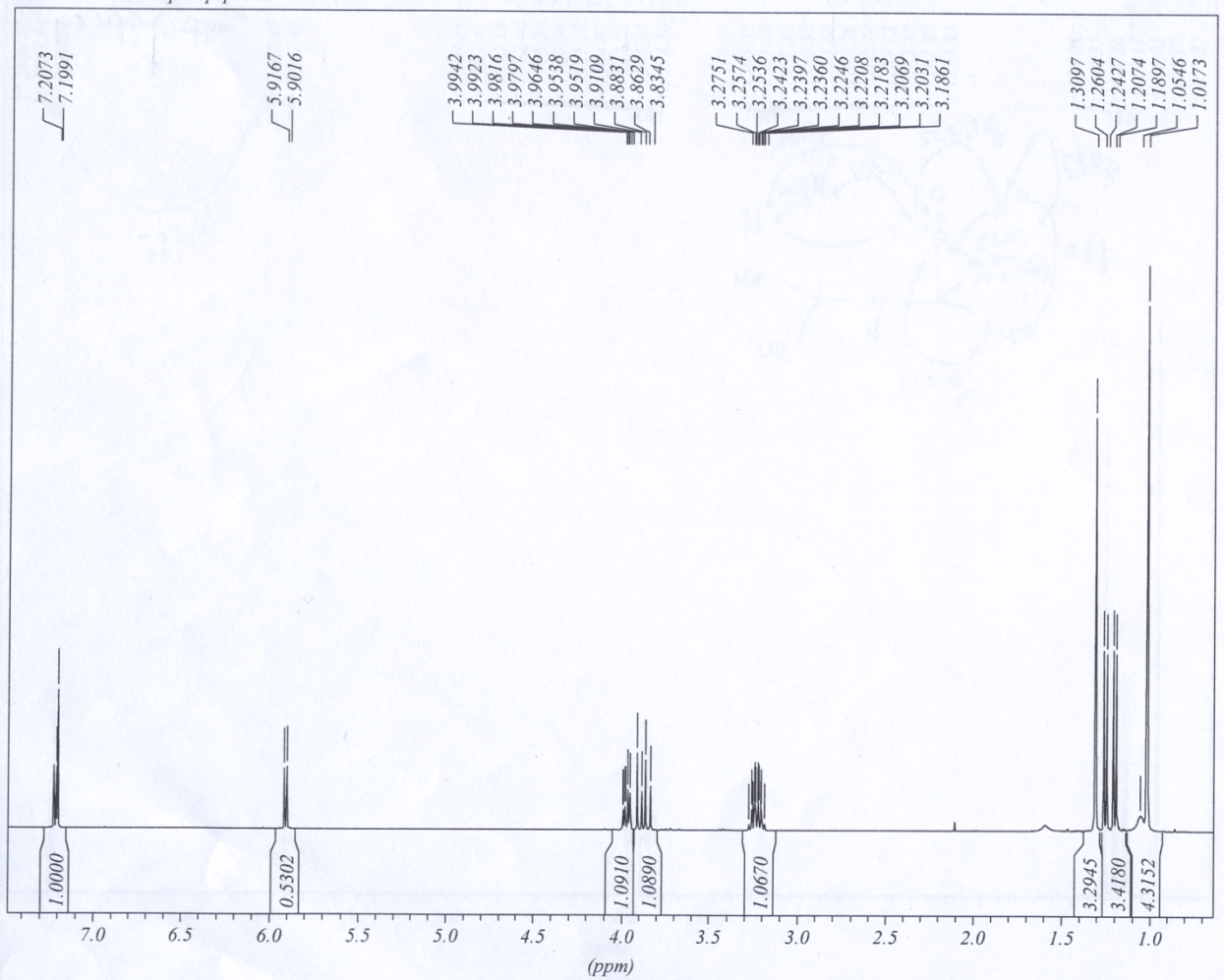
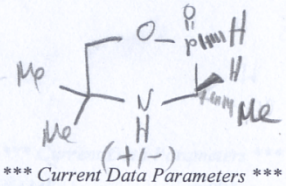
PROTON CDCl3 opt/topspin





*** Current Data Parameters ***

NAME	:	tg003
EXPNO	:	61
PROCNO	:	1

*** Acquisition Parameters ***

DATE_t	:	04:19:04
DATE_d	:	Jan 26 2007
DS	:	2
NS	:	16
NUC1	:	1H
O1	:	2470.97 Hz
RG	:	362.0000000
SFO1	:	400.1324710 MHz
SOLVENT	:	CDCl3
SW	:	20.6885 ppm
SW_h	:	8278.146 Hz
TD	:	65536

