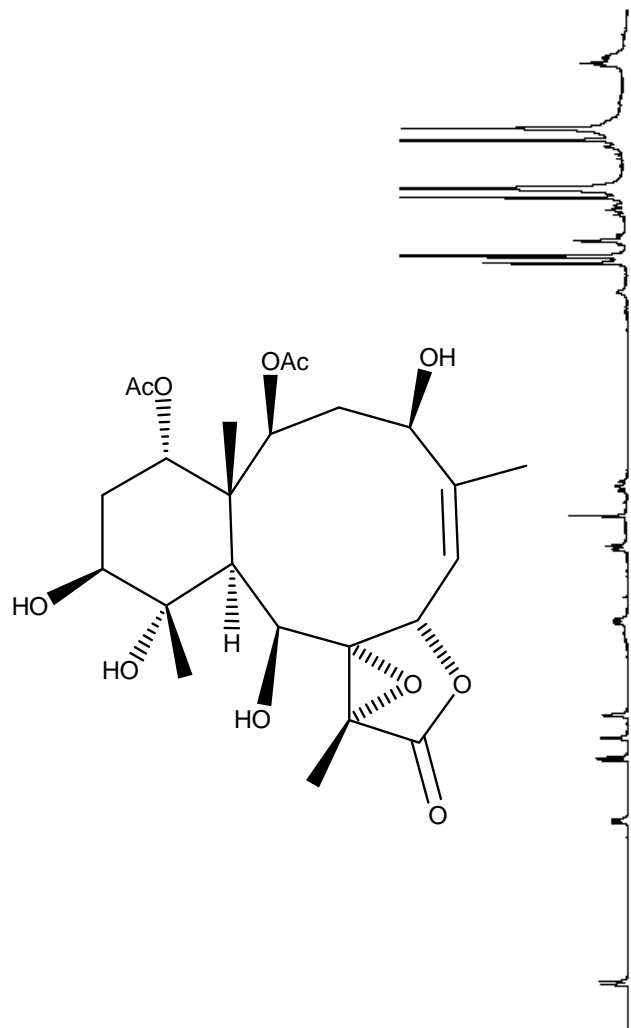
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S5. HMBC spectrum (400 MHz) of Briacavatolide A (1) in CDCl₃.

LY05-13-8-1D

Probe: dual

Pulse Sequence: gHMBCAD



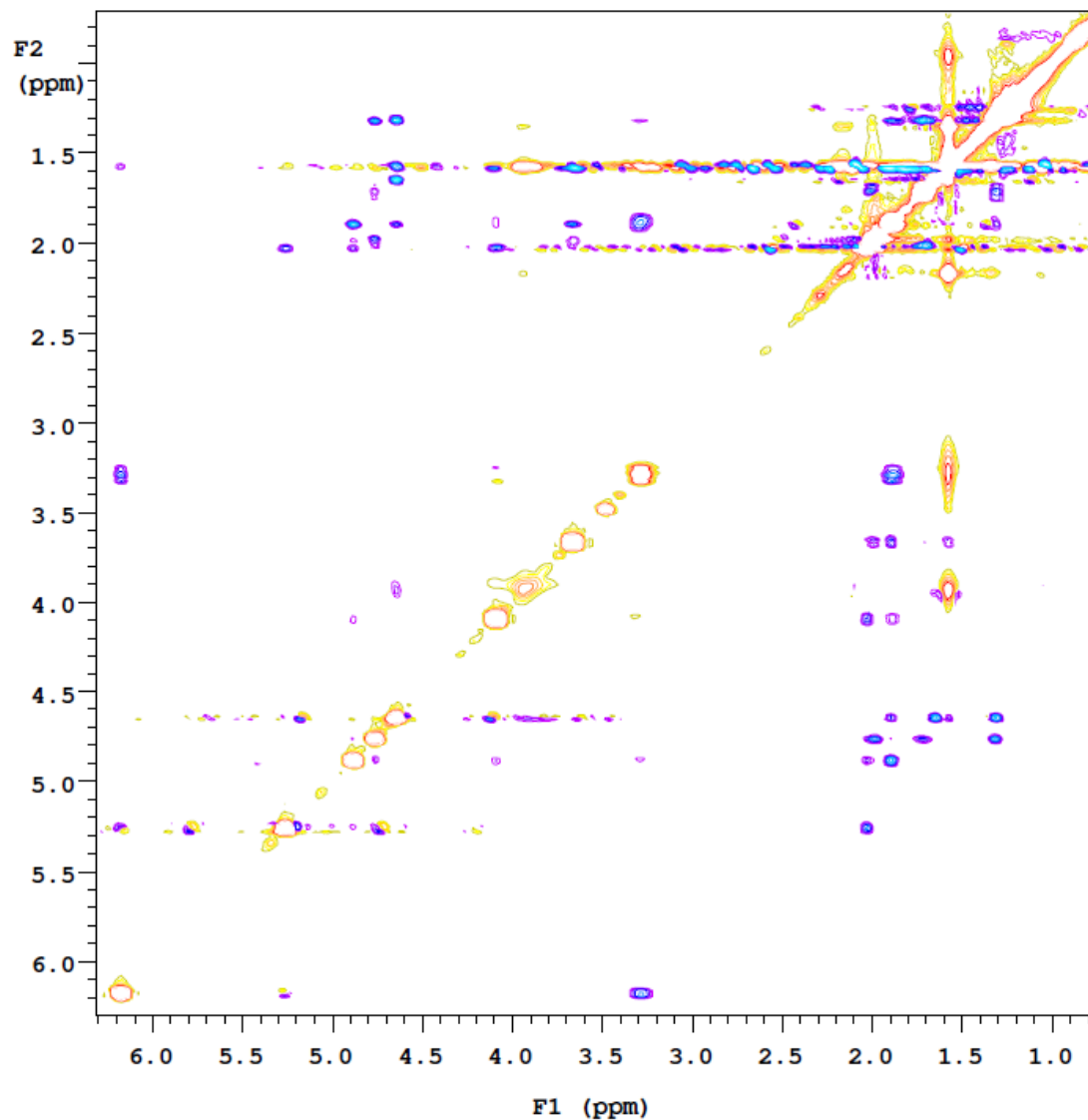
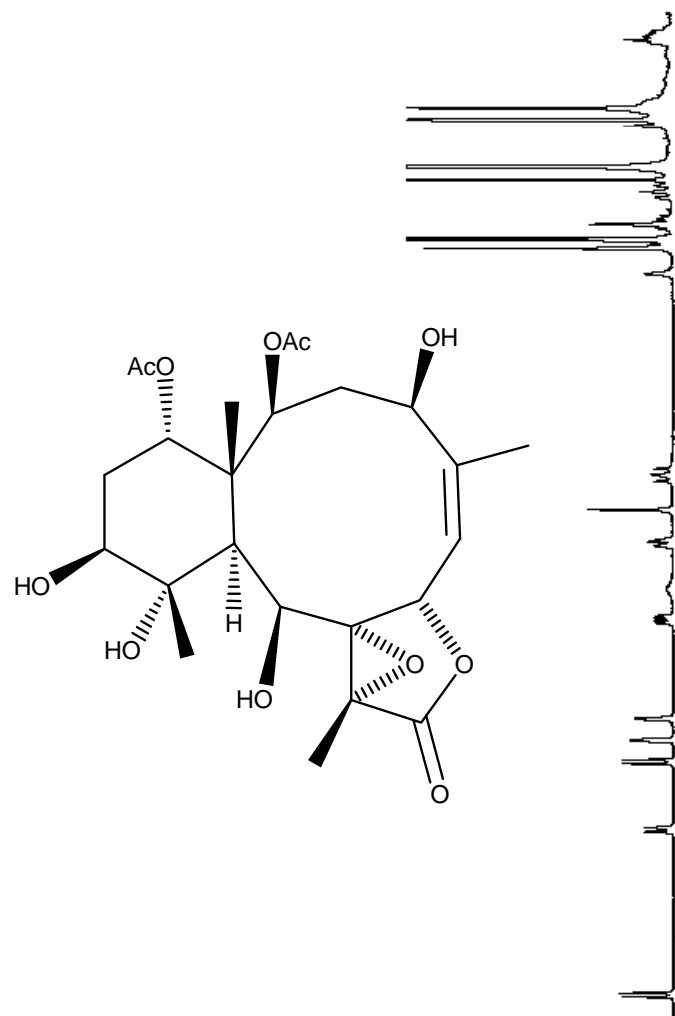
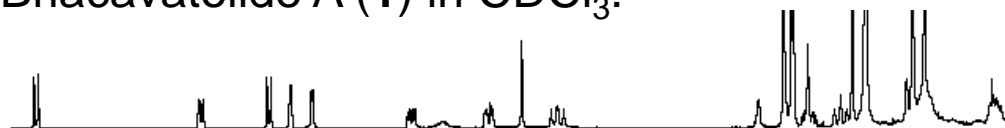
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S6. NOESY spectrum (400 MHz) of Briacavatolide A (1) in CDCl₃.

