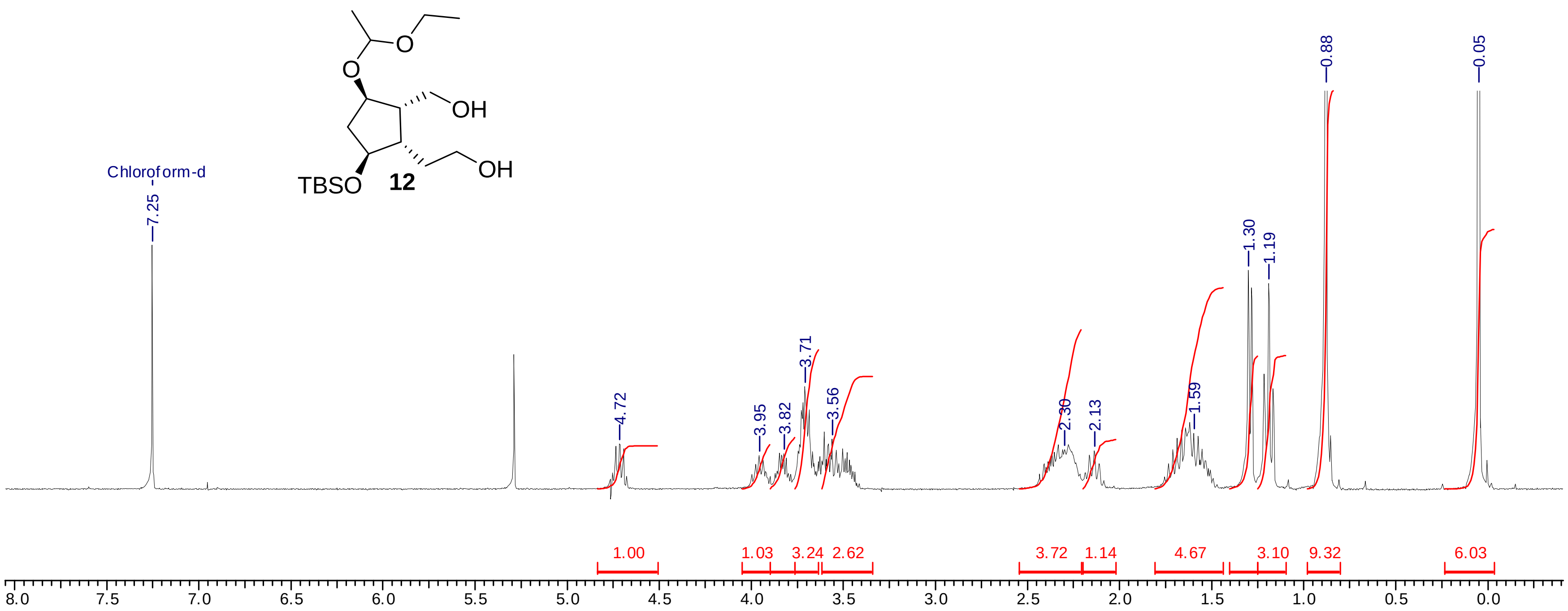
I.3 ^{1}H- and ^{13}C-NMR Spectra

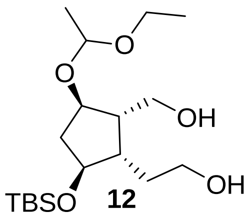
23 Jul 2009

Acquisition Time (sec)	10.3547	*Comment*	1H sur yas1-138 exp 1 ozonolyse			*Date*	21/07/2009 09:38:50		
Frequency (MHz)	300.13	*Nucleus*	1H	*Original Points Count*	32768	*Points Count*	32768	*Sweep Width (Hz)*	3164.56
Temperature (grad C)	0.000								

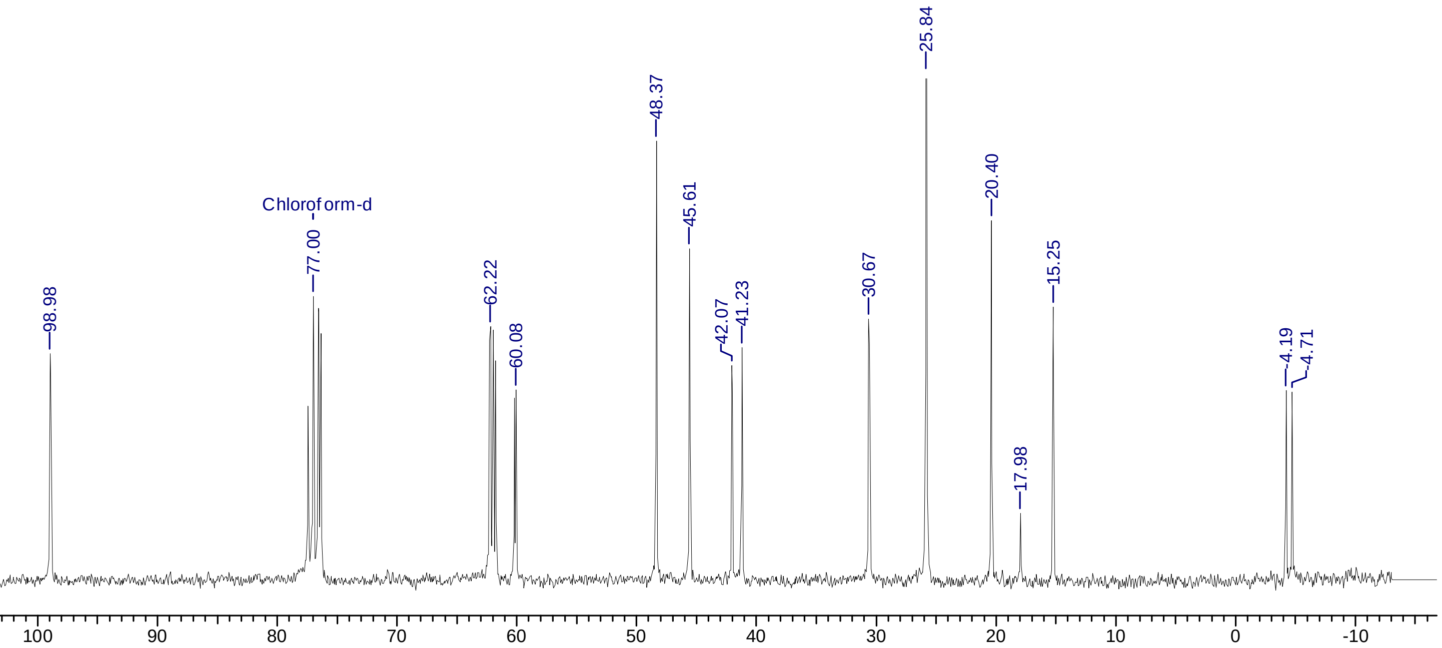


21 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur yas1-138 exp 2 ozonolyse		***Date***	21/07/2009 09:38:54	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						

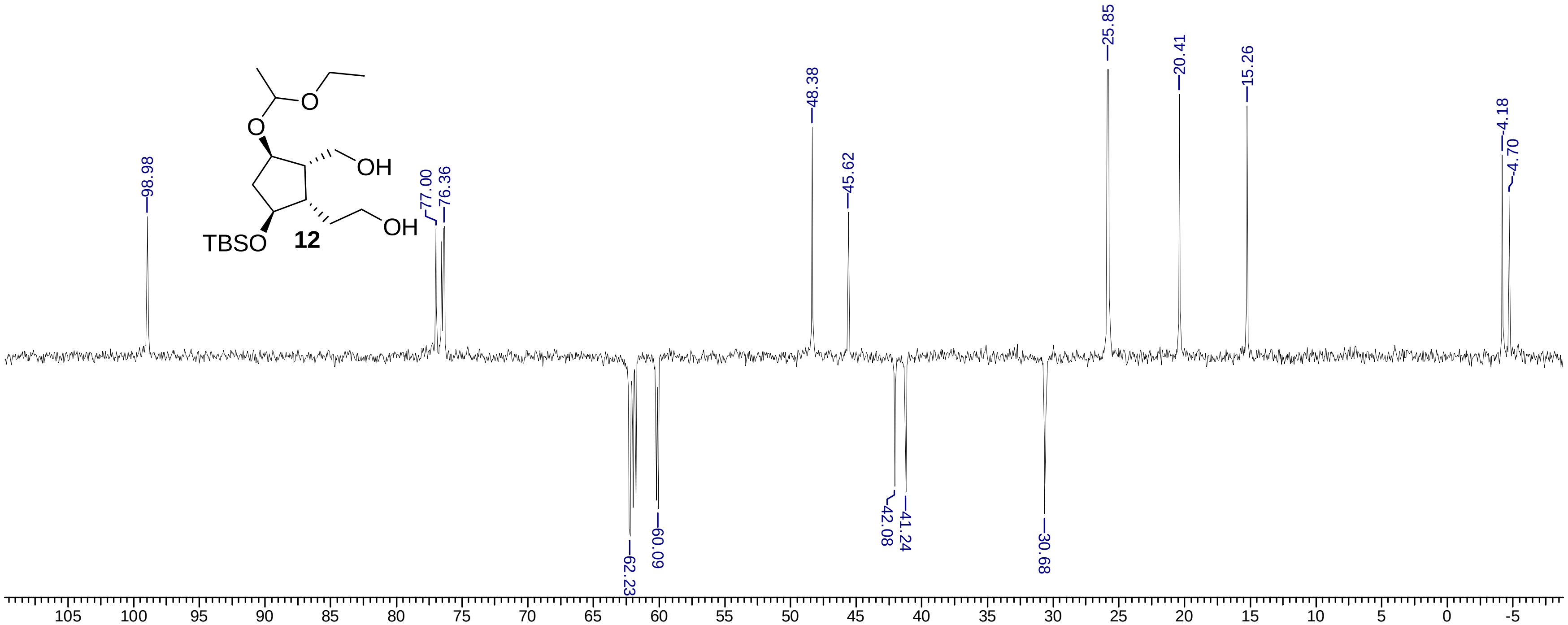


12



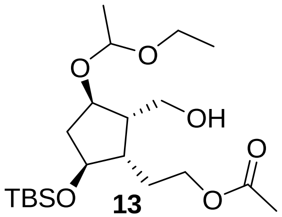
21 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur ozonolyse			***Date***	21/07/2009 09:38:58	***Frequency (MHz)***	75.47
Nucleus	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)***	0.000

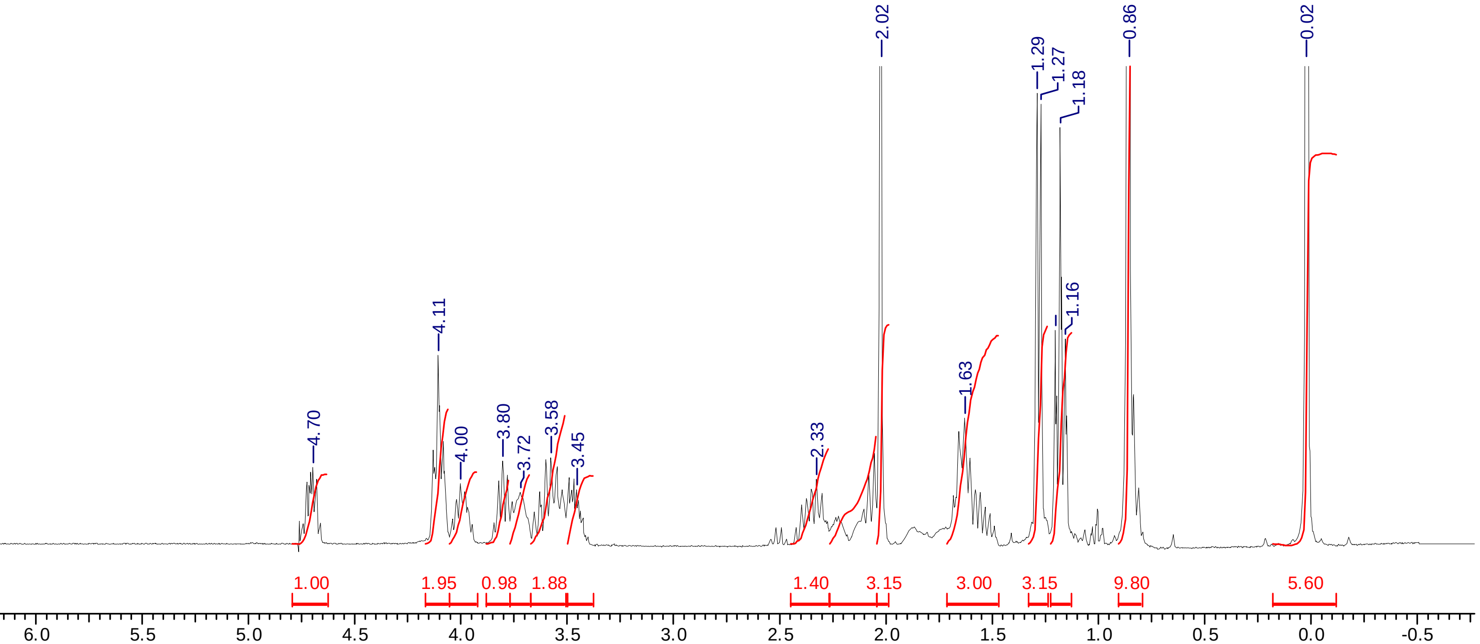


23 Jul 2009

Acquisition Time (sec)	10.3547	***Comment***	1H sur yas1-141 exp 1 enzymes		***Date***	21/07/2009 10:26:28	
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 3164.56
Temperature (grad C)	0.000						

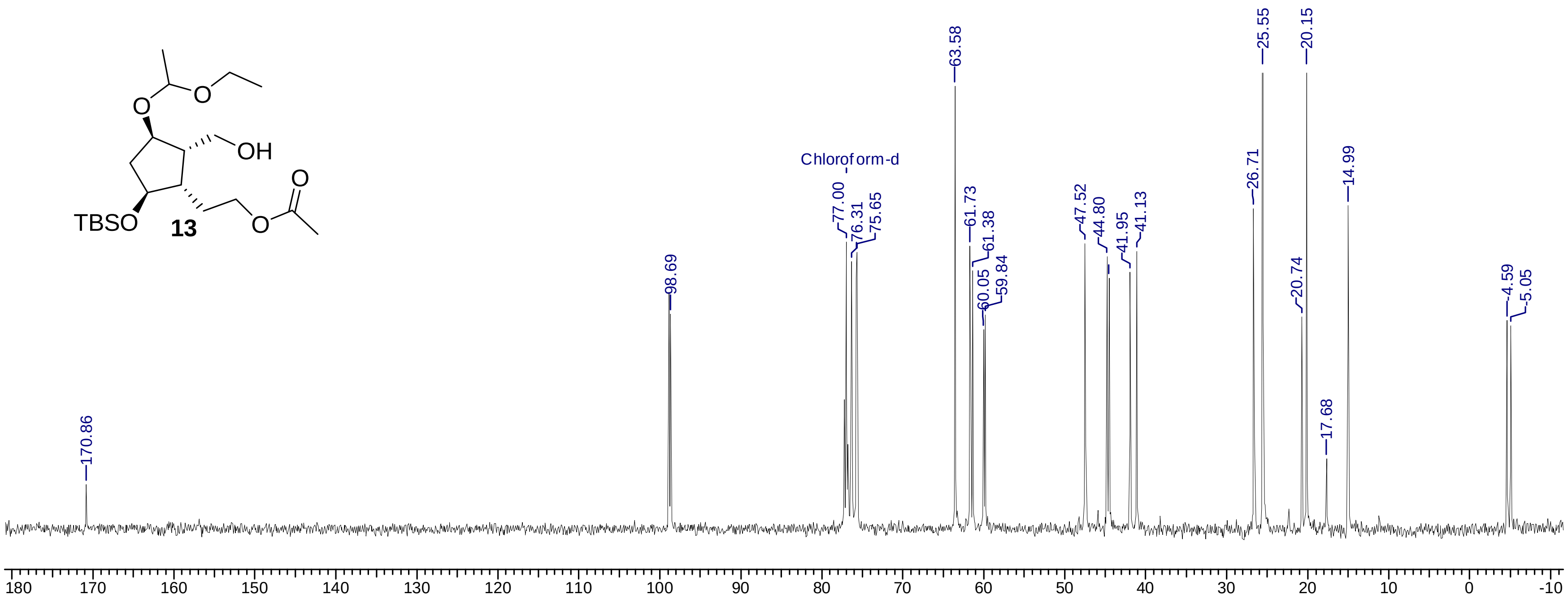


13



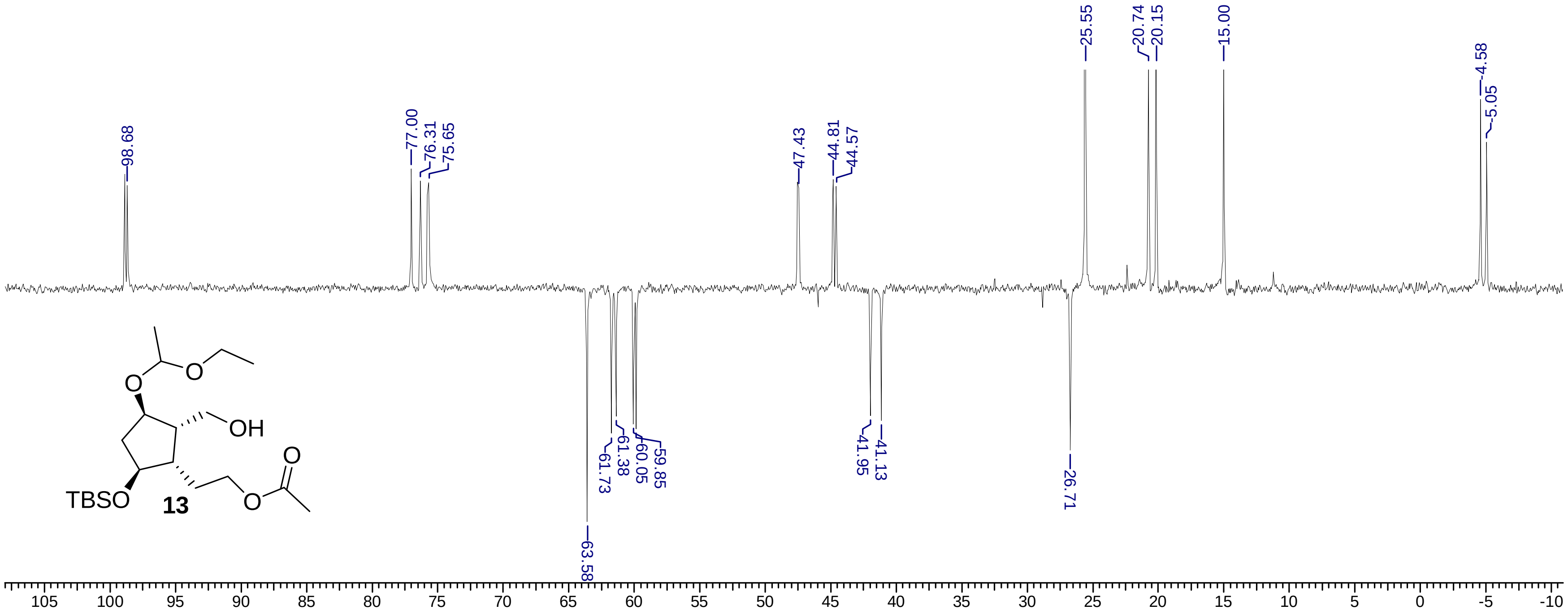
21 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C enzymes	***Date***	21/07/2009 10:26:32	***Frequency (MHz)***	75.47	***Nucleus***	13C
Original Points Count	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)***	0.000		



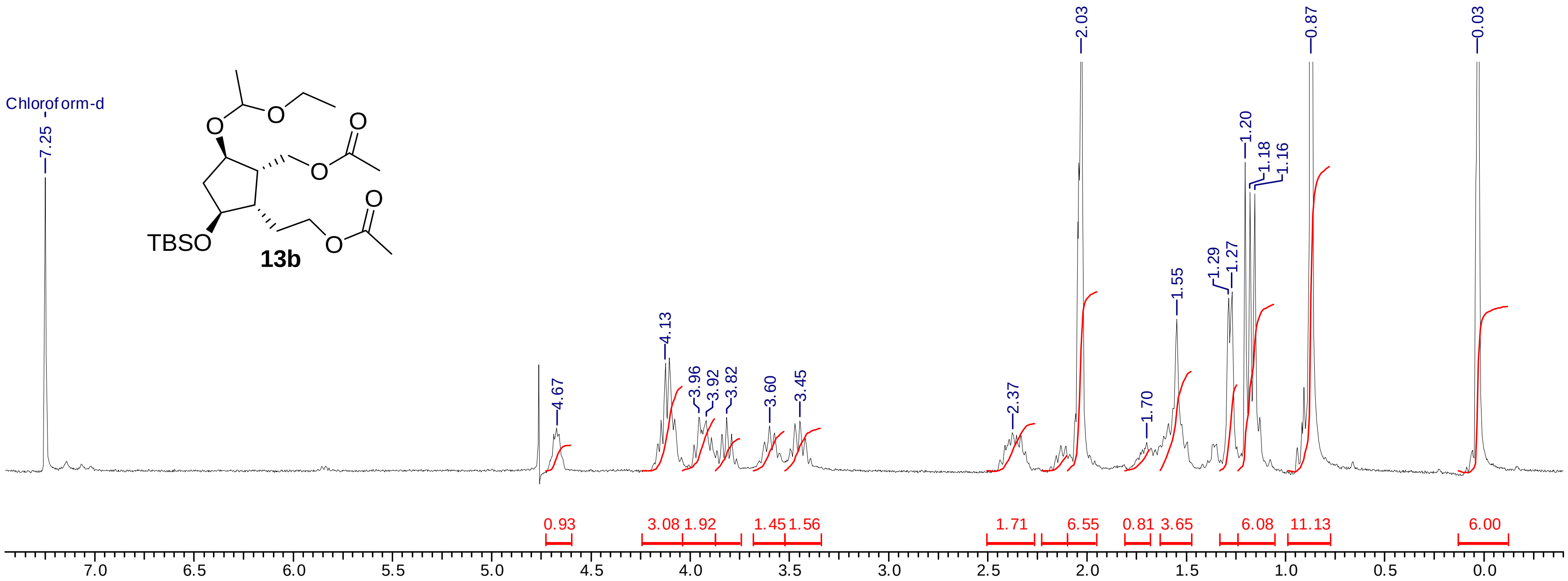
21 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas1-141 exp 3 enzymes		***Date***	21/07/2009 10:26:36	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						



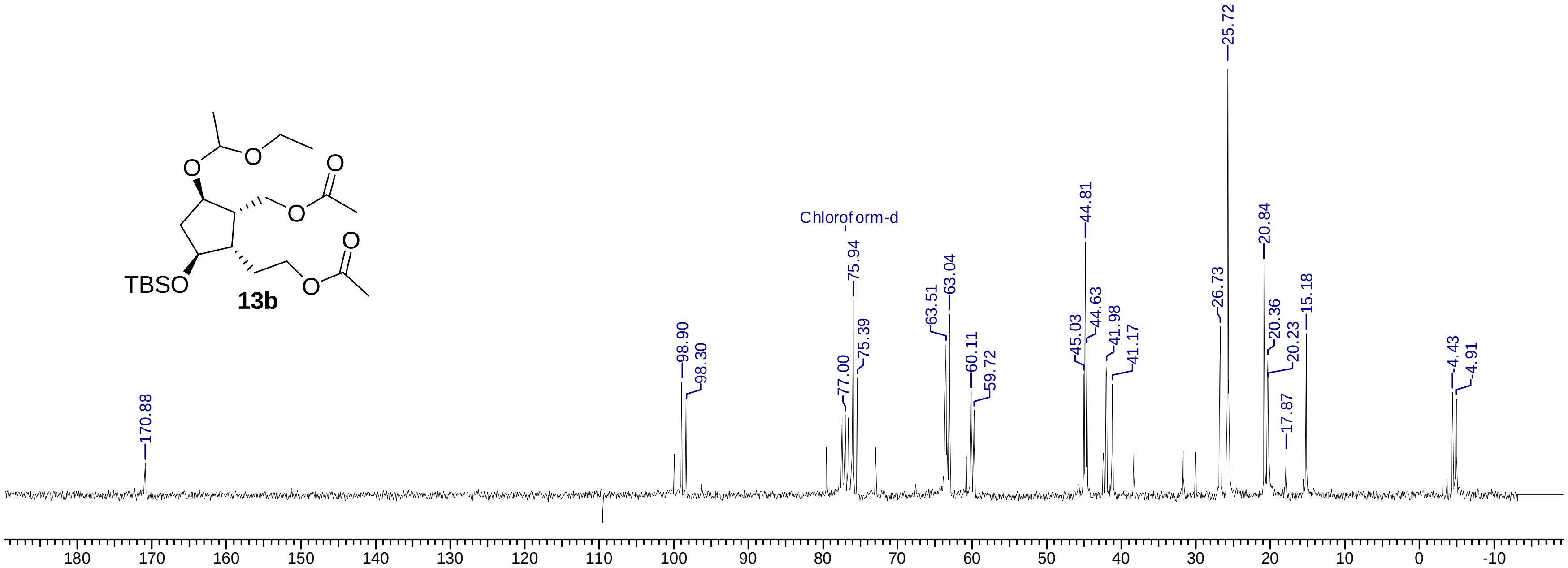
23 Jul 2009

Acquisition Time (sec)	10.3547	Comment	1H sur yas095 1			Date	23/07/2009 16:34:14		
Frequency (MHz)	300.13	Nucleus	1H	Original Points Count	32768	Points Count	32768	Sweep Width (Hz)	3164.56
Temperature (grad C)	0.000								



21 Jul 2009
diacetate

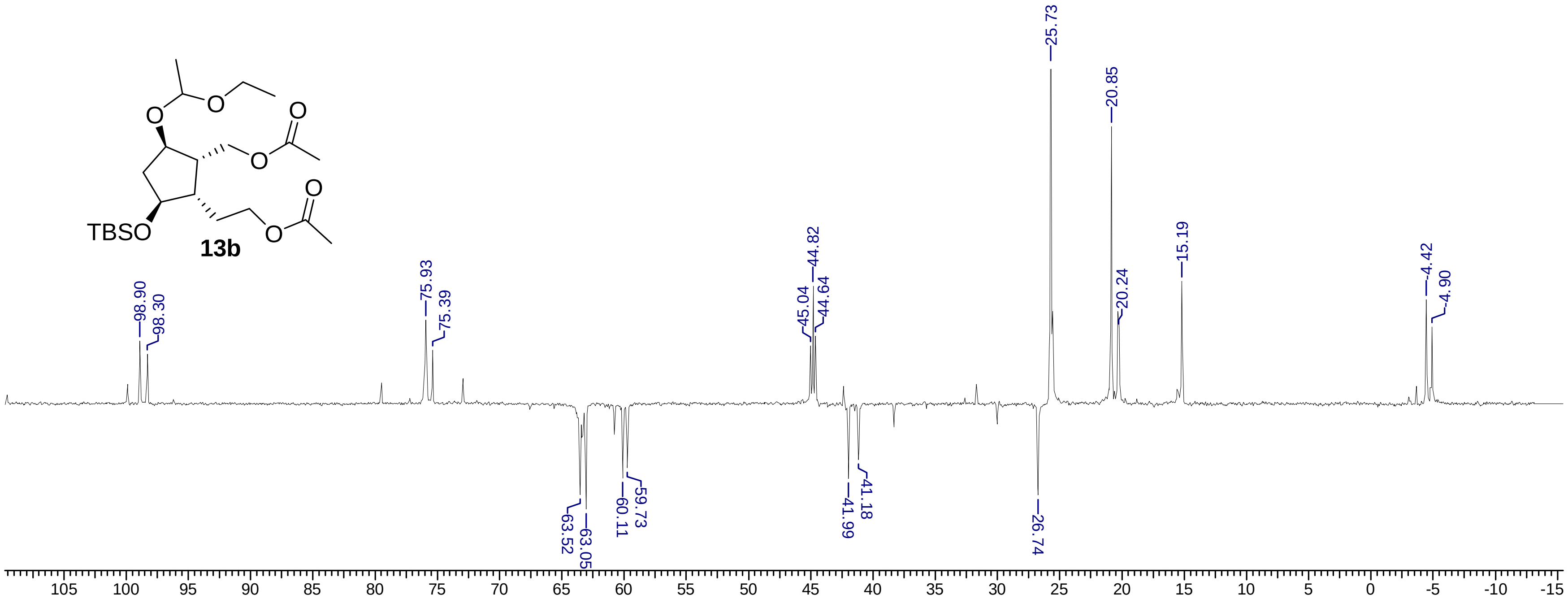
Acquisition Time (sec)	1.7695	Comment	13C sur yas1-040 exp1			Date	21/07/2009 14:15:32		
Frequency (MHz)	75.47	Nucleus	13C	Original Points Count	32768	Points Count	32768	Sweep Width (Hz)	18518.52
Temperature (grad C)	0.000								



