

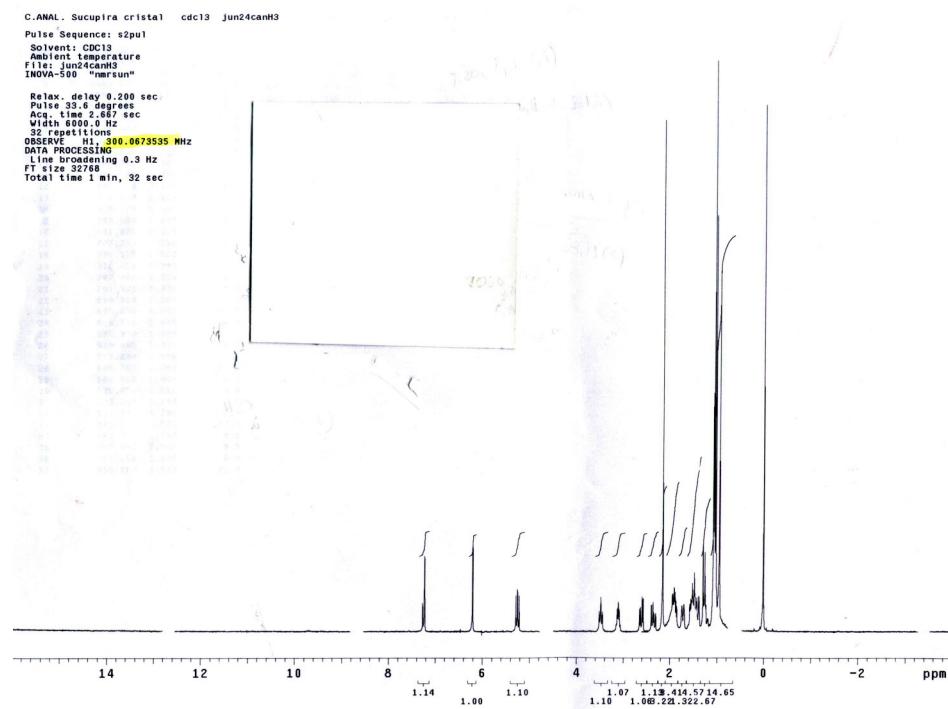
## Furanoditerpenes from *Pterodon pubescens* Benth with Selective *in vitro* Anticancer Activity for Prostate Cell Line

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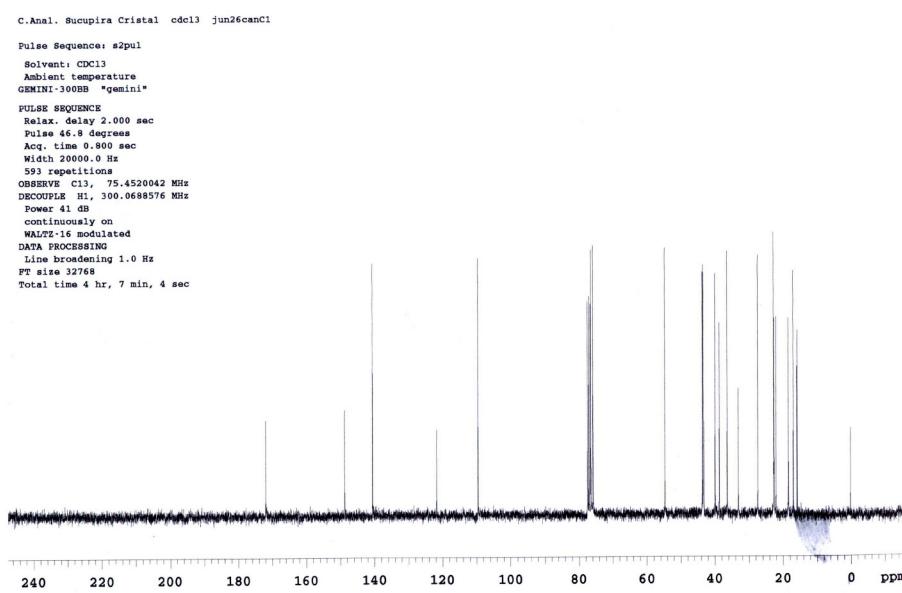
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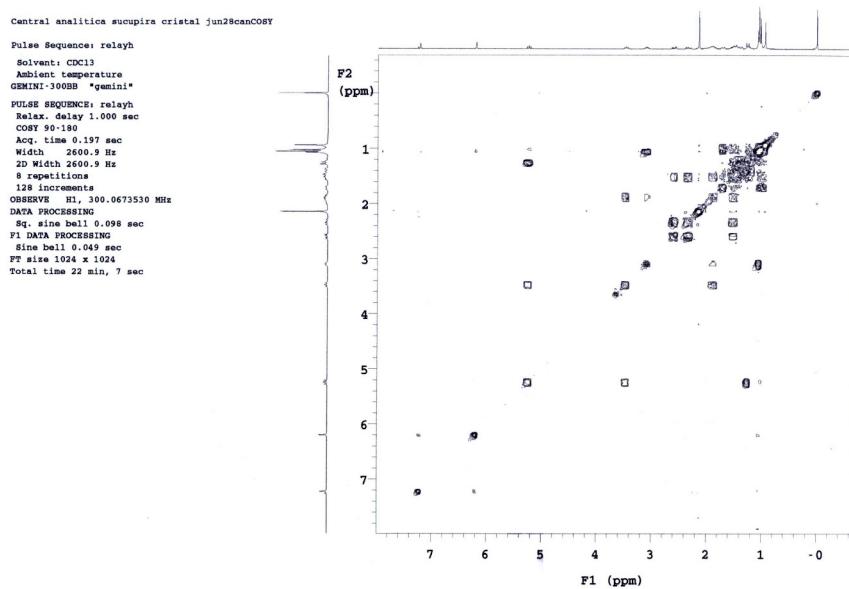
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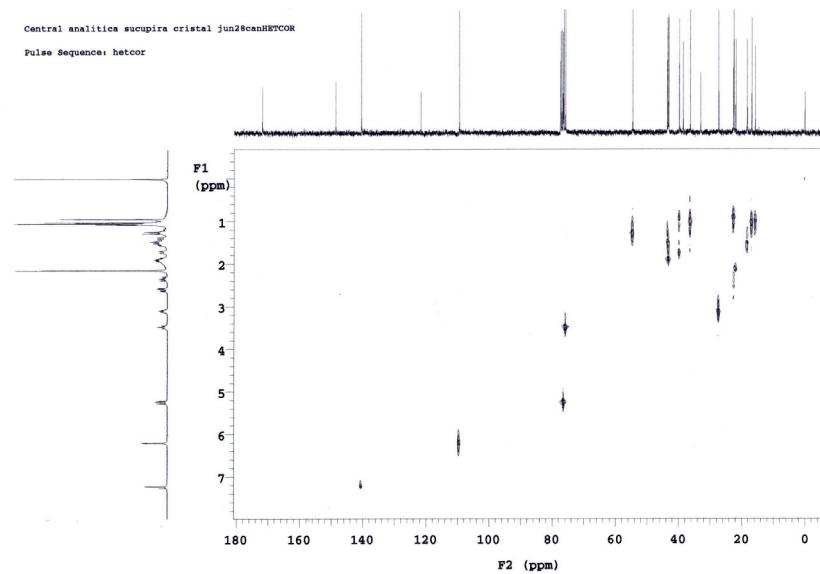
**Figure S1.** NMR<sup>1</sup>H (300 MHz, CDCl<sub>3</sub>) spectrum of 6 $\alpha$ -acetoxy,7 $\beta$ -hydroxy vouacapan, **1**.



