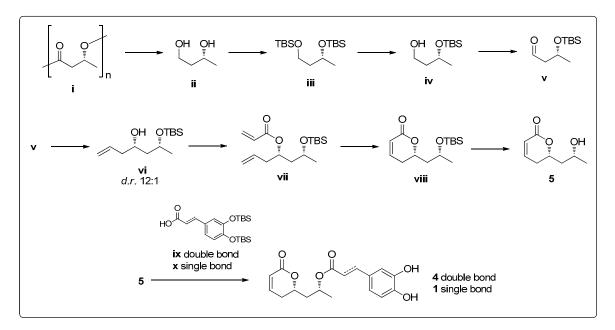
Supplementary Materials



Scheme S1. Synthesis of tarchonanthuslactone 1 and analogue 4.

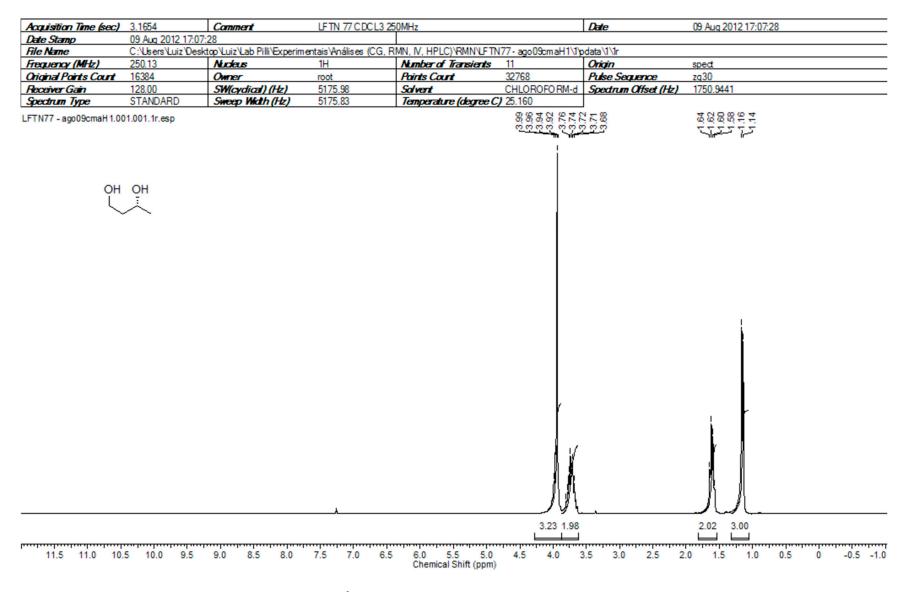


Figure S1. ¹H-NMR (250 MHz, CDCl₃) of compound ii.

cquisition Time (sec)	0.5439	Comment	LFTN 77 CDCL	3 250MHz		Date	09 Aug 2012 17:26:40
ate Stamp	09 Aug 2012 17:						
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equency (MHz)	62.90	Nucleus	13C	Number of Transients	386	Origin	spect
riginal Points Count	8192	Owner	root	Points Count	32768	Pulse Sequence	zgpq30
eceiver Gain	362.00	SW(cydical) (Hz)	15060.24	Solvent	CHLOROFORM-d		6295.4580
pedrum Type	STANDARD	Sweep Width (Hz)	15059.78	Temperature (degree (3250.1000
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				Chemical Shift (ppm)			

Figure S2. ¹³C-NMR (62.9 MHz, CDCl₃) of compound ii.

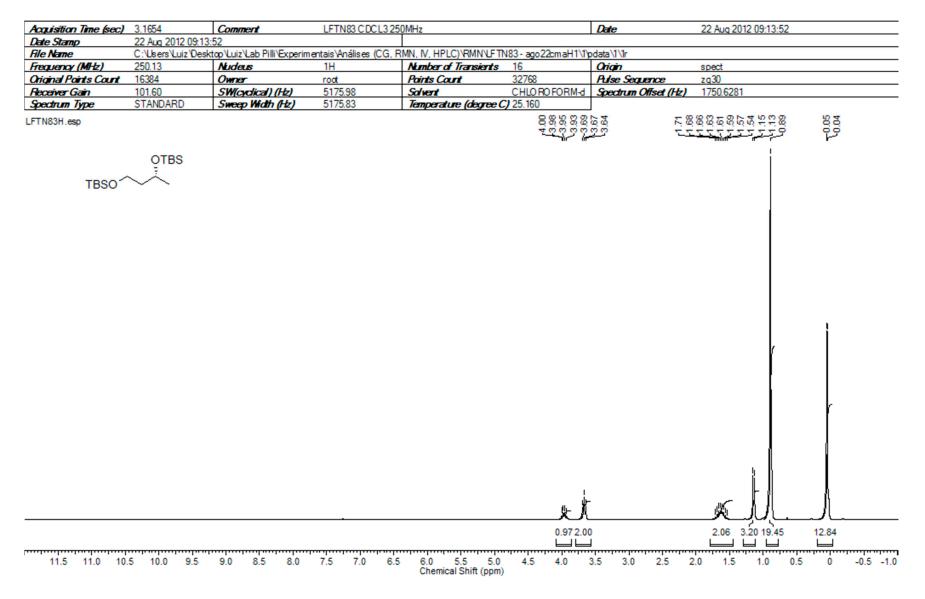


Figure S3. ¹H-NMR (250 MHz, CDCl₃) of compound iii.