13b

21 Jul 2009
diacetate

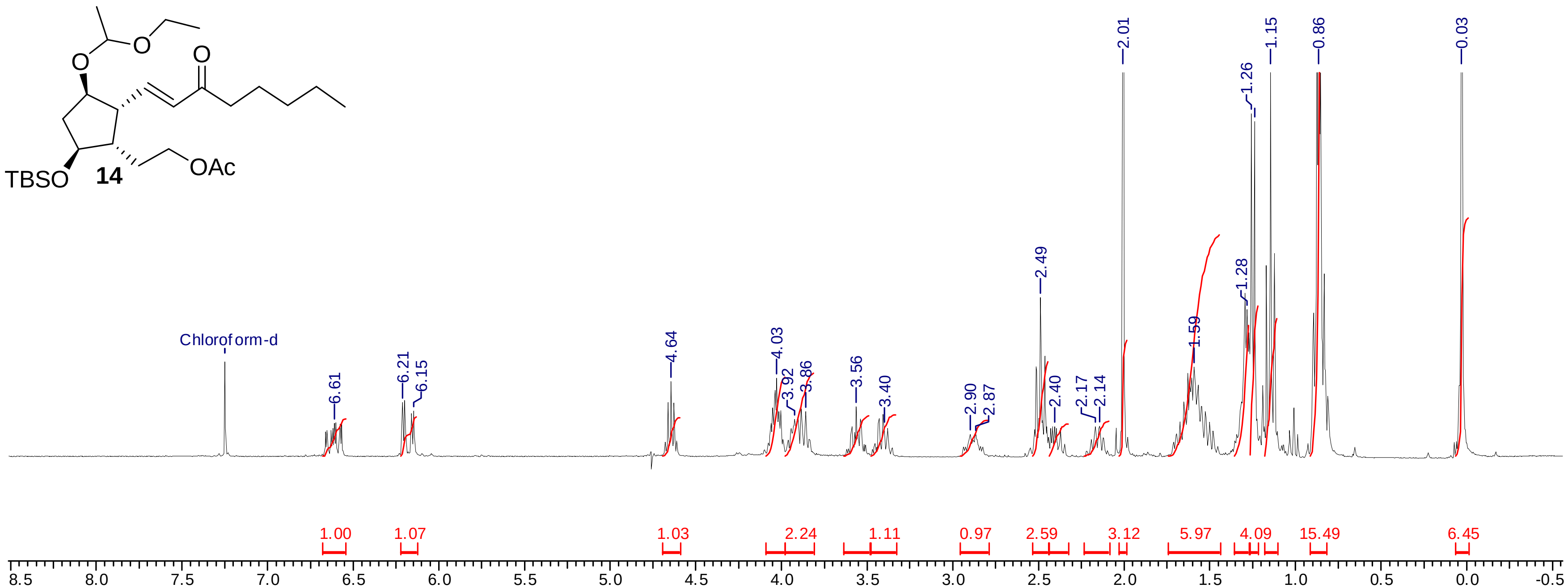
Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas1-40 exp2			***Date***	21/07/2009 14:15:36	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000							



13b

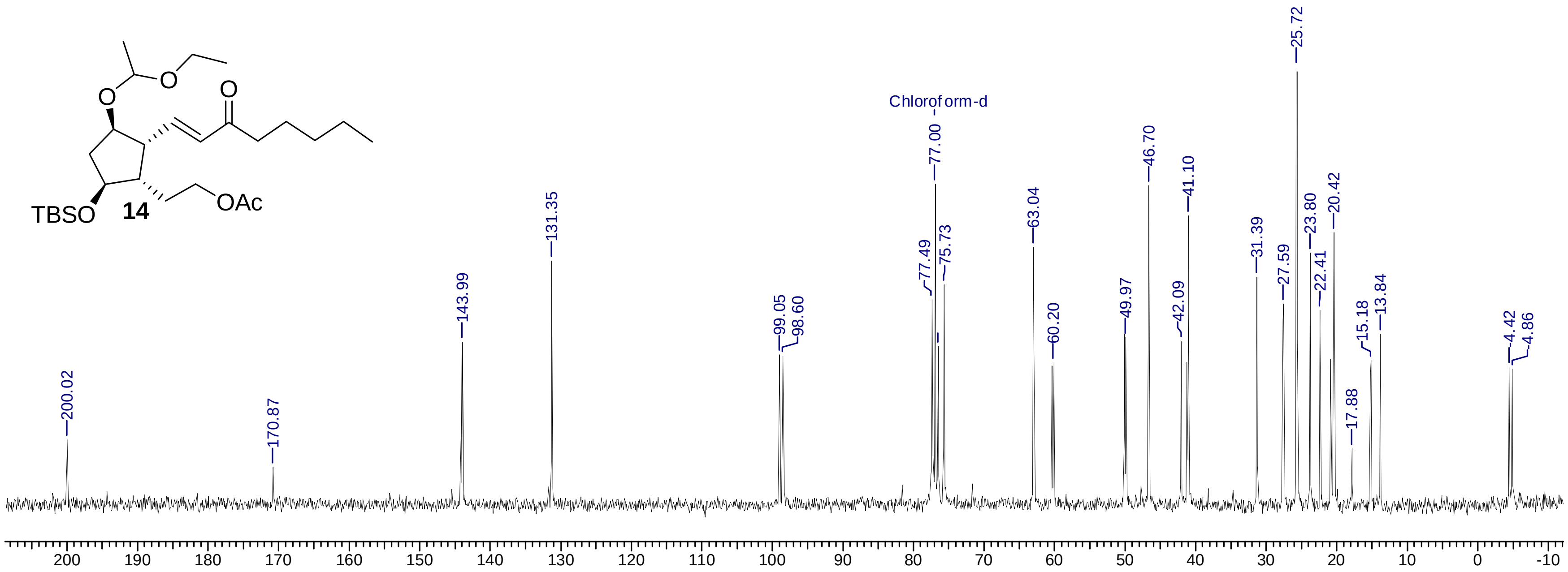
24 Jul 2009

Acquisition Time (sec)	10.3547	***Comment***	yas110 exp2 1H sur		***Date***	23/07/2009 17:23:52	
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 3164.56
Temperature (grad C)	0.000						



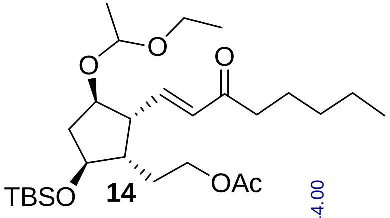
21 Jul 2009
HWE

Acquisition Time (sec)	1.7695	***Comment***	13C sur Yas155 exp 2			***Date***	21/07/2009 14:55:44		
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52
Temperature (grad C)	0.000								

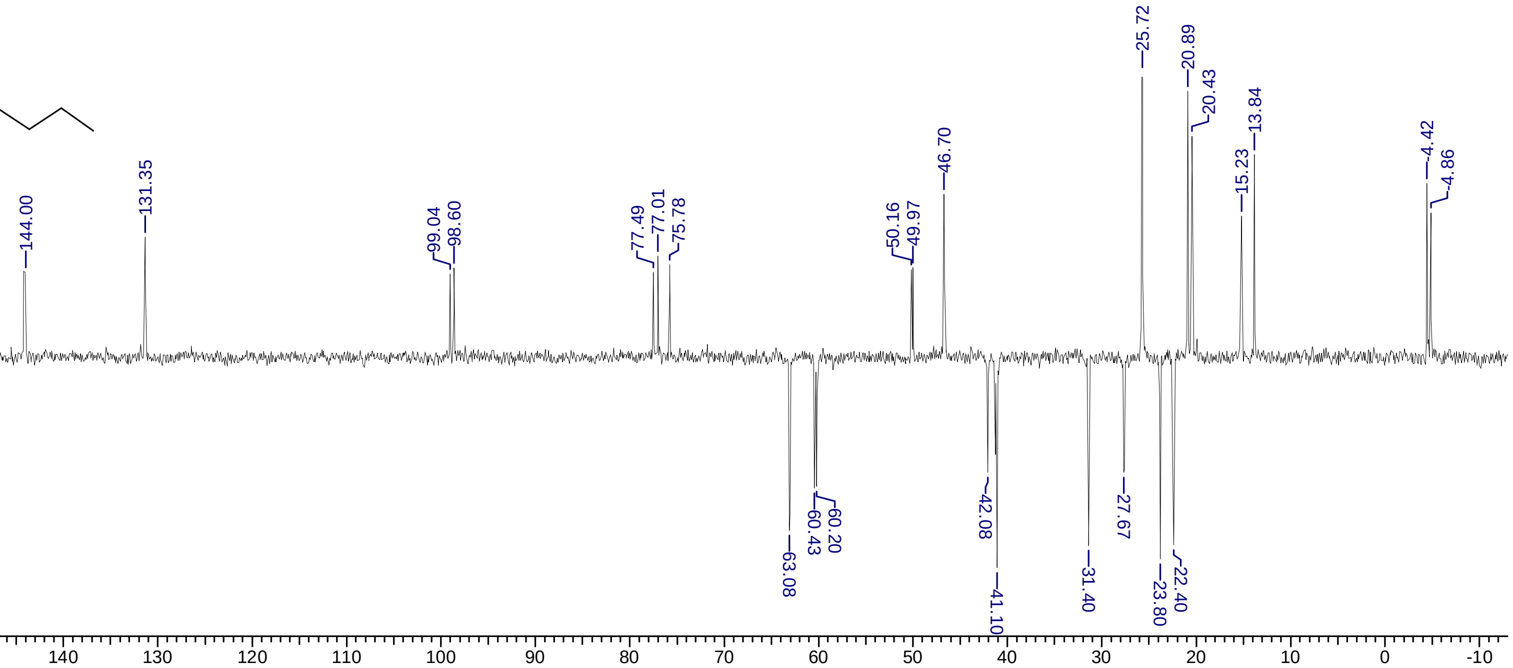


21 Jul 2009
HWE

Temperature (grad C)	0.000						
Acquisition Time (sec)	1.7695	Comment	Dept135 sur Yas155 exp 3	Date	21/07/2009 14:55:48		
Frequency (MHz)	75.47	Nucleus	13C	Original Points Count 32768	Points Count 32768	Sweep Width (Hz)	18518.52

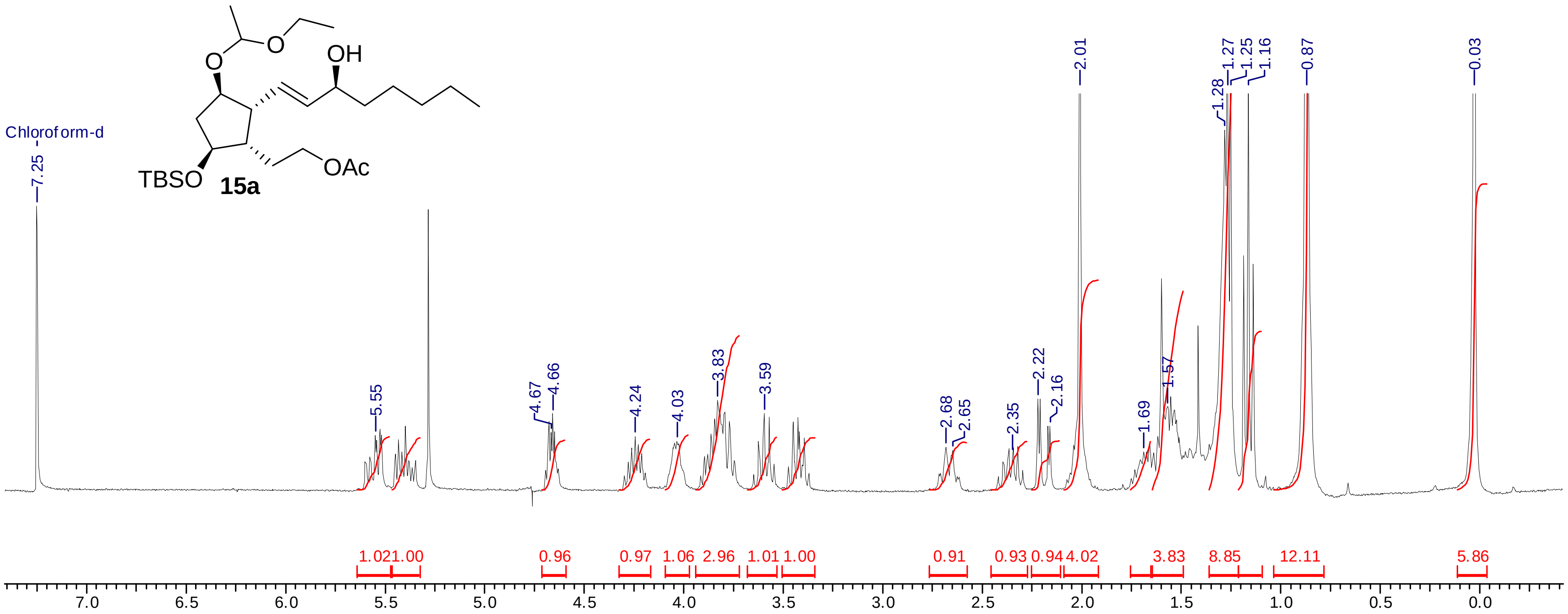


14



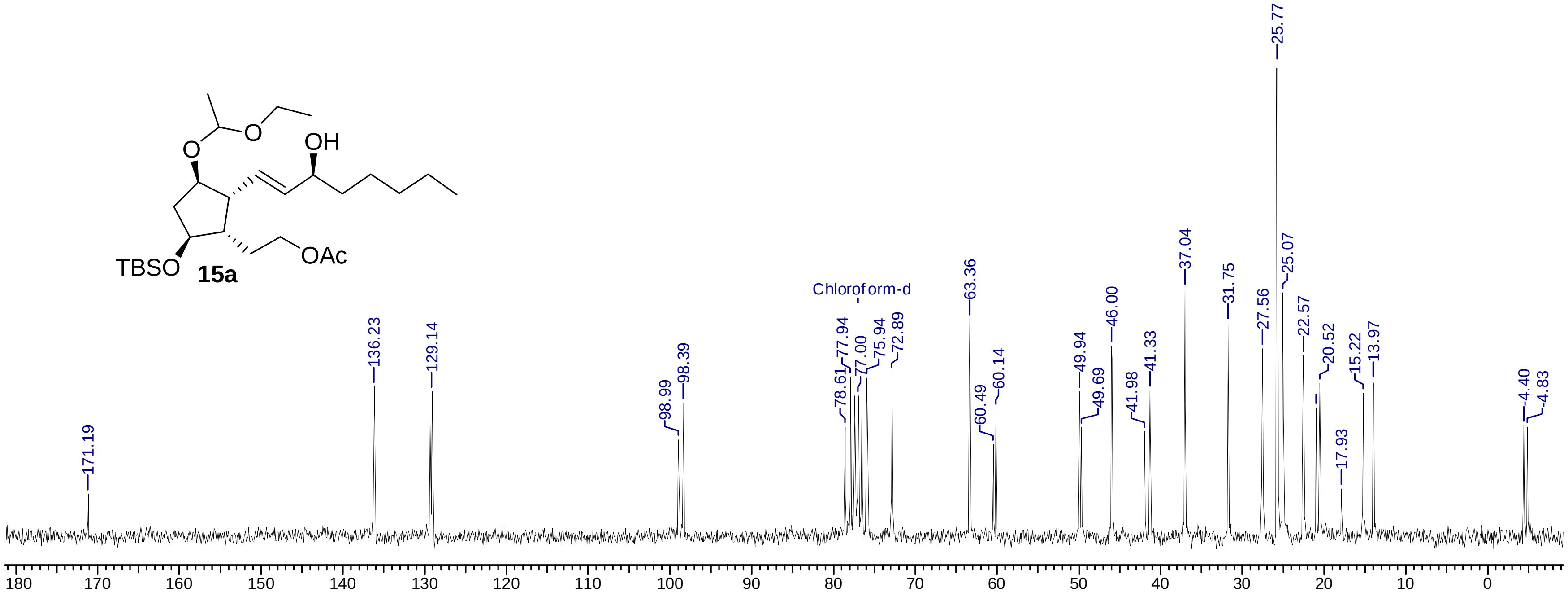
24 Jul 2009

Acquisition Time (sec)	10.3547	**Comment**	1H sur YAS 166 exp 1 HAUT		**Date**	24/07/2009 09:40:38	
Frequency (MHz)	300.13	**Nucleus**	1H	**Original Points Count** 32768	**Points Count**	32768	**Sweep Width (Hz)** 3164.56
Temperature (grad C)	0.000						



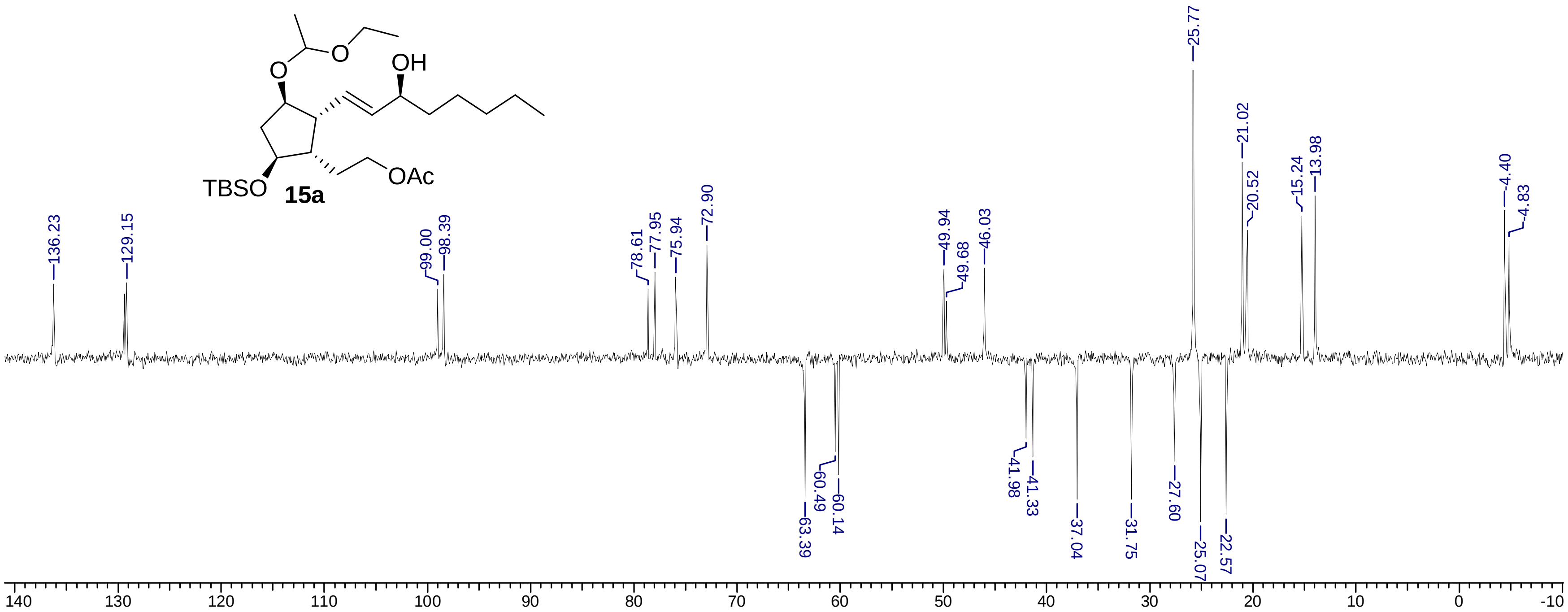
23 Jul 2009

Acquisition Time (sec)	1.7695	Comment	1H sur	Date	23/07/2009 14:34:20	Frequency (MHz)	75.47	Nucleus	13C
Original Points Count	32768	Points Count	32768	Sweep Width (Hz)	18518.52	Temperature (grad C)	0.000		



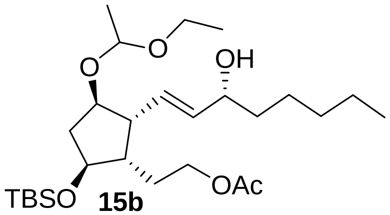
23 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas1-120 exp 6 epimere haut		***Date***	23/07/2009 14:34:28	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						

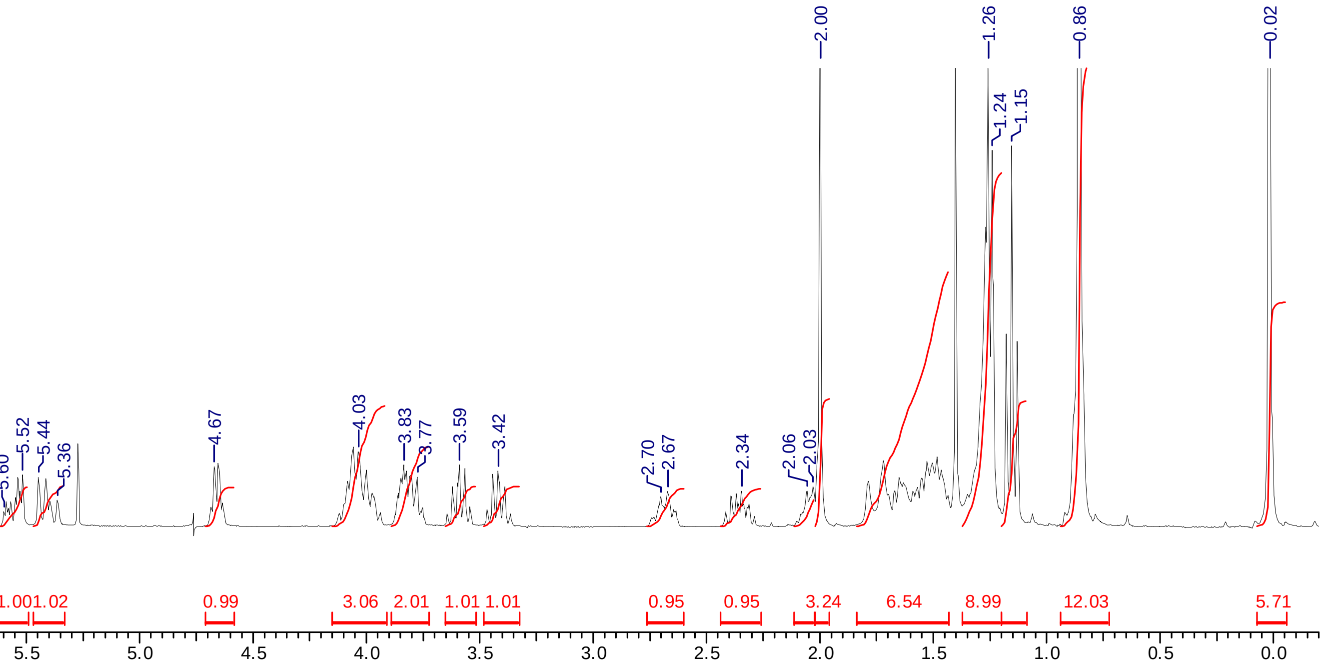


24 Jul 2009

Acquisition Time (sec)	10.3547	Comment	1H sur	Date	23/07/2009 14:34:08			Frequency (MHz)	300.13	Nucleus	1H
Original Points Count	32768	Points Count	32768	Sweep Width (Hz)	3164.56	Temperature (grad C)	0.000				

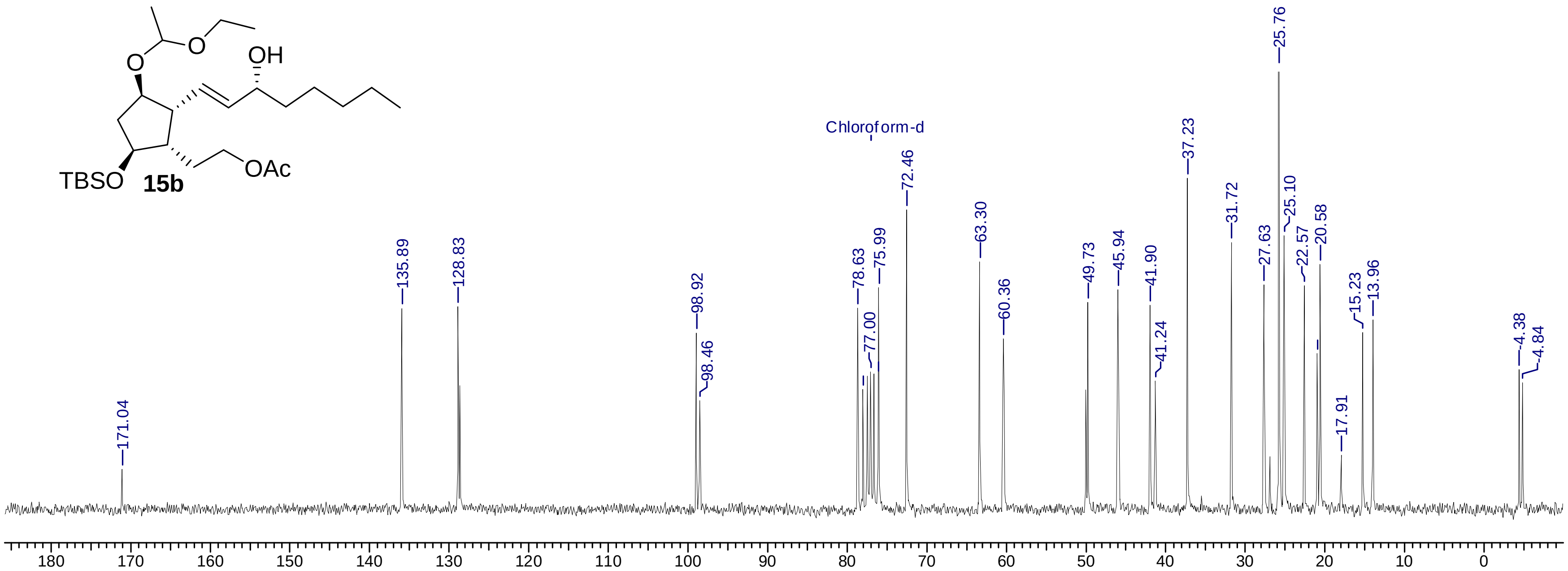


15b



21 Jul 2009
epimere bas

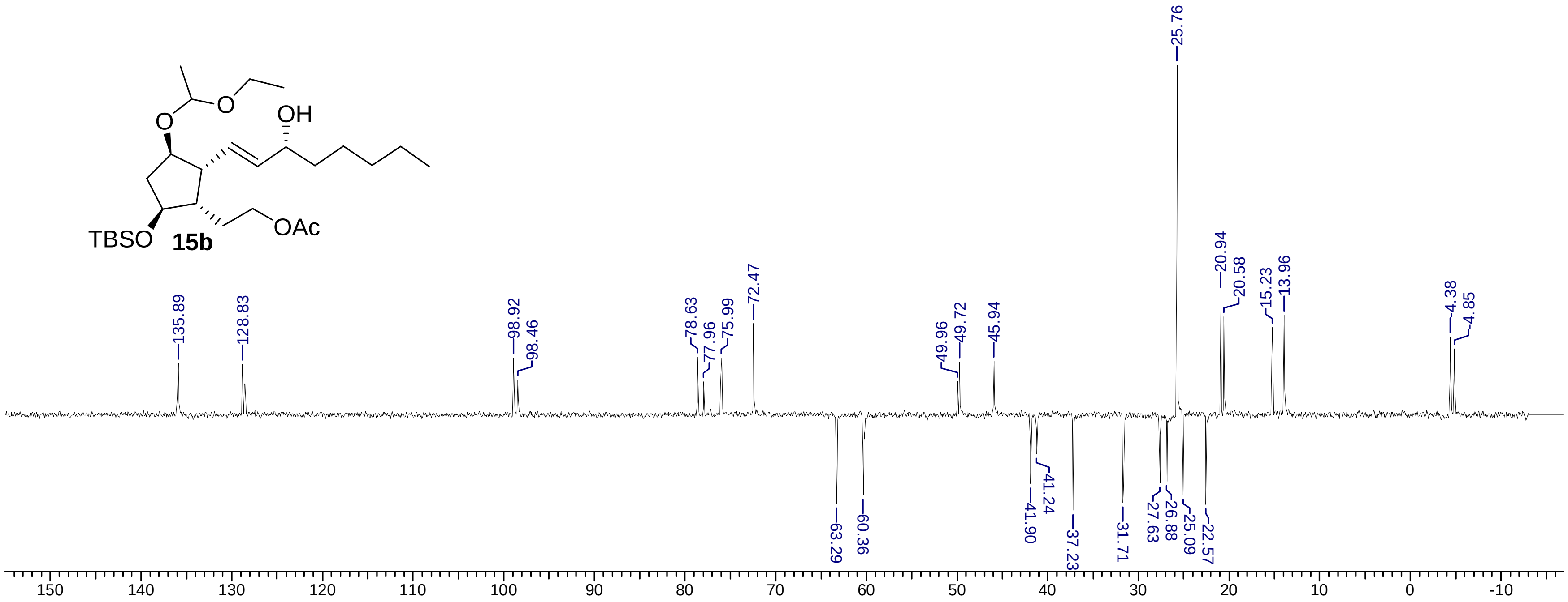
Acquisition Time (sec)	1.7695	***Comment***	13C sur yas1-120 exp2			***Date***	21/07/2009 16:09:44
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768 ***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						



21 Jul 2009
epimere bas

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas1-120 exp3			***Date***	21/07/2009 16:09:48
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768
Temperature (grad C)	0.000						