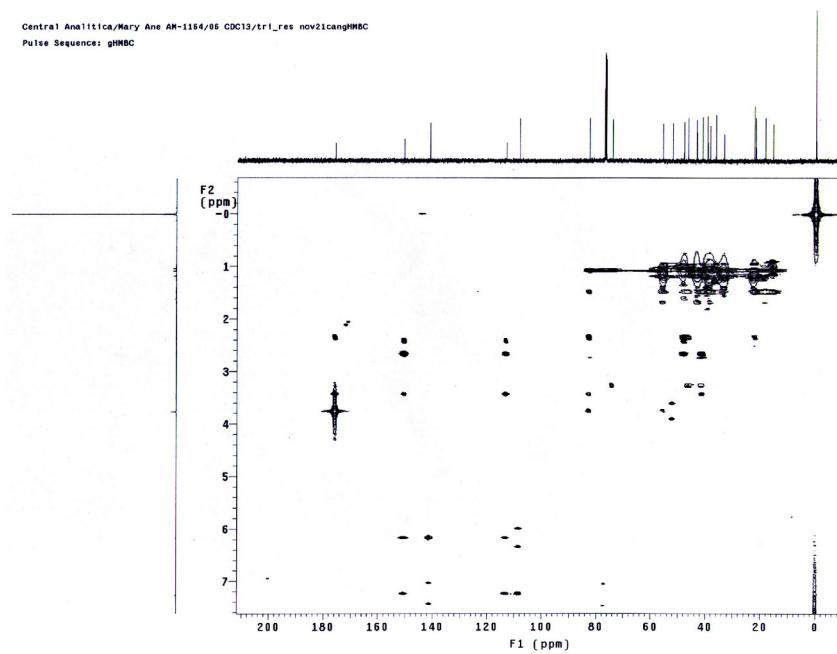
**Figure S2.** NMR<sup>13</sup>C (75.45 MHz, CDCL<sub>3</sub>) spectrum of 6 $\alpha$ -acetoxy,7 $\beta$ -hydroxy vouacapan, **1**.



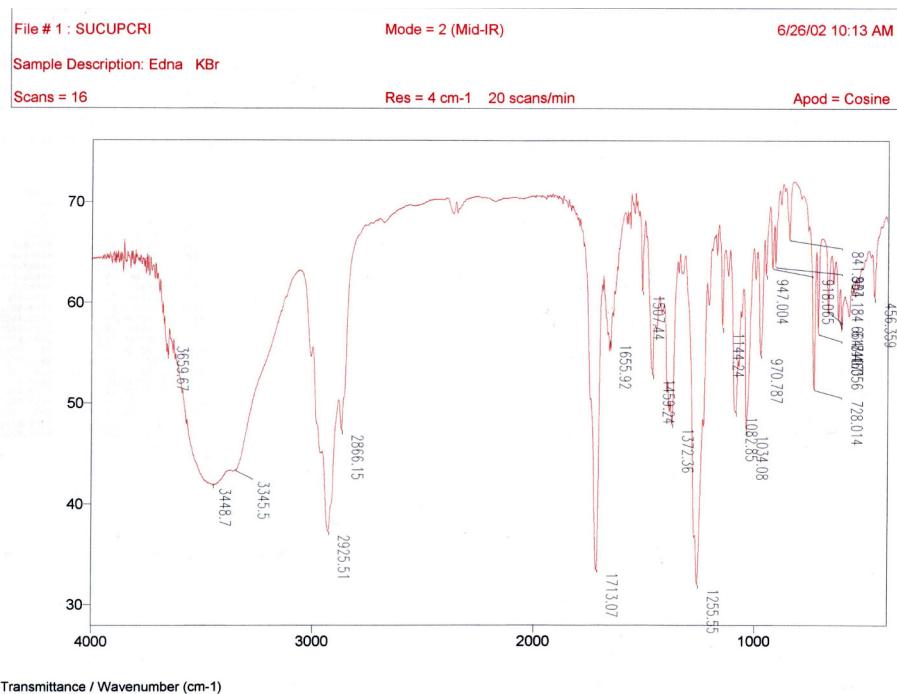
**Figure S3.** NMR<sup>1</sup>H x <sup>1</sup>H (500 MHz) (CDCL<sub>3</sub>) spectrum by COSY sequence of 6 $\alpha$ -acetoxy,7 $\beta$ - hydroxy vouacapan, **1**.