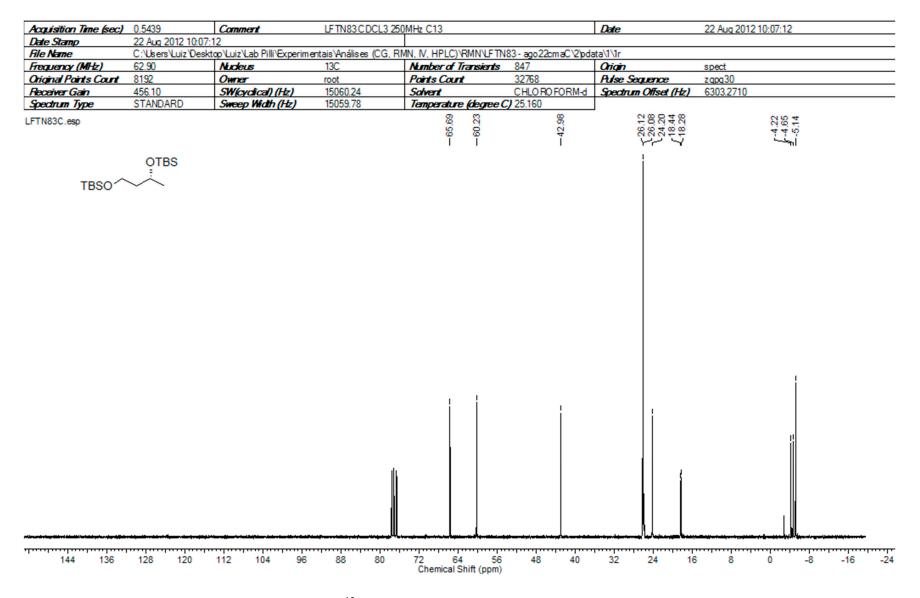


Figure S4. ¹³C-NMR (62.9 MHz, CDCl₃) of compound iii.

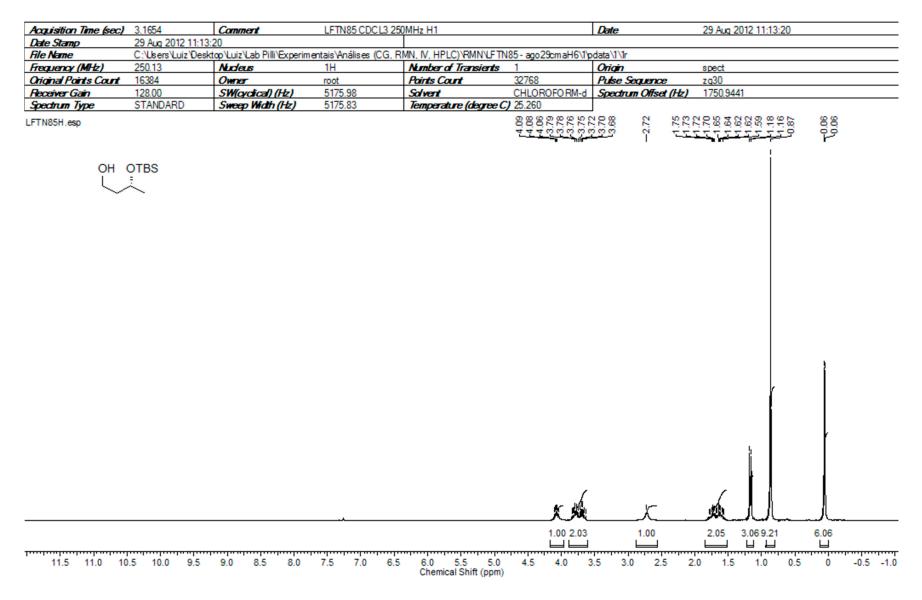


Figure S5. ¹H-NMR (250 MHz, CDCl₃) of compound iv.

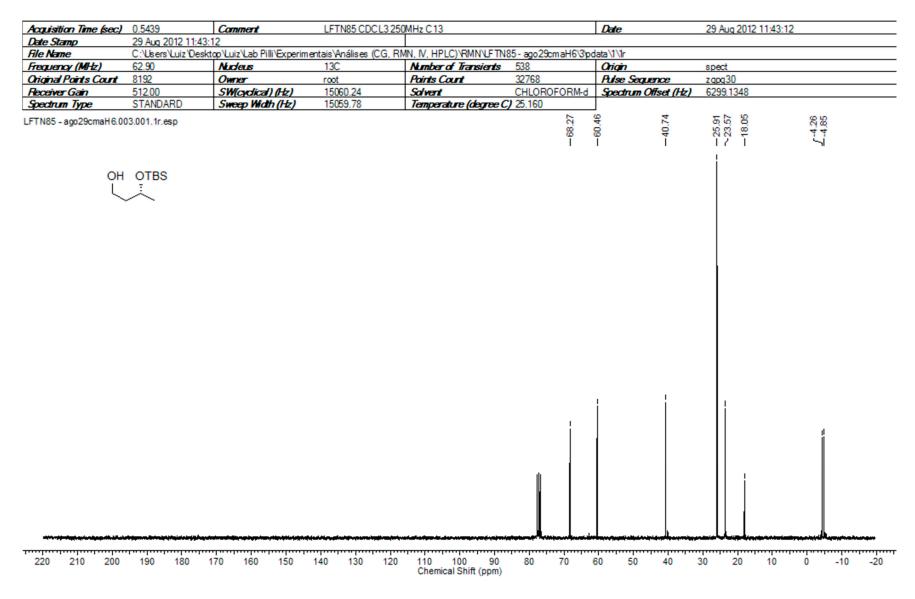


Figure S6. ¹³C-NMR (62.9 MHz, CDCl₃) of compound iv.