Sweep Width (Hz) 18518.52

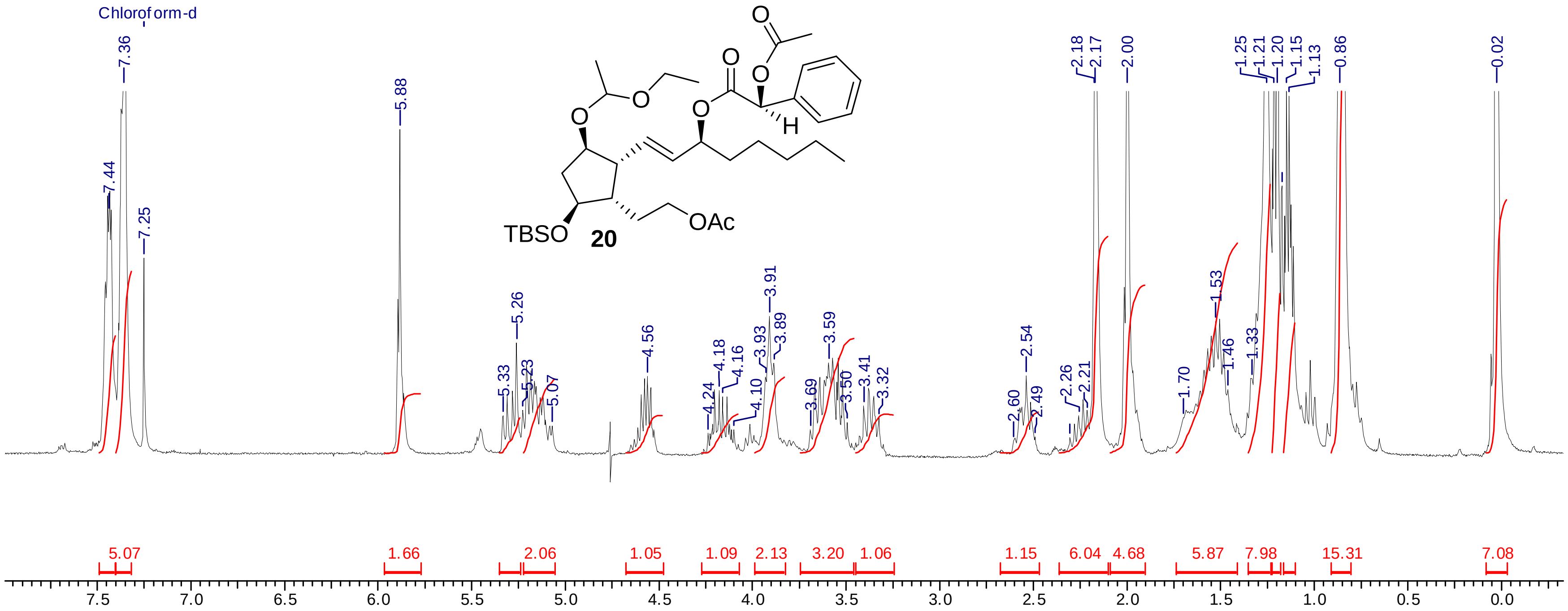


Mandelic esters

20 : 15a and *R*(-)-α-acetoxyphenylacetic acid

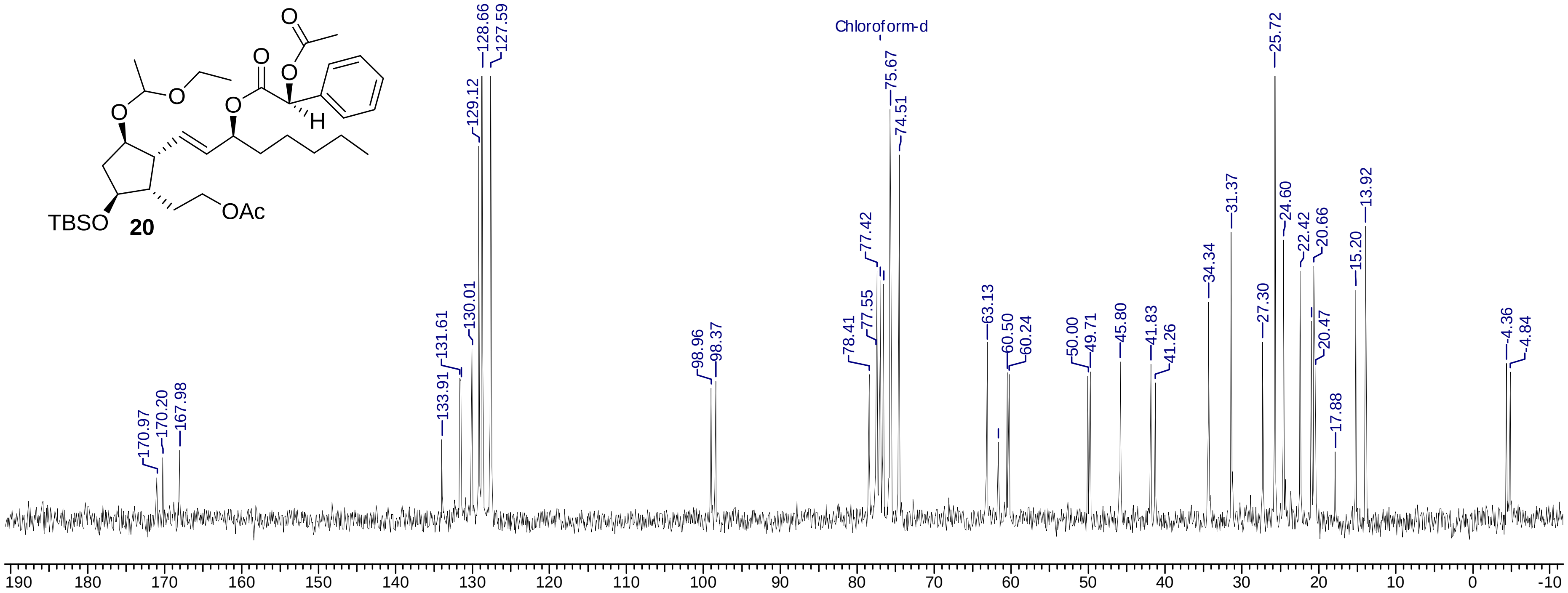
27 Jul 2009

Acquisition Time (sec)	10.3547	Comment	1H sur yas1-117 exp 1 ester mandelique R			Date	15/07/2009 15:25:58		
Frequency (MHz)	300.13	Nucleus	1H	Original Points Count	32768	Points Count	32768	Sweep Width (Hz)	3164.56
Temperature (grad C)	0.000								



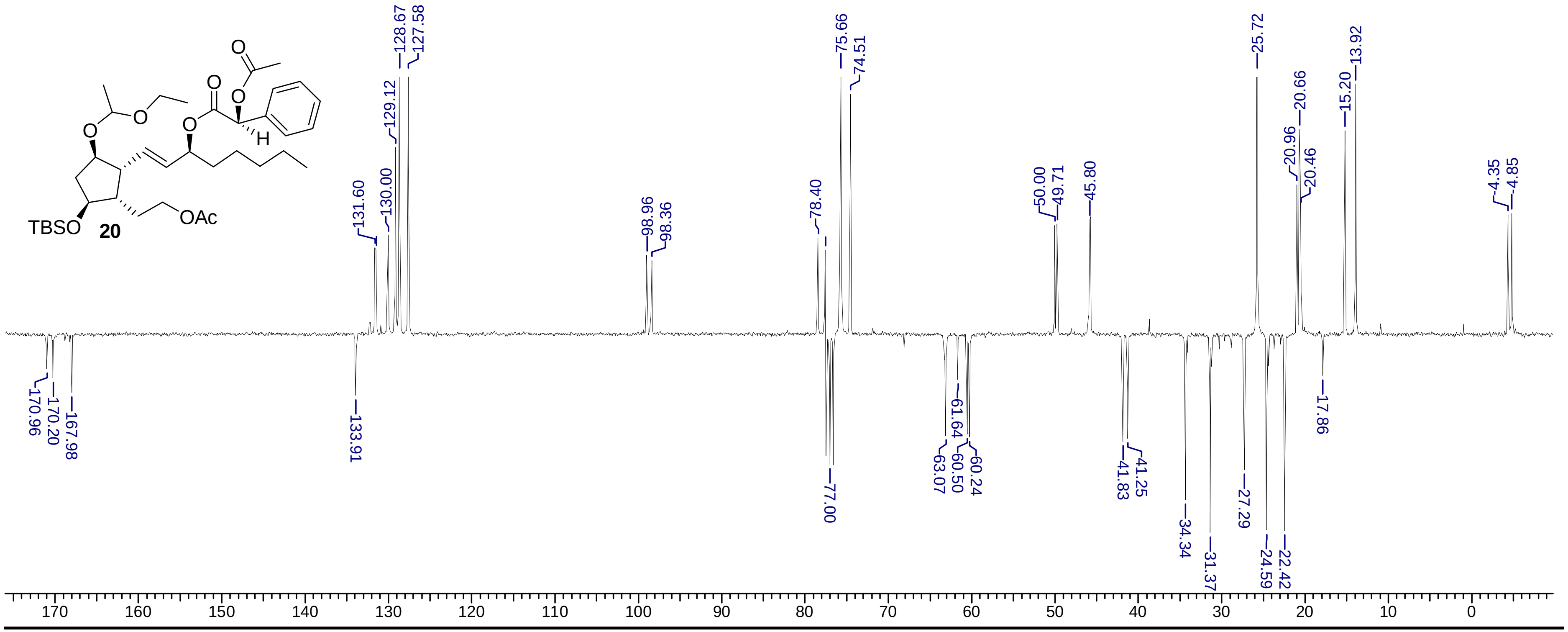
11 Feb 2010

Acquisition Time (sec)	1.7695	***Comment***	13C sur	***Date***	10/02/2010 14:00:06	***Frequency (MHz)***	75.47	***Nucleus***	13C
Original Points Count	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)***	0.000		



11 Feb 2010

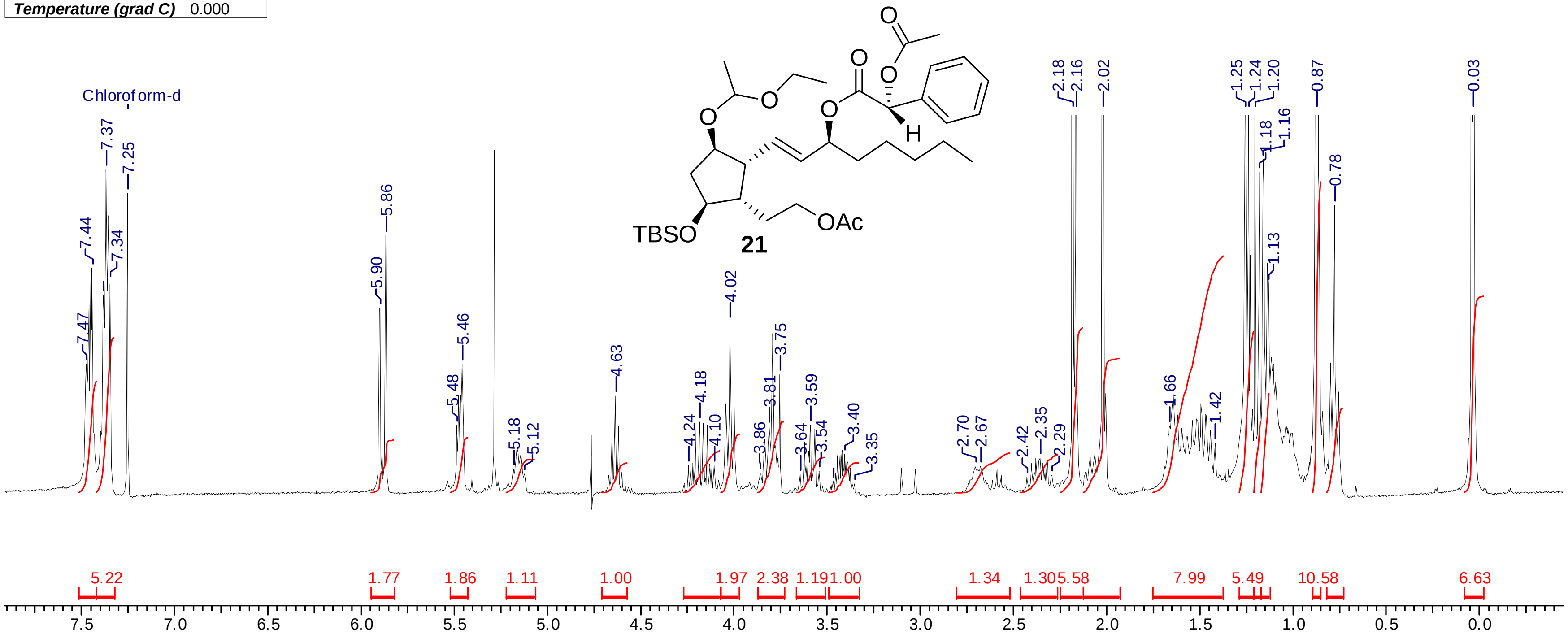
Acquisition Time (sec)	1.7695	***Comment***	Jmod sur		***Date***	10/02/2010 14:00:12	***Frequency (MHz)*** 75.47
Nucleus	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)*** 0.000



<u>21:</u> 15a and *S*(+)-α-acetoxyphenylacetic acid

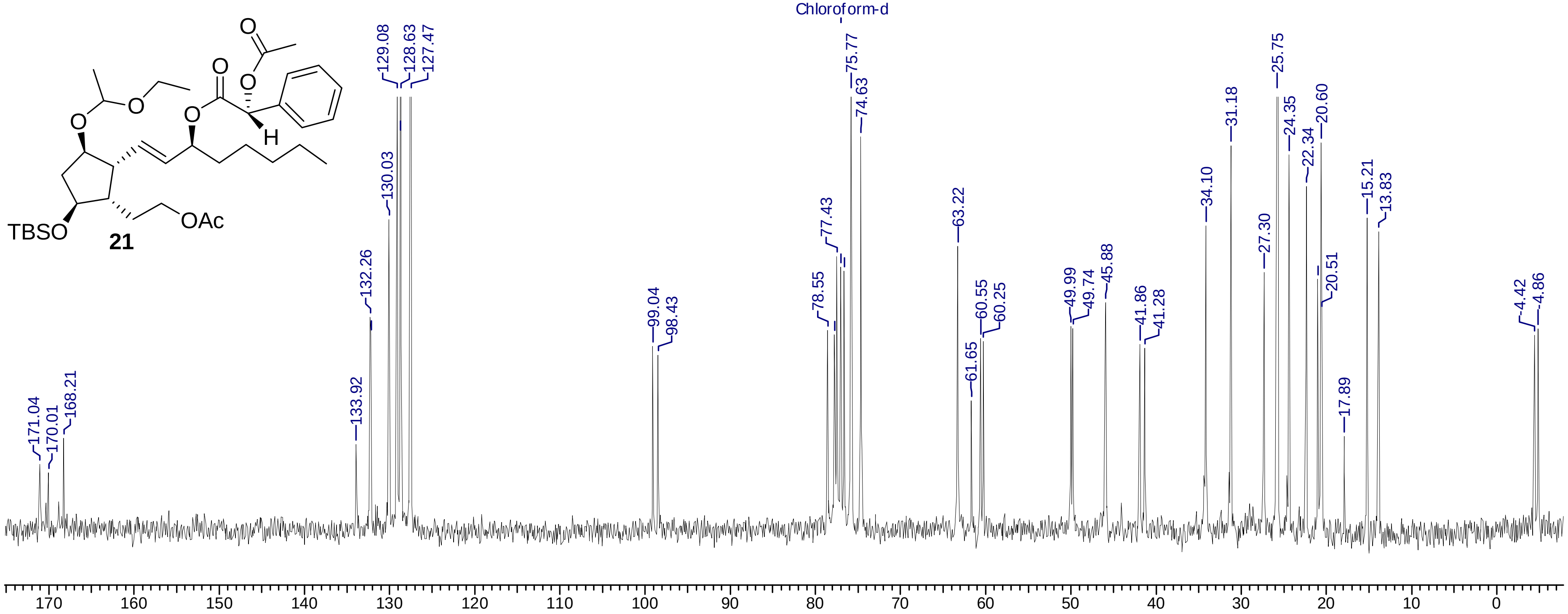
27 Jul 2009

Acquisition Time (sec)	10.3547	*Comment*	1H sur yas1-118			*Date*	15/07/2009 15:26:34		
Frequency (MHz)	300.13	*Nucleus*	1H	*Original Points Count*	32768	*Points Count*	32768	*Sweep Width (Hz)*	3164.56
Temperature (grad C)	0.000								



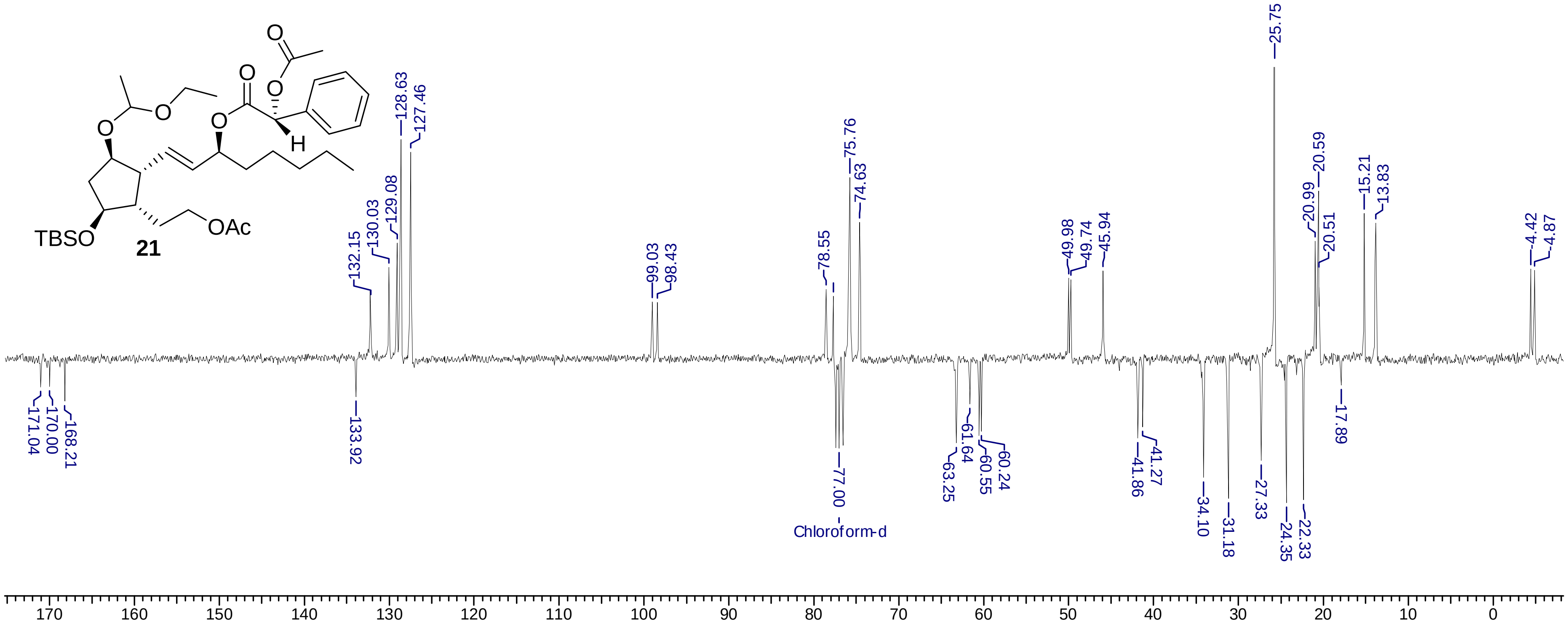
11 Feb 2010

Acquisition Time (sec)	1.7695	***Comment***	13C sur	***Date***	09/02/2010 16:07:00	***Frequency (MHz)***	75.47	***Nucleus***	13C
Original Points Count	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)***	0.000		



11 Feb 2010

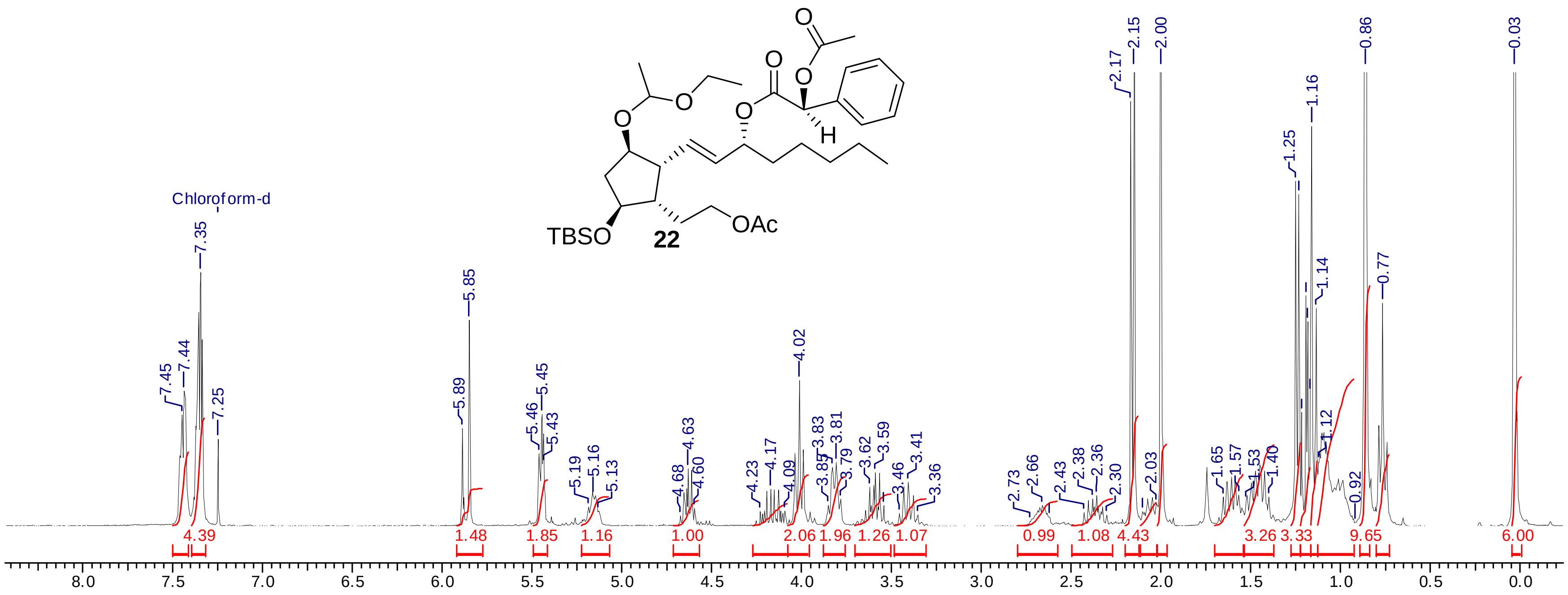
Acquisition Time (sec)	1.7695	***Comment***	Jmod sur		***Date***	09/02/2010 16:07:00	***Frequency (MHz)***	75.47
Nucleus	13C	***Original Points Count***	32768	***Points Count*** 32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)***	0.000



<u>22</u> : 15b and *R*(-)-α-acetoxyphenylacetic acid

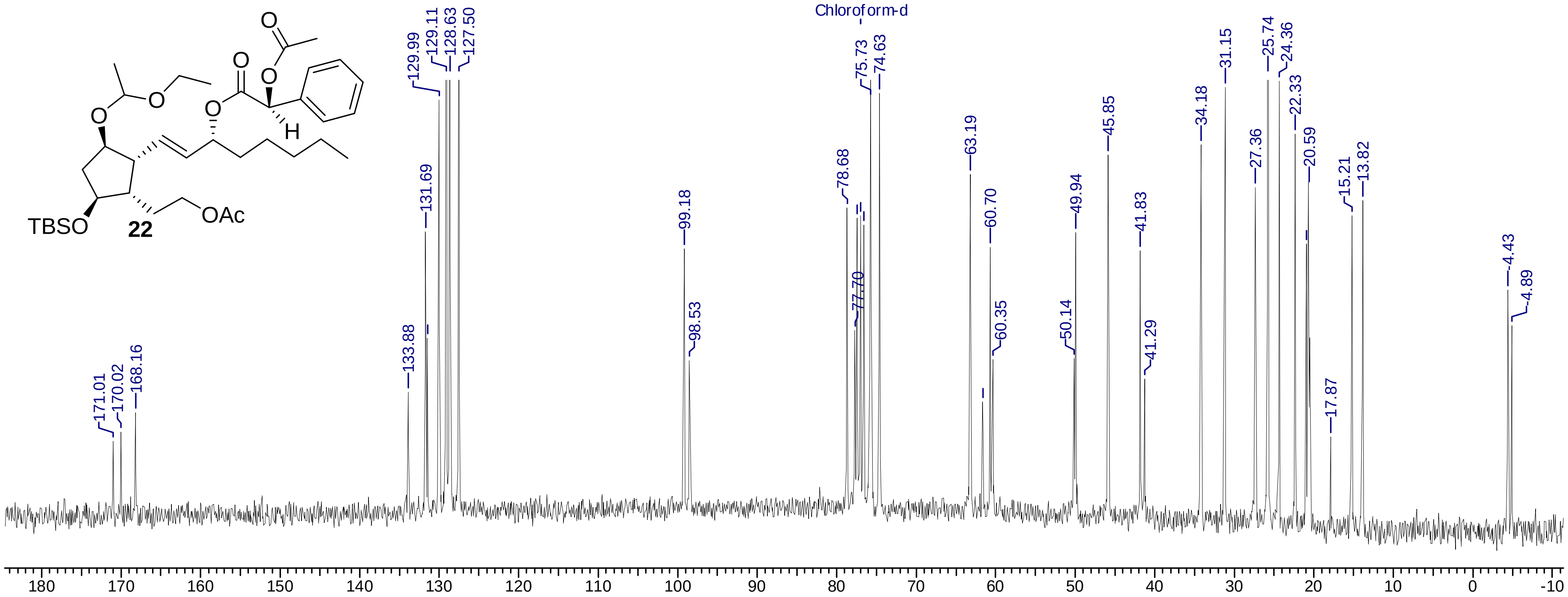
27 Jul 2009

Acquisition Time (sec)	10.3547	***Comment***	1H sur yas1-*124 exp 1 ester mandelique epimere bas R		***Date***	15/07/2009 15:34:54	
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 3164.56
Temperature (grad C)	0.000						



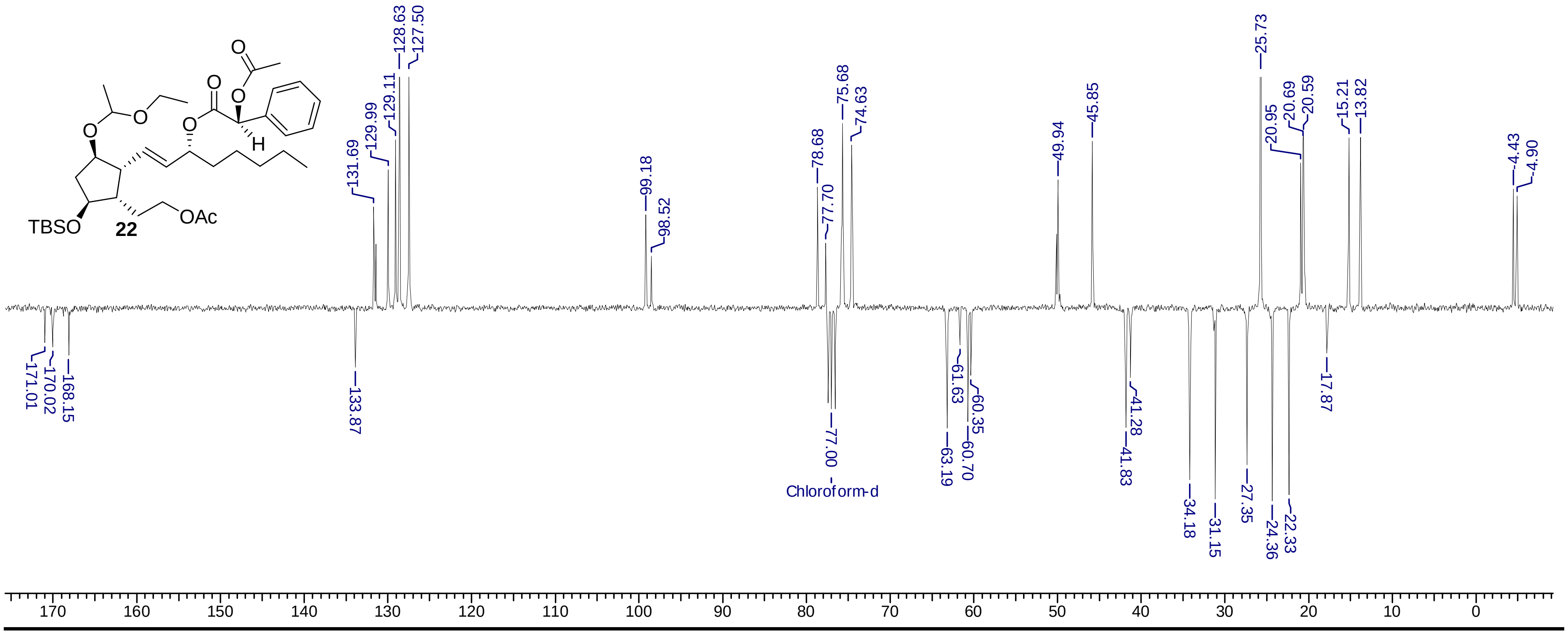
11 Feb 2010

Acquisition Time (sec)	1.7695	***Comment***	13C sur	***Date***	10/02/2010 14:00:26	***Frequency (MHz)***	75.47	***Nucleus***	13C
Original Points Count	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)***	0.000		



11 Feb 2010

Acquisition Time (sec)	1.7695	***Comment***	Jmod sur	***Date***	11/02/2010 12:42:26	***Frequency (MHz)***	75.47
Nucleus	13C	***Original Points Count***	32768 ***Points Count*** 32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)***	0.000