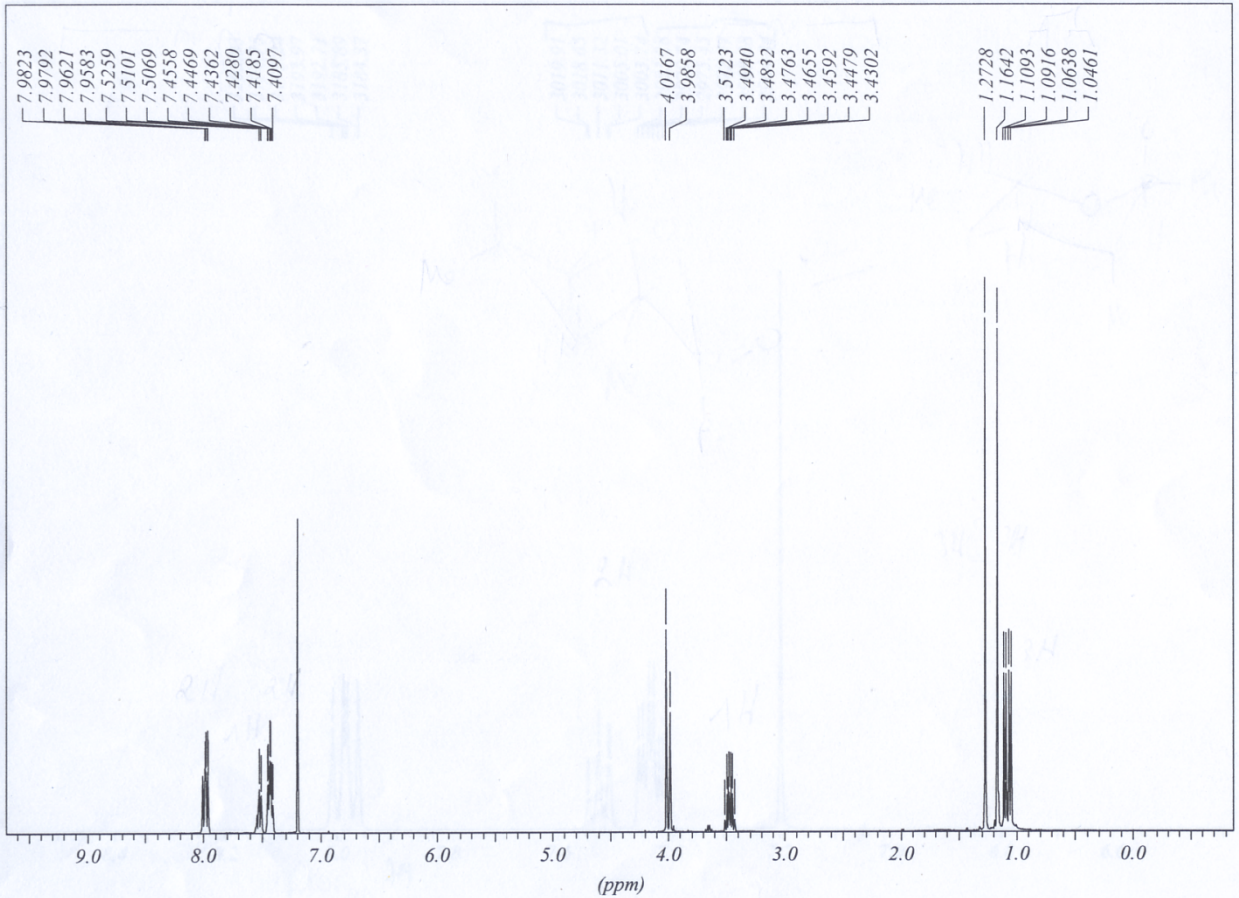
*** Processing Parameters ***

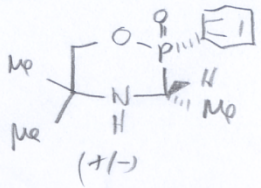
GB	:	0.0000000
LB	:	0.30 Hz
NCOEF	:	0
PC	:	1.00
SF	:	400.1300343 MHz

*** 1D NMR Plot Parameters ***

Start	:	7.48 ppm
Stop	:	0.64 ppm
SR	:	34.28 Hz
SOLVENT	:	?

PROTON CDCl3 opt/topspin





*** Current Data Parameters ***

NAME	:	pc042
EXPNO	:	31
PROCNO	:	1

*** Acquisition Parameters ***

DATE_t	:	05:28:11
DATE_d	:	Feb 27 2007
DS	:	2
NS	:	16
NUC1	:	1H
O1	:	2470.97 Hz
RG	:	143.6999969
SFO1	:	400.1324710 MHz
SOLVENT	:	CDCl3
SW	:	20.6885 ppm
SW_h	:	8278.146 Hz
TD	:	65536