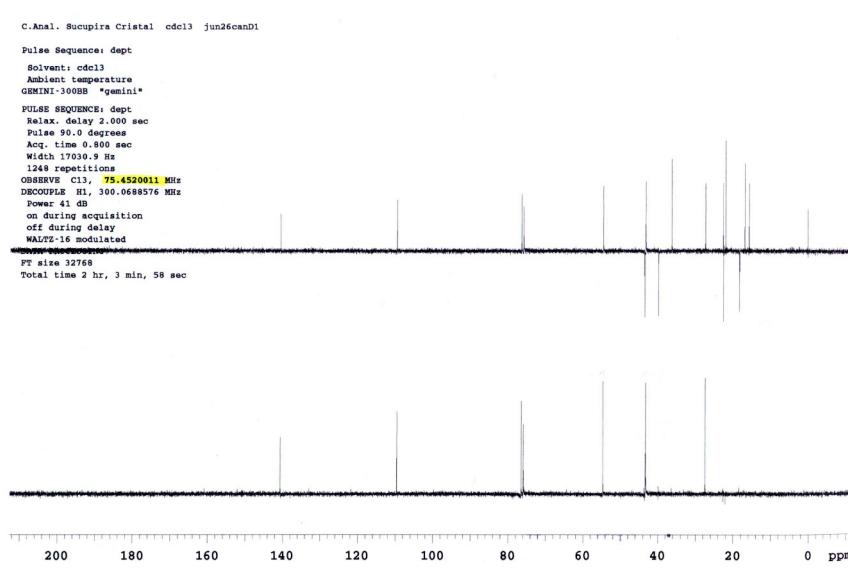
**Figure S4.** NMR<sup>1</sup>H (300 MHz) x NMR<sup>13</sup>C (75.45 MHz, CDCl<sub>3</sub>) spectrum by HSQC sequence of 6 $\alpha$ -acetoxy,7 $\beta$ -hydroxy vouacapan, **1**.



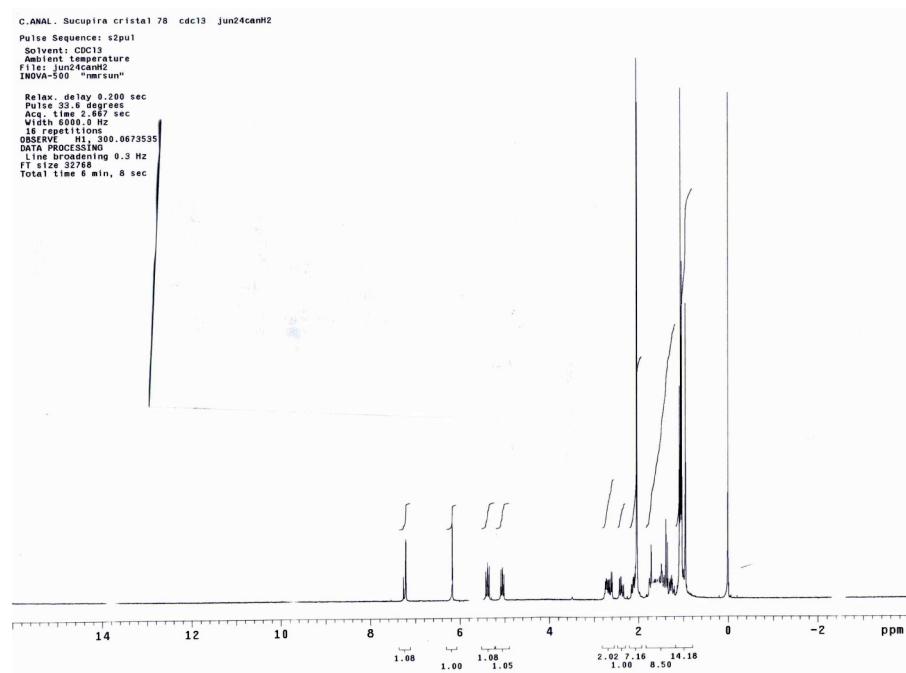
**Figure S5.** NMR<sup>1</sup>H (500 MHz) x NMR<sup>13</sup>C (125.7 MHz, CDCl<sub>3</sub>) spectrum by HMQC sequence of 6 $\alpha$ -acetoxy,7 $\beta$ -hydroxy vouacapan, **1**.



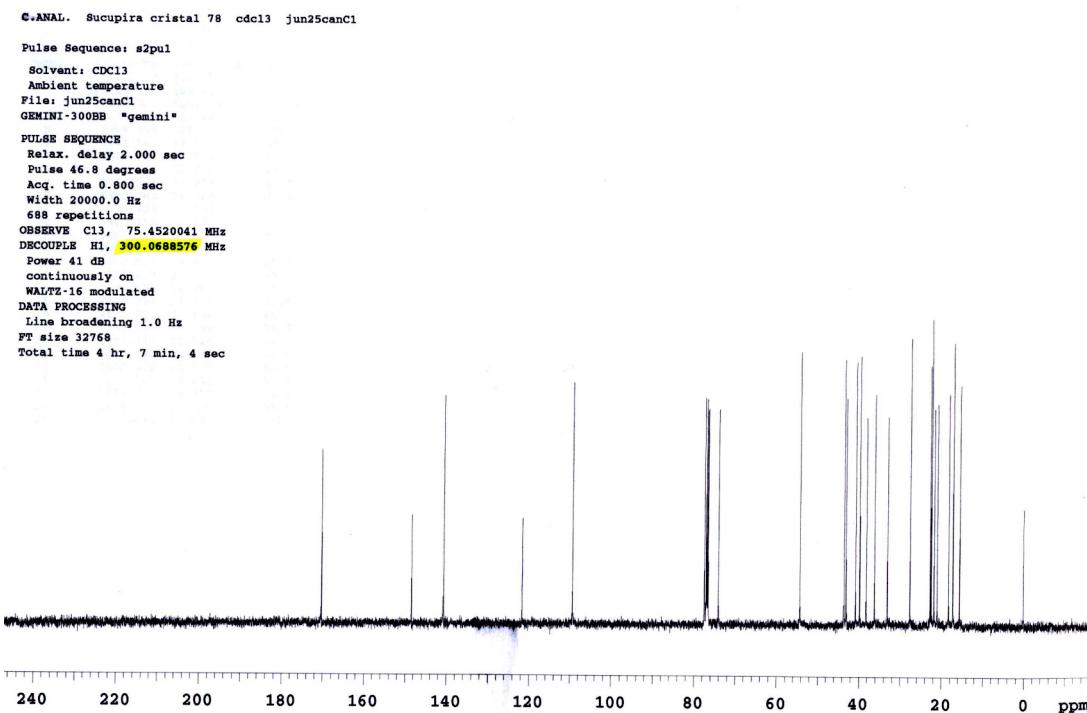
**Figure S6.** IR spectrum (Bomem MB Serie Hartmann & Braun-Michelson) of  $6\alpha$ -acetoxy,  $7\beta$ -hydroxy-vouacapan, **1**.