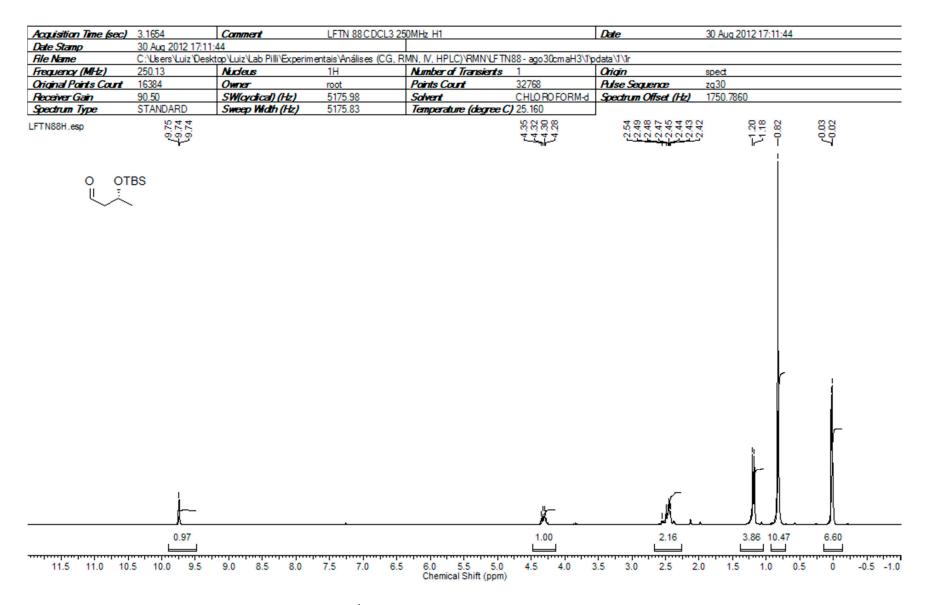


Figure S7. ¹H-NMR (250 MHz, CDCl₃) of compound v.

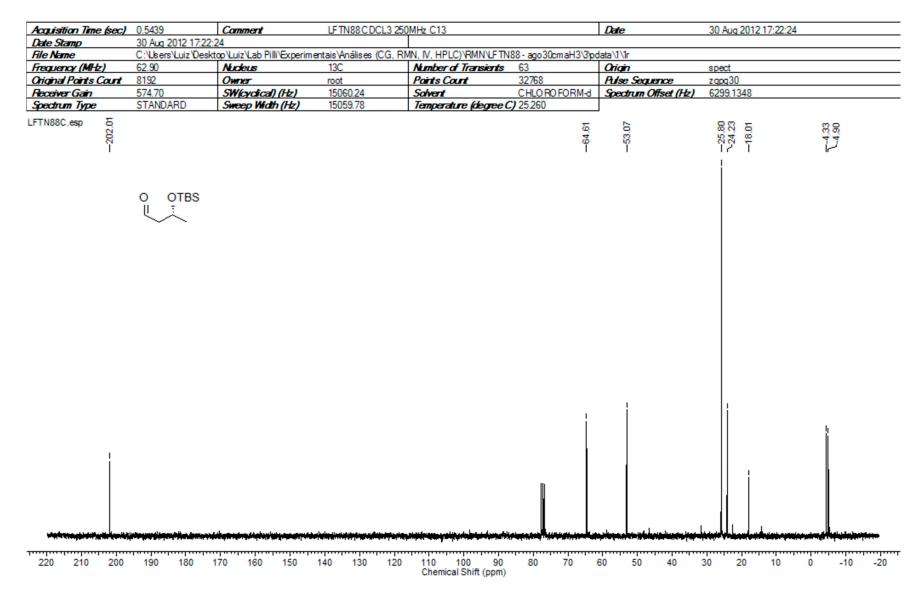


Figure S8. ¹³C-NMR (62.9 MHz, CDCl₃) of compound v.

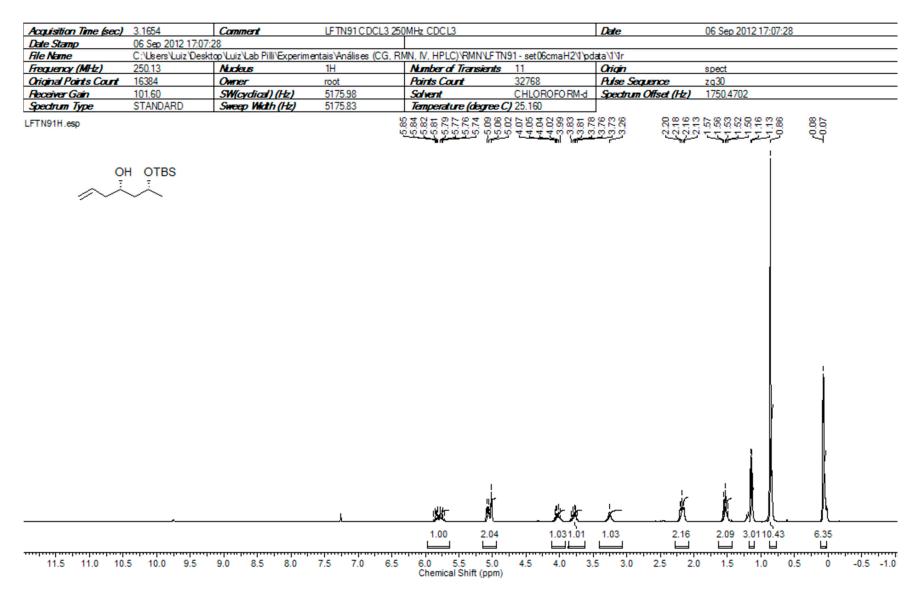


Figure S9. ¹H-NMR (250 MHz, CDCl₃) of compound vi.