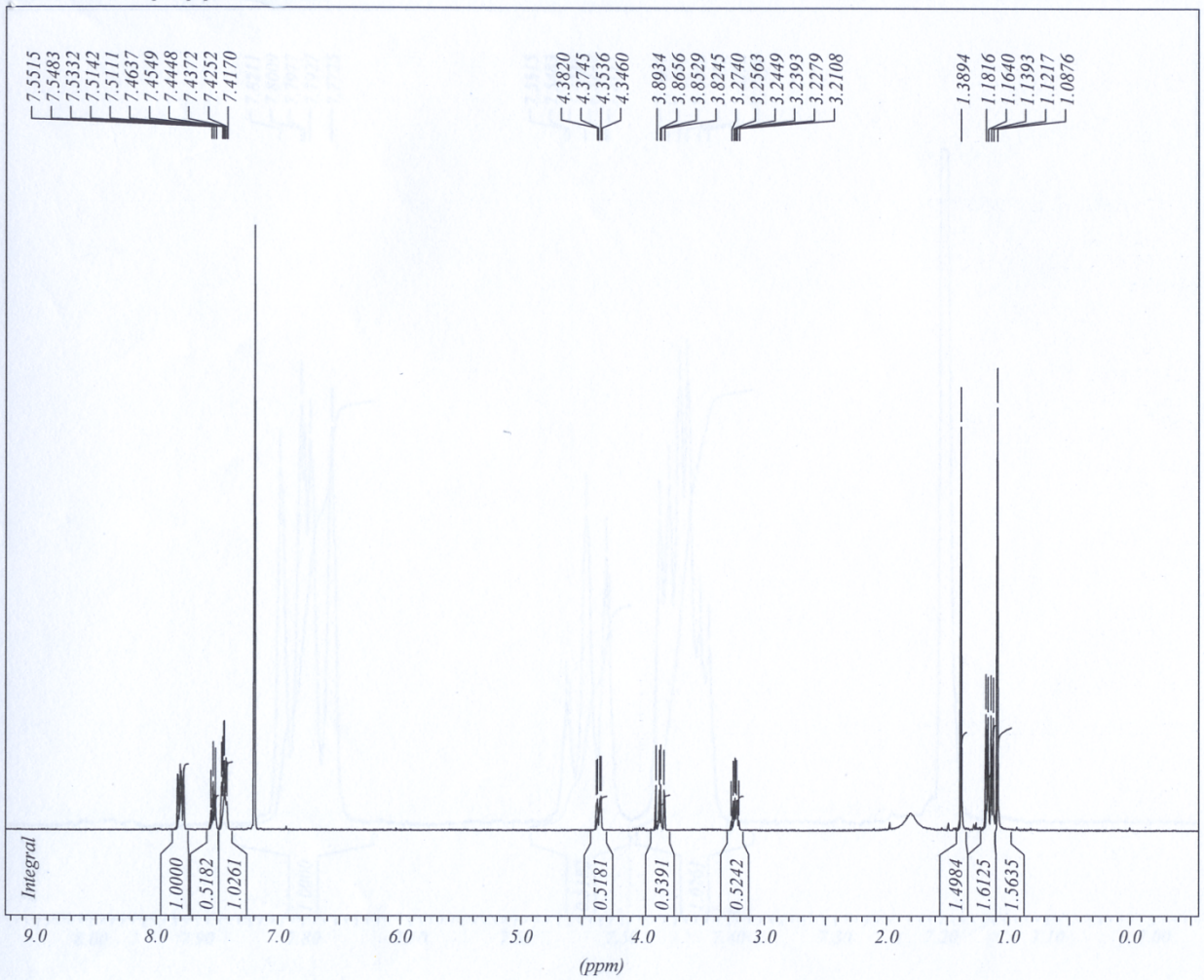
*** Processing Parameters ***

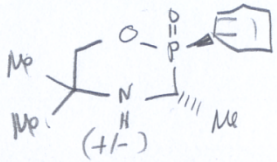
GB	:	0.0000000
LB	:	0.30 Hz
NCOEF	:	0
PC	:	1.00
SF	:	400.1300346 MHz

*** 1D NMR Plot Parameters ***

Start	:	9.69 ppm
Stop	:	-0.87 ppm
SR	:	34.63 Hz
SOLVENT	:	?