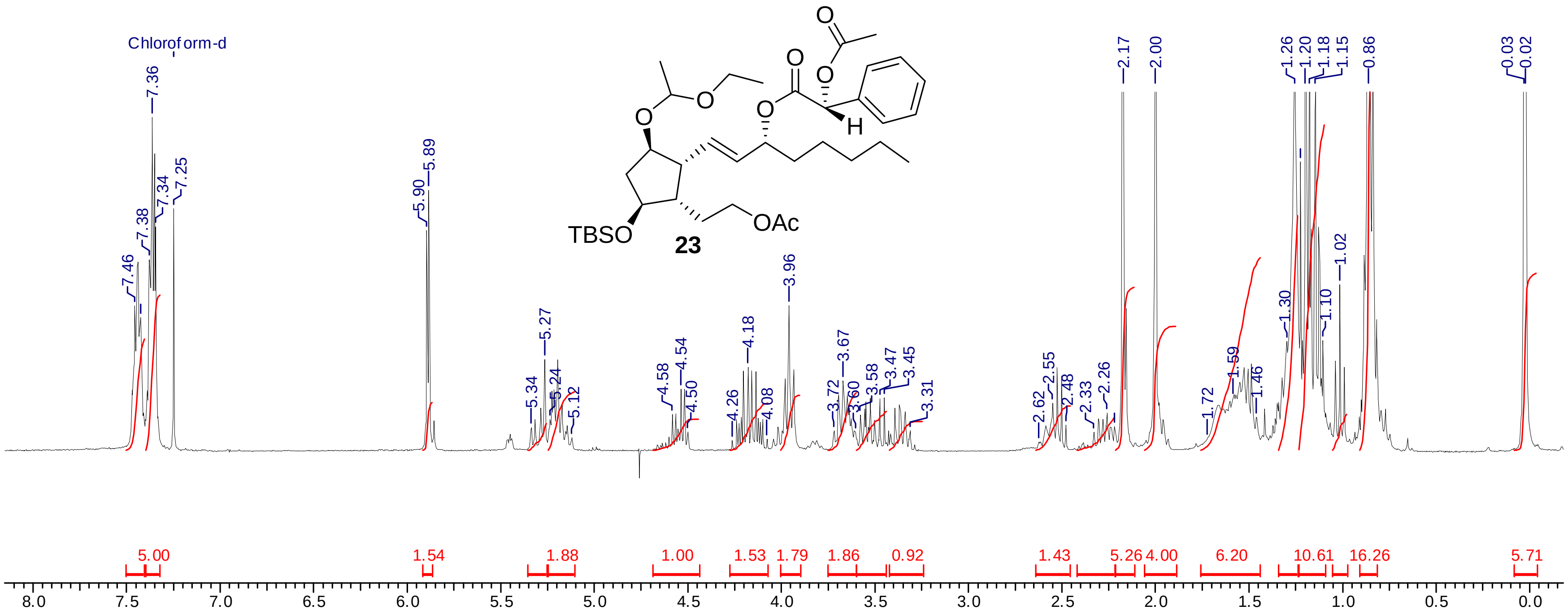


<u>23</u> : 15b and *S*(+)-α-acetoxyphenylacetic acid

27 Jul 2009

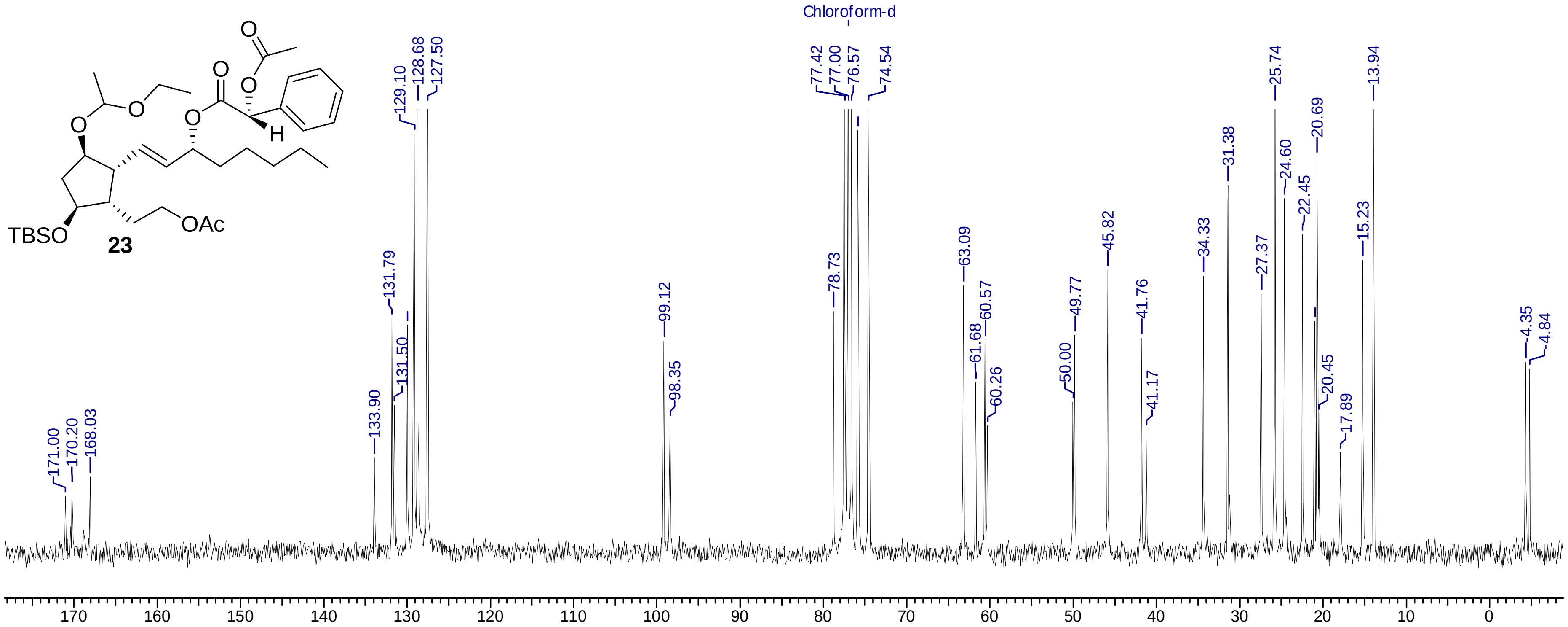
Acquisition Time (sec)	10.3547	***Comment***	1H sur yas 1-125 epimere bas ester mandelique S			***Date***	15/07/2009 15:27:22
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count***	32768	***Points Count***	32768
Temperature (grad C)	0.000						

Sweep Width (Hz) 3164.56



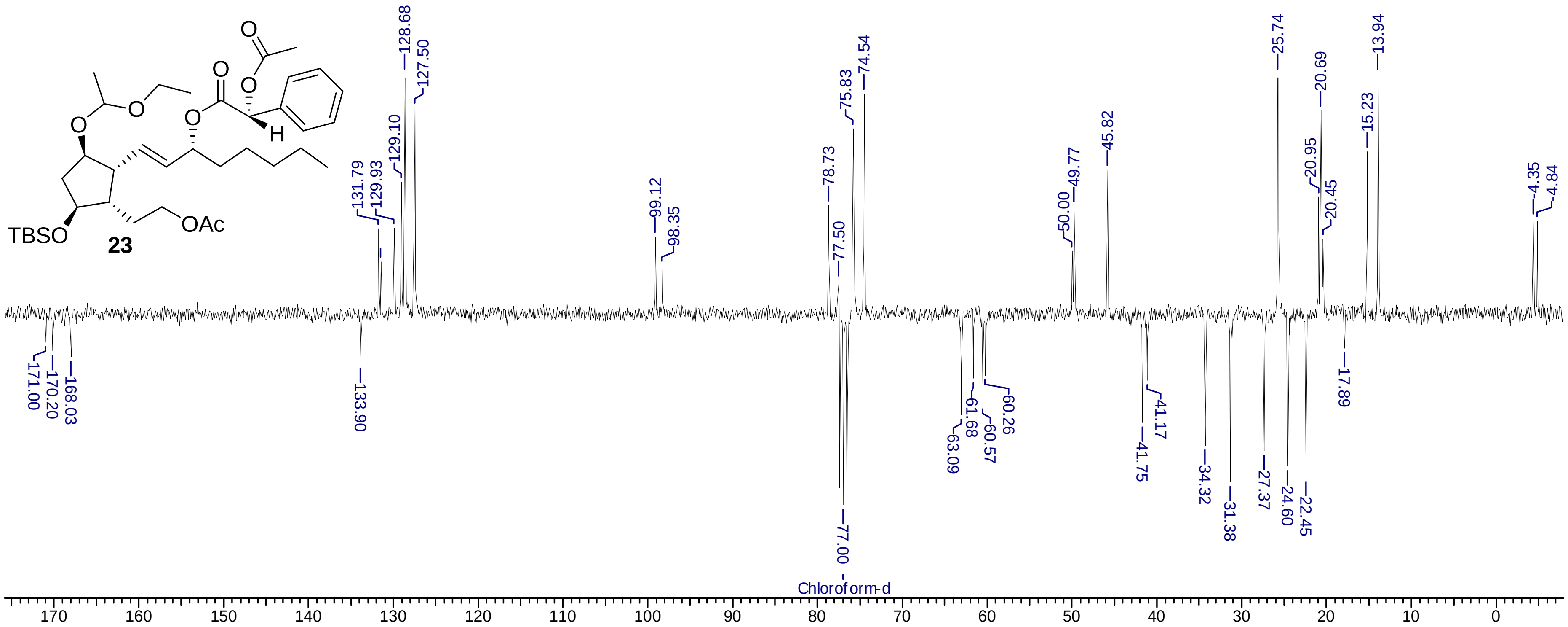
11 Feb 2010

Acquisition Time (sec)	1.7695	**Comment**	13C sur	**Date**	09/02/2010 16:07:00	**Frequency (MHz)**	75.47	**Nucleus**	13C
Original Points Count	32768	**Points Count**	32768	**Sweep Width (Hz)**	18518.52	**Temperature (grad C)**	0.000		



11 Feb 2010

Acquisition Time (sec)	1.7695	***Comment***	Jmod sur		***Date***	09/02/2010 16:07:00	***Frequency (MHz)*** 75.47
Nucleus	13C	***Original Points Count***	32768	***Points Count*** 32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)*** 0.000

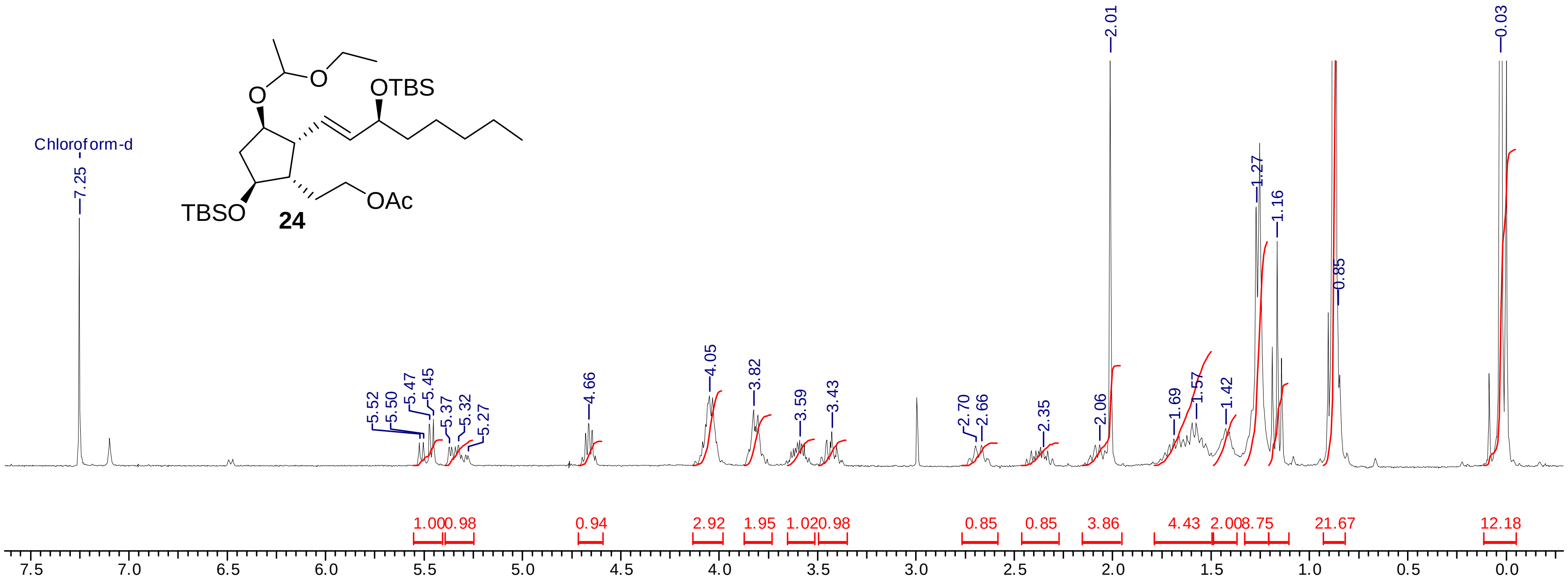


Total synthesis of (-)-(9*S*, 15*S*)-15-D_{2t}-Isoprostane 1:

29 Sep 2009

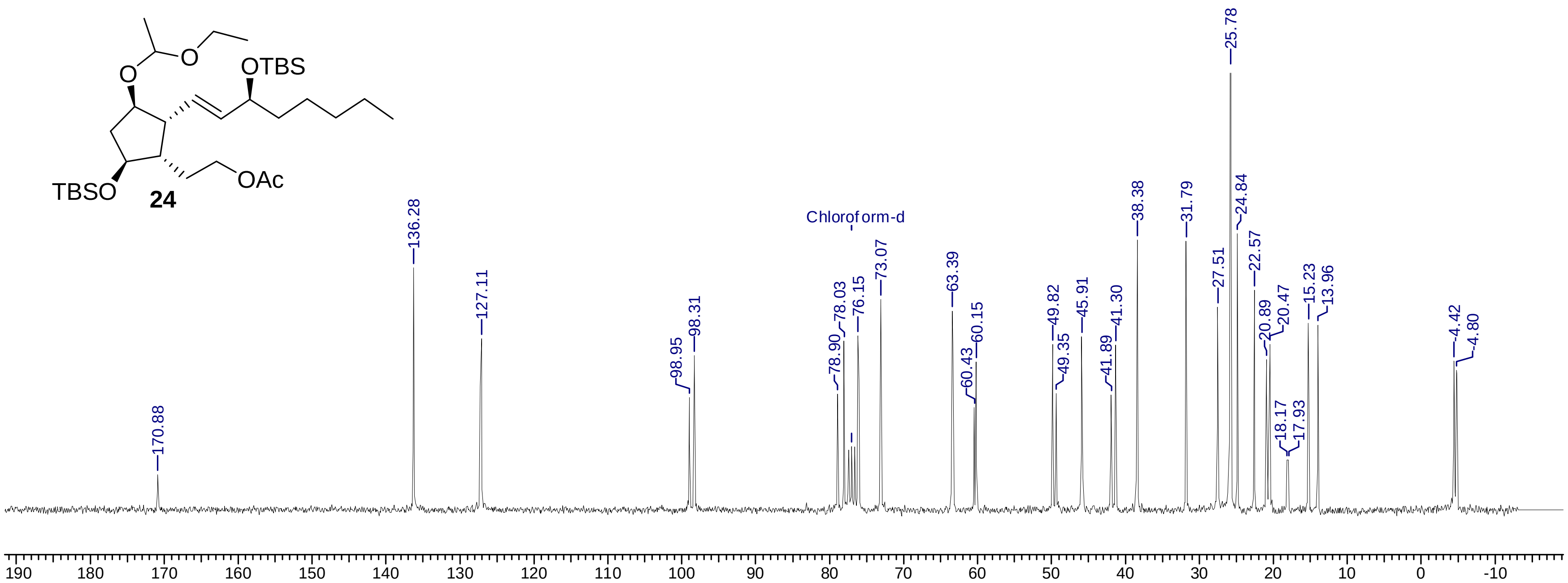
Acquisition Time (sec)	10.3547	***Comment***	1H sur yas1-128 exp 1 epimere haut protege par TBDMS			***Date***	24/07/2009 14:42:34
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count***	32768	***Points Count***	32768
Temperature (grad C)	0.000						

Sweep Width (Hz) 3164.56



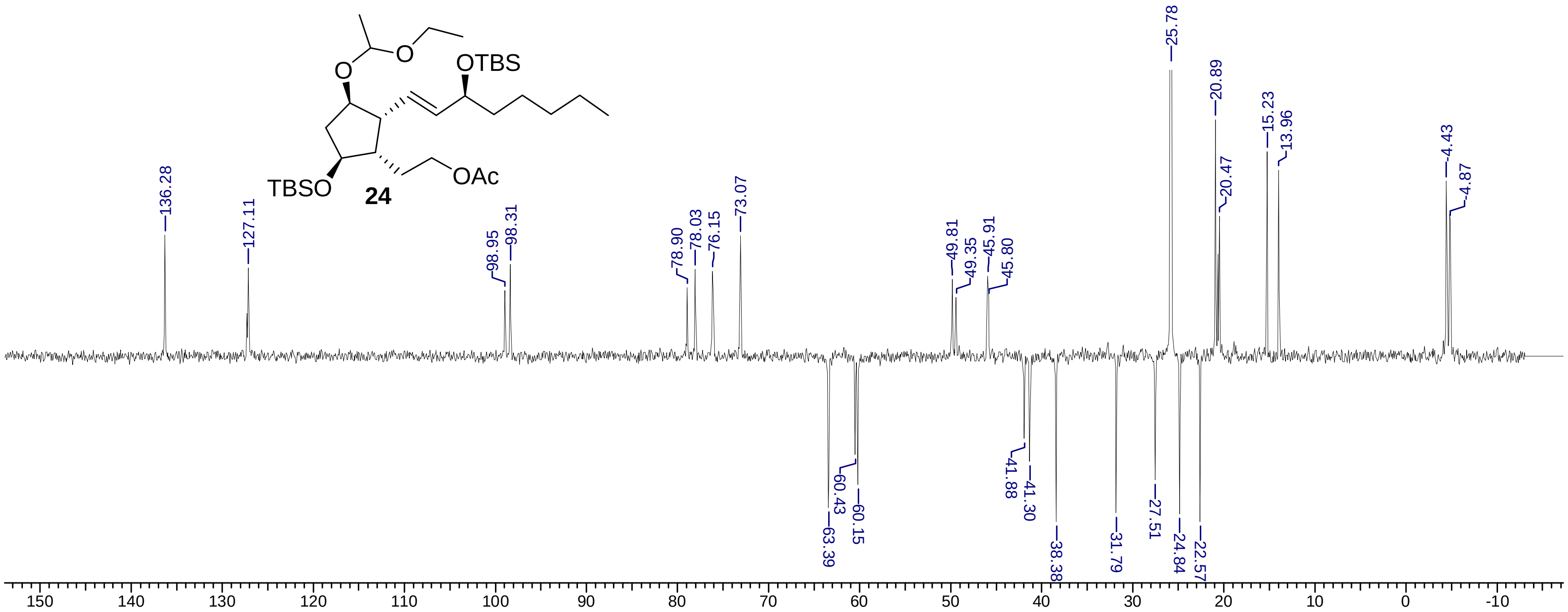
22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur Yas168 exp 2 haut TBDS		***Date***	21/07/2009 17:46:04		
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52
Temperature (grad C)	0.000							



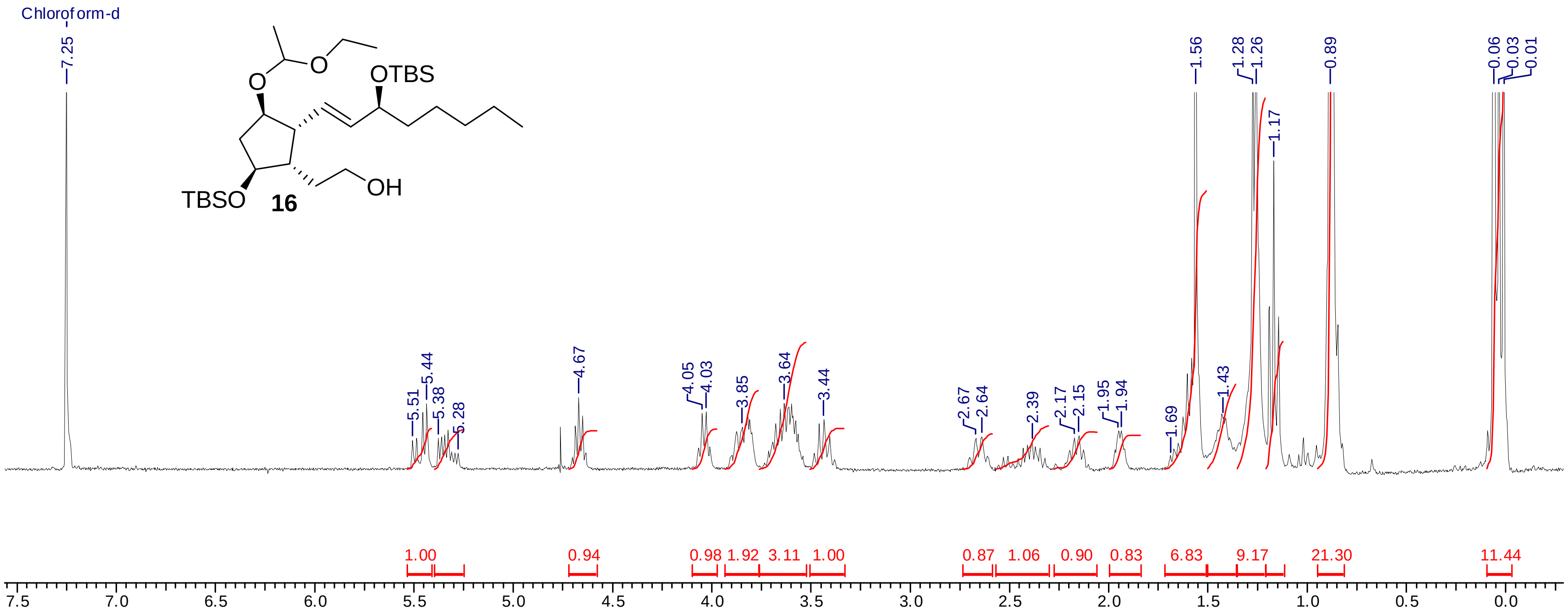
22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur Yas 168 exp 3		***Date***	21/07/2009 17:46:08	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						



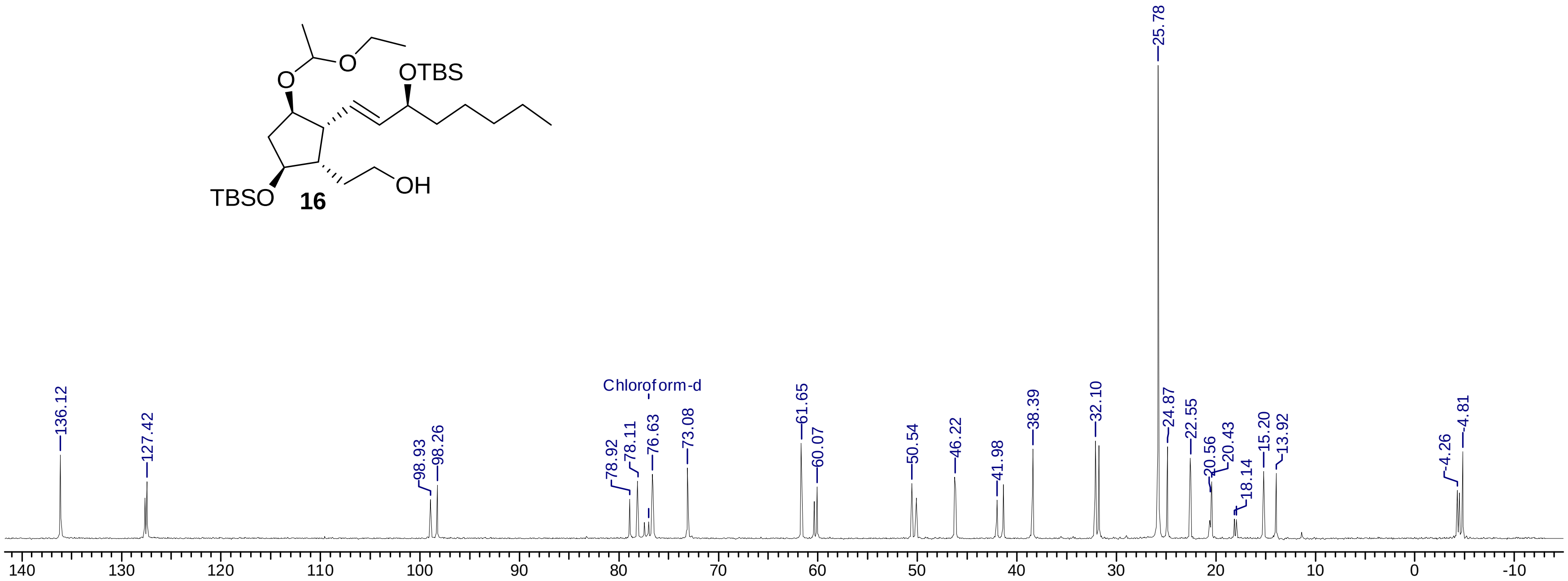
24 Jul 2009

Acquisition Time (sec)	10.3547	***Comment***	1H sur yas1-169 exp 1 K2CO3 sur epimere haut pur			***Date***	24/07/2009 15:25:34		
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	3164.56
Temperature (grad C)	0.000								



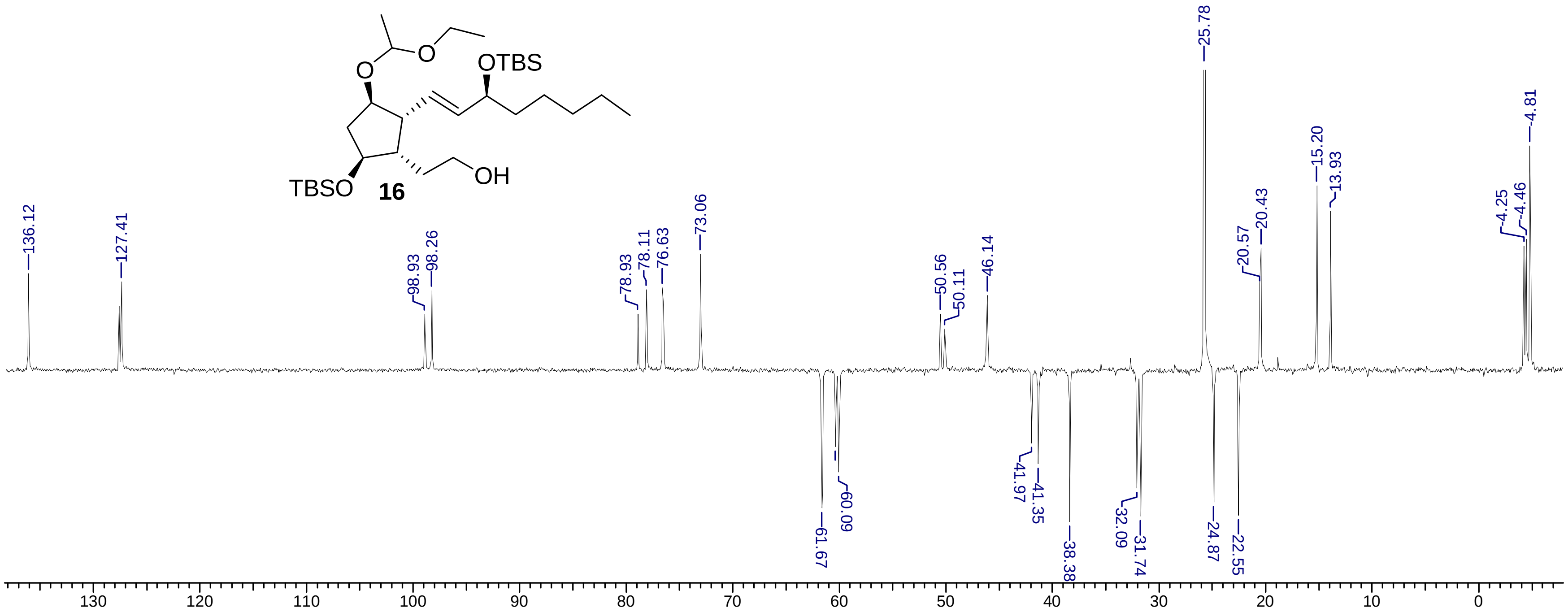
28 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur Yas 169 exp 1			***Date***	22/07/2009 09:57:52		
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52
Temperature (grad C)	0.000								



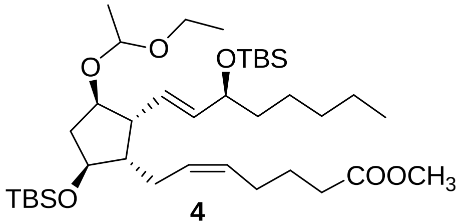
28 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas 169 exp 7			***Date***	22/07/2009 09:58:20		
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52
Temperature (grad C)	0.000								

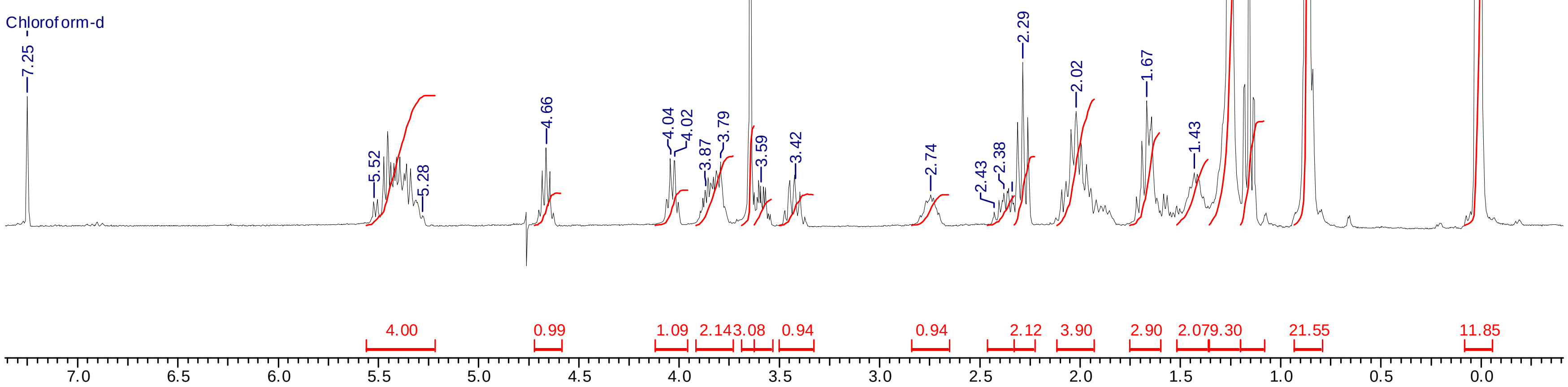


24 Jul 2009

Acquisition Time (sec)	10.3547	***Comment***	1H sur yas1-139 exp 1 ester epimere haut		***Date***	21/07/2009 17:48:52	
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 3164.56
Temperature (grad C)	0.000						