**Figure S7.** NMR <sup>13</sup>C (75.45 MHz, CDCl<sub>3</sub>) DEPT 135 and 90 spectrum of  $6\alpha$ -acetoxy,  $7\beta$ -hydroxy vouacapan, **1**.



**Figure S8.** NMR<sup>1</sup>H (300 MHz, CDCl<sub>3</sub>) spectrum of 6 $\alpha$ ,7 $\beta$ -diacetoxycouacapan, **2**.



**Figure S9.** NMR<sup>13</sup>C (75.45 MHz, CDCl<sub>3</sub>) spectrum of 6 $\alpha$ ,7 $\beta$ -diacetoxycouacapan, **2**.

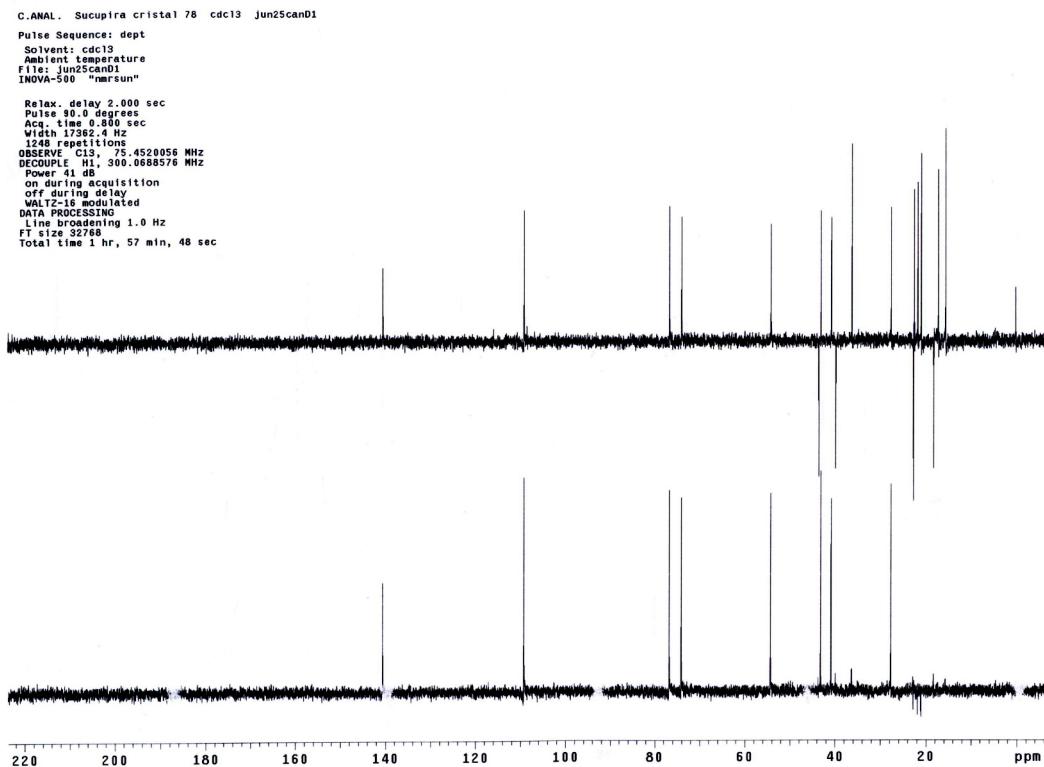


Figure S10. NMR<sup>13</sup>C (75.45 MHz, CDCL<sub>3</sub>) DEPT 135 and 90 spectrum of 6 $\alpha$ ,7 $\beta$ -diacetoxylouacapan, 2.