PROTON CDCl3 opt/topspin





*** Current Data Parameters ***

NAME	:	27mar
EXPNO	:	22
PROCNO	:	0

*** Acquisition Parameters ***

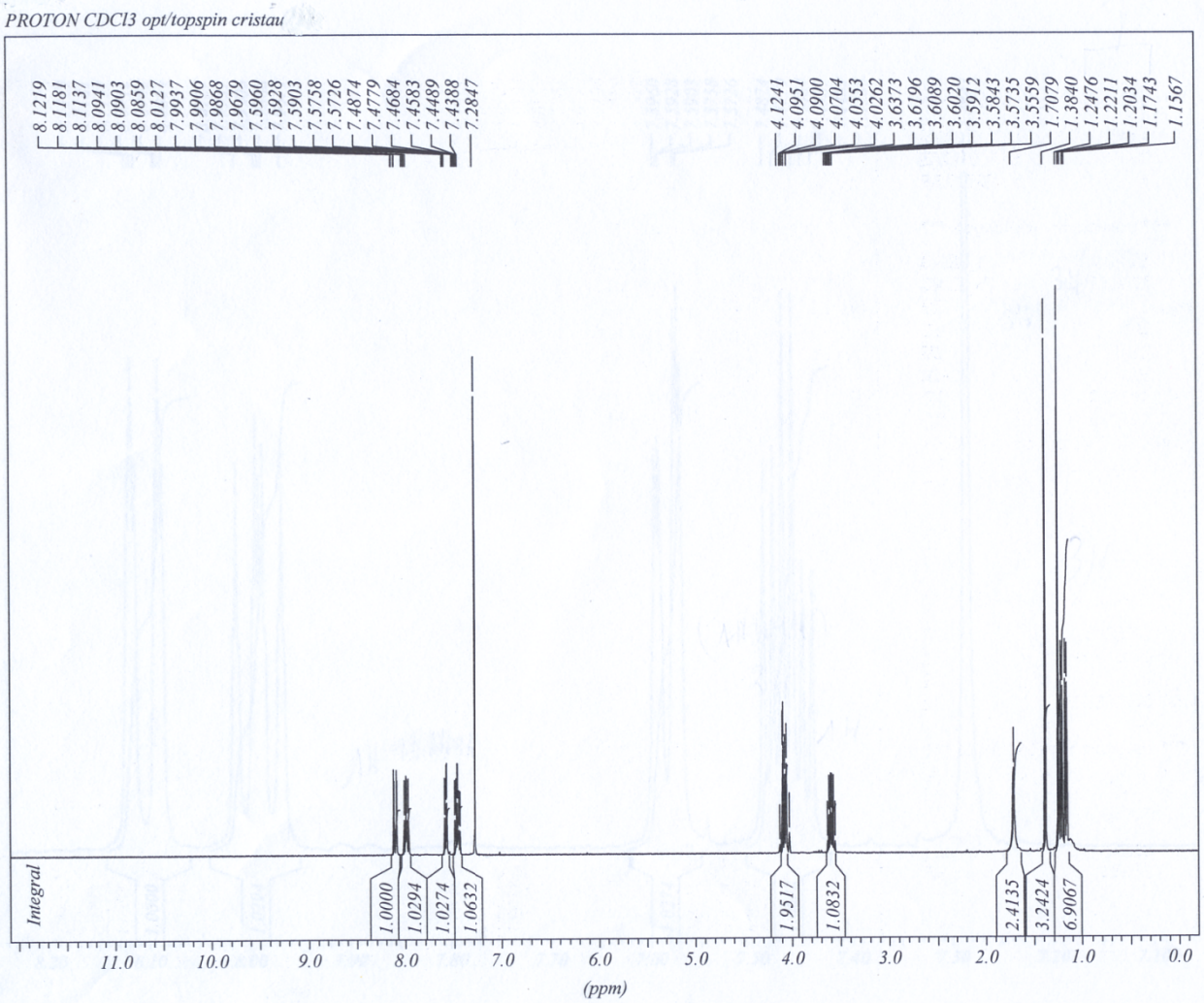
DATE_t	:	04:16:24
DATE_d	:	Mar 27 2007
DE	:	6.0 usec
DS	:	2
NS	:	32
NUC1	:	1H
O1	:	2470.97 Hz
O2	:	2470.97 Hz
PROBHD	:	5 mm PAQNP Switch-1H Z-C
RG	:	456.1000061
SFO1	:	400.1324710 MHz
SW	:	20.6885 ppm
SW_h	:	8278.146 Hz
TD	:	65536

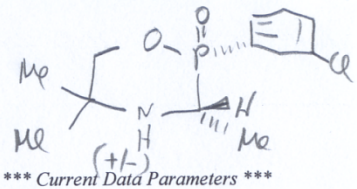
*** Processing Parameters ***

GB	:	0.0000000
LB	:	0.10 Hz
PC	:	1.00
SF	:	400.1300360 MHz

*** 1D NMR Plot Parameters ***

Start	:	9.24 ppm
Stop	:	-0.57 ppm
SR	:	35.99 Hz
ppm_cm	:	0.46
Hz_cm	:	185.10





*** Current Data Parameters ***

NAME	:	15june
EXPNO	:	40
PROCNO	:	1

*** Acquisition Parameters ***

DATE_t	:	02:04:28
DATE_d	:	Jun 15 2007
DE	:	6.0 usec
DS	:	2
NS	:	16
NUC1	:	1H
O1	:	2470.97 Hz
O2	:	2470.97 Hz
PROBHD	:	5 mm PAQNP Switch-1H Z-C
RG	:	161.3000031
SFO1	:	400.1324710 MHz
SW	:	20.6885 ppm
SW_h	:	8278.146 Hz
TD	:	65536

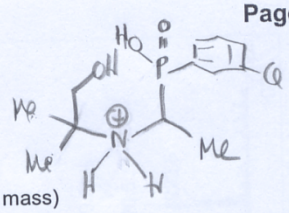
*** Processing Parameters ***

GB	:	0.0000000
LB	:	0.30 Hz
PC	:	1.00
SF	:	400.1300000 MHz

*** 1D NMR Plot Parameters ***

Start	:	12.09 ppm
Stop	:	-0.20 ppm
SR	:	-0.00 Hz
ppm_cm	:	0.58
Hz_cm	:	231.86

Elemental Composition Report



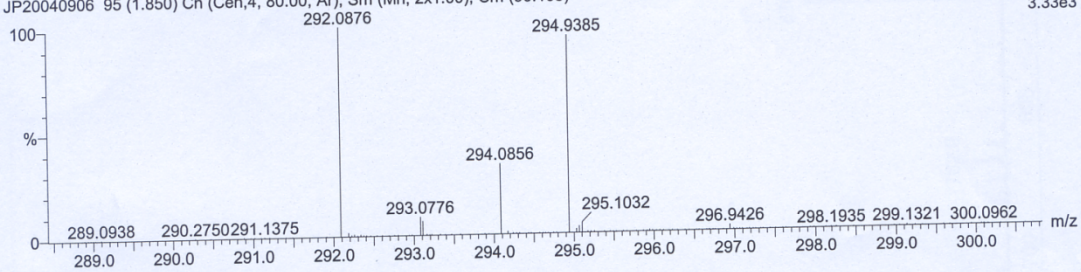
Single Mass Analysis (displaying only valid results)
Tolerance = 3.0 mDa / DBE: min = -5.0, max = 50.0
Isotope cluster parameters: Separation = 1.0 Abundance = 1.0%