LY05-13-8-1D

Probe: dual

Pulse Sequence: NOESY



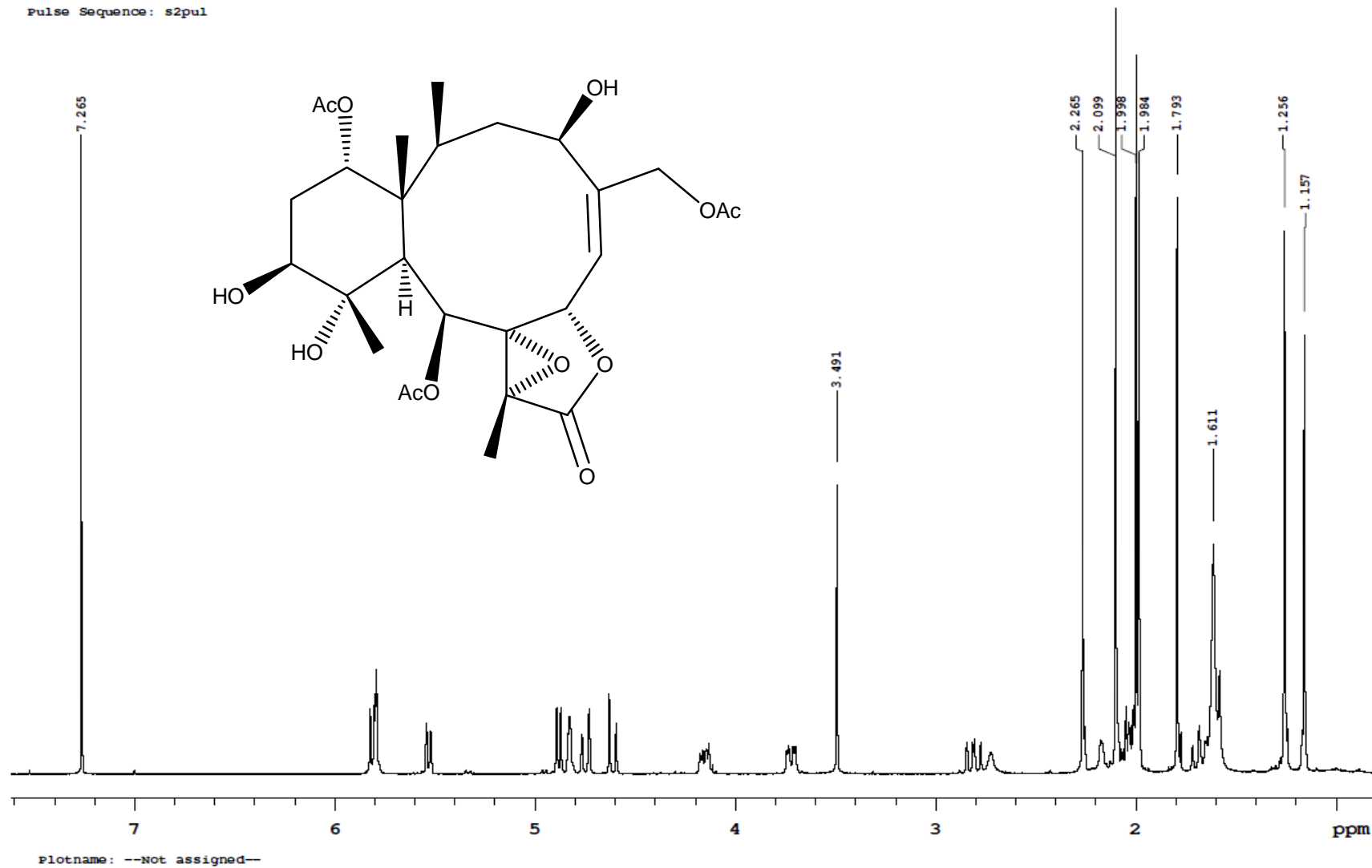
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S7. ¹H NMR spectrum (400 MHz) of Briacavatolide B (2) in CDCl₃.

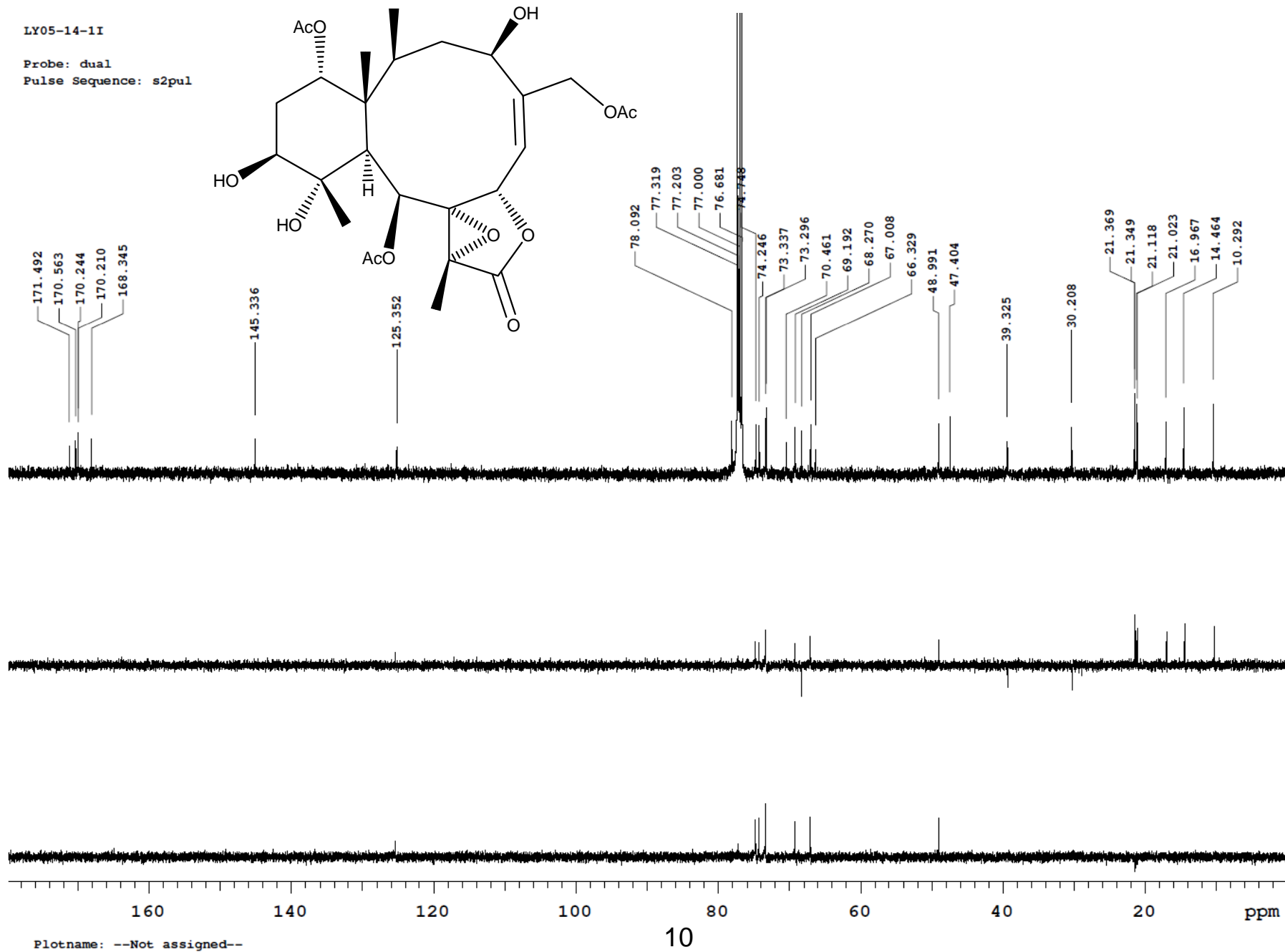
LY05-14-11

Probe: dual

Pulse Sequence: s2pul



S8. ^{13}C NMR spectrum (100 MHz) of Briacavatolide B (2) in CDCl_3 .