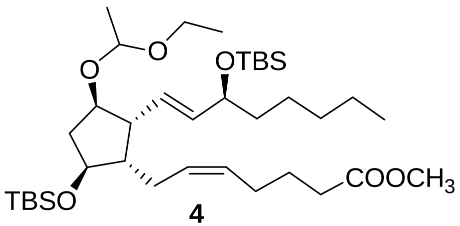


4

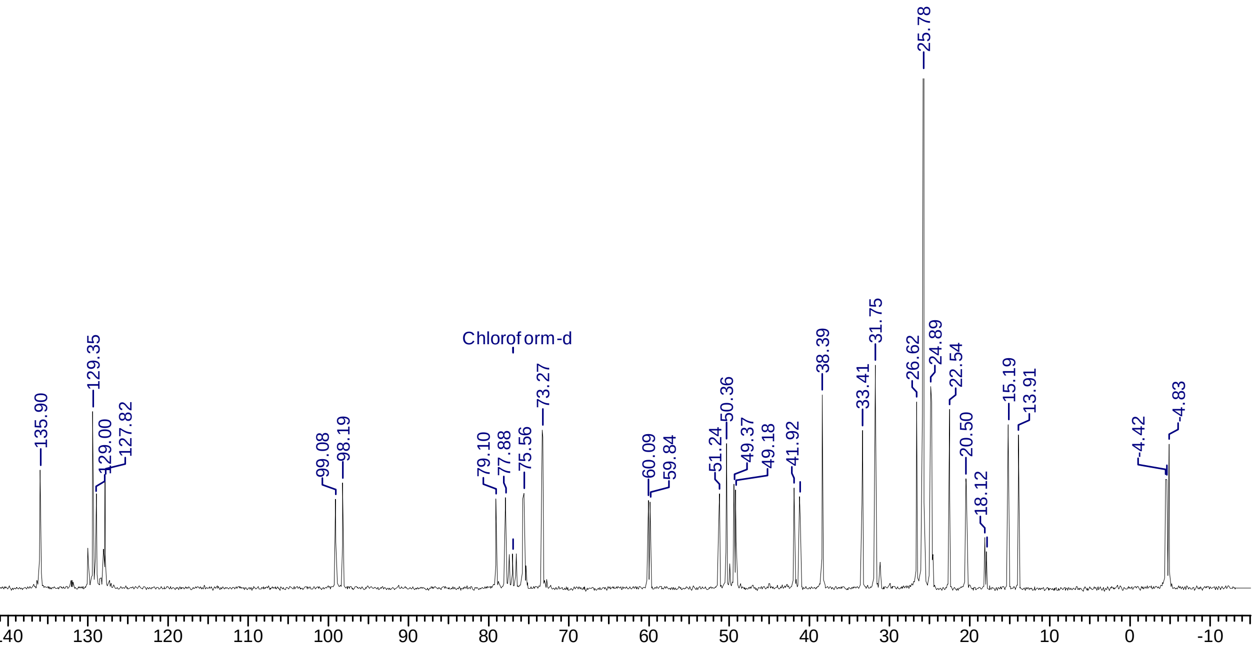


22 Jul 2009

Acquisition Time (sec)	1.7695	**Comment**	13C sur yas1-139 exp 2 ester haut		**Date**	21/07/2009 17:48:56	
Frequency (MHz)	75.47	**Nucleus**	13C	**Original Points Count** 32768	**Points Count**	32768	**Sweep Width (Hz)** 18518.52
Temperature (grad C)	0.000						

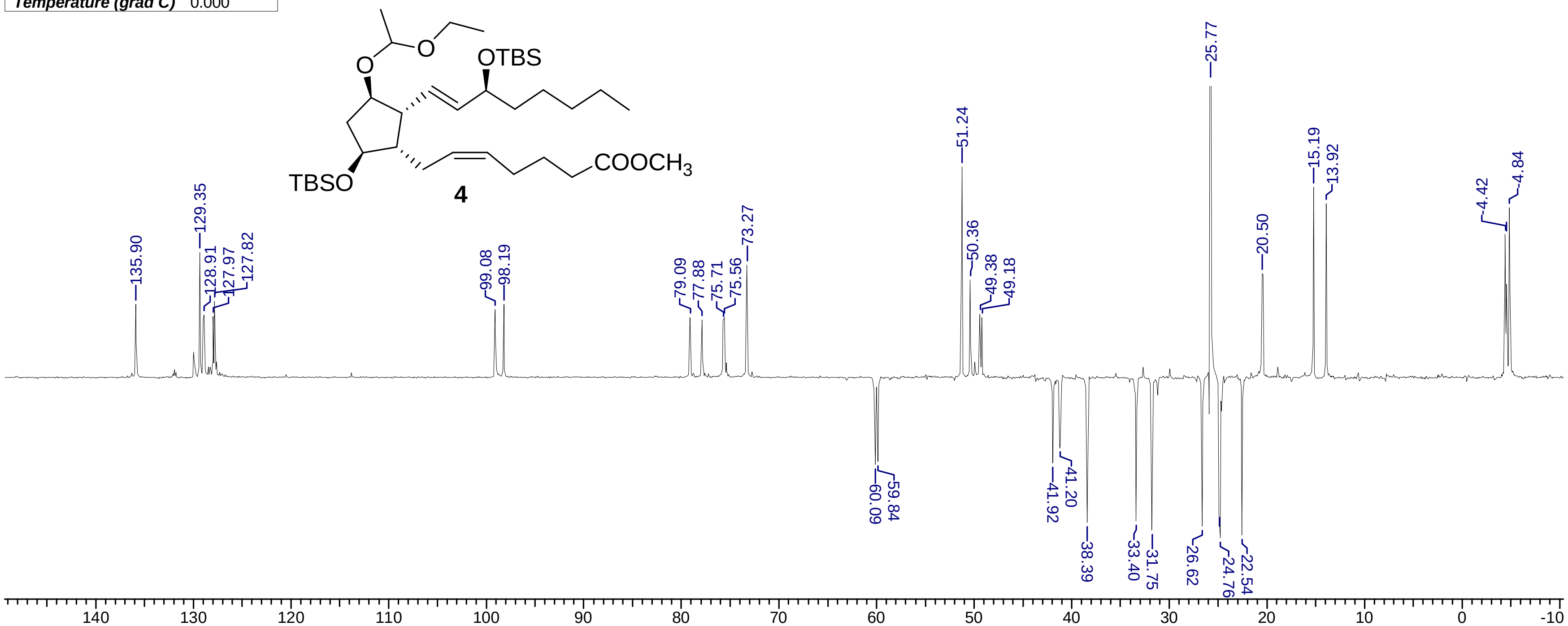


4



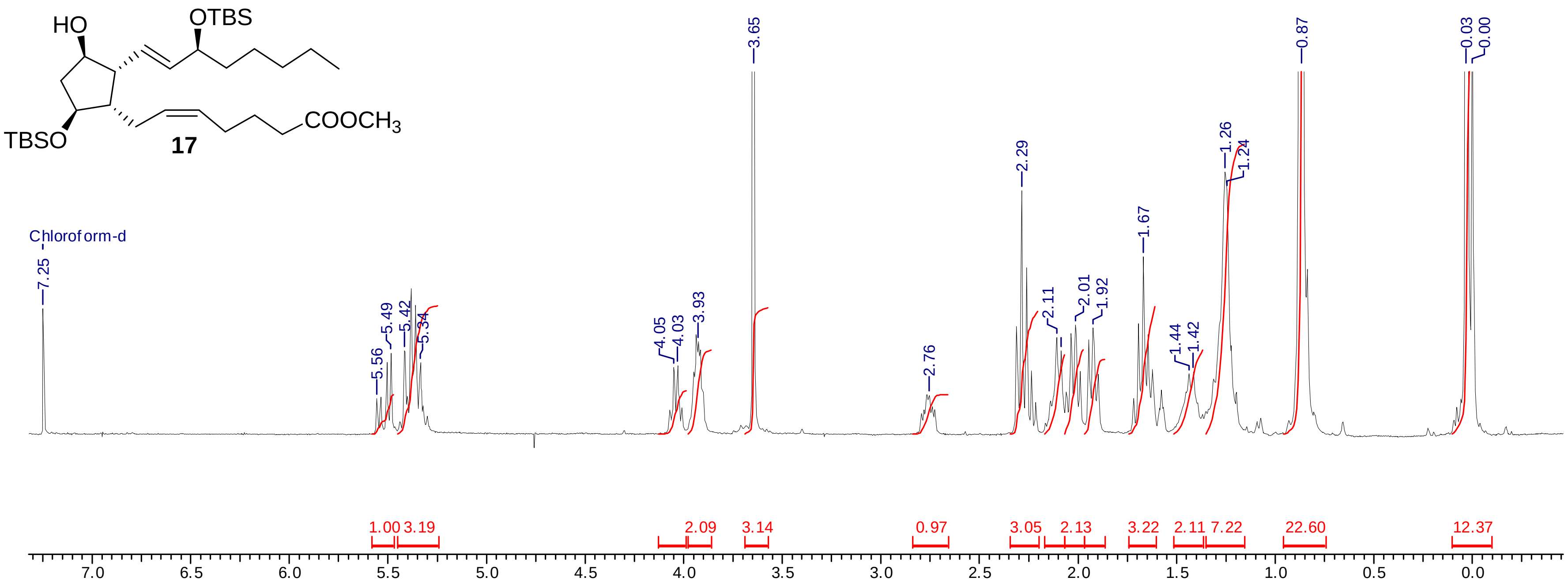
22 Jul 2009

Acquisition Time (sec)	1.7695	Comment	Dept135 sur yas1-139 exp 3			Date	21/07/2009 17:49:00		
Frequency (MHz)	75.47	Nucleus	13C	Original Points Count	32768	Points Count	32768	Sweep Width (Hz)	18518.52
Temperature (grad C)	0.000								



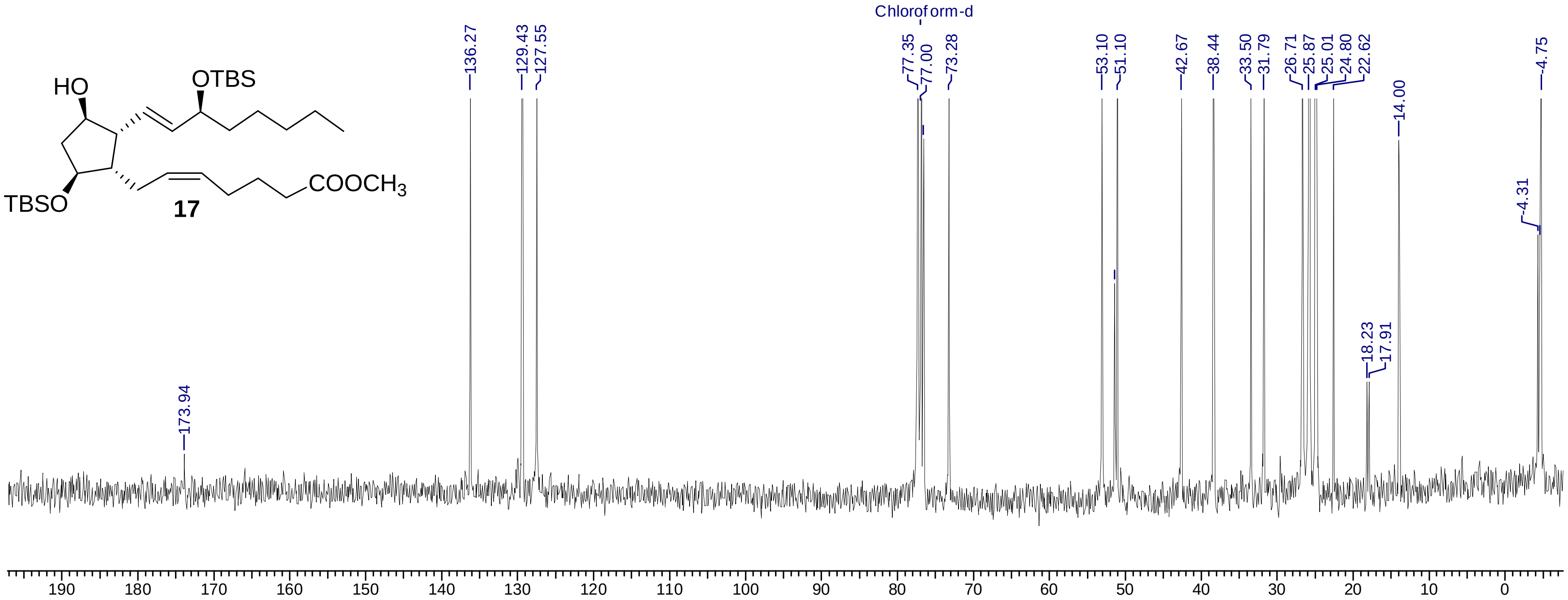
24 Jul 2009

Acquisition Time (sec)	10.3547	***Comment***	1H sur yas1-140 exp2 deprotection ee ether sur epimere haut					***Date***	21/07/2009 17:49:24
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	3164.56
Temperature (grad C)	0.000								



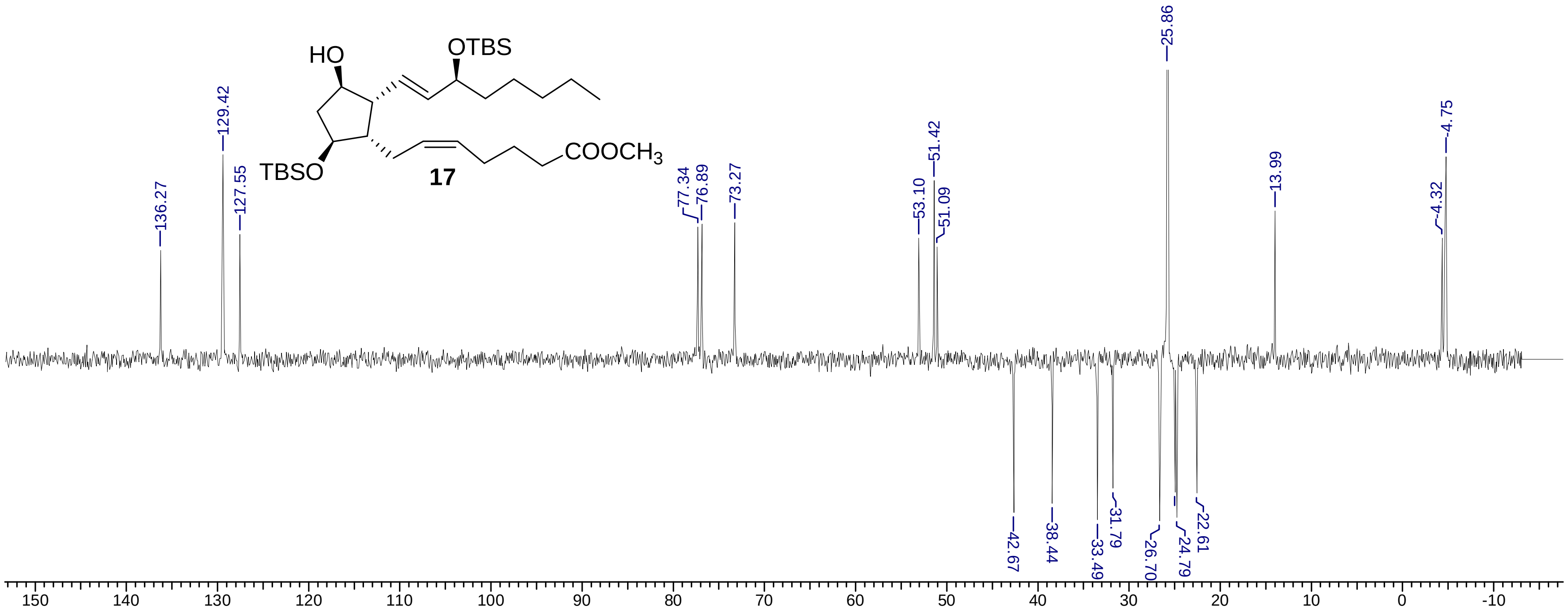
22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur yas1-140 exp 3 deprotection ee ether sur epimere haut					***Date***	21/07/2009 17:49:30
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52
Temperature (grad C)	0.000								



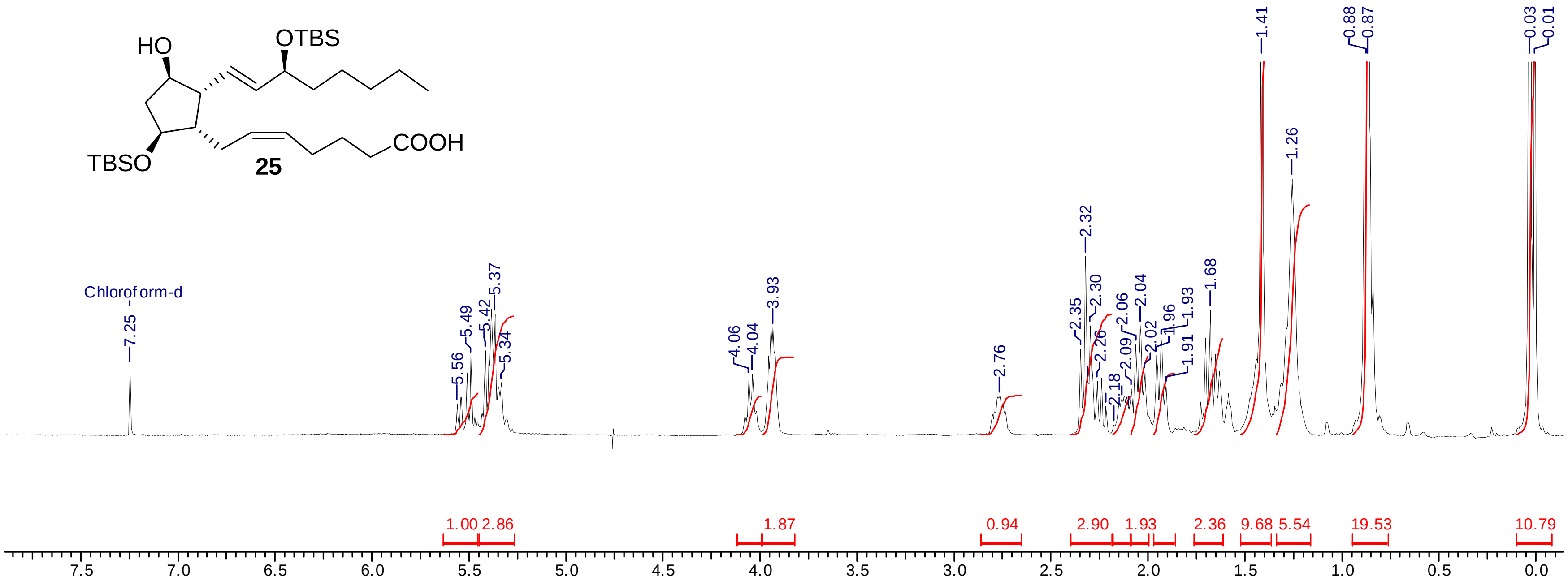
22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas1-140 exp 5 deprotection ee ether sur epimere haut						
Date	21/07/2009 17:49:36			***Frequency (MHz)***	75.47	***Nucleus***	13C	***Original Points Count***	32768
Points Count	32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)***	0.000				



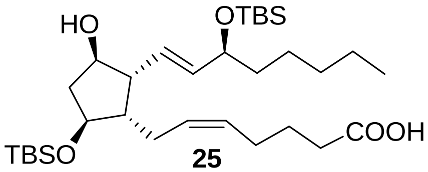
28 Jul 2009

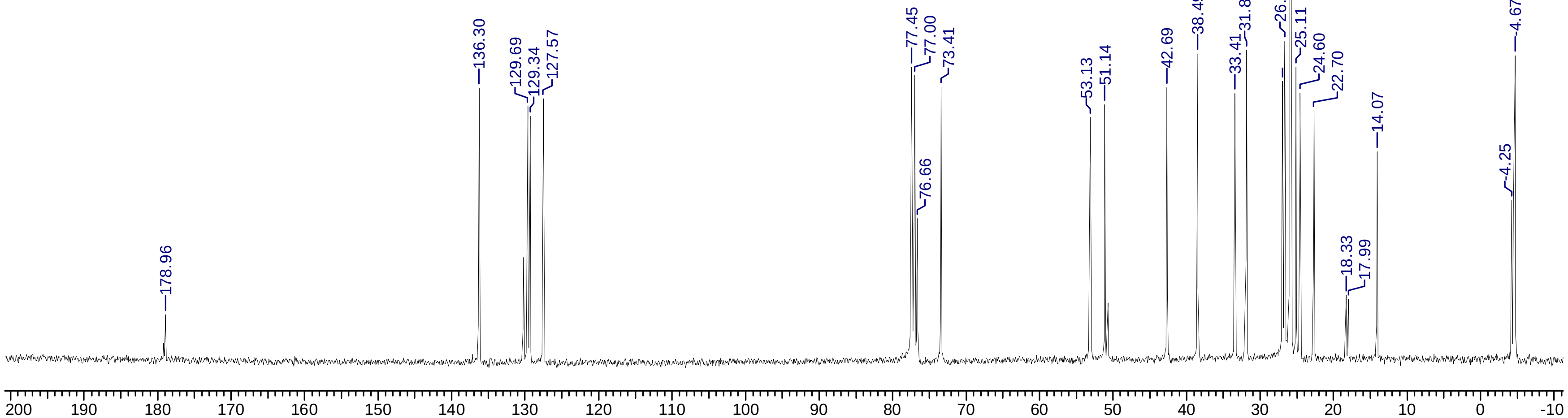
Acquisition Time (sec)	10.3547	***Comment***	1H sur yas1-142 exp 1 LiOH pur sur epimere haut		***Date***	21/07/2009 17:50:16	
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 3164.56
Temperature (grad C)	0.000						



22 Jul 2009

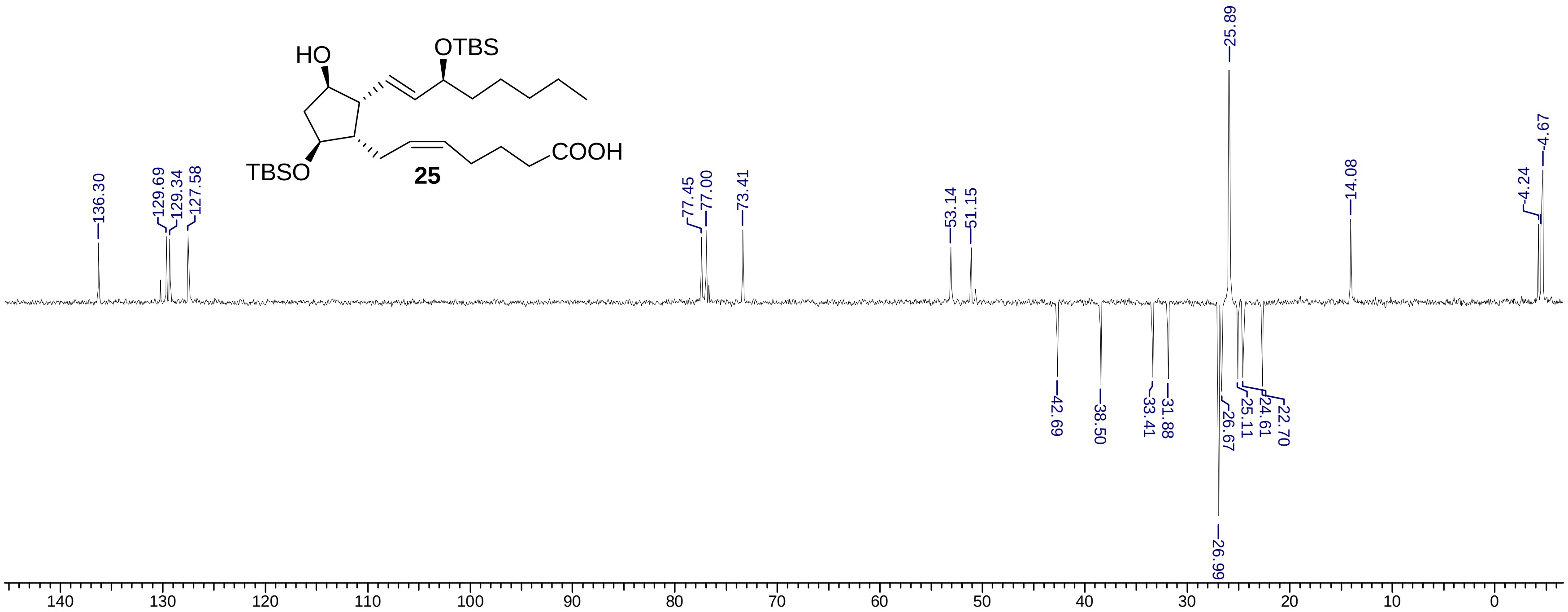
Acquisition Time (sec)	1.7695	***Comment***	13C sur yas1-142 exp 2 LiOH epimere haut		***Date***	21/07/2009 17:50:22	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						





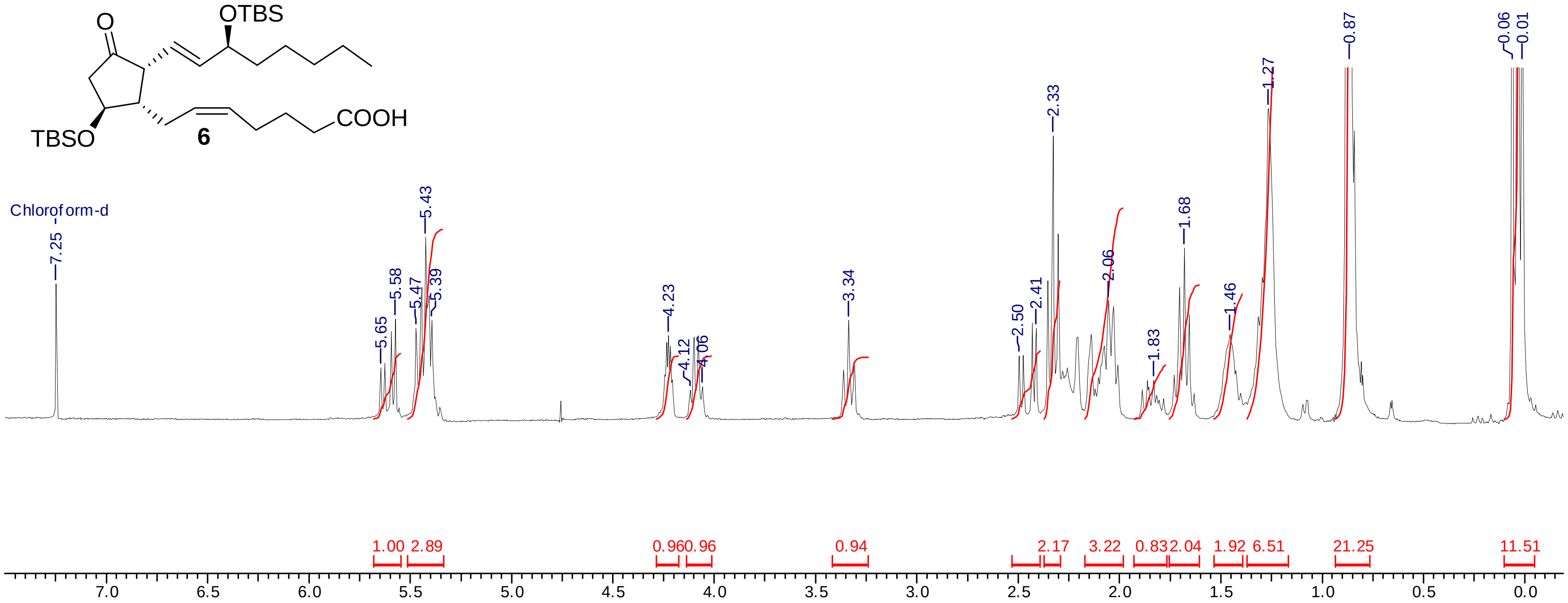
28 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas1-142 exp 3 LiOH epimere haut			***Date***	21/07/2009 17:50:26		
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52
Temperature (grad C)	0.000								