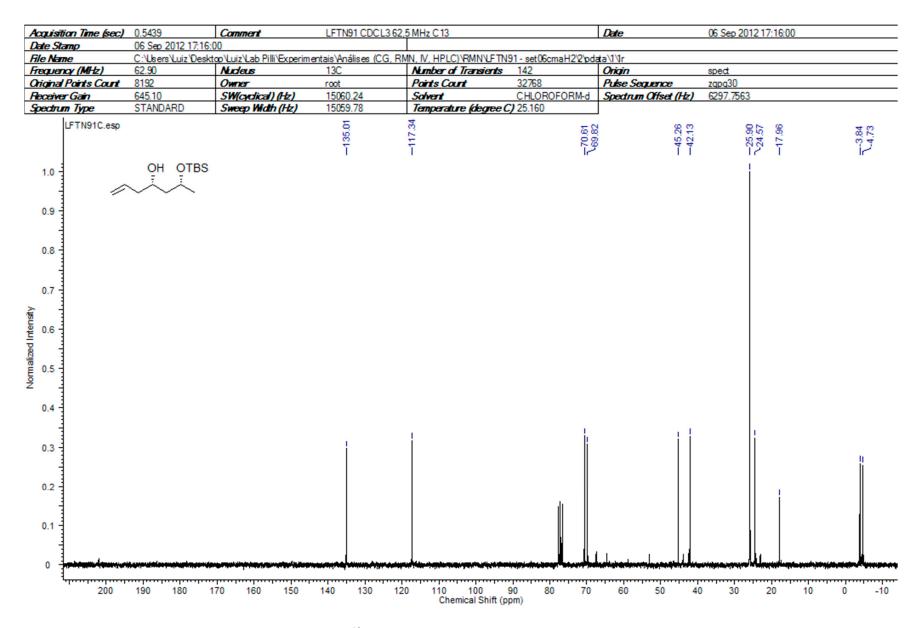


Figure S10. ¹³C-NMR (62.9 MHz, CDCl₃) of compound vi.

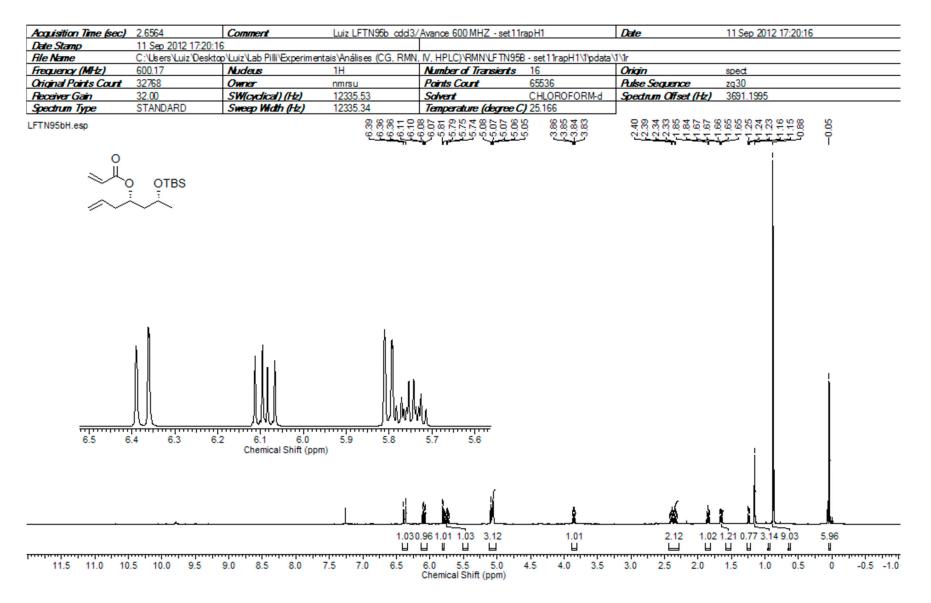


Figure S11. ¹H-NMR (600 MHz, CDCl₃) of compound vii.

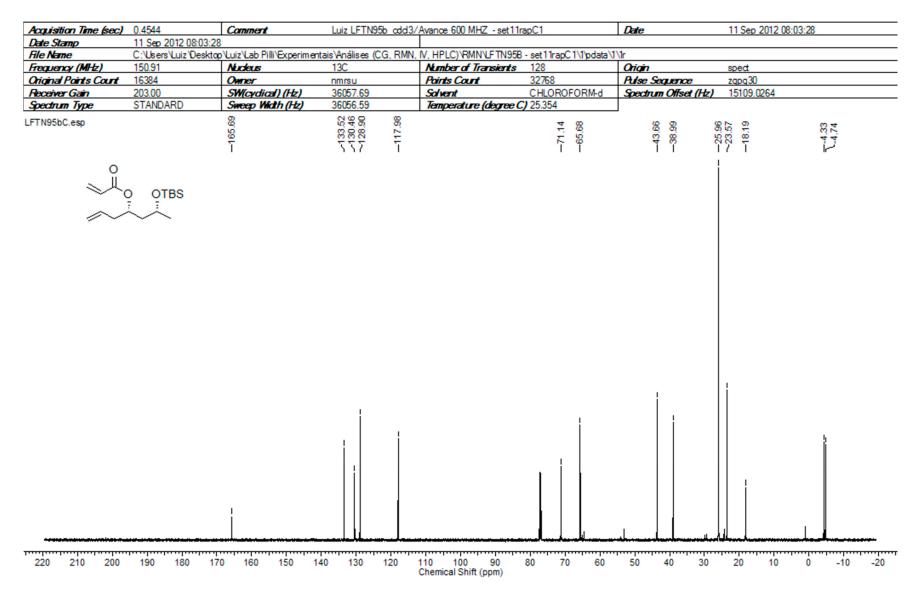


Figure S12. ¹³C-NMR (150 MHz, CDCl₃) of compound vii.