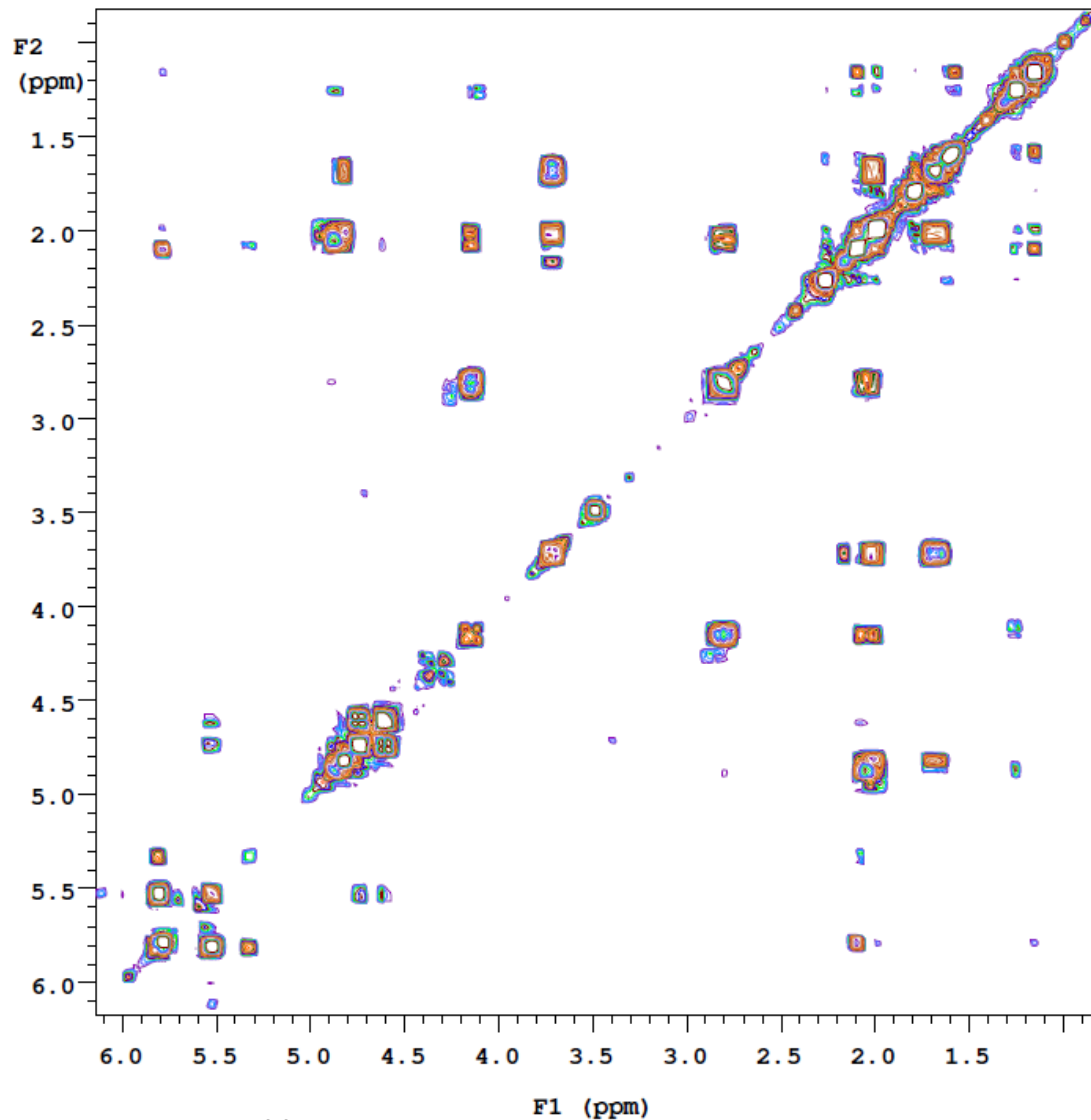
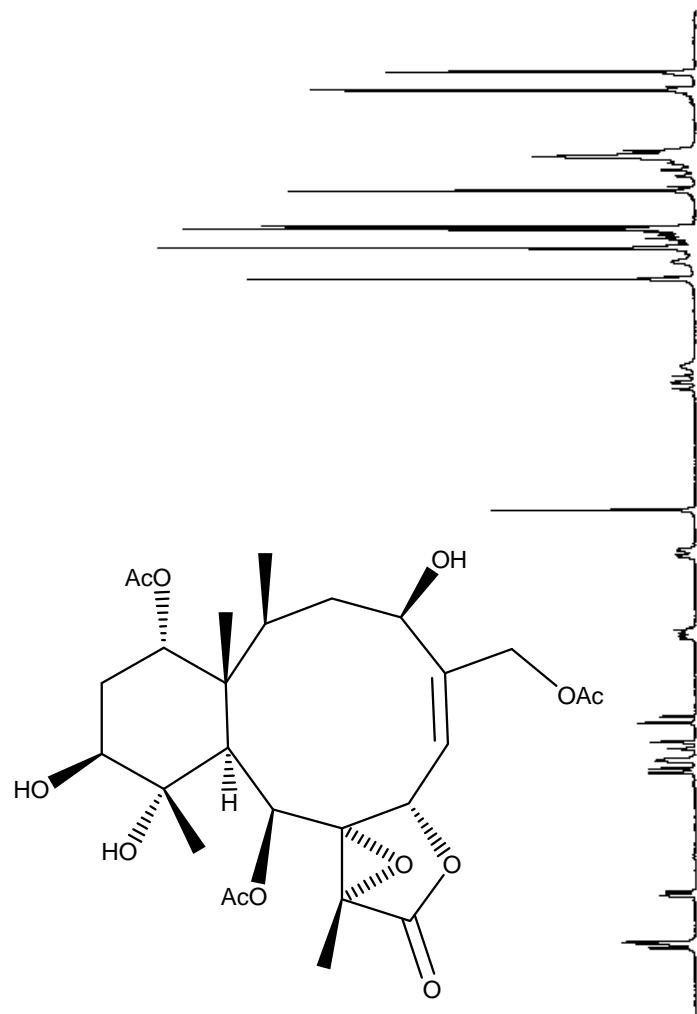
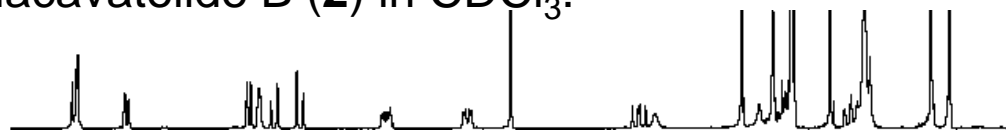


S9. COSY spectrum (400 MHz) of Briacavatolide B (2) in CDCl₃.