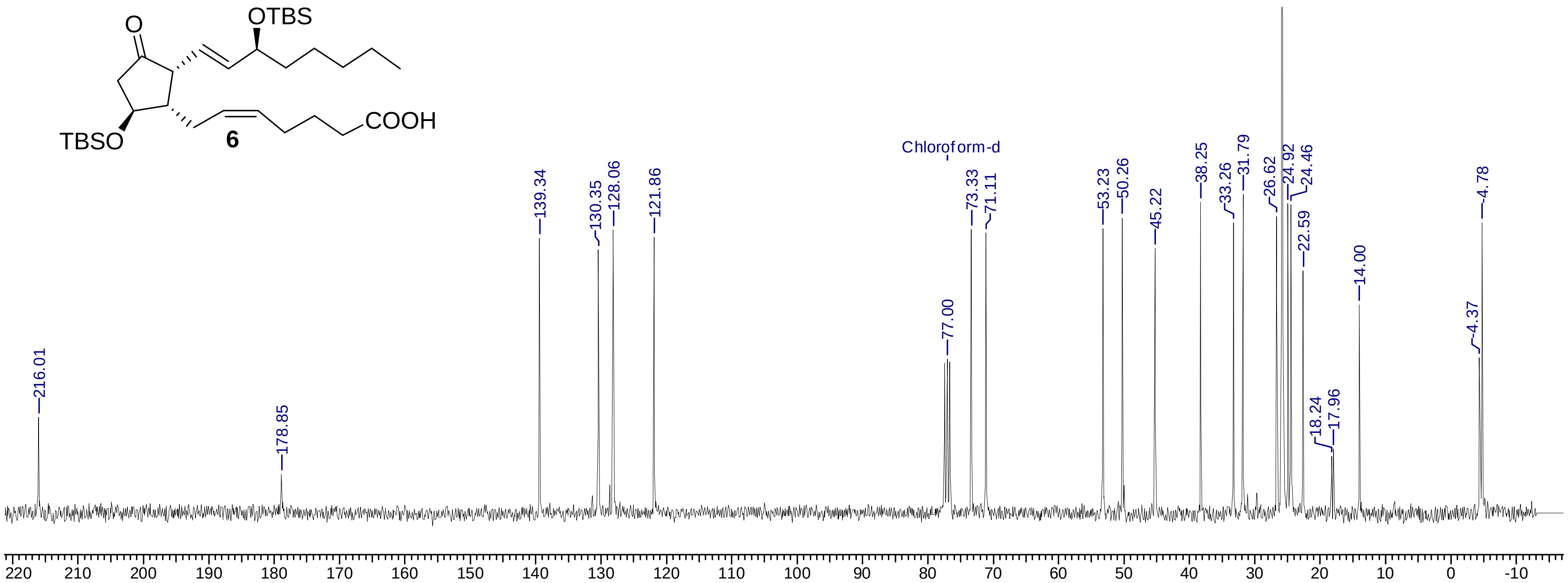
25 Jul 2009

Acquisition Time (sec)	10.3547	***Comment***	1H sur	***Date***	21/07/2009 17:50:48		***Frequency (MHz)***	300.13	***Nucleus*** 1H
Original Points Count	32768	***Points Count***	32768	***Sweep Width (Hz)***	3164.56	***Temperature (grad C)*** 0.000			



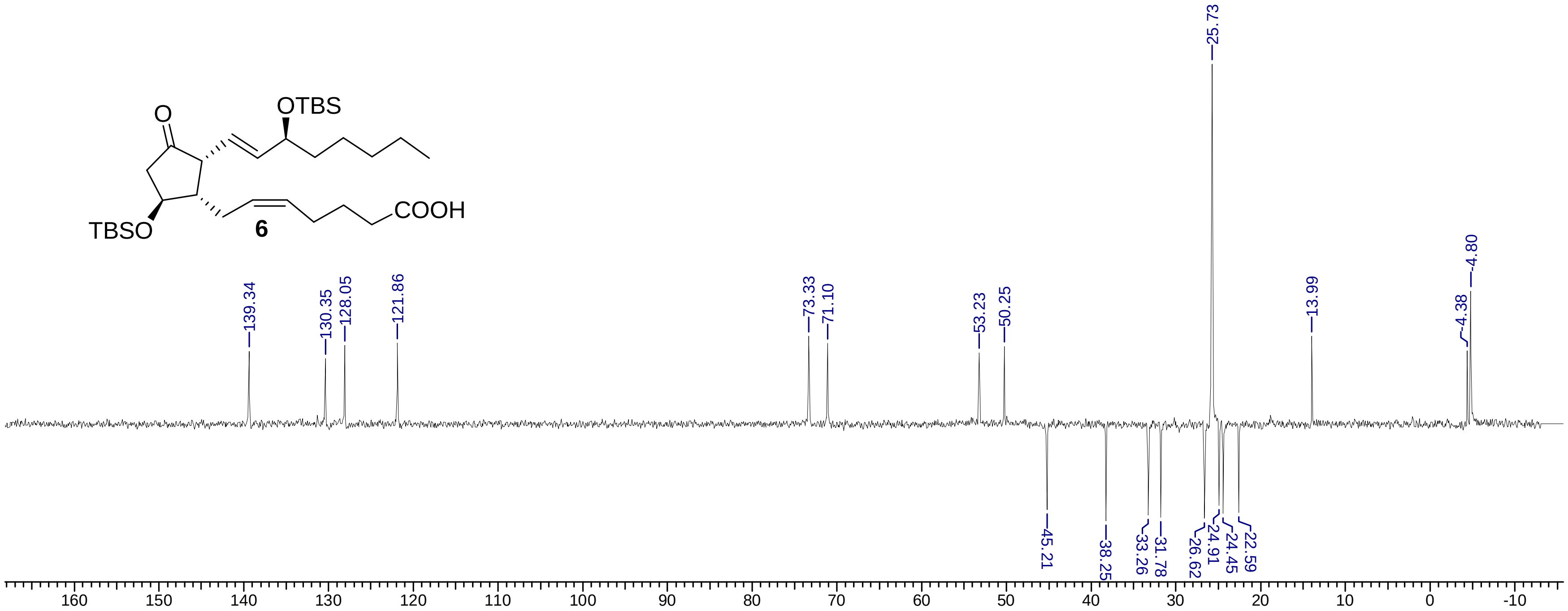
22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur DMP epimere haut		***Date***	21/07/2009 17:50:54	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						



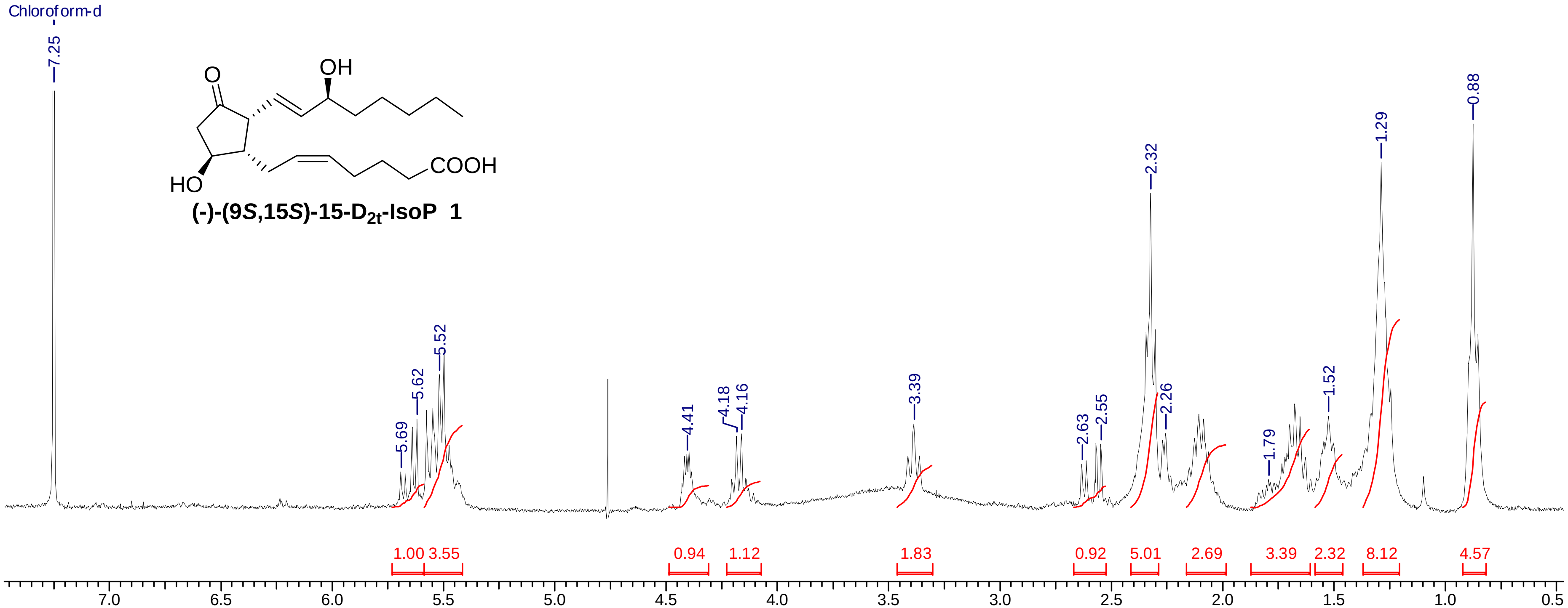
22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas1-148 exp 3 DMP epimere haut			***Date***	21/07/2009 17:50:58		
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52
Temperature (grad C)	0.000								



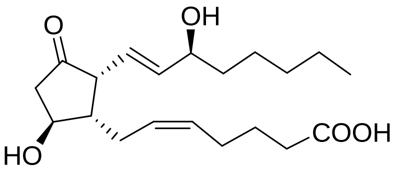
25 Jul 2009

Acquisition Time (sec)	10.3547	Comment	1H sur yas1-150 exp 4			Date	25/07/2009 13:06:54		
Frequency (MHz)	300.13	Nucleus	1H	Original Points Count	32768	Points Count	32768	Sweep Width (Hz)	3164.56
Temperature (grad C)	0.000								

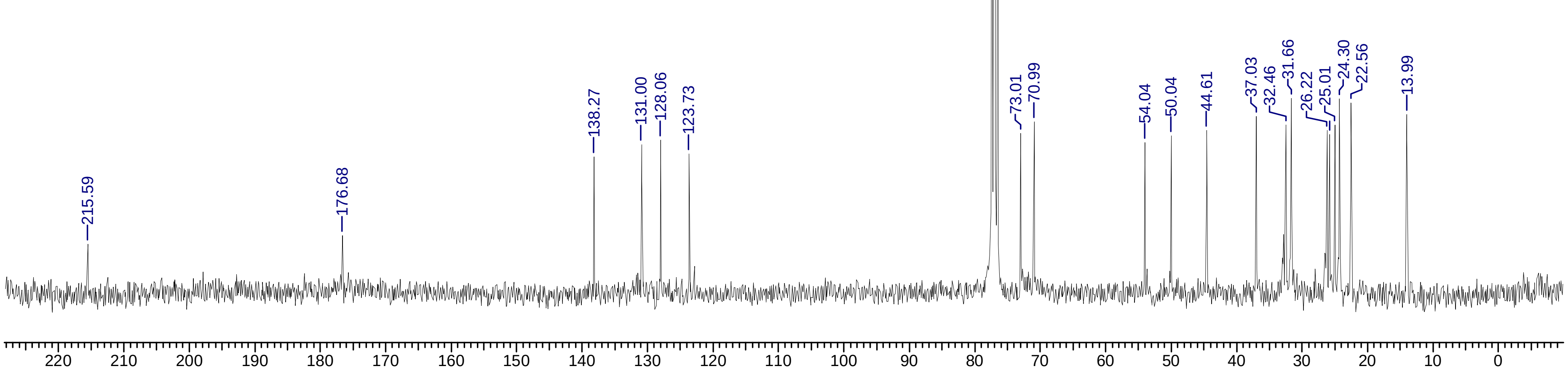


22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur loYAS090610/3/1		***Date***	22/07/2009 14:44:24	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						

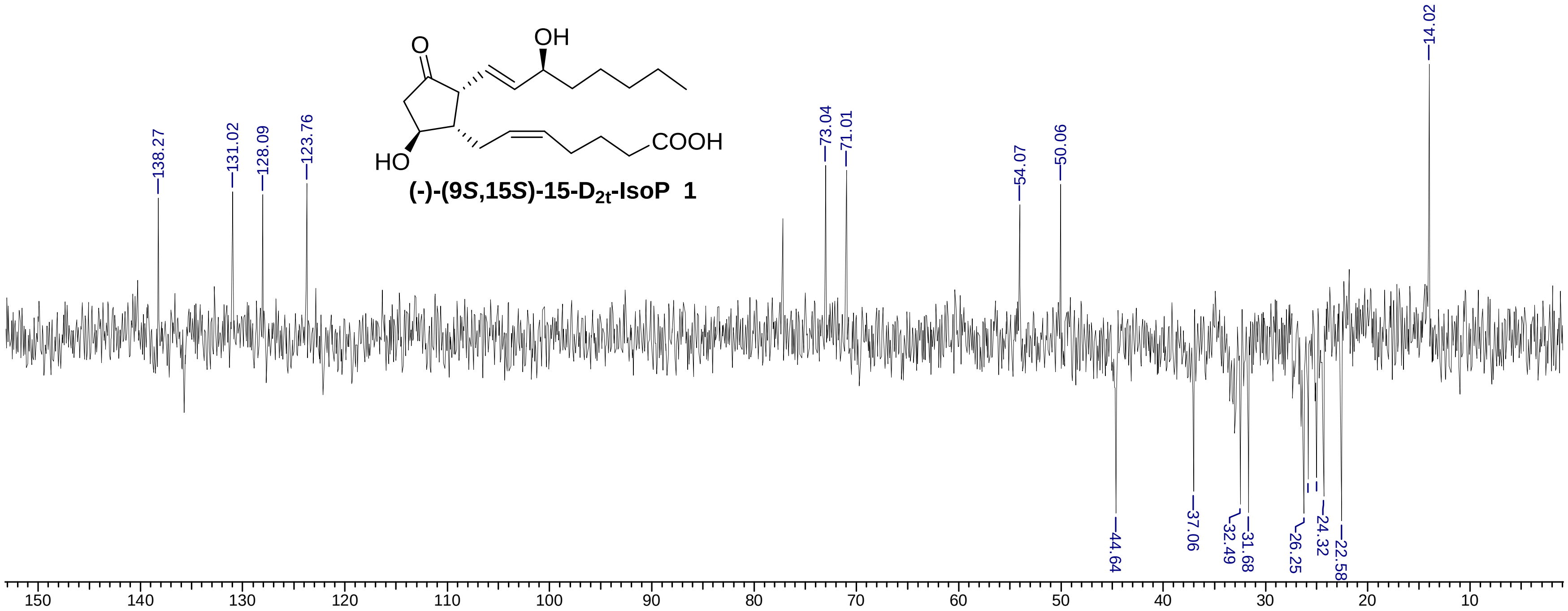


(-)-(9*S*,15*S*)-15-D_{2t}-IsoP 1



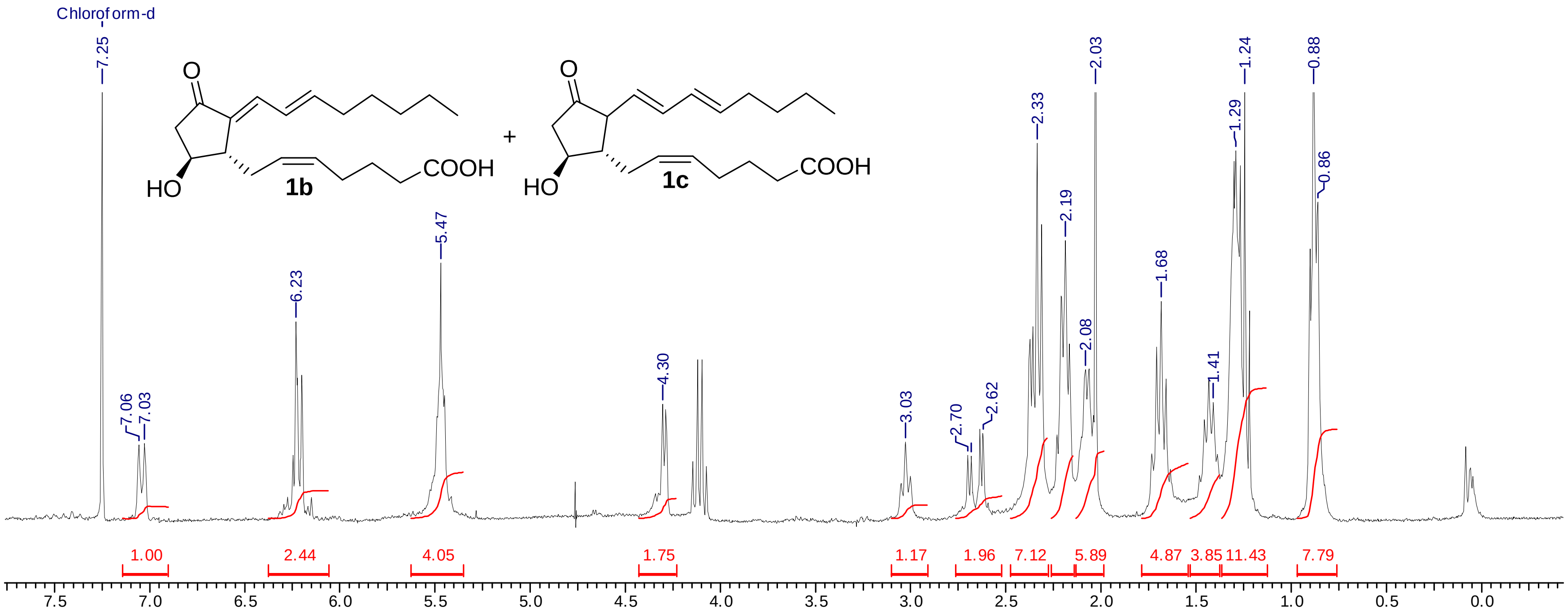
22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas1-152 exp2 15D2t		***Date***	22/07/2009 14:46:02	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						



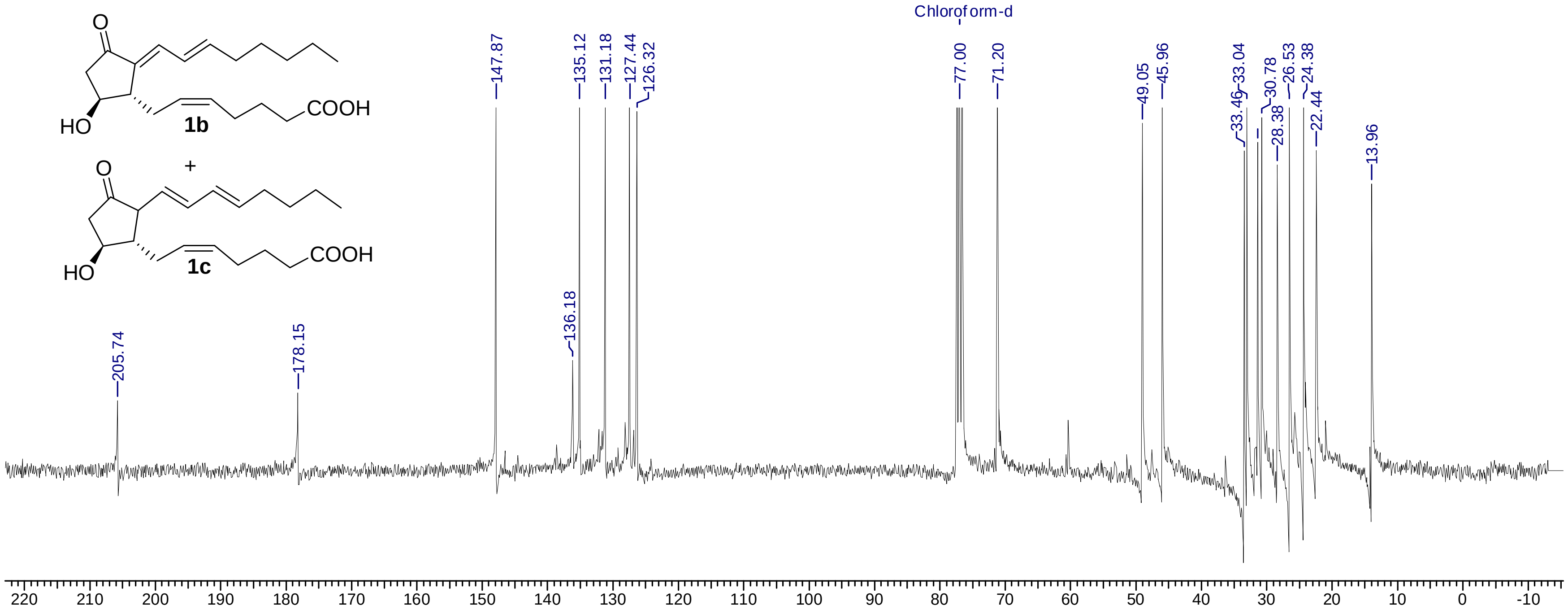
29 Sep 2009

Acquisition Time (sec)	10.3547	Comment	1H sur yas1-161 exp 1			Date	22/07/2009 14:47:30		
Frequency (MHz)	300.13	Nucleus	1H	Original Points Count	32768	Points Count	32768	Sweep Width (Hz)	3164.56
Temperature (grad C)	0.000								



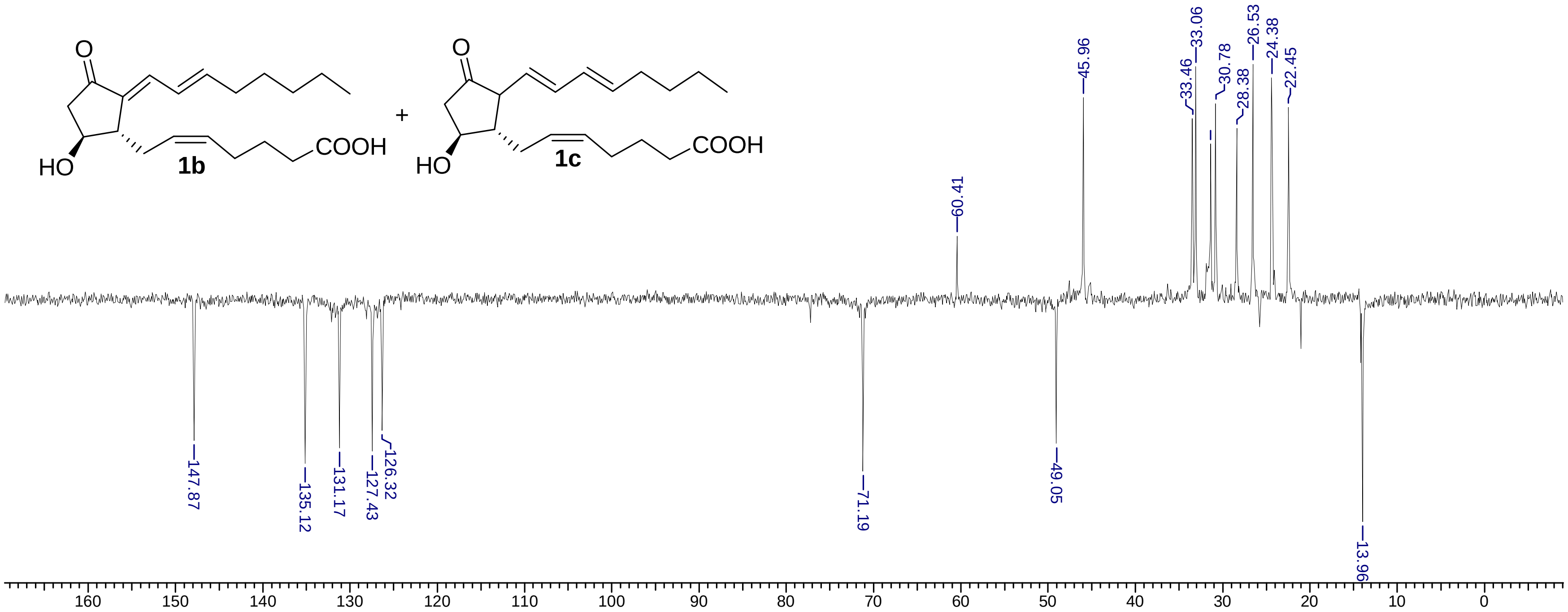
22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur yas1-161 exp 2 produit secondaire de deprotection finale				
Date	22/07/2009 14:47:34			***Frequency (MHz)***	75.47	***Nucleus***	13C
Original Points Count	32768						
Points Count	32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)***	0.000		



22 Jul 2009

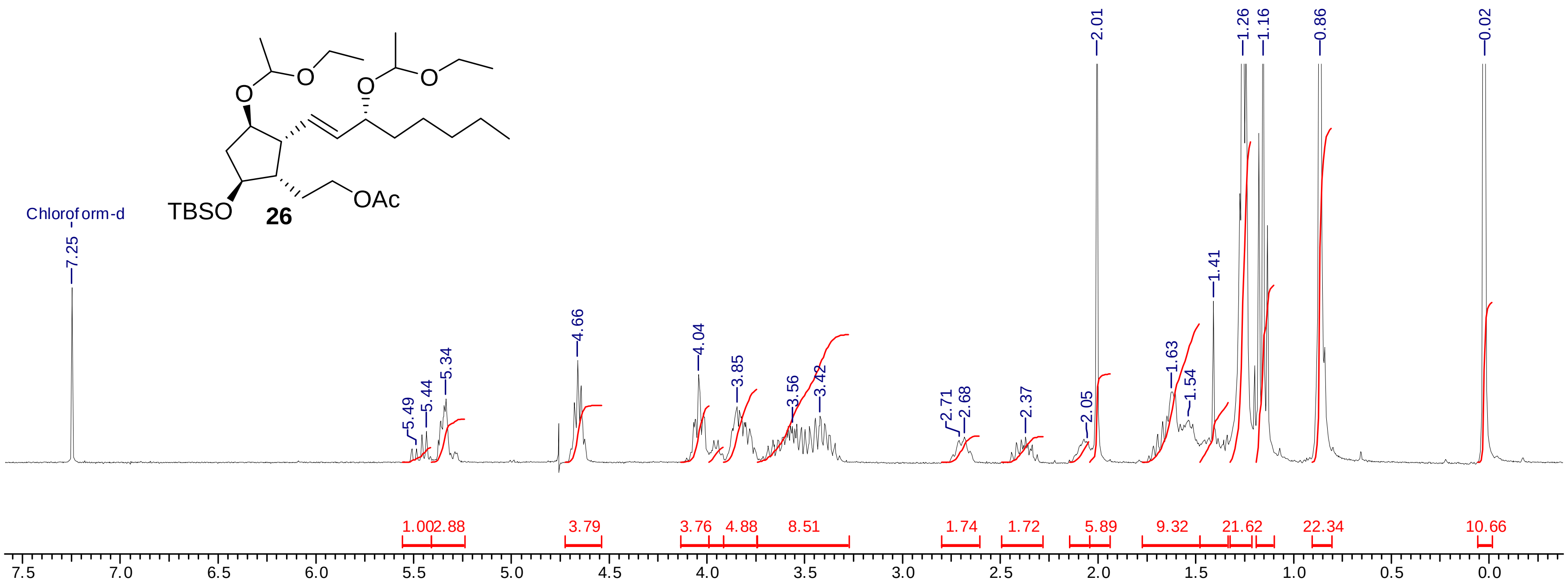
Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas1-160 exp 6 ps de deprotection finale de la 15-D2t-Isop				
Date	22/07/2009 14:46:54			***Frequency (MHz)***	75.47	***Nucleus***	13C
Original Points Count	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)***	0.000



Total Synthesis of (+)-(11*R*,15*R*)-15-epi-15-E_{2t}-Isoprostane 2 :

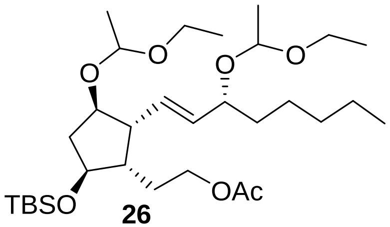
30 Jul 2009

Acquisition Time (sec)	10.3547	Comment	1H sur yas2-03 exp 1 eeether sur epimere bas		Date	22/07/2009 15:56:56		
Frequency (MHz)	300.13	Nucleus	1H	Original Points Count 32768	Points Count	32768	Sweep Width (Hz)	3164.56
Temperature (grad C)	0.000							

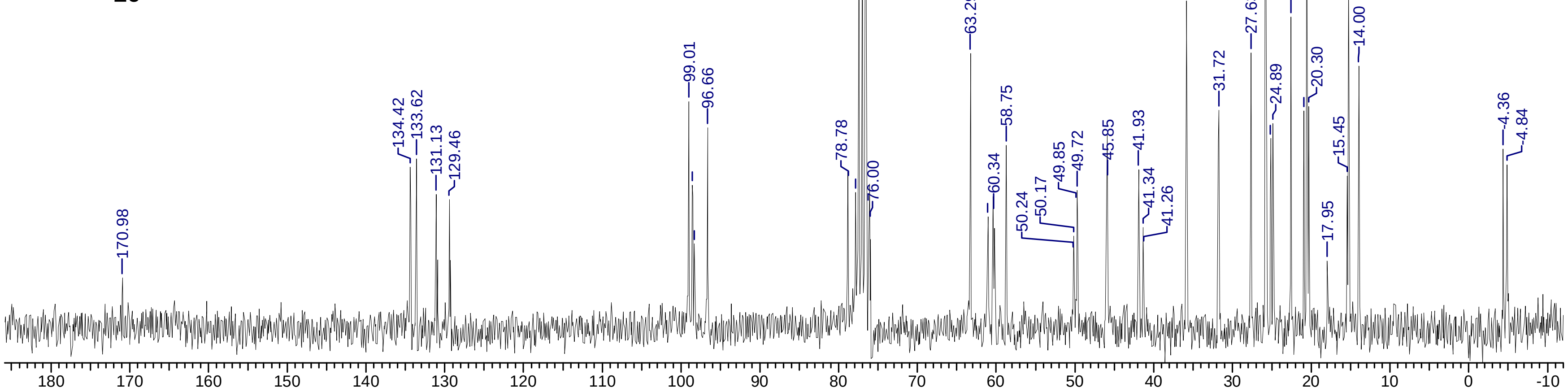


22 Jul 2009

Acquisition Time (sec)	1.7695	*Comment*	13C sur yas2-03 exp2 epimere bas ee ether		*Date*	22/07/2009 15:57:00	
Frequency (MHz)	75.47	*Nucleus*	13C	*Original Points Count* 32768	*Points Count*	32768	*Sweep Width (Hz)* 18518.52
Temperature (grad C)	0.000						