Monoisotopic Mass, Odd and Even Electron Ions
77 formula(e) evaluated with 2 results within limits (up to 50 closest results for each mass)

Q-TOF
JP20040906 95 (1.850) Cn (Cen,4, 80.00, Ar); Sm (Mn, 2x1.00); Cm (90:105)

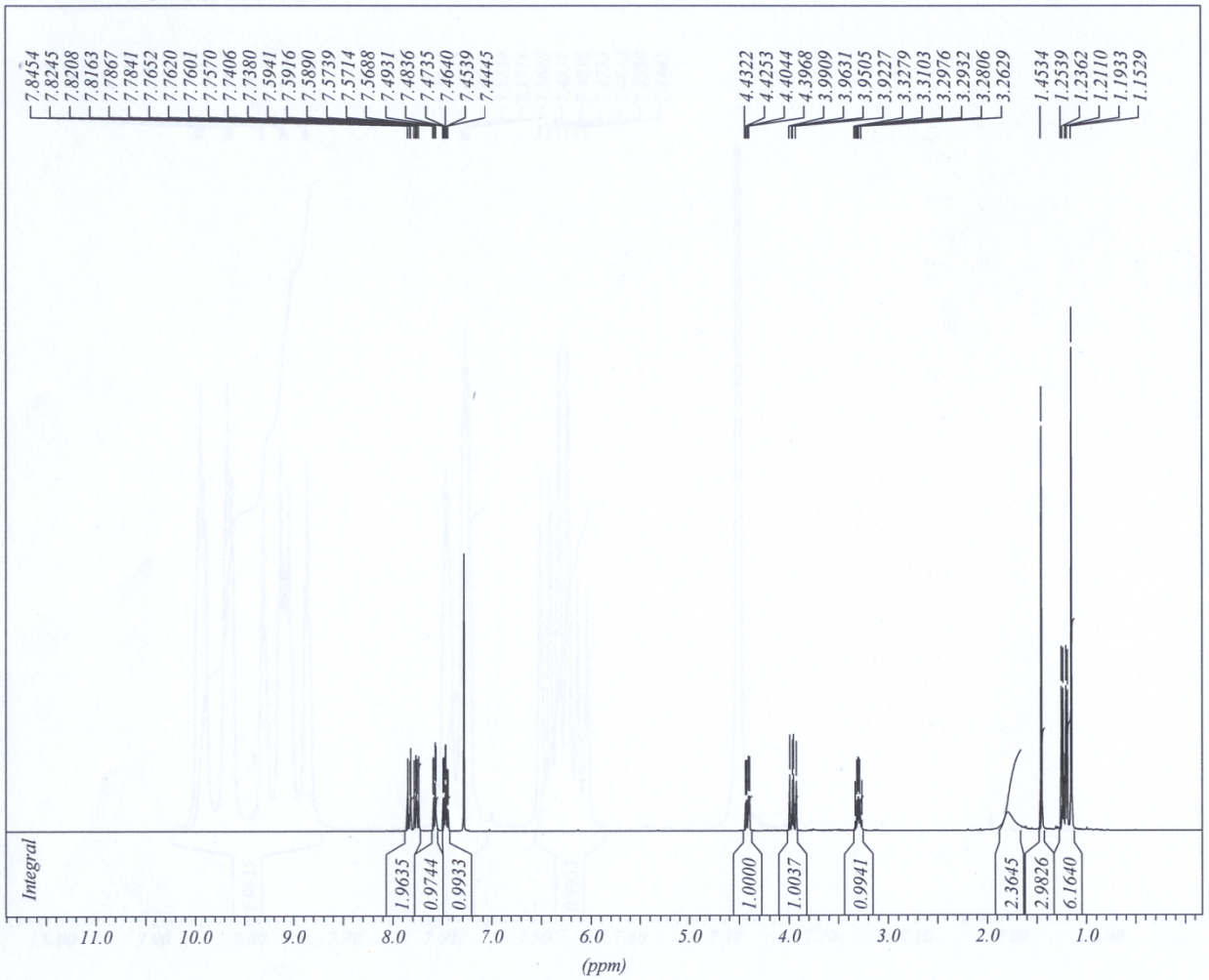
DF 117 / Mmono = 291.08

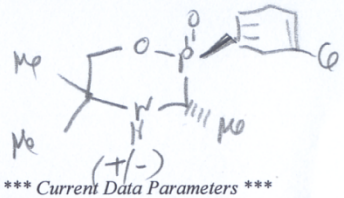
20-APR-2009
TOF MS ES+
3.33e3



Minimum:				-5.0		
Maximum:		3.0	5.0	50.0		
Mass	Calc. Mass	mDa	PPM	DBE	Score	Formula
292.0876	292.0869	0.7	2.3	3.5	1	C12 H20 N O3 P Cl
	292.0856	2.0	6.9	4.0	2	C10 H18 N4 O2 P Cl