LY05-14-11

Probe: dual

Pulse Sequence: gCOSY



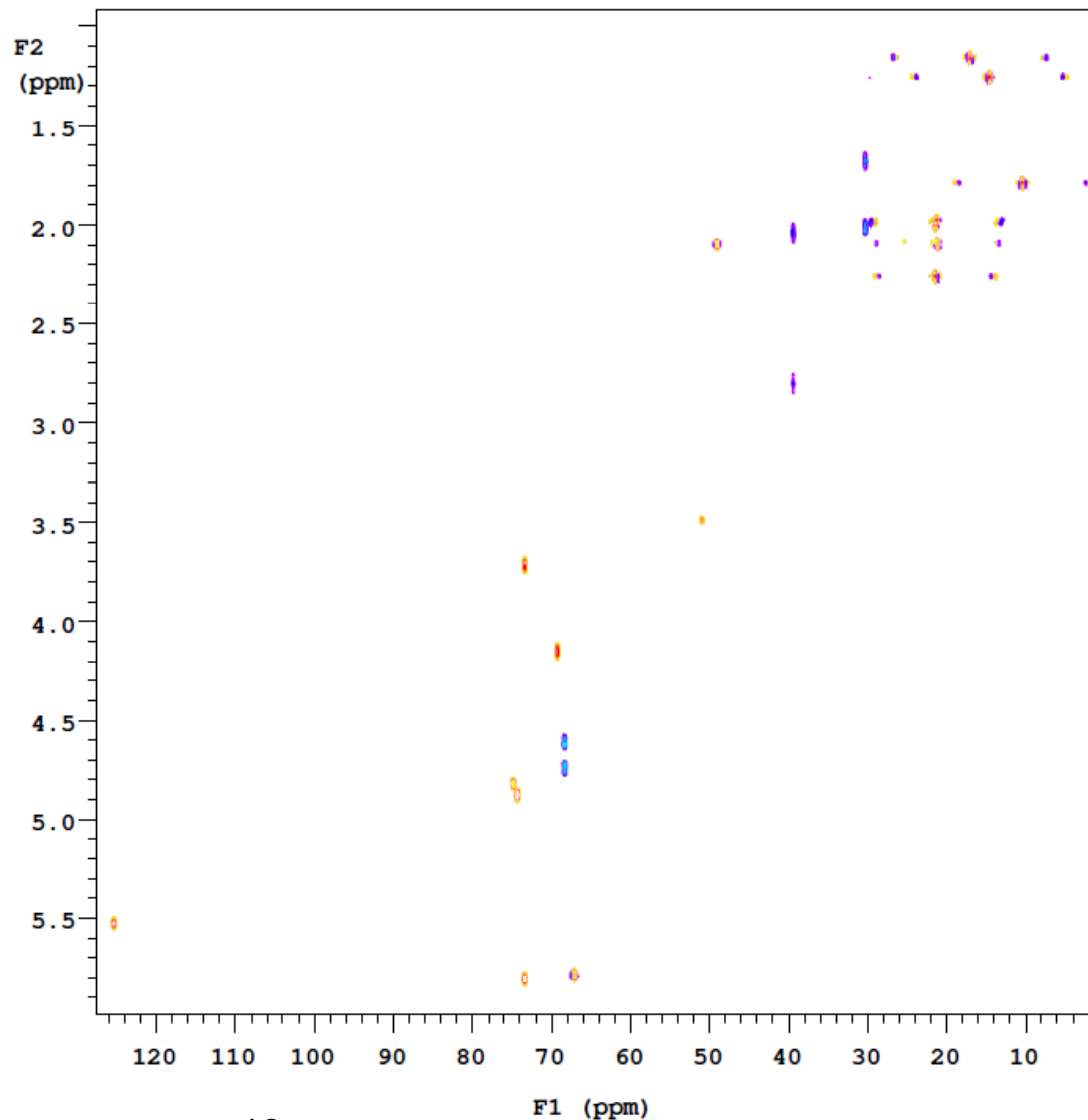
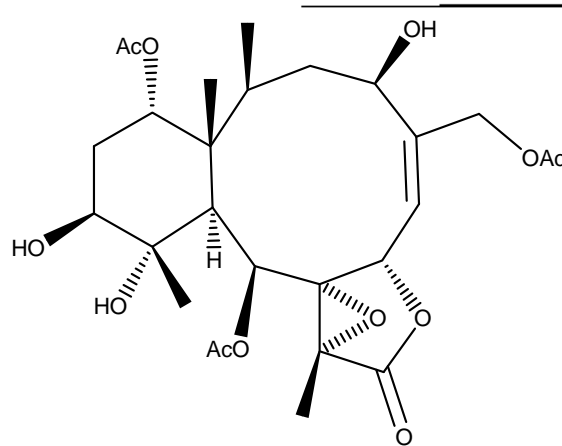
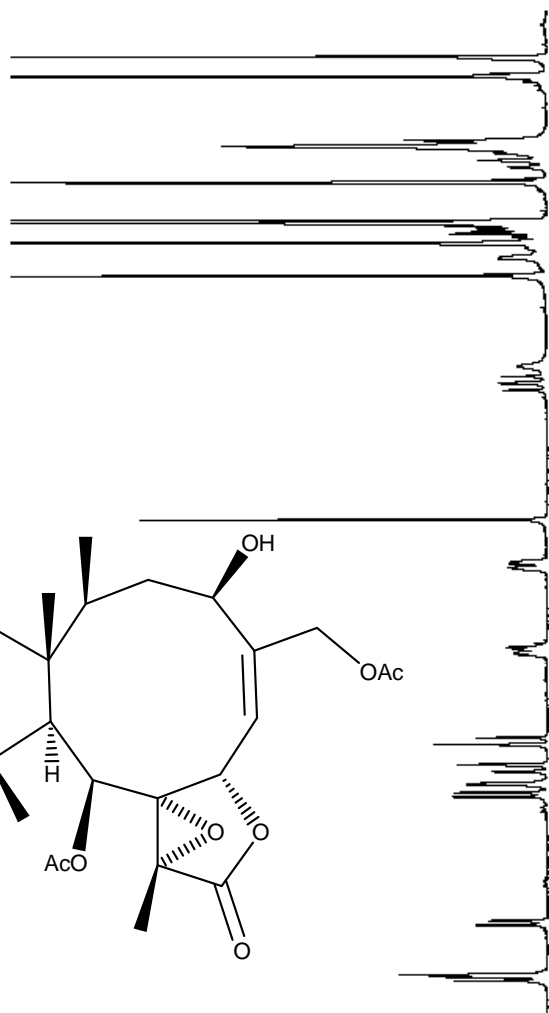
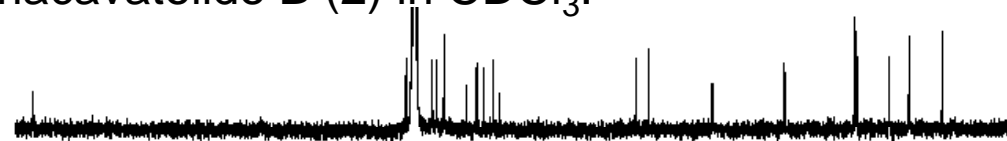
Plotname: --not assigned--

S10. HSQC spectrum (400 MHz) of Briacavatolide B (2) in CDCl₃.

LY05-14-11

Probe: dual

Pulse Sequence: gHSQCad



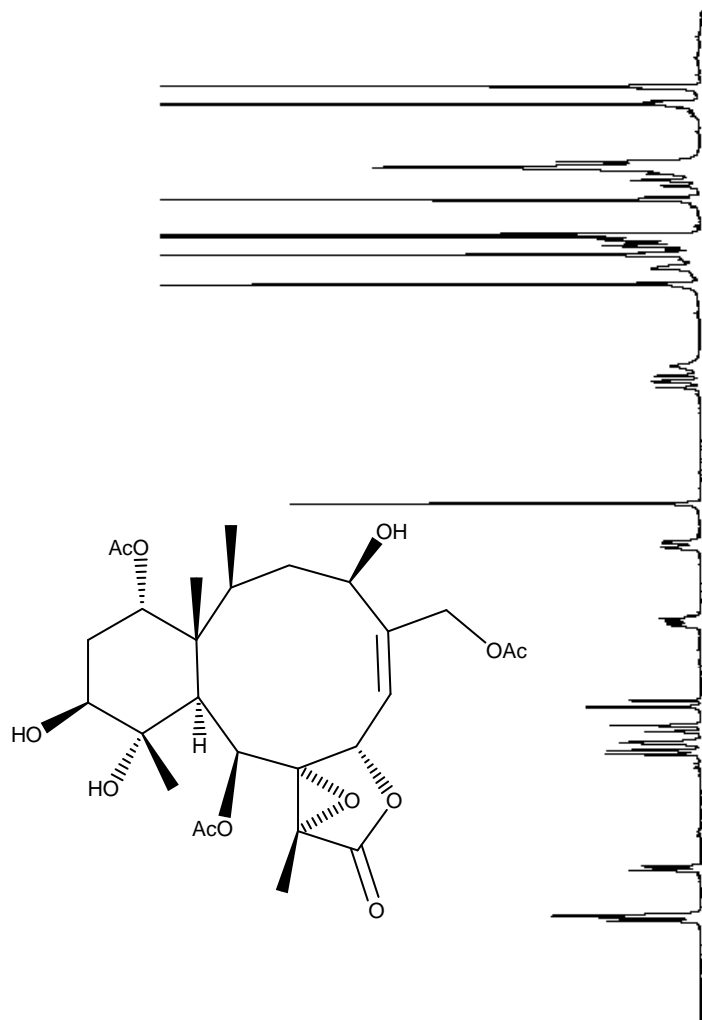
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S11. HMBC spectrum (400 MHz) of Briacavatolide B (2) in CDCl₃.