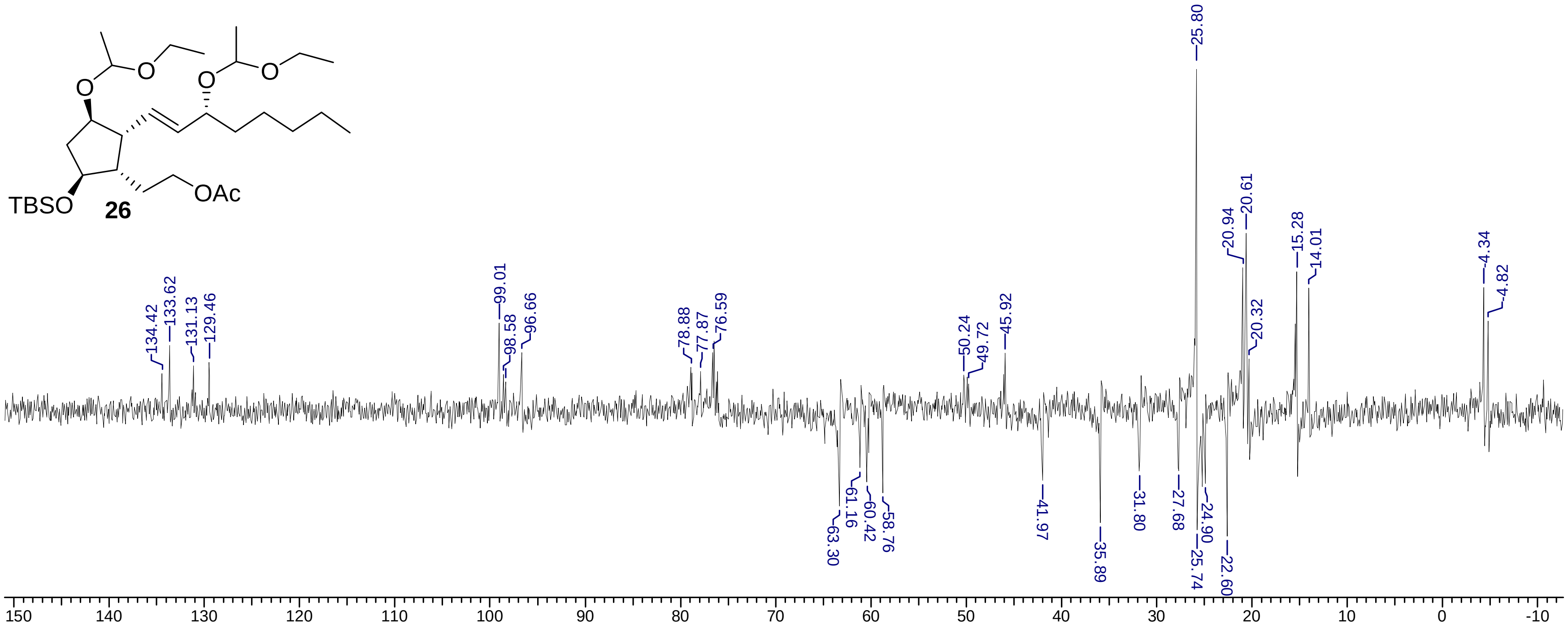


26



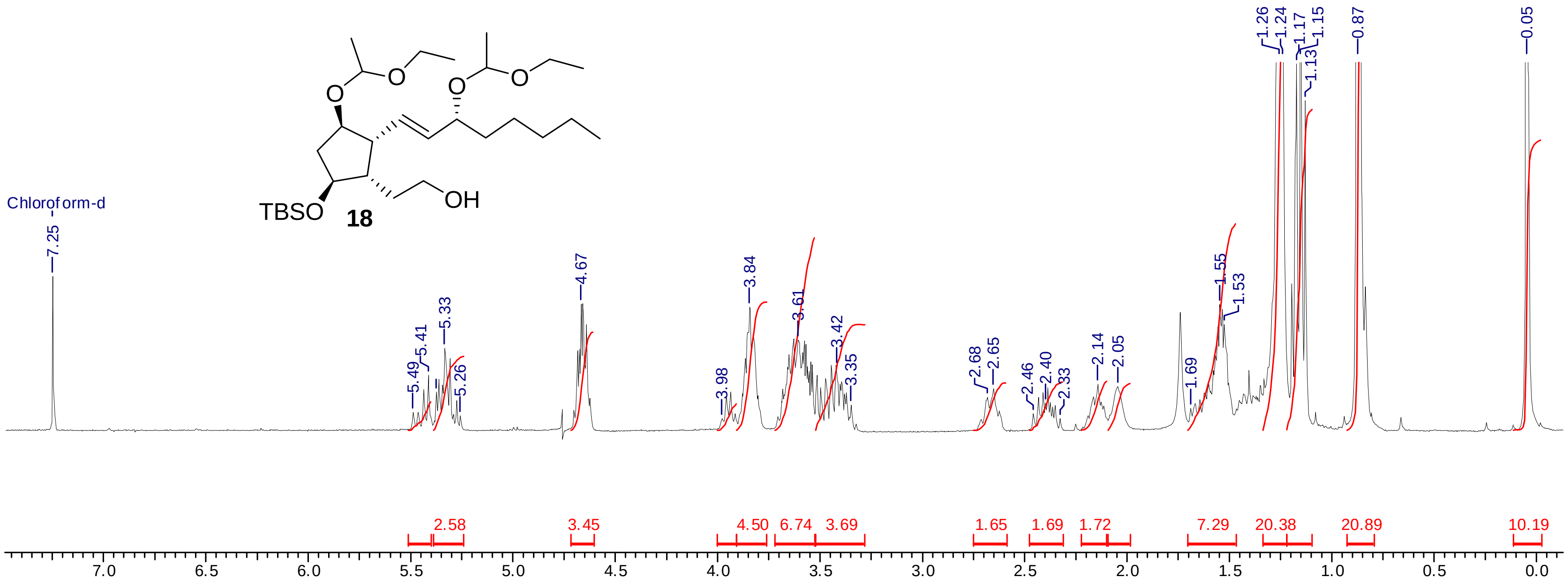
22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur		***Date***	22/07/2009 15:57:04	***Frequency (MHz)*** 75.47
Nucleus	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52	***Temperature (grad C)*** 0.000



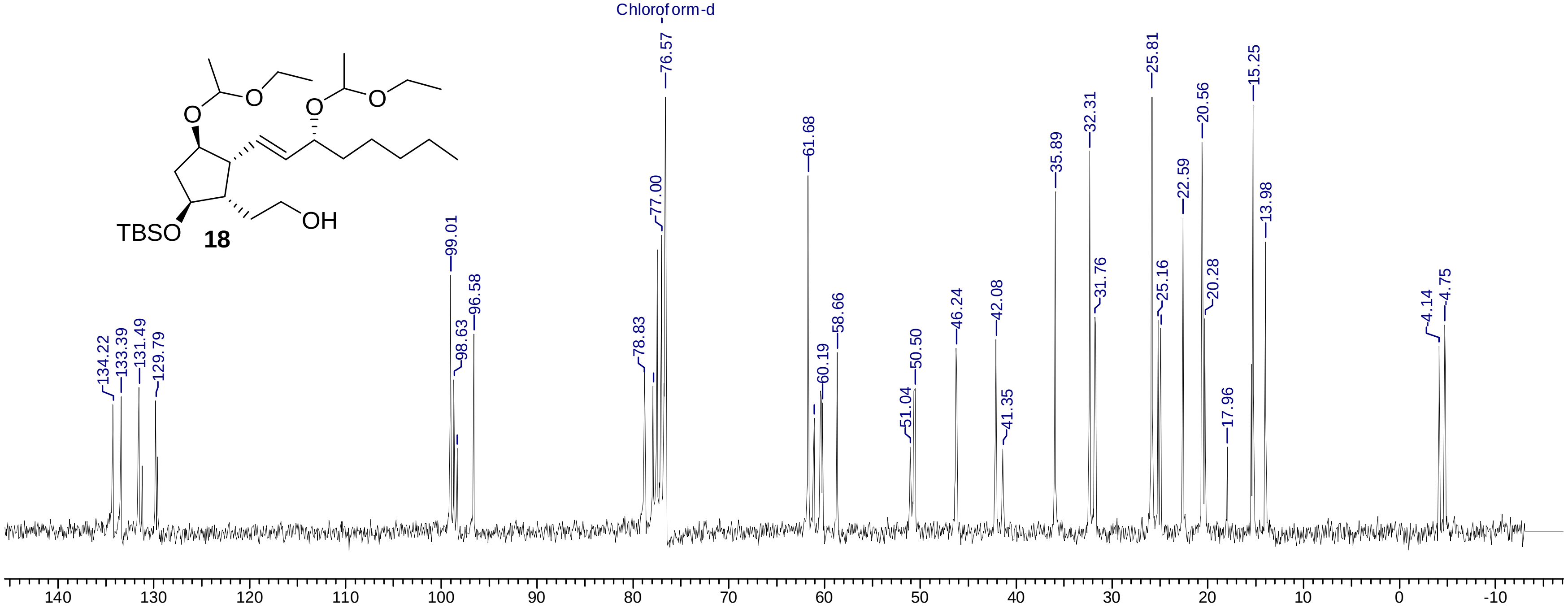
26 Jul 2009

Acquisition Time (sec)	10.3547	Comment	1H sur yas2-04 exp 1 epimere bas K2CO3		Date	22/07/2009 15:57:26		
Frequency (MHz)	300.13	Nucleus	1H	Original Points Count 32768	Points Count	32768	Sweep Width (Hz)	3164.56
Temperature (grad C)	0.000							



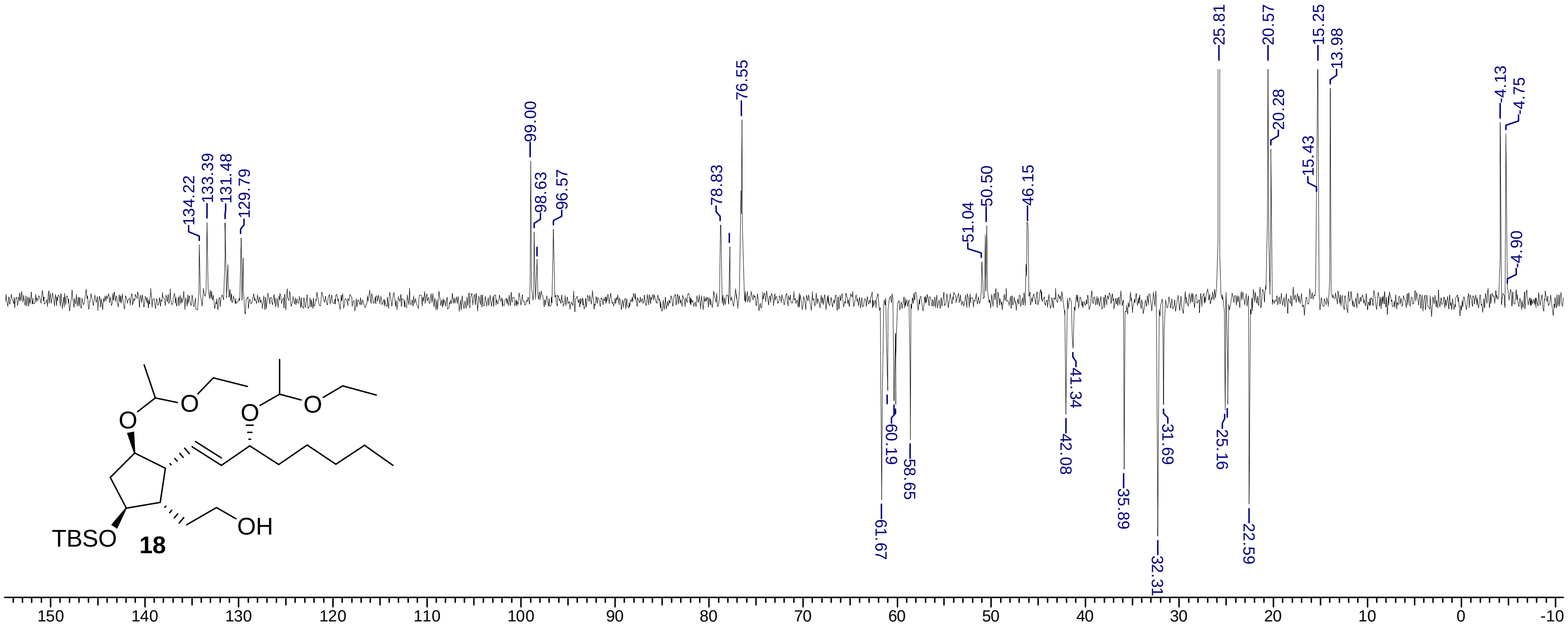
22 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur yas2-04 exp 2 epimere bas, K2CO3		***Date***	22/07/2009 15:57:30	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						



22 Jul 2009

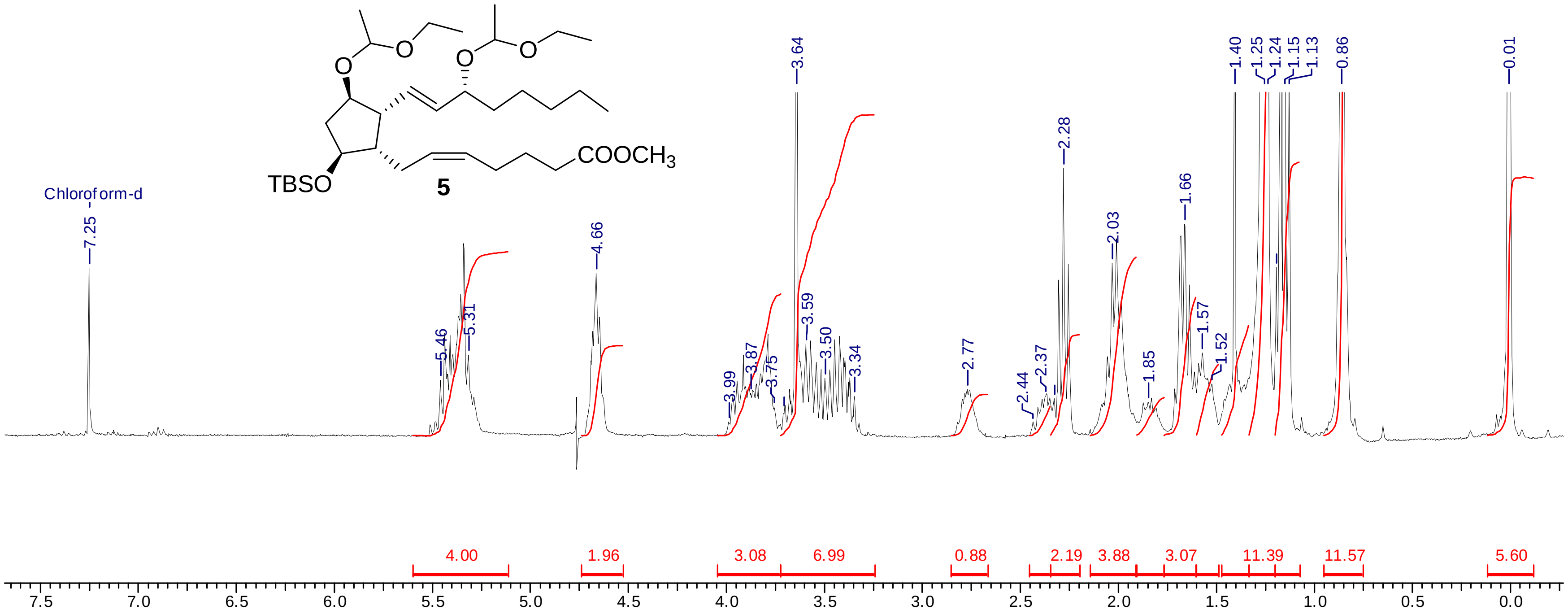
Acquisition Time (sec)	1.7695	Comment	Dept135 sur			Date	22/07/2009 15:57:34	Frequency (MHz)	75.47
Nucleus	13C	Original Points Count	32768	Points Count	32768	Sweep Width (Hz)	18518.52	Temperature (grad C)	0.000



18

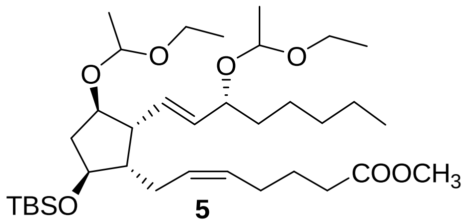
27 Jul 2009

Acquisition Time (sec)	10.3547	***Comment***	1H sur yas2-09 exp 1 ester epimere bas		***Date***	22/07/2009 15:58:08	
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 3164.56
Temperature (grad C)	0.000						

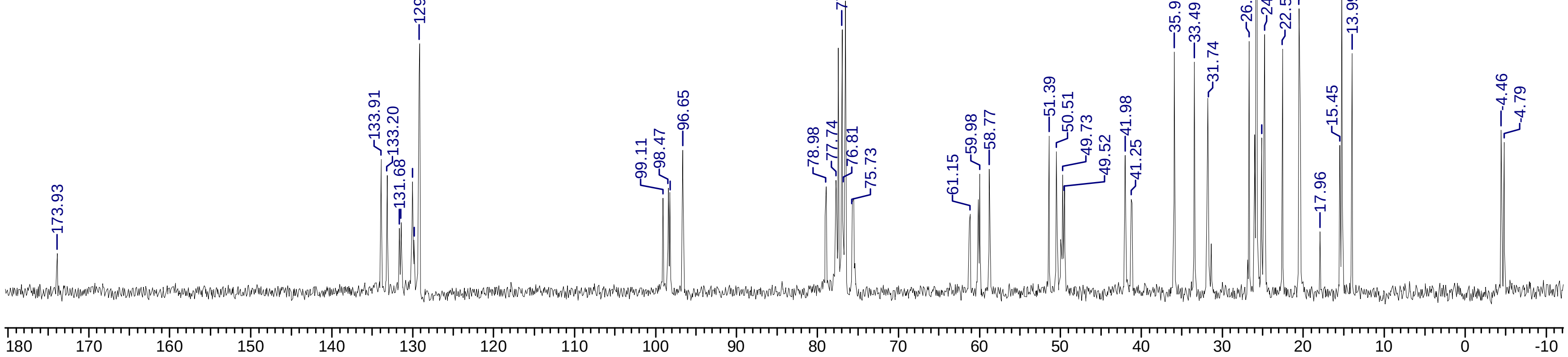


23 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur yas2-09 exp 4 ester epimere bas			***Date***	22/07/2009 15:58:20		
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52
Temperature (grad C)	0.000								

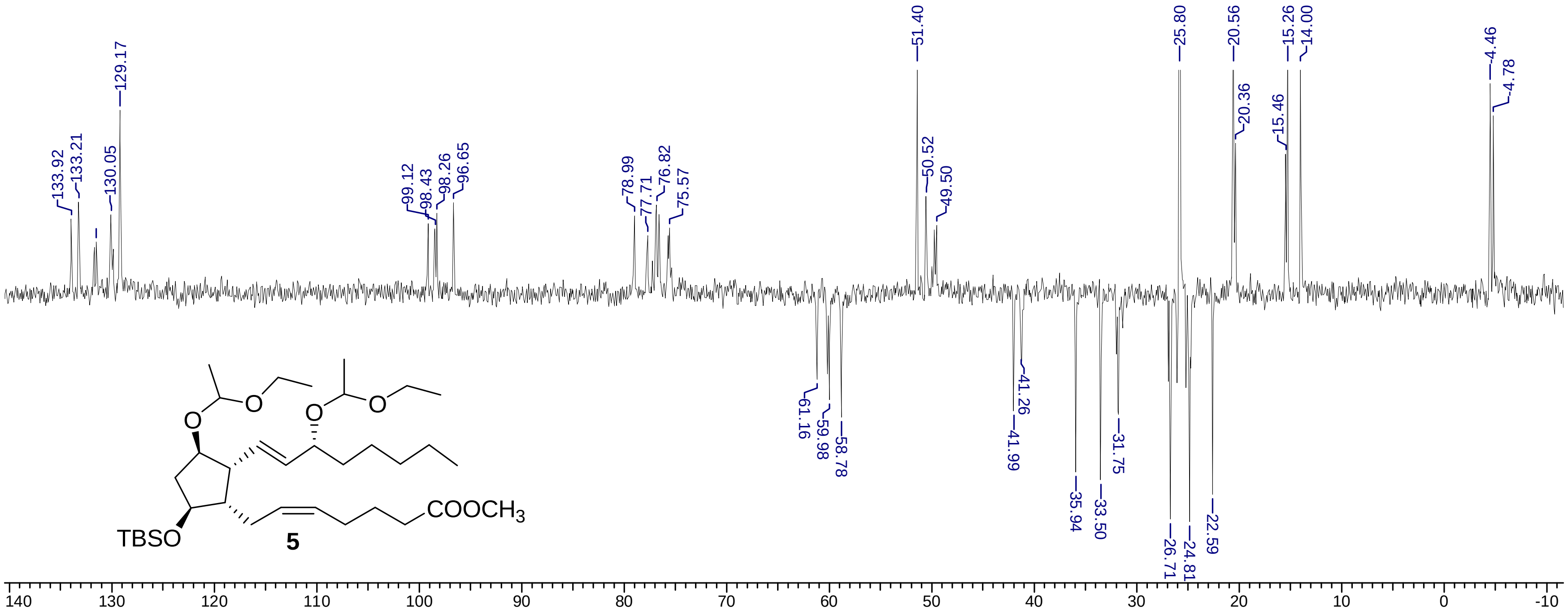


5



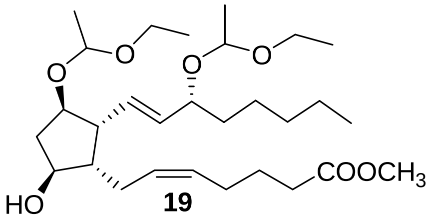
23 Jul 2009

Acquisition Time (sec)	1.7695	**Comment**	Dept135 sur yas2-09 exp5		**Date**	22/07/2009 15:58:24	
Frequency (MHz)	75.47	**Nucleus**	13C	**Original Points Count** 32768	**Points Count**	32768	**Sweep Width (Hz)** 18518.52
Temperature (grad C)	0.000						



27 Jul 2009

Acquisition Time (sec)	10.3547	**Comment**	1H sur yas2-11 exp2 colonne TBAF, epimere bas produit pur			**Date**	22/07/2009 17:43:48
Frequency (MHz)	300.13	**Nucleus**	1H	**Original Points Count** 32768	**Points Count** 32768	**Sweep Width (Hz)**	3164.56
Temperature (grad C)	0.000						



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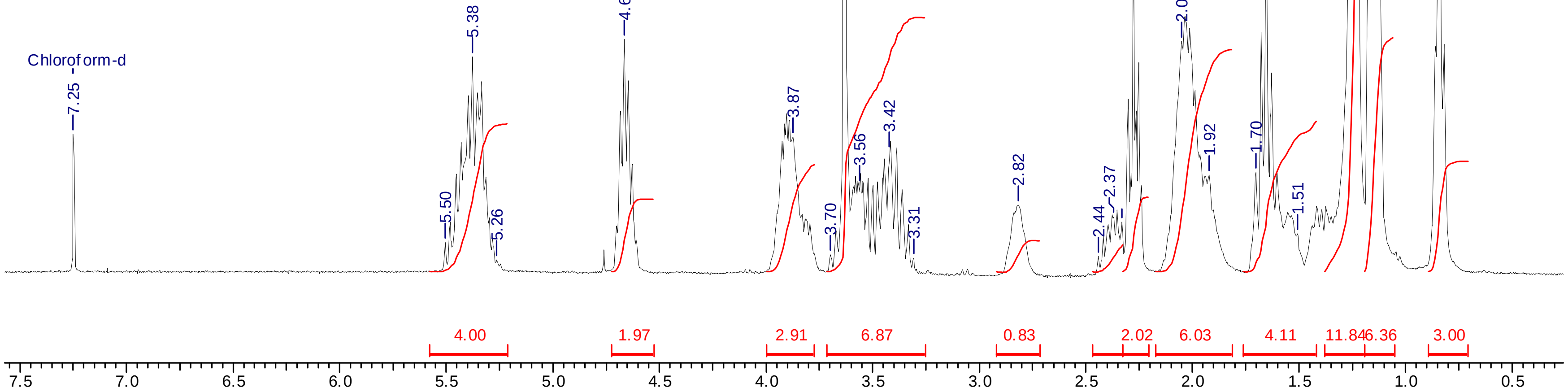
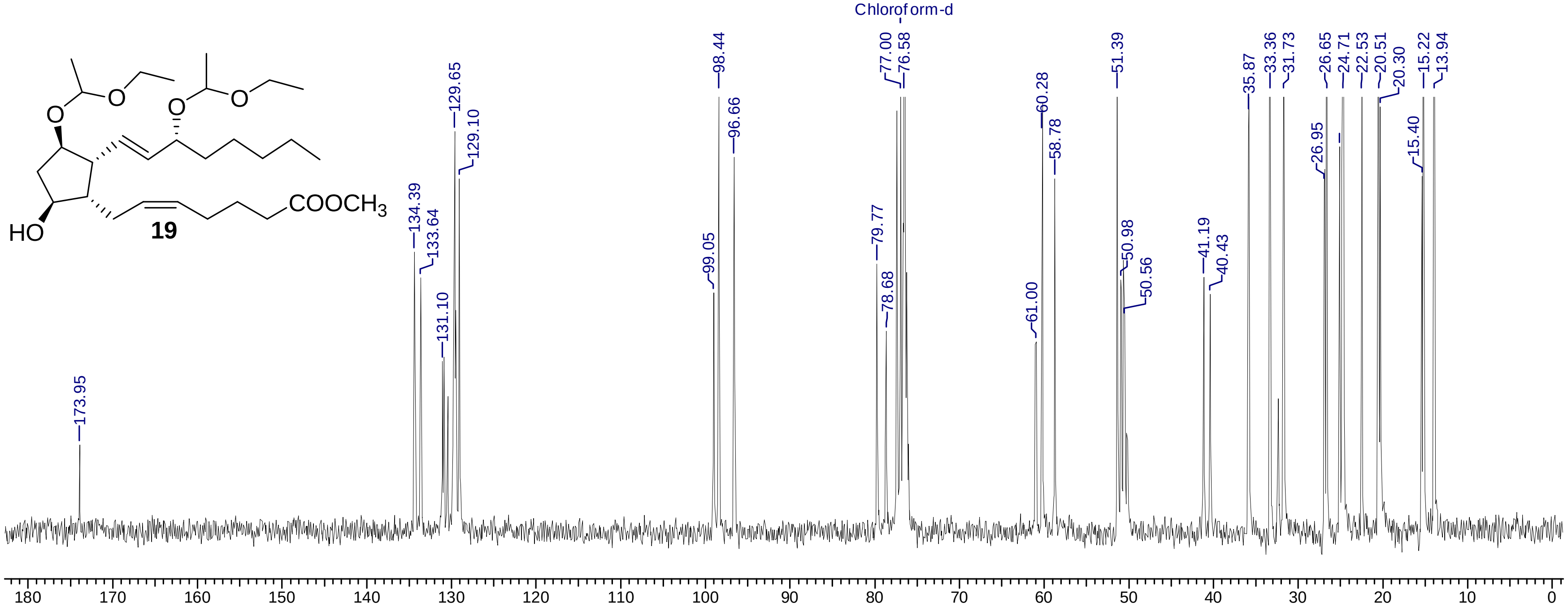


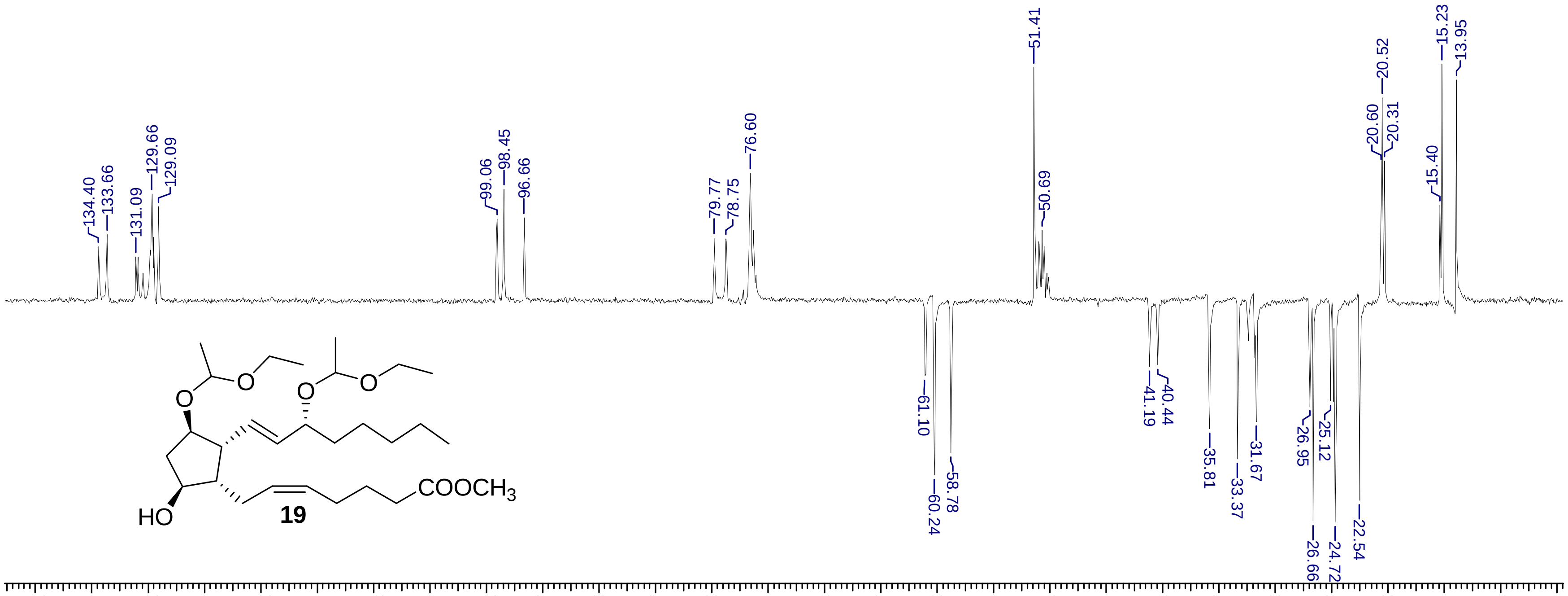
23 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur yas2-11 exp 3 TBAF pur			***Date***	22/07/2009 17:43:52	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000							