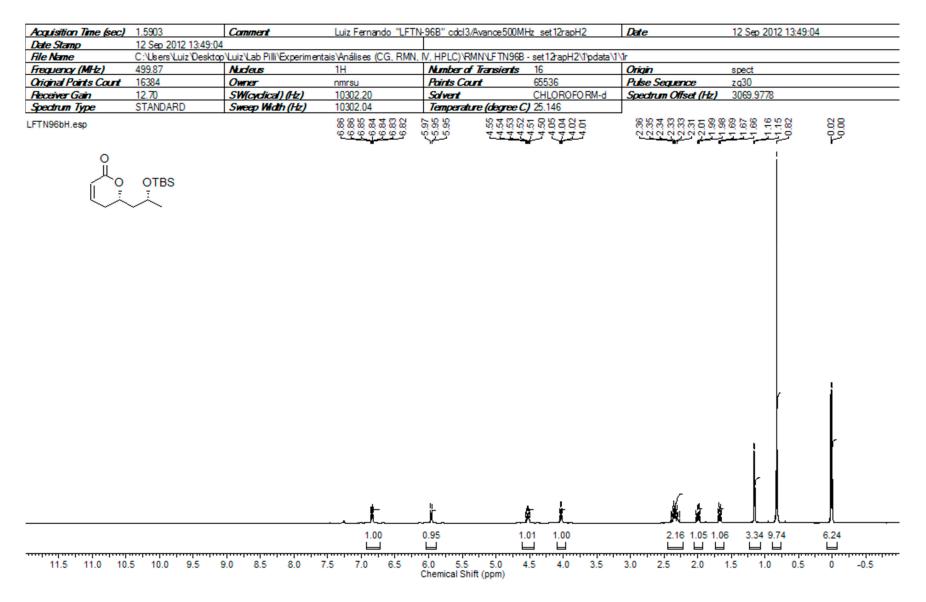


Figure S13. ¹H-NMR (500 MHz, CDCl₃) of compound viii.

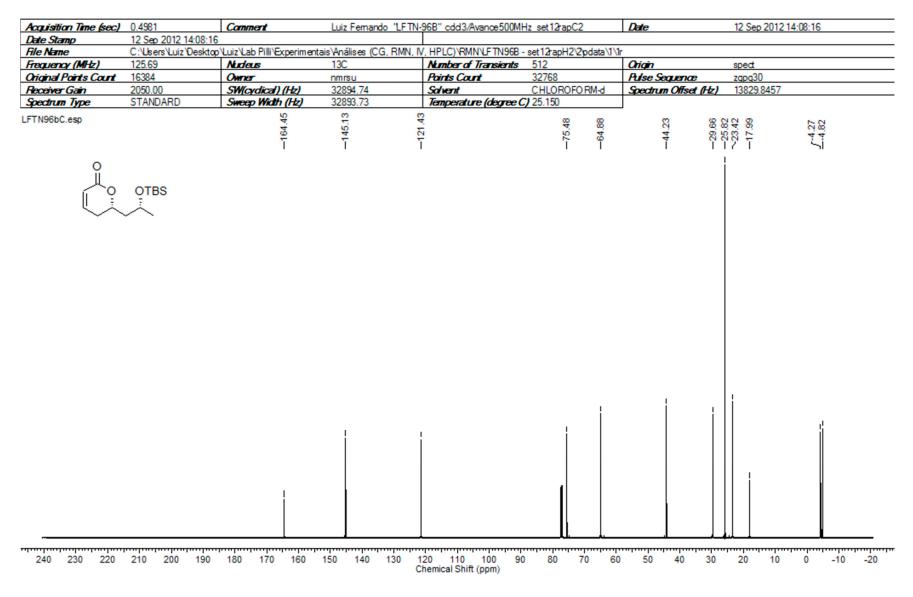


Figure S14. ¹³C-NMR (125 MHz, CDCl₃) of compound viii.

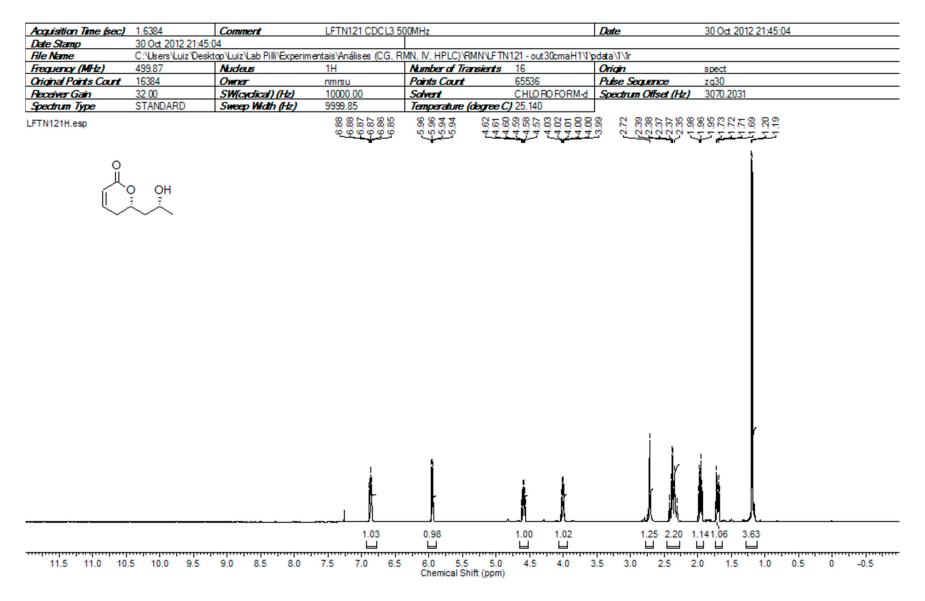


Figure S15. ¹H-NMR (500 MHz, CDCl₃) of compound 5.