PROTON CDCl3 opt/topspin





*** Current Data Parameters ***

NAME	:	15june
EXPNO	:	60
PROCNO	:	1

*** Acquisition Parameters ***

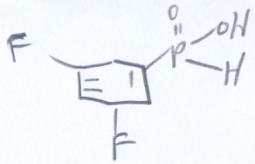
DATE_t	:	02:40:58
DATE_d	:	Jun 15 2007
DE	:	6.0 usec
DS	:	2
NS	:	16
NUC1	:	1H
O1	:	2470.97 Hz
O2	:	2470.97 Hz
PROBHD	:	5 mm PAQNP Switch-1H Z-C
RG	:	143.6999969
SFO1	:	400.1324710 MHz
SW	:	20.6885 ppm
SW_h	:	8278.146 Hz
TD	:	65536

*** Processing Parameters ***

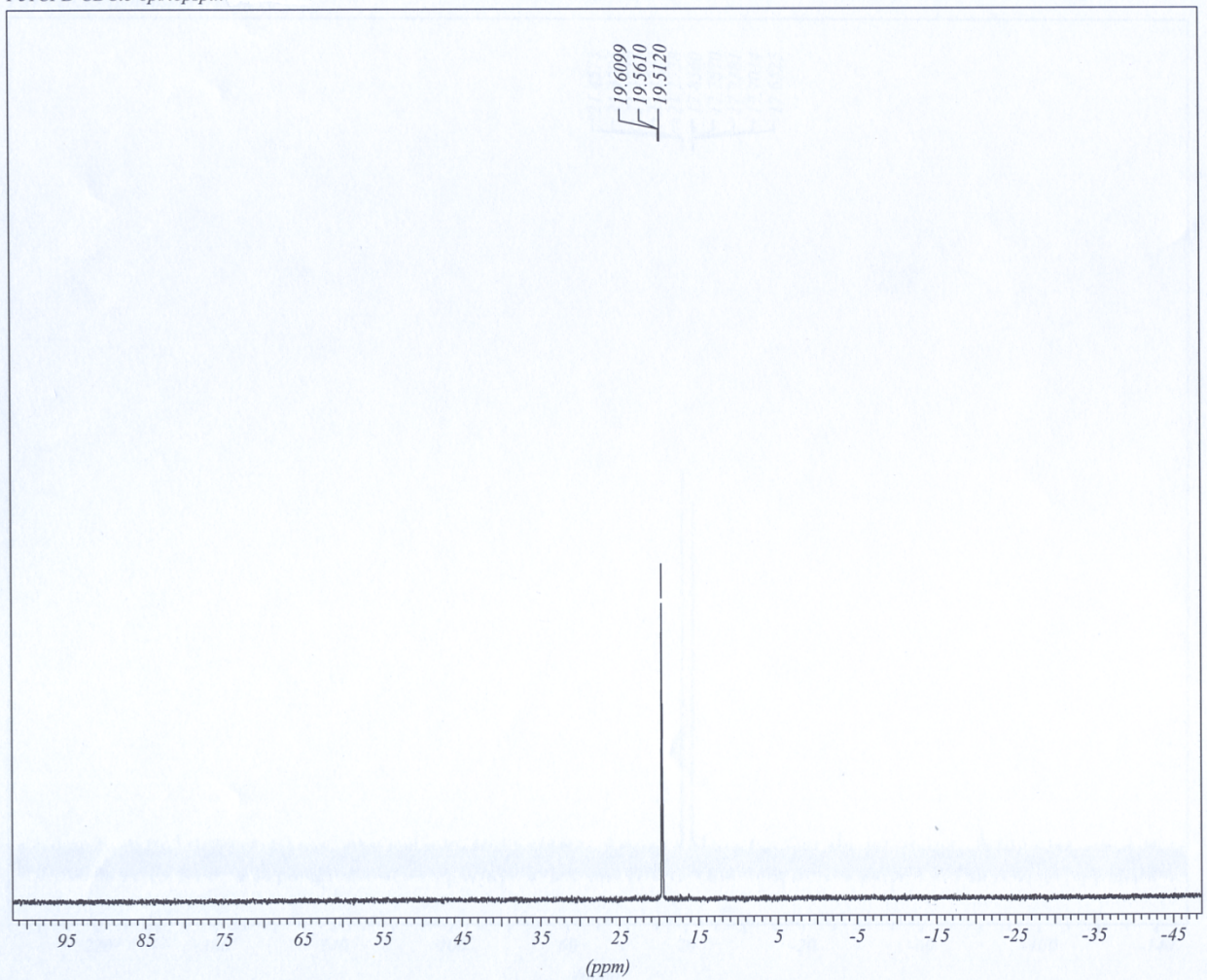
GB	:	0.0000000
LB	:	0.30 Hz
PC	:	1.00
SF	:	400.1300000 MHz