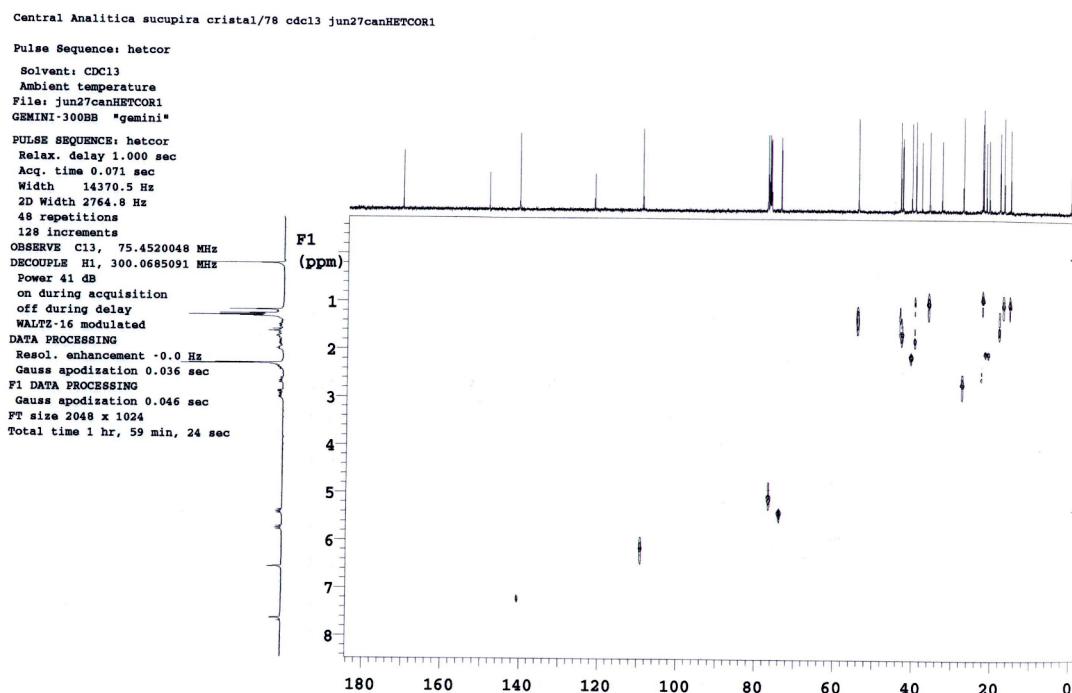
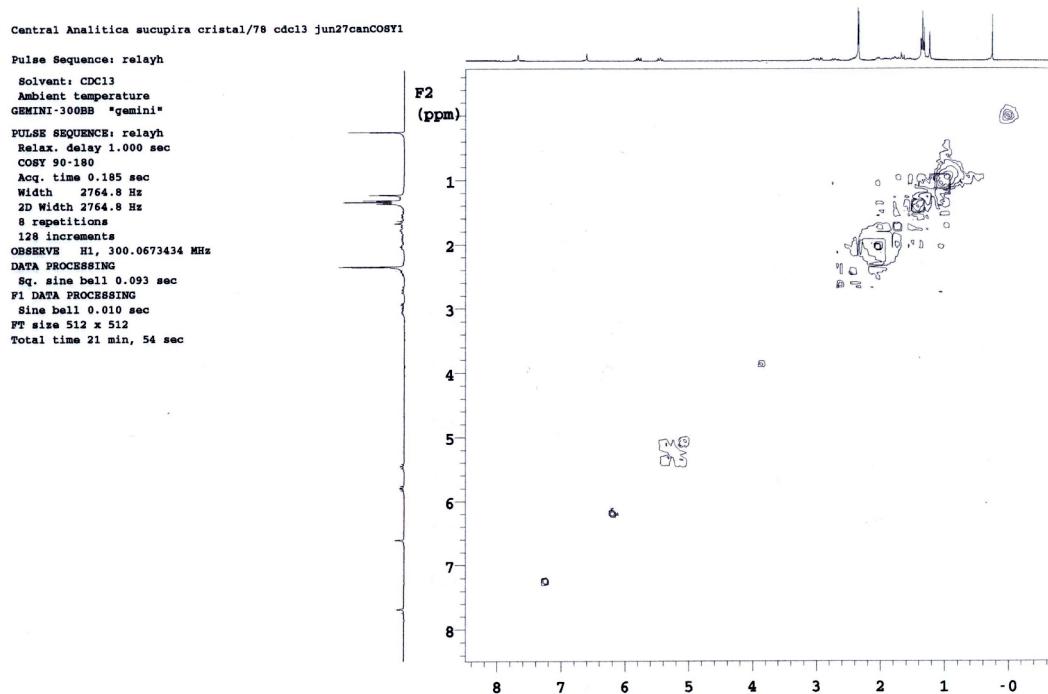


Figure S11. NMR<sup>1</sup>H (500 MHz) x NMR<sup>13</sup>C (125.7 MHz, CDCL<sub>3</sub>) spectrum by HETCOR sequence of 6 $\alpha$ ,7 $\beta$ -diacetoxylouacapan, 2.