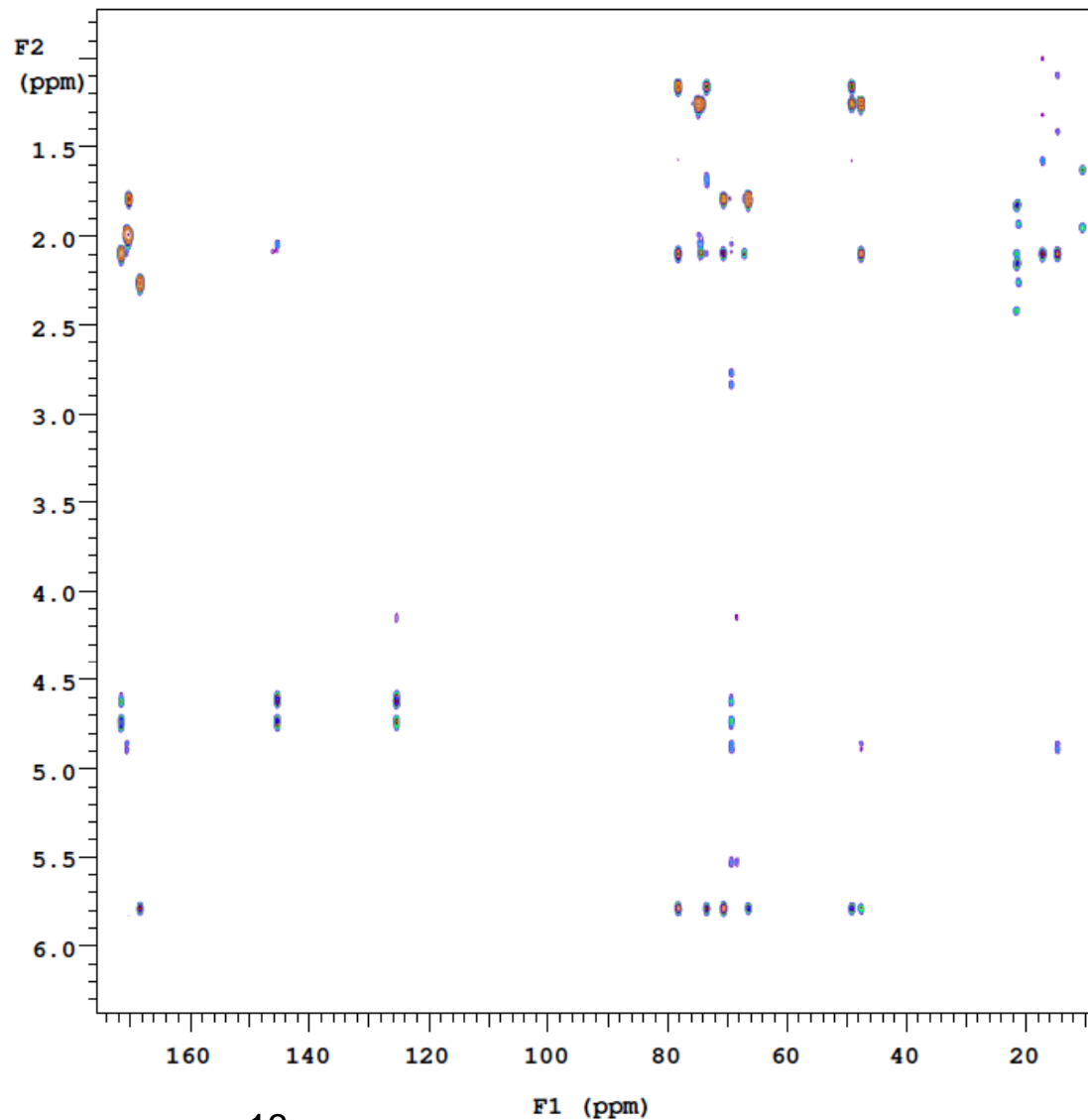
LY05-14-11

Probe: dual

Pulse Sequence: gHMBCAD



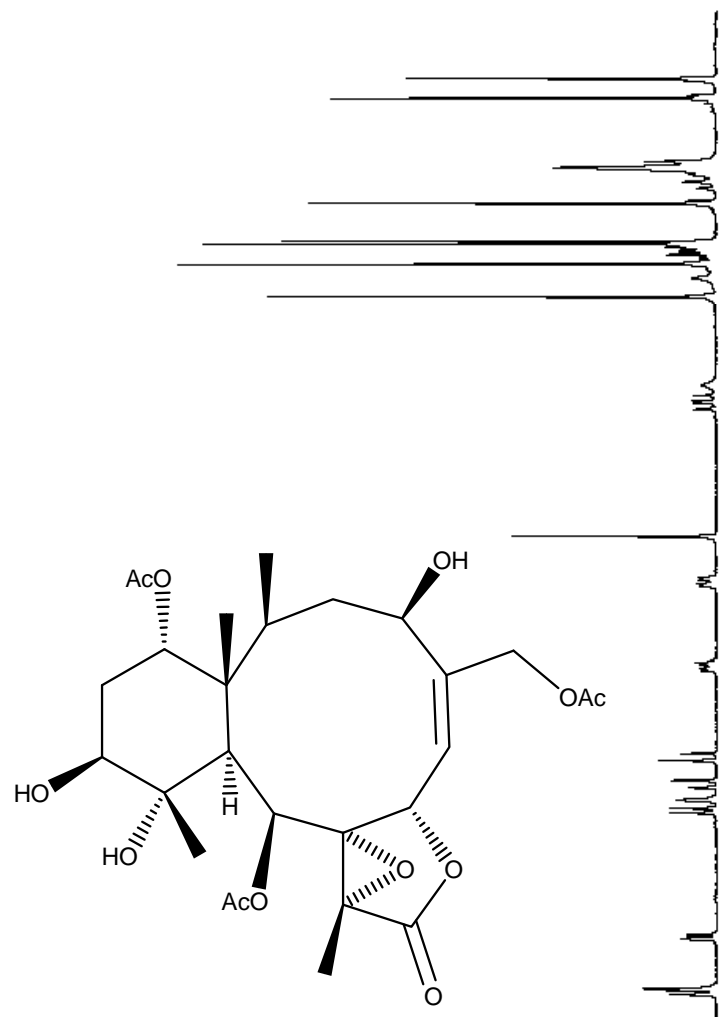
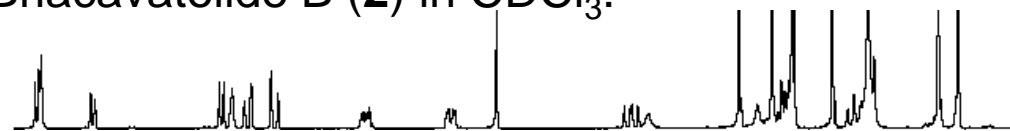
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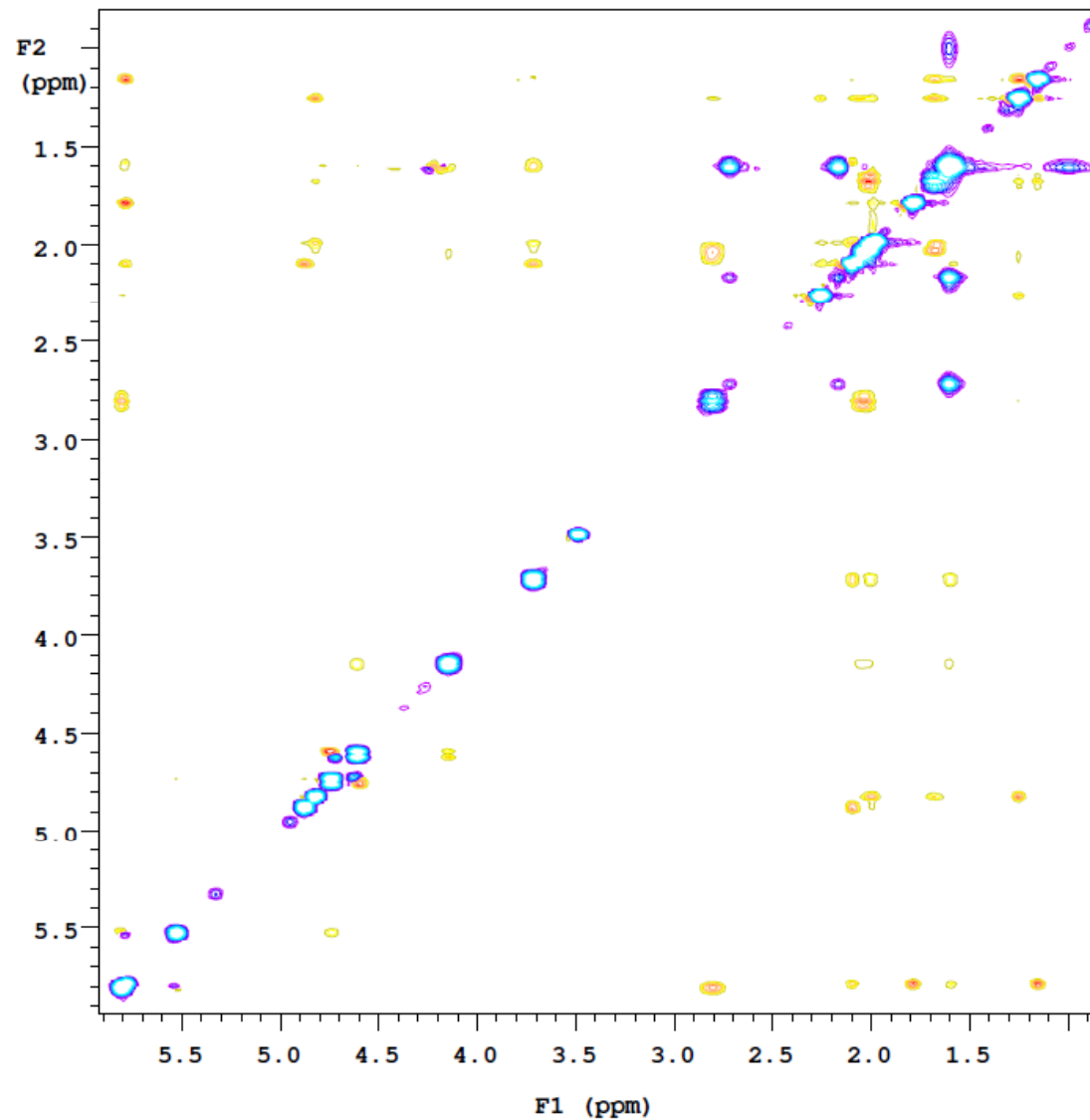
S12. NOESY spectrum (400 MHz) of Briacavatolide B (2) in CDCl₃.