*** 1D NMR Plot Parameters ***

Start	:	11.91 ppm
Stop	:	-0.17 ppm
SR	:	-0.00 Hz
ppm_cm	:	0.57
Hz_cm	:	228.01



P31CPD CDCl3 opt/topspin



*** Current Data Parameters ***

NAME	:	10may
EXPNO	:	320
PROCNO	:	1

*** Acquisition Parameters ***

DATE_t	:	10:56:54
DATE_d	:	May 10 2007
DE	:	6.0 usec
DS	:	4
NS	:	64
NUC1	:	31P
O1	:	8098.78 Hz
O2	:	1600.52 Hz
PROBHD	:	5 mm PAQNP Switch-1H Z-C
RG	:	20642.5000000
SFO1	:	161.9836718 MHz
SW	:	200.4371 ppm
SW_h	:	32467.532 Hz
TD	:	65536

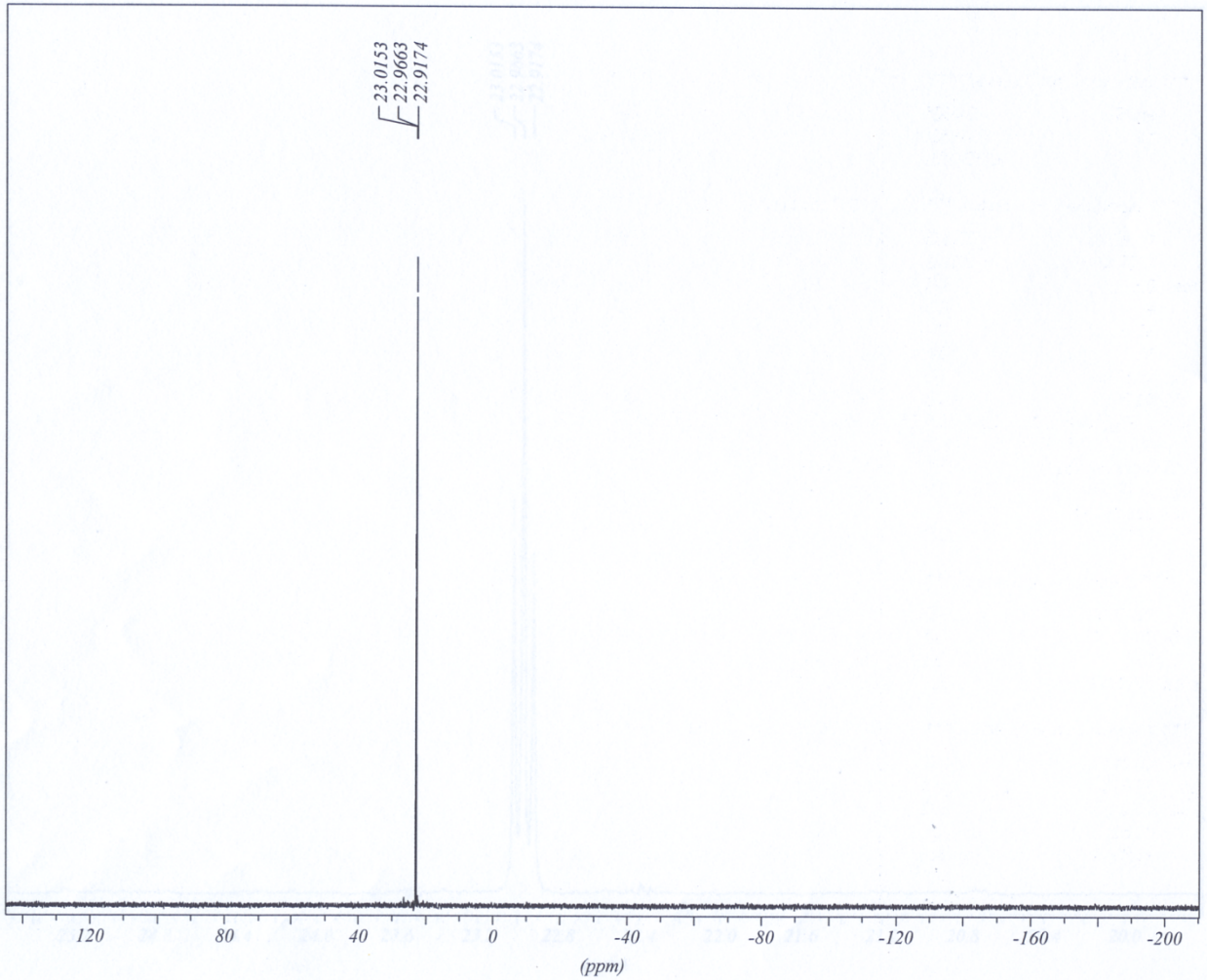
*** Processing Parameters ***

GB	:	0.0000000
LB	:	1.00 Hz
PC	:	1.40
SF	:	161.9755730 MHz

*** 1D NMR Plot Parameters ***

Start	:	101.76 ppm
Stop	:	-48.66 ppm
SR	:	0.01 Hz
ppm_cm	:	7.10
Hz_cm	:	1149.27

P31CPD CDCl3 opt/topspin cristau 4



*** Current Data Parameters ***

NAME	:	12june
EXPNO	:	31
PROCNO	:	1