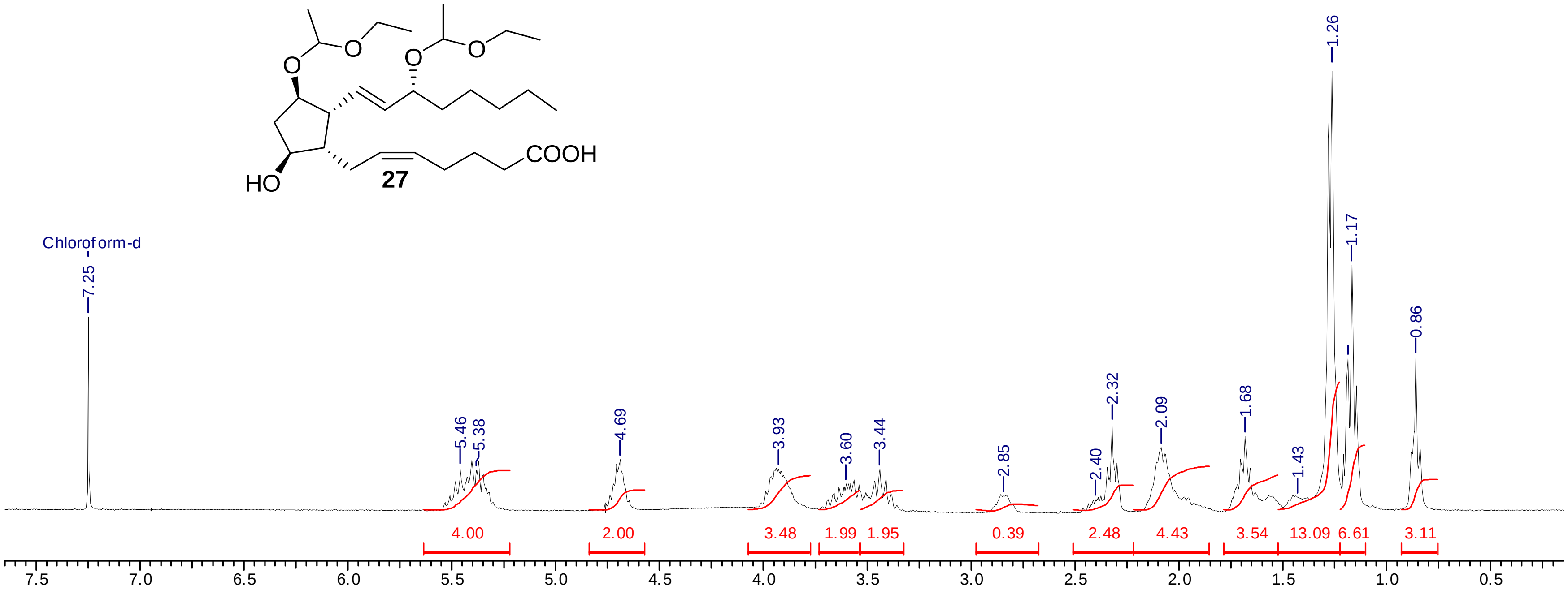
23 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas2-11 exp4 TBAF pur		***Date***	22/07/2009 17:43:56	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						



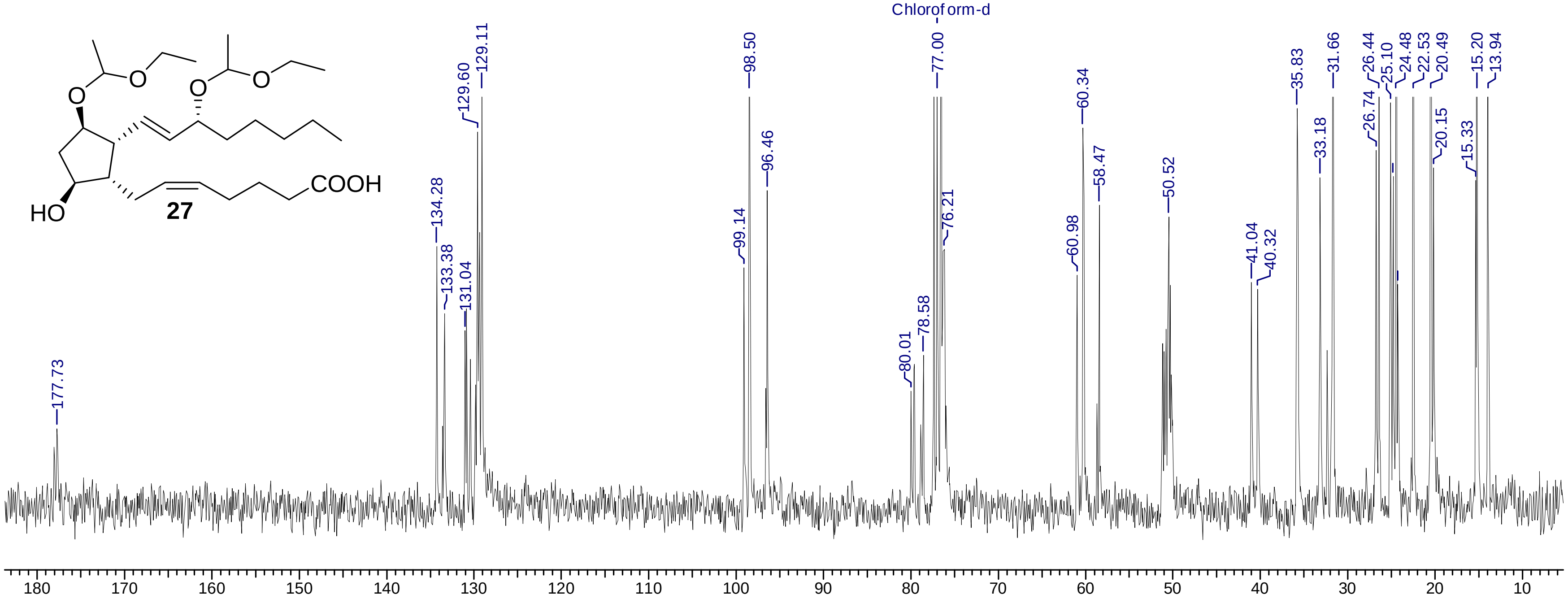
29 Sep 2009

Acquisition Time (sec)	10.3547	*Comment*	1H sur yas2-12 exp 6 acide epimere bas		*Date*	22/07/2009 17:44:40	
Frequency (MHz)	300.13	*Nucleus*	1H	*Original Points Count* 32768	*Points Count*	32768	*Sweep Width (Hz)* 3164.56
Temperature (grad C)	0.000						



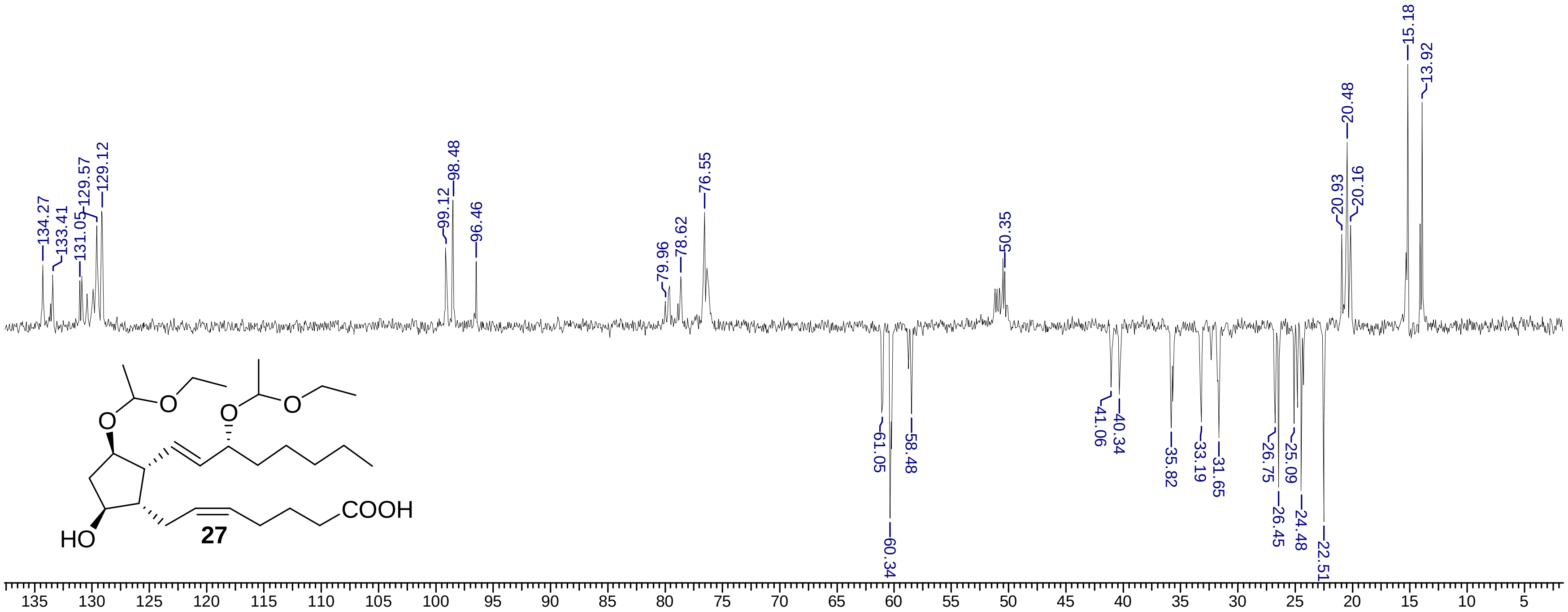
23 Jul 2009

Acquisition Time (sec) 1.7695	***Comment***	13C sur yas2-12 exp 7 acide sans AcOEt epimere bas		***Date***	22/07/2009 17:44:44		
Frequency (MHz) 75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52
Temperature (grad C) 0.000							



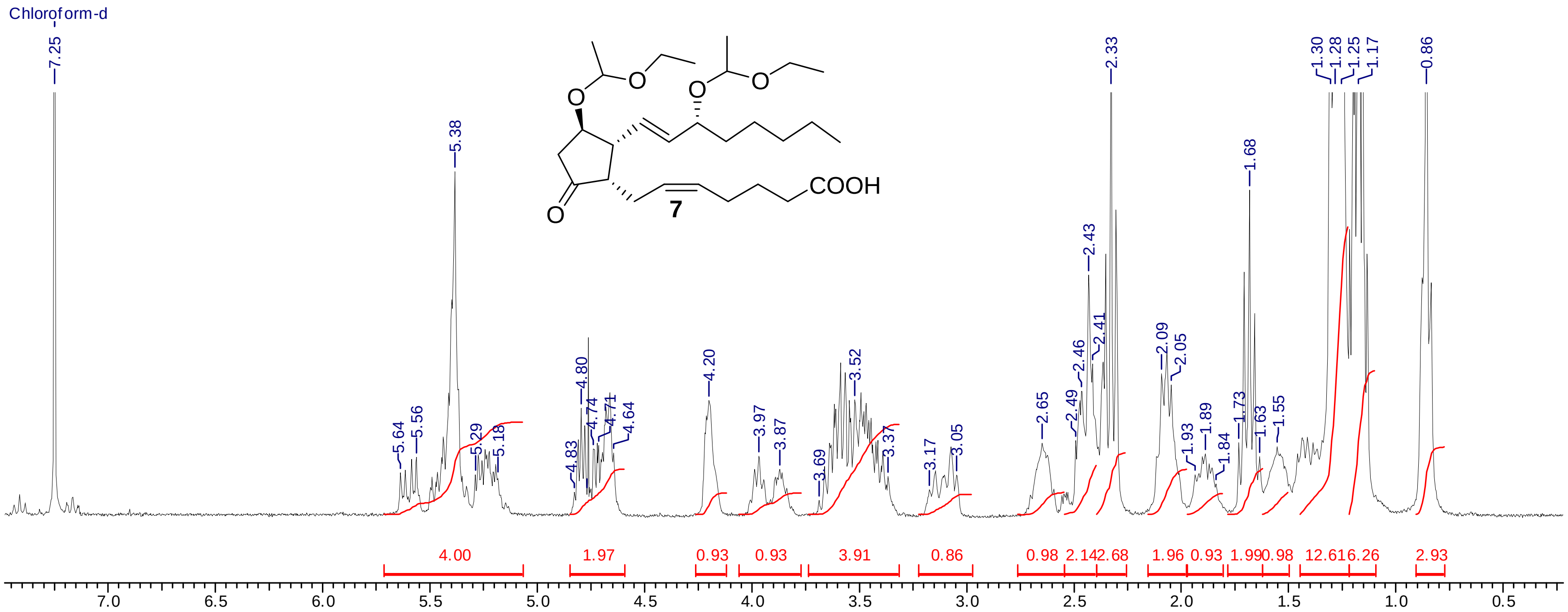
23 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas2-12 exp 5 acide epimere bas		***Date***	22/07/2009 17:44:36	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						



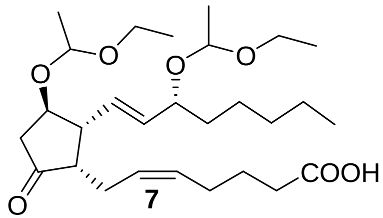
27 Jul 2009

Acquisition Time (sec)	10.3547	***Comment***	1H sur yas2-17 exp 1 DMP sur epimere bas			***Date***	22/07/2009 17:45:32	
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)*** 3164.56
Temperature (grad C)	0.000							

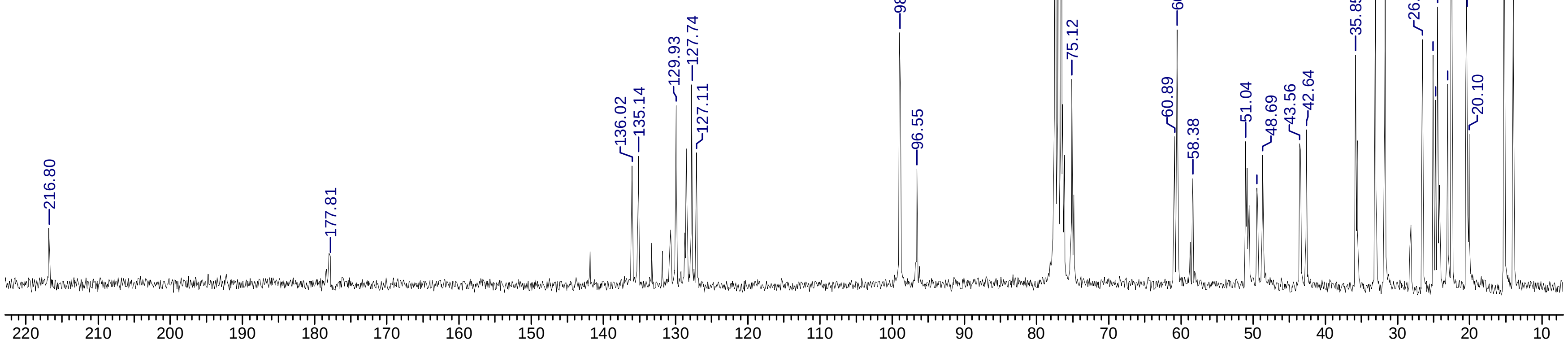


23 Jul 2009

Acquisition Time (sec)	1.7695	Comment	13C sur yas2-17 exp 4 DMP epimere bas			Date	22/07/2009 17:45:44		
Frequency (MHz)	75.47	Nucleus	13C	Original Points Count	32768	Points Count	32768	Sweep Width (Hz)	18518.52
Temperature (grad C)	0.000								

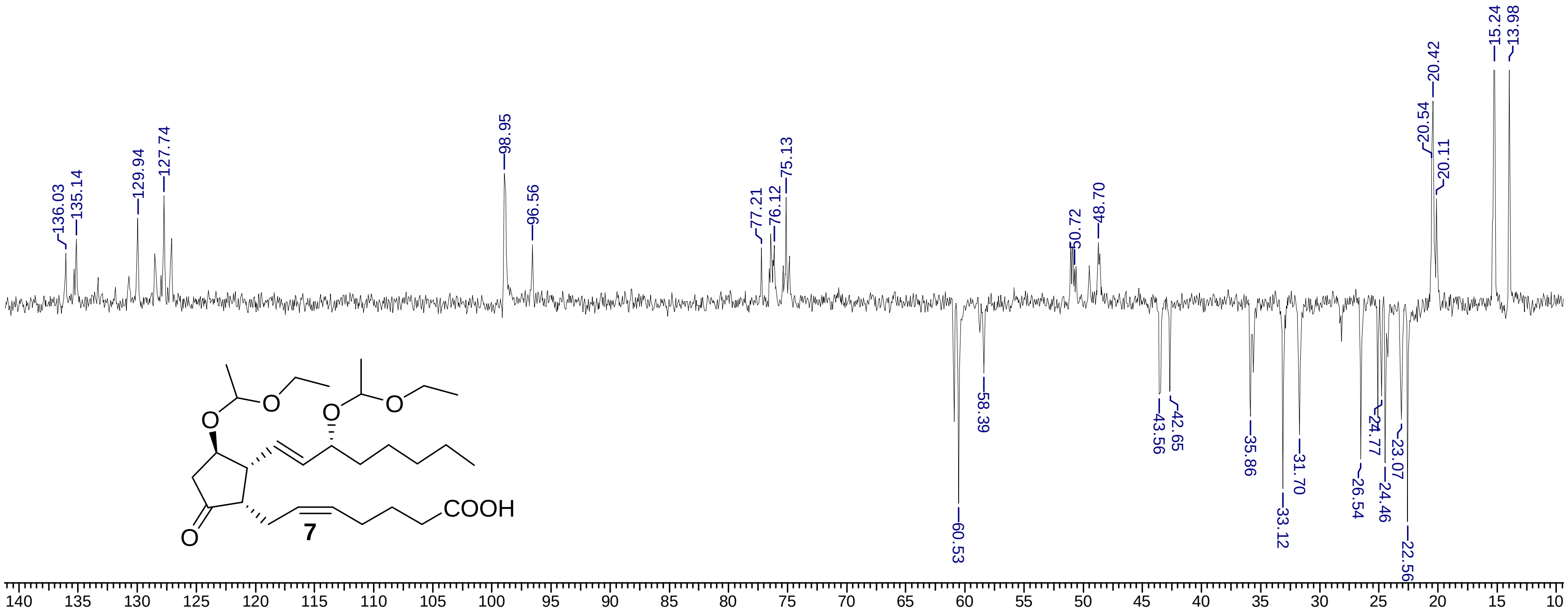


7



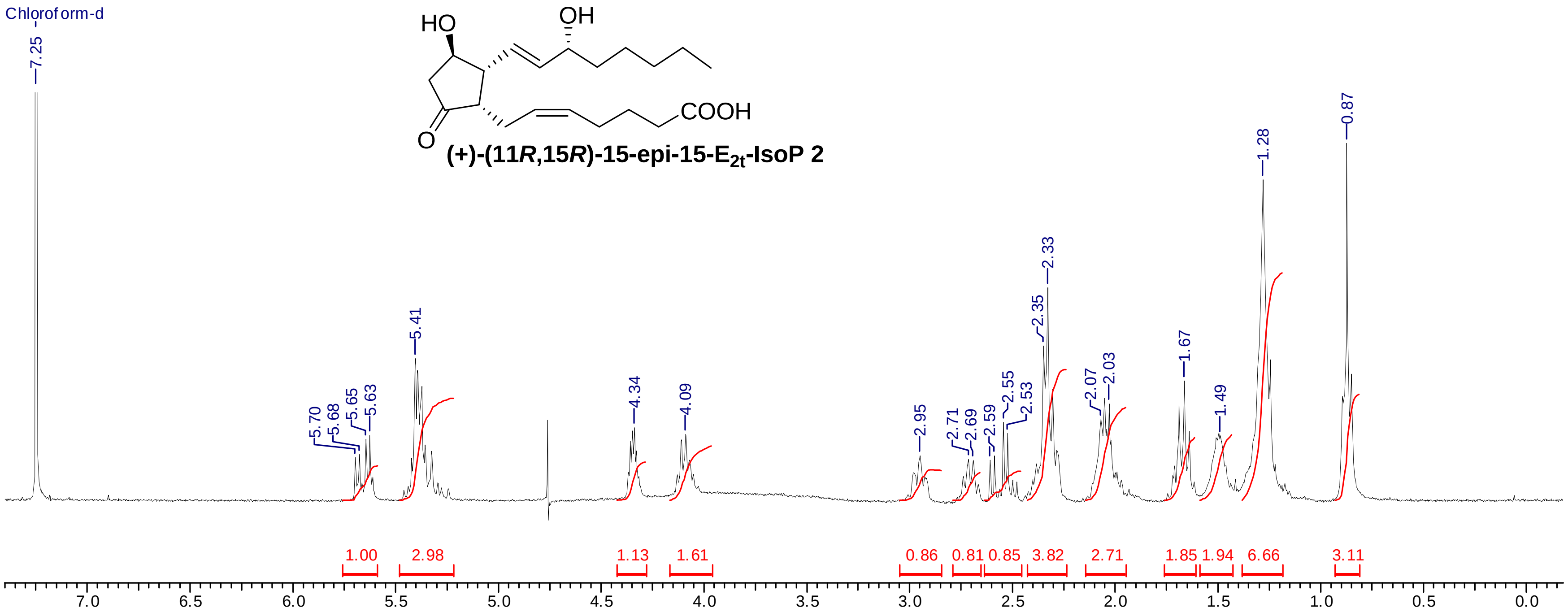
23 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas2-17 exp 5 DMP epimere bas			***Date***	22/07/2009 17:45:48		
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count***	32768	***Points Count***	32768	***Sweep Width (Hz)***	18518.52
Temperature (grad C)	0.000								



29 Sep 2009

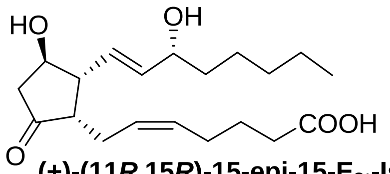
Acquisition Time (sec)	10.3547	Comment	1H sur yas2-18 exp 1 15-E 2t-IsoP solide blanc		Date	27/07/2009 14:02:16		
Frequency (MHz)	300.13	Nucleus	1H	Original Points Count 32768	Points Count	32768	Sweep Width (Hz)	3164.56
Temperature (grad C)	0.000							



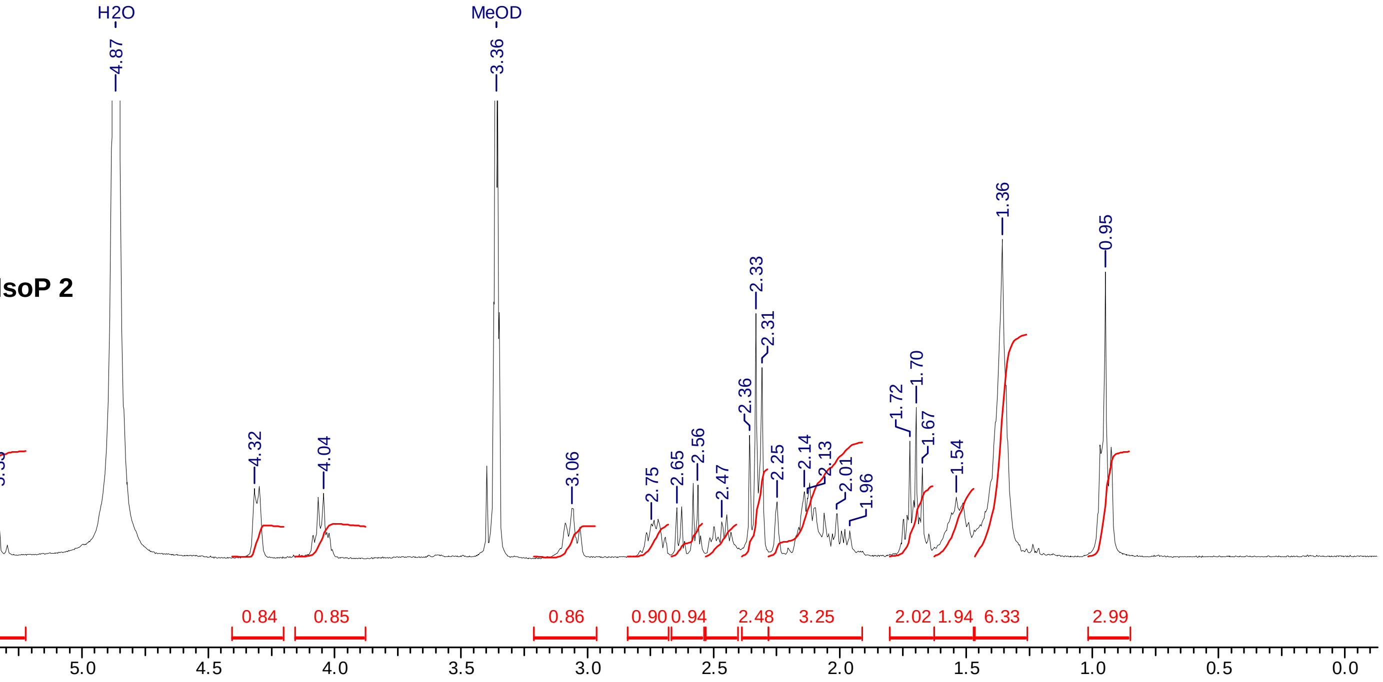
(+)-(11*R*,15*R*)-15-epi-15-E_{2t}-IsoP 2

29 Sep 2009

Acquisition Time (sec)	10.3547	***Comment***	1H sur 15-E2t-IsoP dans le M		23/07/2009 11:36:08		
Frequency (MHz)	300.13	***Nucleus***	1H	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 3164.56
Temperature (grad C)	0.000						

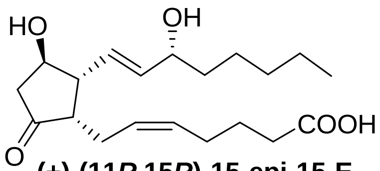


(+)-(11*R*,15*R*)-15-epi-15-E$_{2t}$-IsoP 2

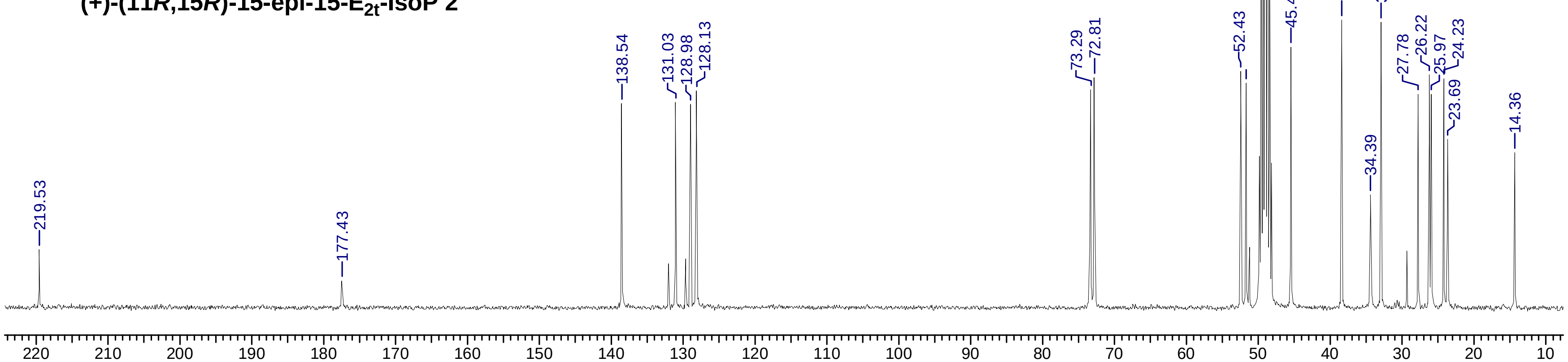


23 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	13C sur yas2-20 exp 3 15-E2t IsoP solide blanc		***Date***	23/07/2009 11:36:18	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						

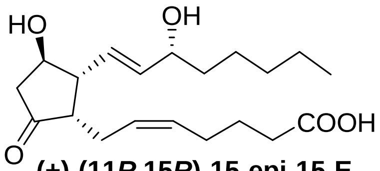


(+)-(11*R*,15*R*)-15-epi-15-E$_{2t}$-IsoP 2



23 Jul 2009

Acquisition Time (sec)	1.7695	***Comment***	Dept135 sur yas2-20 exp 4 15-E2t-IsoP solide blanc		***Date***	23/07/2009 11:36:22	
Frequency (MHz)	75.47	***Nucleus***	13C	***Original Points Count*** 32768	***Points Count***	32768	***Sweep Width (Hz)*** 18518.52
Temperature (grad C)	0.000						



(+)-(11*R*,15*R*)-15-epi-15-E_{2t}-IsoP 2