LY05-14-11

Probe: dual
Pulse Sequence: NOESY



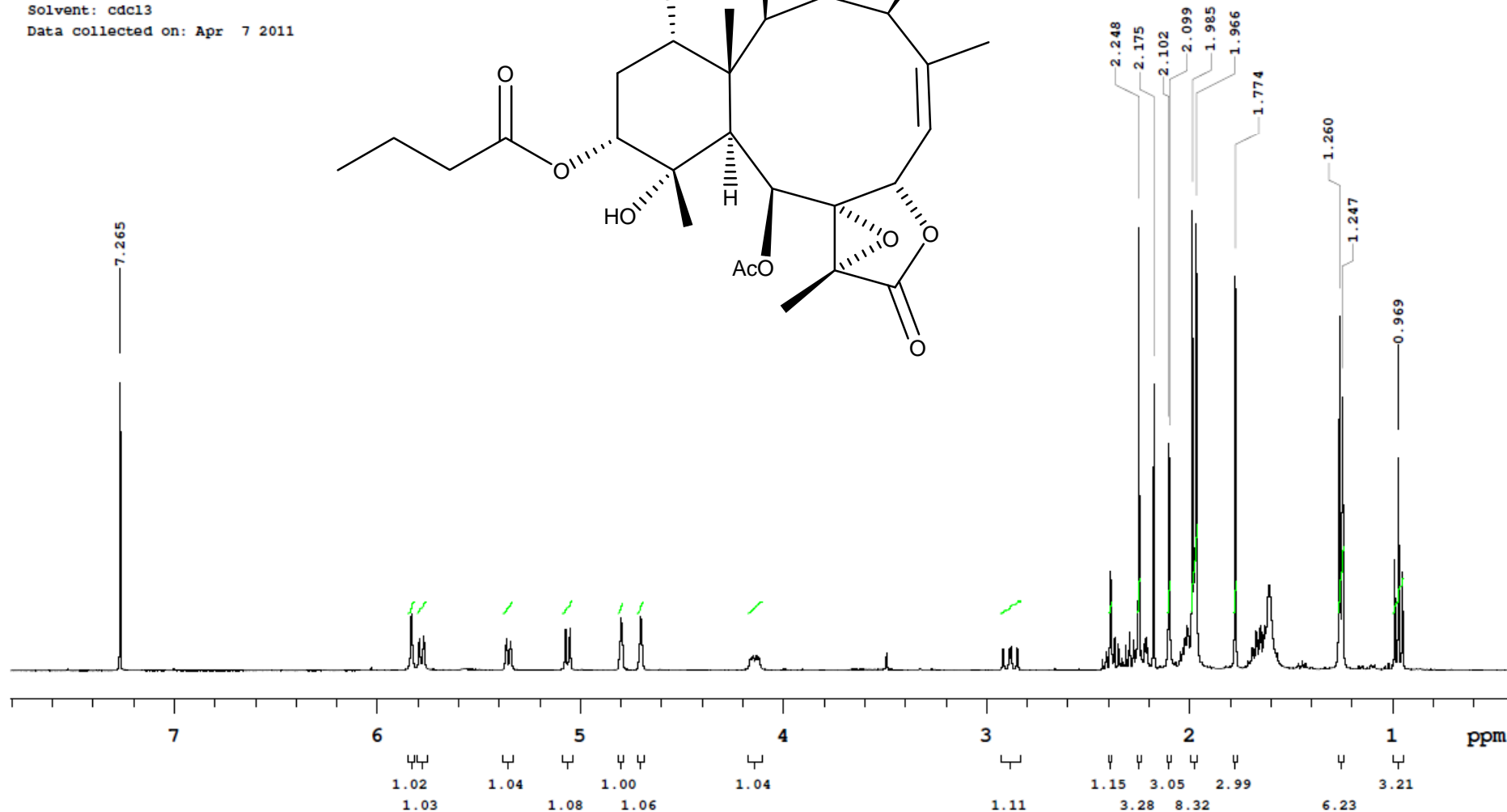
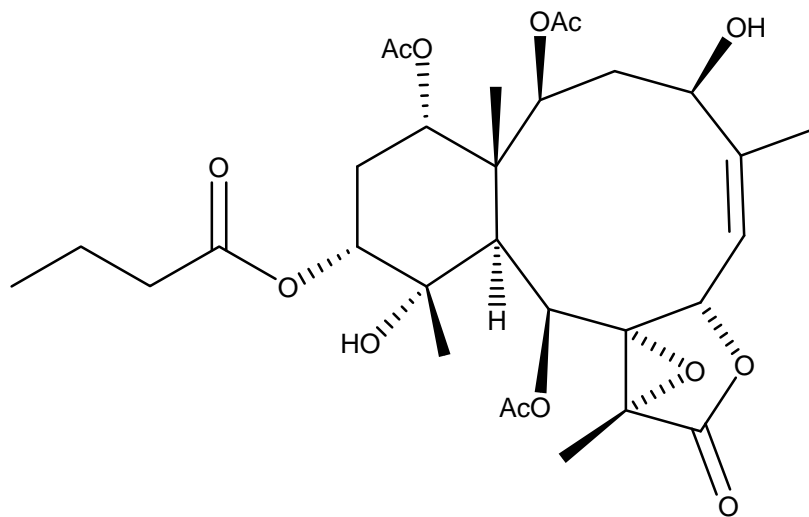
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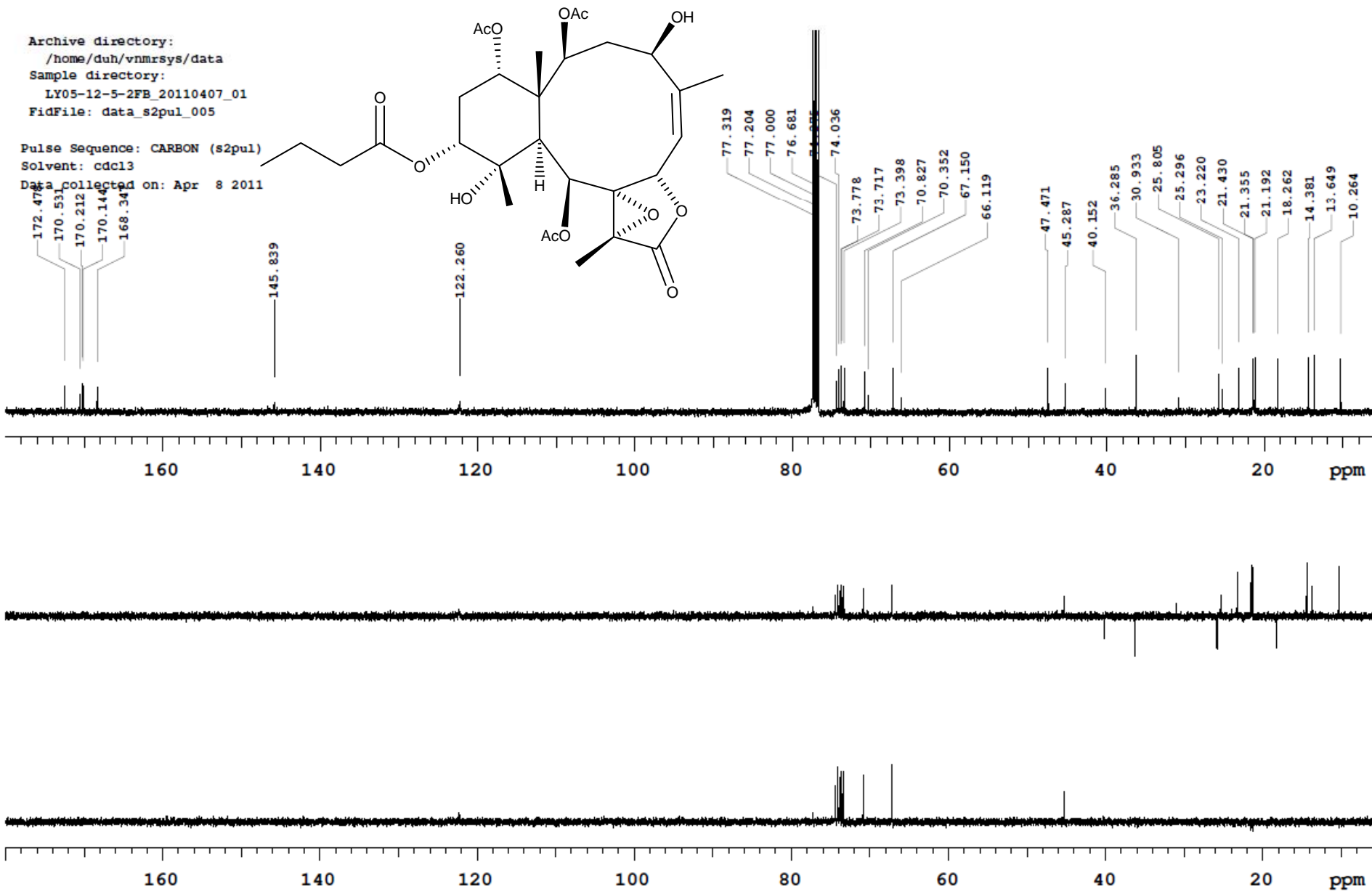
S13. ¹H NMR spectrum (400 MHz) of Briacavatolide C (3) in CDCl₃.