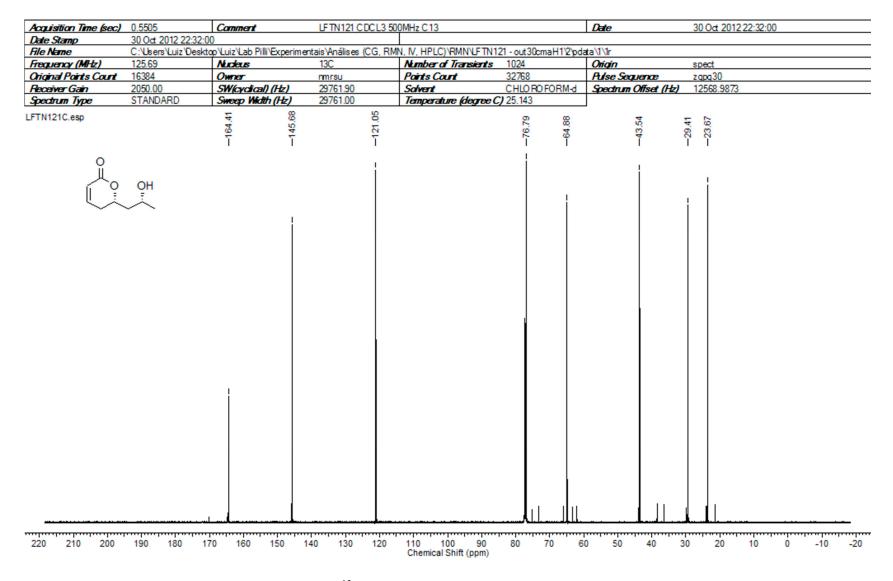


Figure S16. ¹³C-NMR (125 MHz, CDCl₃) of compound 5.

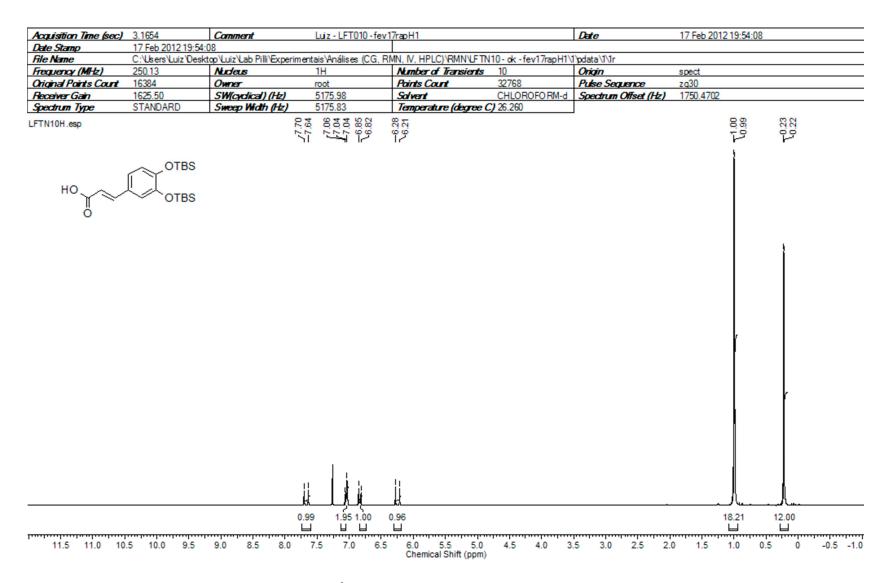


Figure S17. ¹H-NMR (250 MHz, CDCl₃) of compound ix.

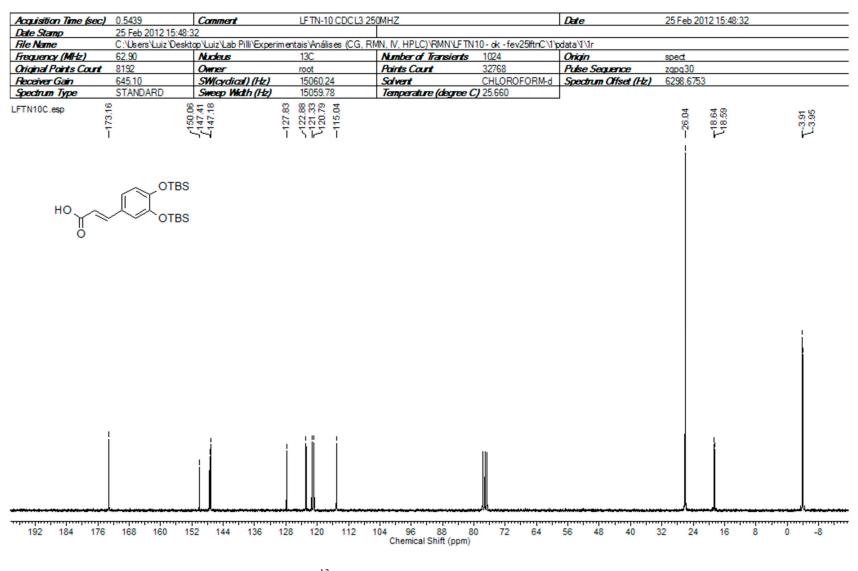


Figure S18. ¹³C-NMR (62.9 MHz, CDCl₃) of compound ix.