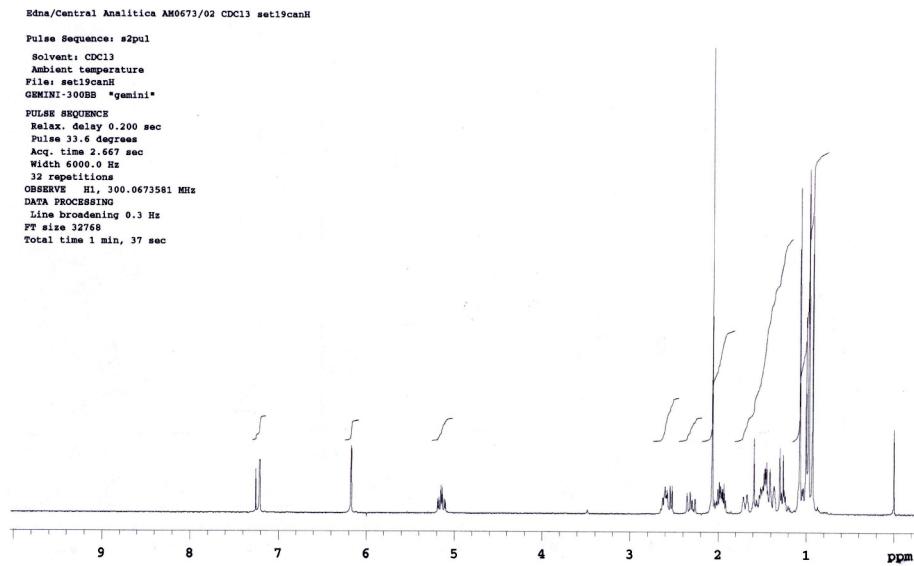
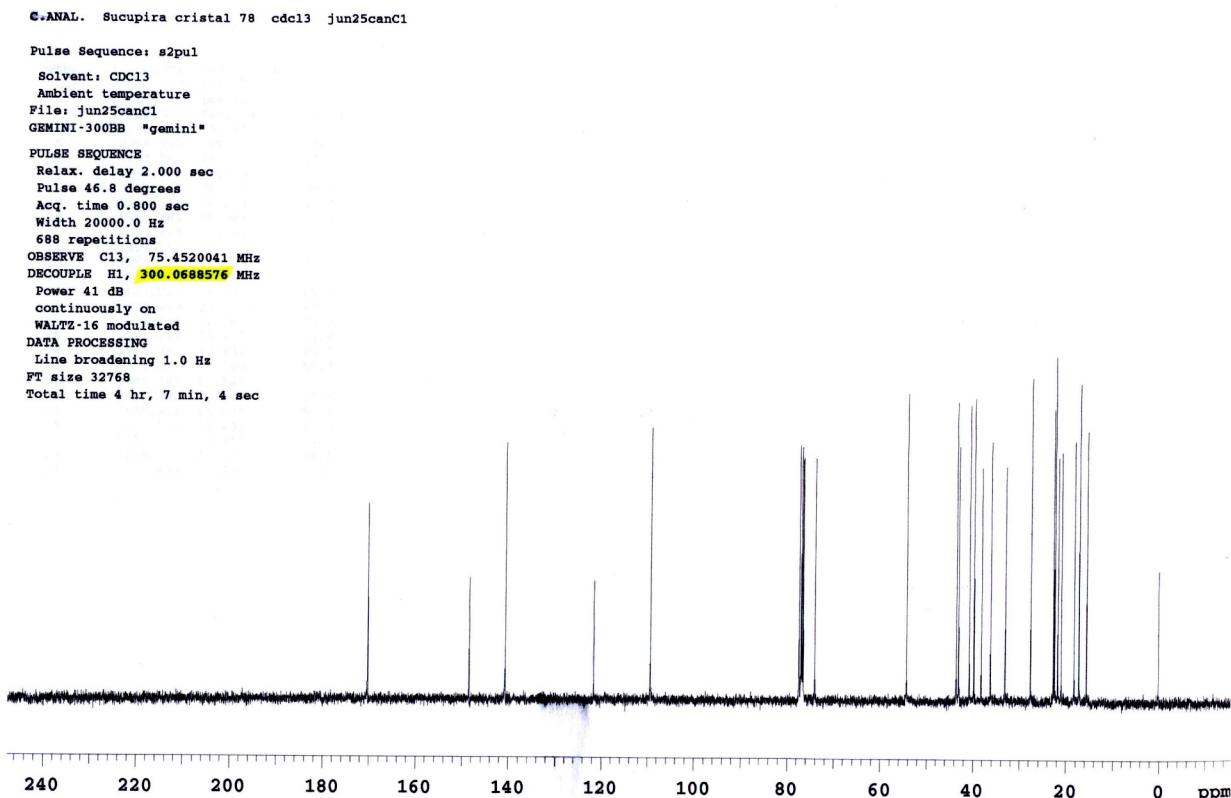
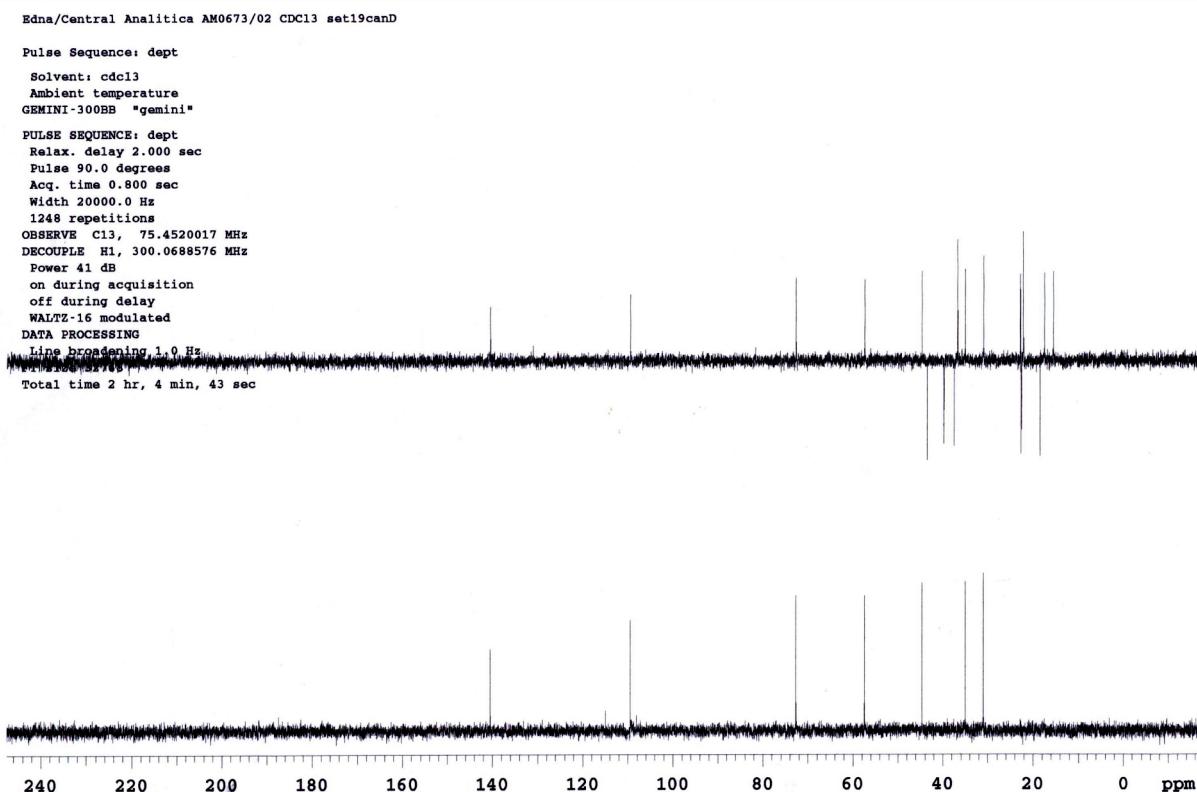
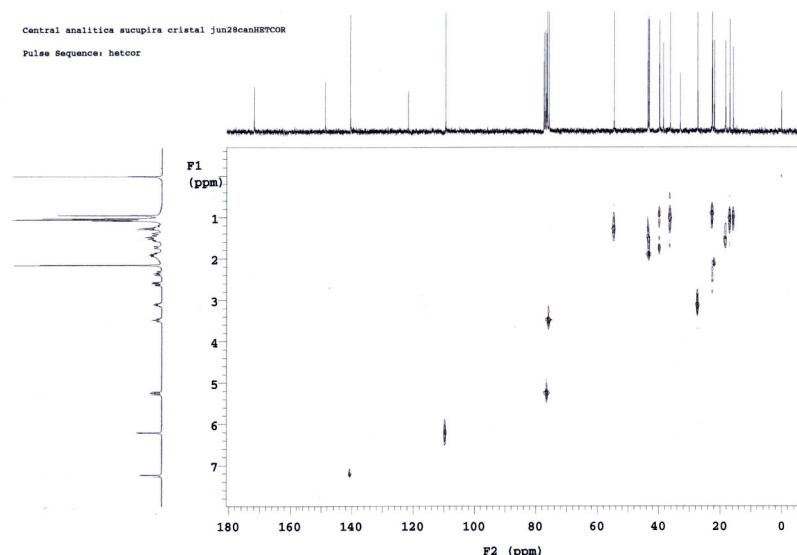