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Sample directory:
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FidFile: data_s2pul_004

Pulse sequence: PROTON (szpul)
Solvent: cdcl3
Data collected on: Apr 7 2011



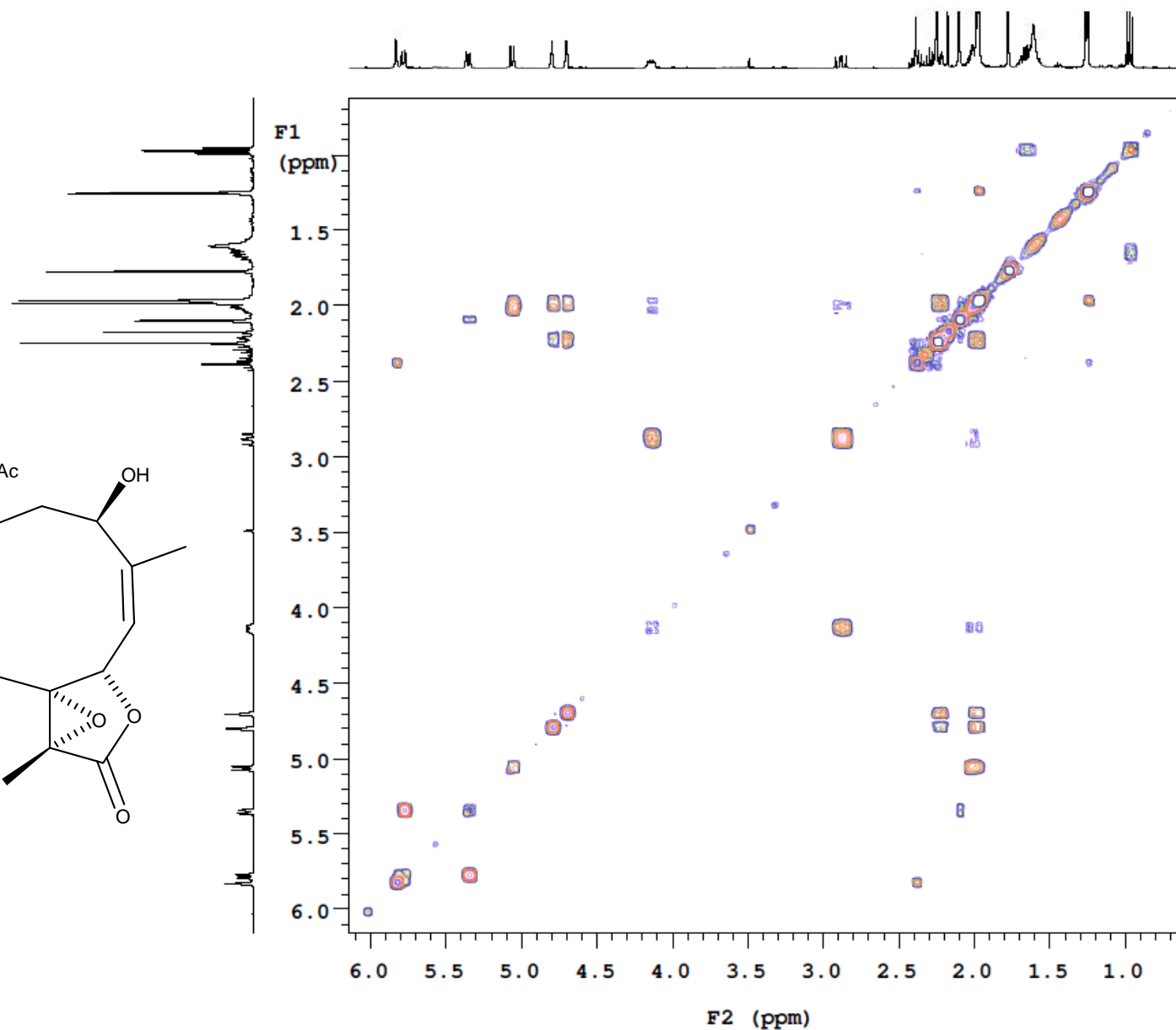
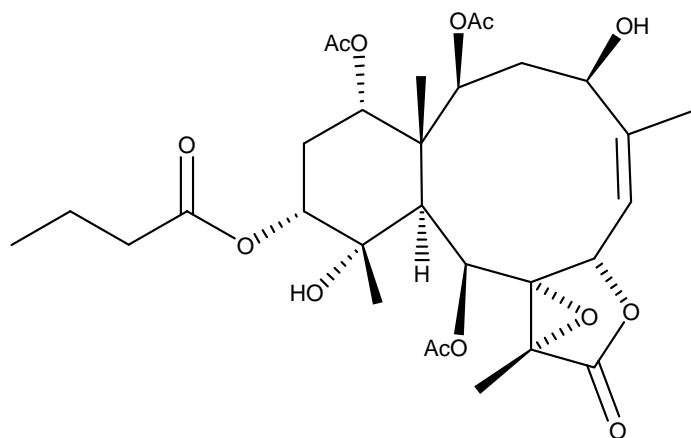
S14. ^{13}C NMR spectrum (100 MHz) of Briacavatolide C (3) in CDCl_3 .



S15. COSY spectrum (400 MHz) of Briacavatolide C (3) in CDCl₃.

Archive directory:
/nome/aun/vnmrsys/data
Sample directory:
LY05-12-5-2FB_20110407_01
FidFile: data_gCOSY_001