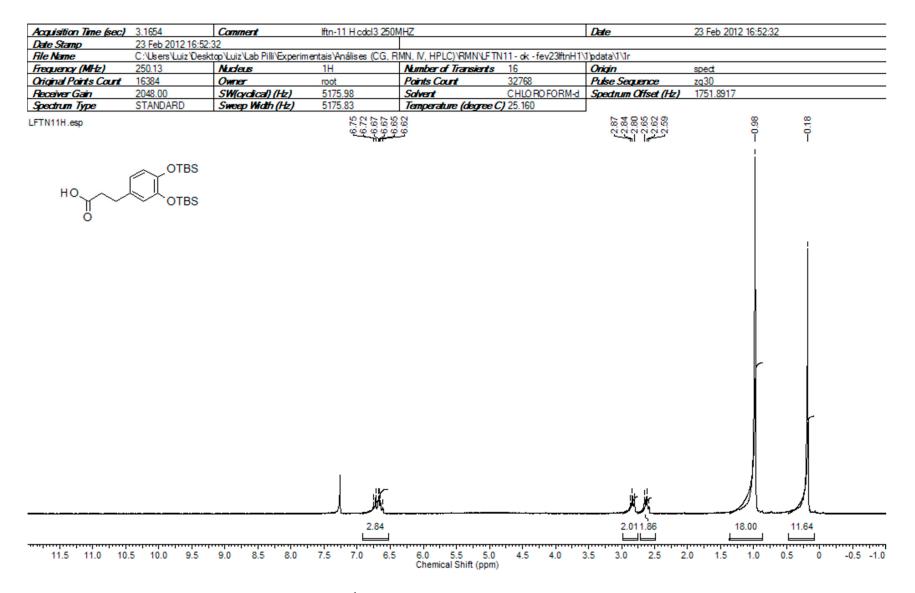


Figure S19. ¹H-NMR (250 MHz, CDCl₃) of compound **x**.

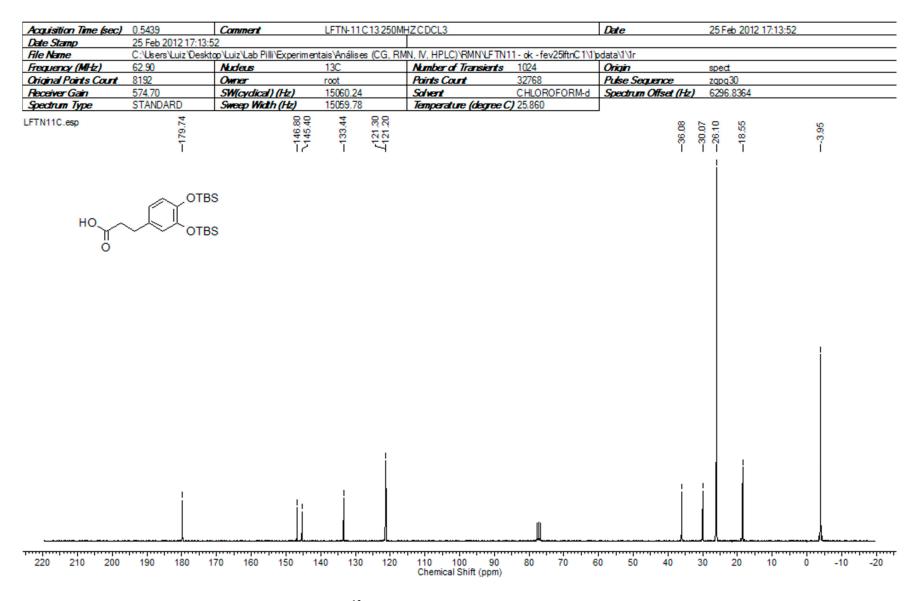


Figure S20. ¹³C-NMR (62.9 MHz, CDCl₃) of compound x.

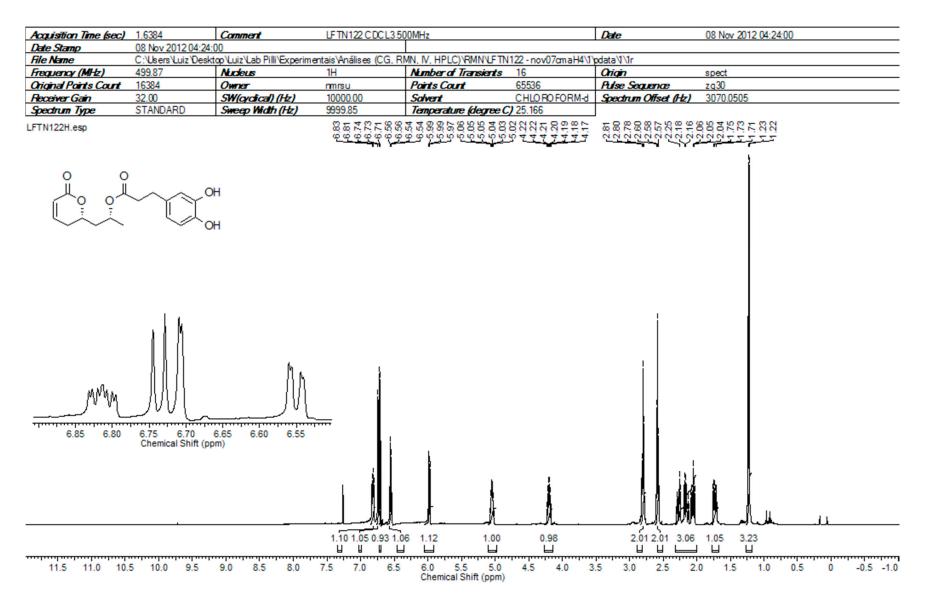


Figure S21. ¹H-NMR (500 MHz, CDCl₃) of compound 1.