Figure S14. NMR<sup>1</sup>H (300 MHz, CDCl<sub>3</sub>) spectrum of 7β-acetoxivouacapano, 3.





**Figure S16.** NMR<sup>13</sup>C (125.7 MHz, CDCL<sub>3</sub>) DEPT 135 and 90 spectrum of 7β-acetoxivouacapano, **3**.



**Figure S17.** NMR<sup>1</sup>H (300 MHz) x NMR<sup>13</sup>C (75.45 MHz, CDCL<sub>3</sub>) spectrum by HETCOR sequence of 7β-acetoxivouacapano.

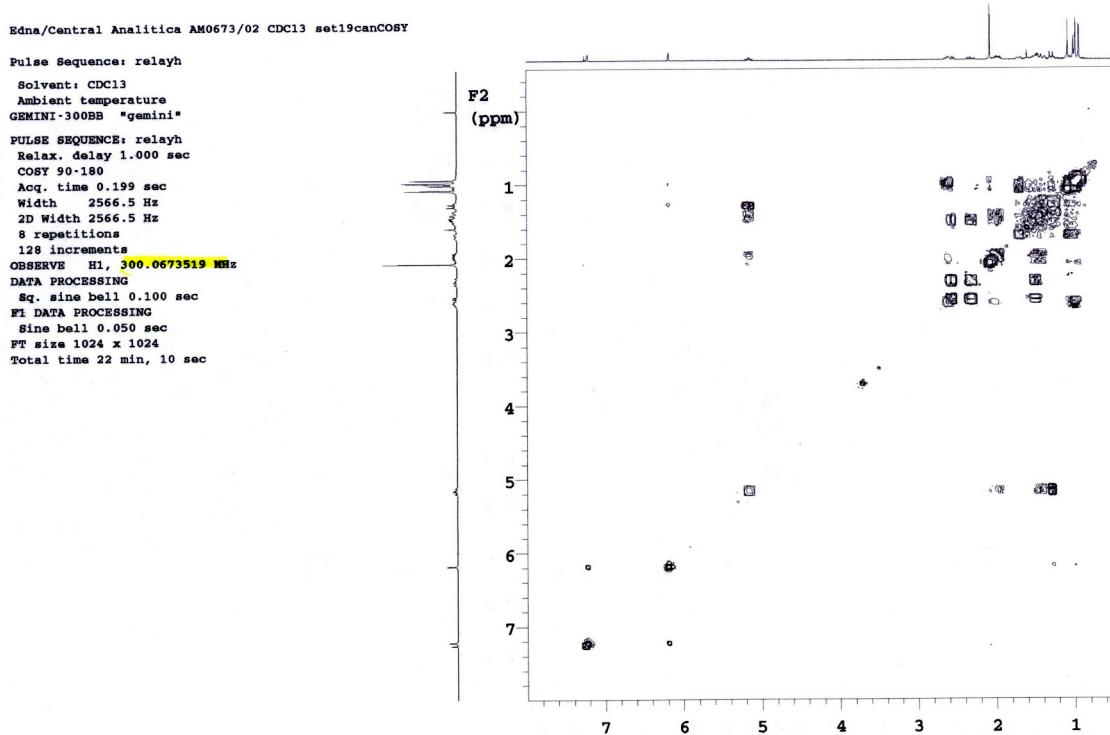


Figure S18. NMR<sup>1</sup>H x <sup>1</sup>H(300 MHz) spectrum by COSY sequence of 7β-acetoxivouacapano, 3.