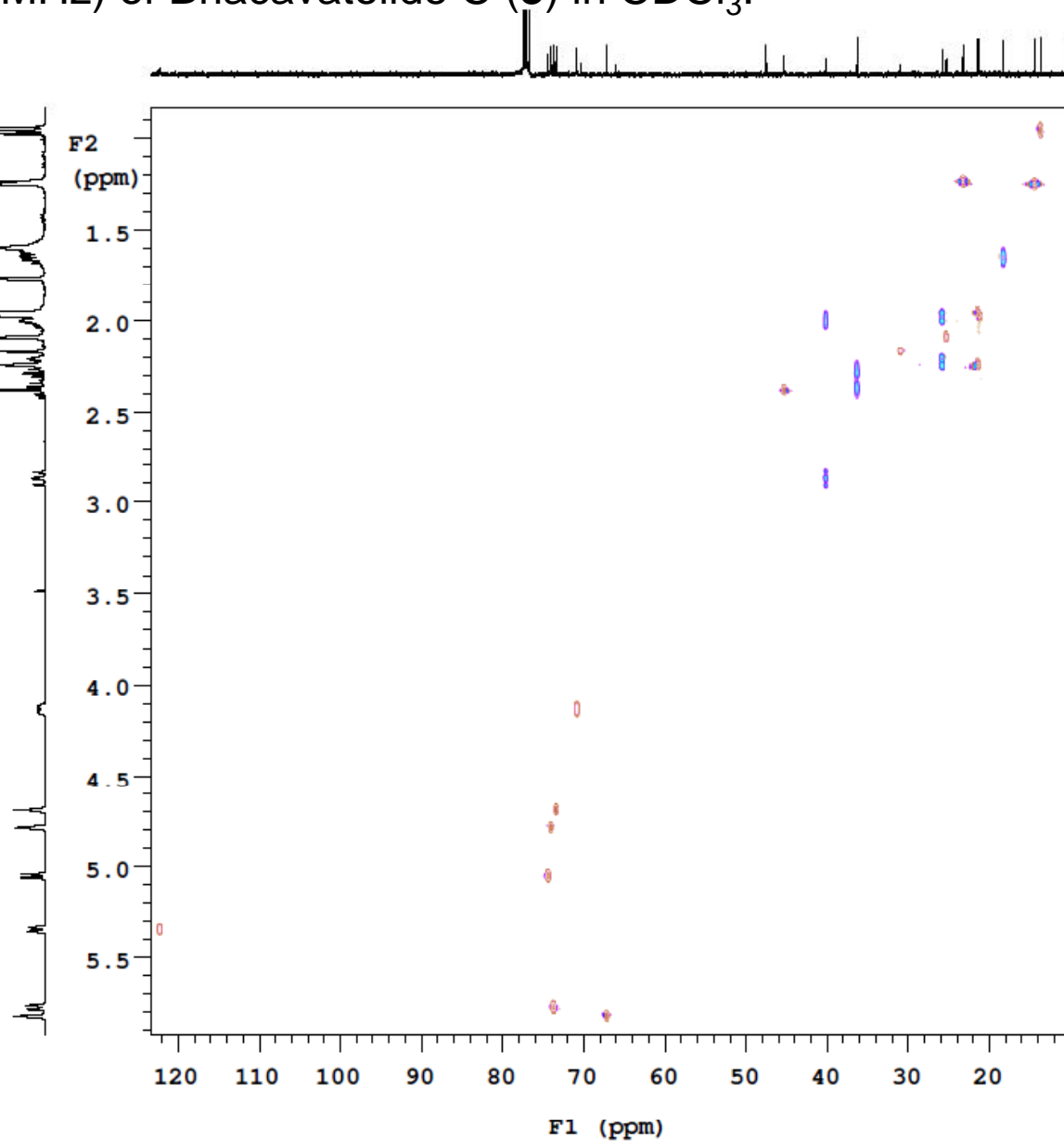
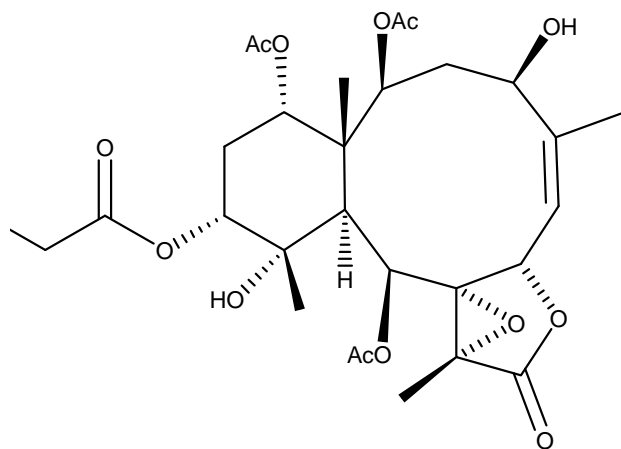
Pulse Sequence: gCOSY
Solvent: cdcl3
Data collected on: Apr 7 2011



S16. NOESY spectrum (400 MHz) of Briacavatolide C (3) in CDCl₃.

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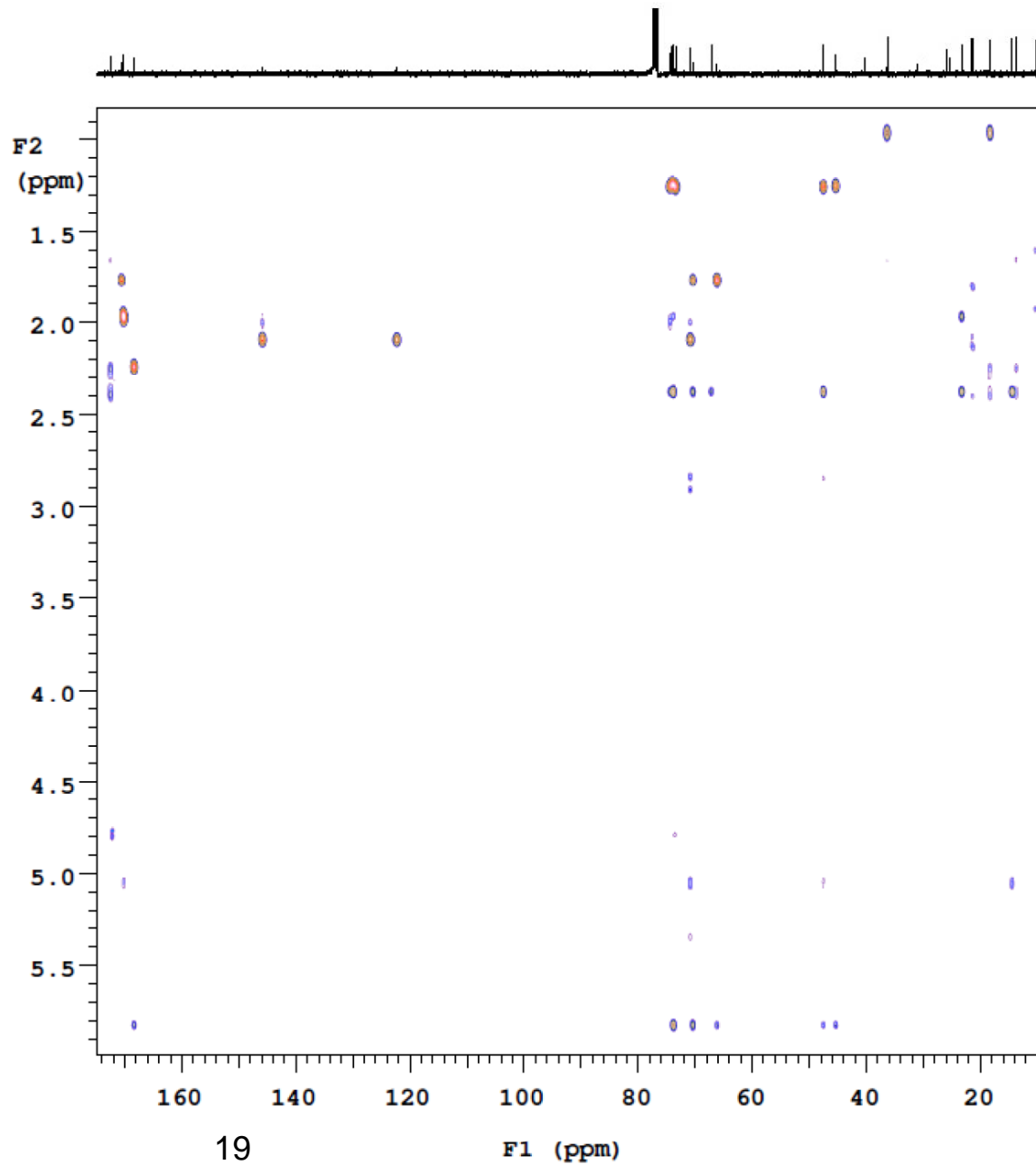
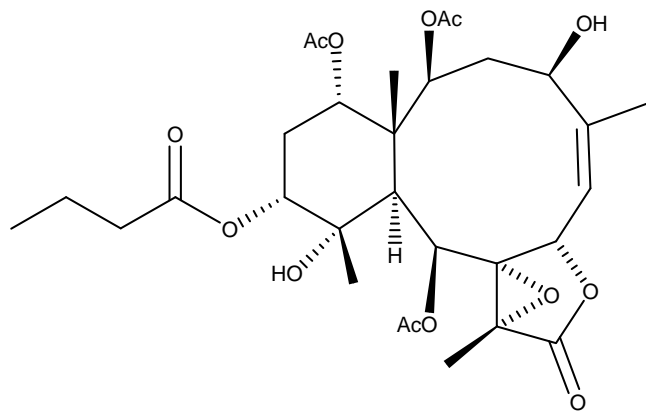
sequence: gHSQCAD
: cdcl3
llected on: Apr 7 2011



S17. HMBC spectrum (400 MHz) of Briacavatolide C (3) in CDCl₃.

rectory:
h/vnmrsys/data
ectory:
5-2FB_20110407_01
ata_gHMBCAD_001

nce: gHMBCAD
c13
ted on: Apr 7 2011



S18. NOESY spectrum (400 MHz) of Briacavatolide C (3) in CDCl₃.

Archive directory:
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Sample directory:
LY05-12-5-2FB_20110407_01
FidFile: data_NOESY_001

Pulse Sequence: NOESY
Solvent: cdc13
Data collected on: Apr 7 2011