uisition Time (sec)	0.5505	Comment	LFTN122CDCL3 50	0MHz C13		Date	08 Nov 2012 05:10:56
	08 Nov 2012 05:10:5						
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	125.69	Nudeus	13C	Number of Transients	1024	Origin	spect
ginal Points Count	16384	Owner	nmrsu	Points Court	32768	Pulse Sequence	zgpq30
ceiver Gain	2050.00	SW(cydical) (Hz)	29761.90	Solvent	CHLOROFORM-d	Spectrum Offset (Hz)	12577.1611
edrum Type	STANDARD	Sweep Width (Hz)	29761.00	Temperature (degree (Specifiin Grise [12]	12377.1011
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				Chemical Shift (ppm)			

Figure S22. ¹³C-NMR (125 MHz, CDCl₃) of compound 1.

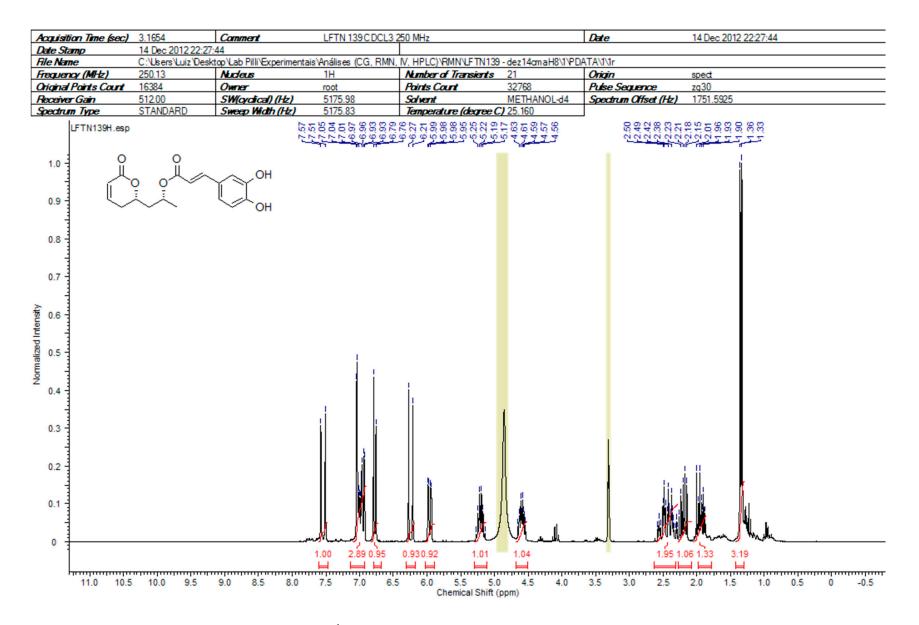


Figure S23. ¹H-NMR (250 MHz, methanol-d4) of compound 4.

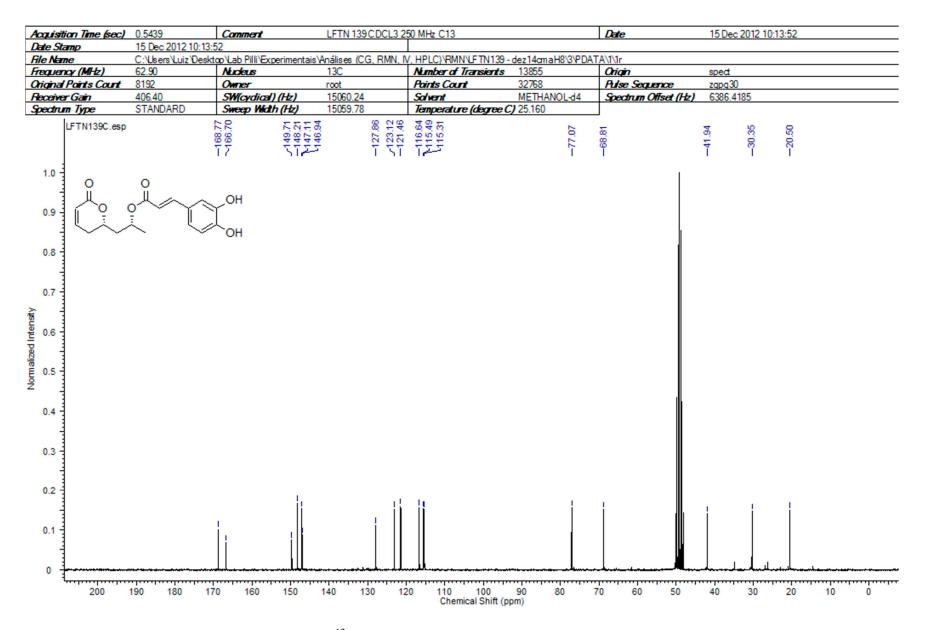


Figure S24. ¹³C-NMR (62.9 MHz, methanol-d4) of compound 4.