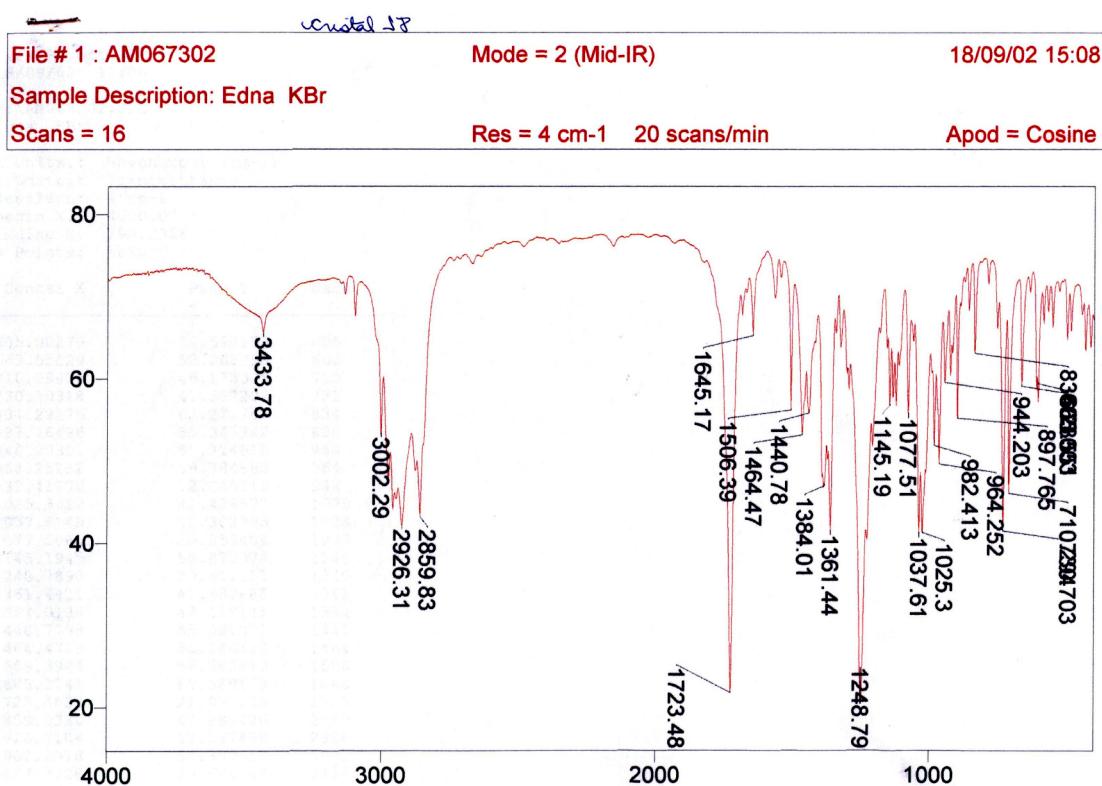
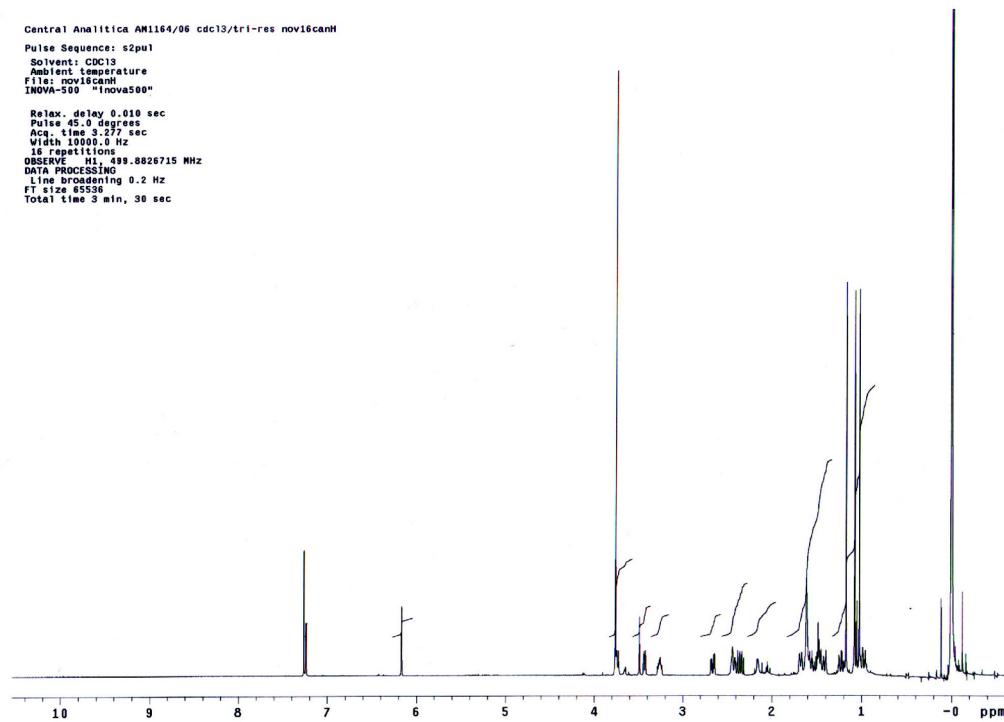
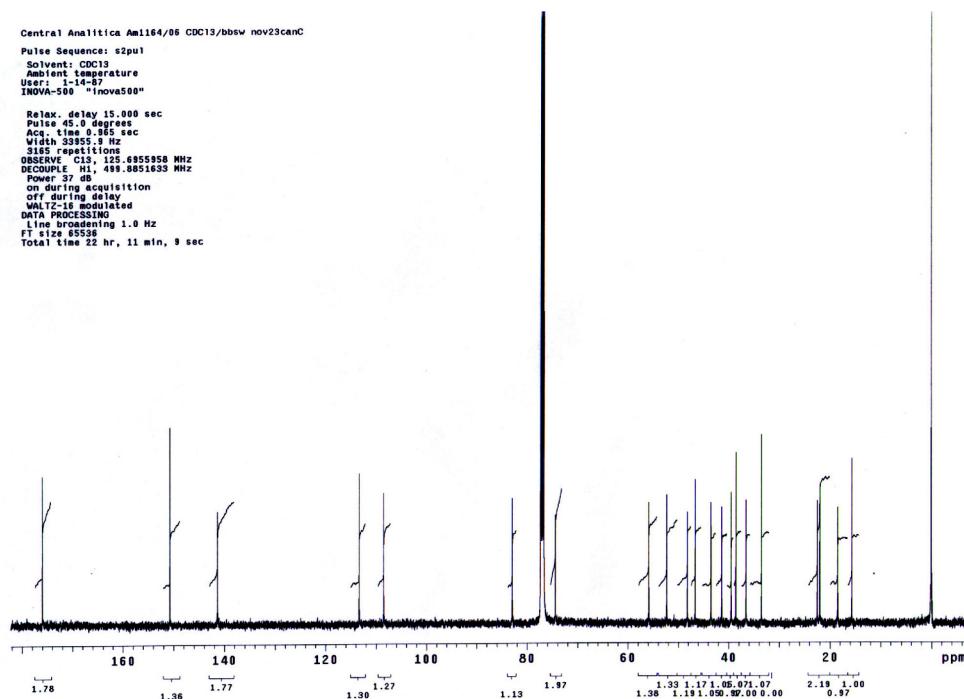


Figure S19. IR spectrum (Bomem MB Serie Hartmann & Braun-Michelson) of 7β-acetoxivouacapano, 3.

**Figure S20.** NMR<sup>1</sup>H (500 MHz, CDCl<sub>3</sub>) spectrum of compound 4.**Figure S21.** NMR<sup>13</sup>C (125.7 MHz, CDCl<sub>3</sub>) spectrum of compound 4.