*** Acquisition Parameters ***

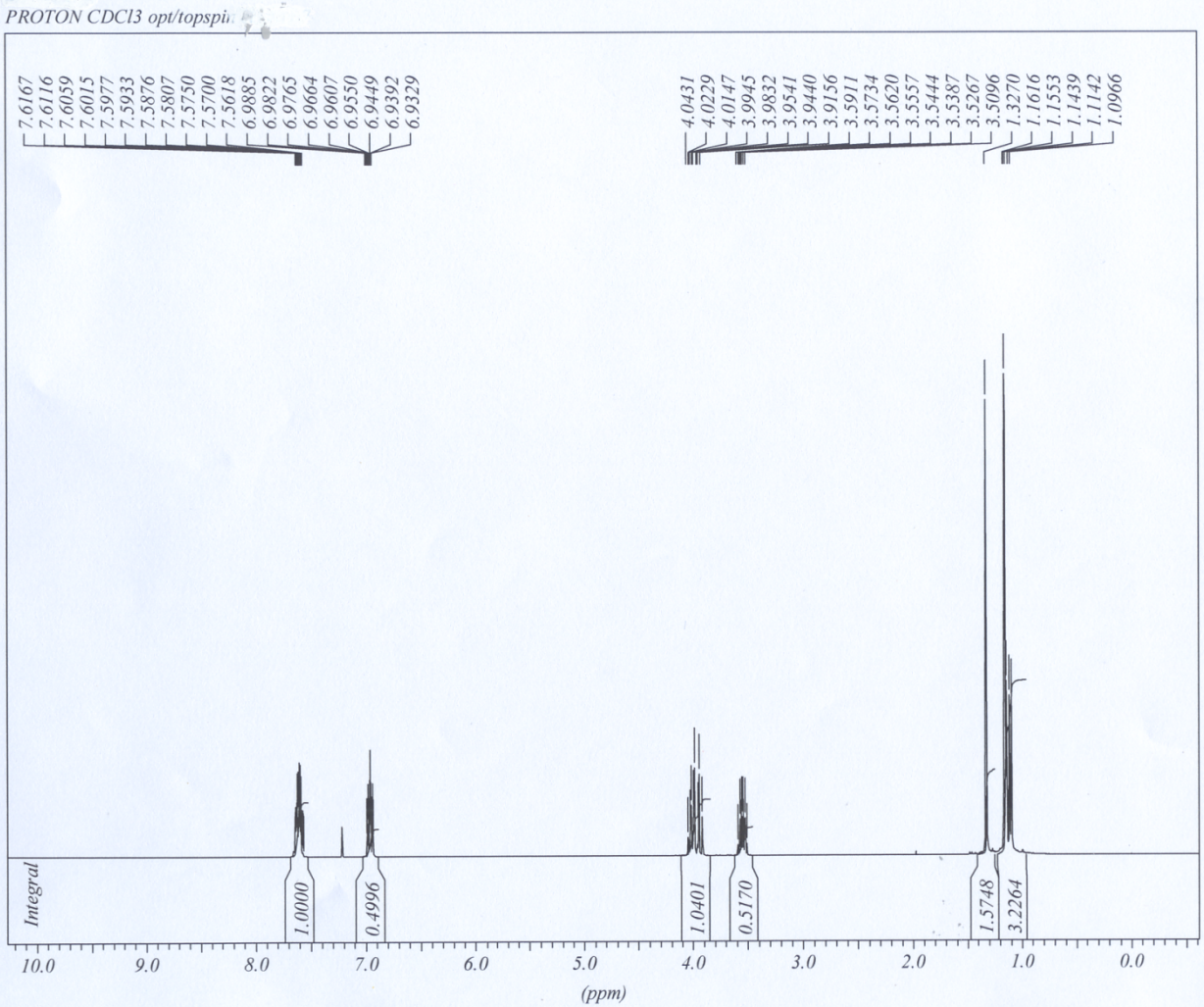
DATE_t	:	06:08:07
DATE_d	:	Jun 12 2007
DE	:	6.0 usec
DS	:	4
NS	:	16
NUC1	:	31P
O1	:	-8078.82 Hz
O2	:	1600.52 Hz
PROBHD	:	5 mm PAQNP Switch-1H Z-C
RG	:	16384.0000000
SFO1	:	161.9674942 MHz
SW	:	400.9142 ppm
SW_h	:	64935.065 Hz
TD	:	65536

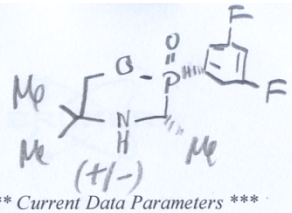
*** Processing Parameters ***

GB	:	0.0000000
LB	:	1.00 Hz
PC	:	1.40
SF	:	161.9755730 MHz

*** 1D NMR Plot Parameters ***

Start	:	145.02 ppm
Stop	:	-210.38 ppm
SR	:	0.01 Hz
ppm_cm	:	16.76
Hz_cm	:	2715.34





*** Current Data Parameters ***

NAME	:	pub15~1
EXPNO	:	301
PROCNO	:	1

*** Acquisition Parameters ***

DATE_t	:	07:39:29
DATE_d	:	Nov 24 2009
DE	:	8.0 usec
NS	:	16
O1	:	2470.97 Hz
PROBHD	:	5 mm PAQNP Switch-1H Z-(
RG	:	71.8000031
SFO1	:	400.1324710 MHz
SW	:	20.6885 ppm
TD	:	65536
TE	:	294.0 K

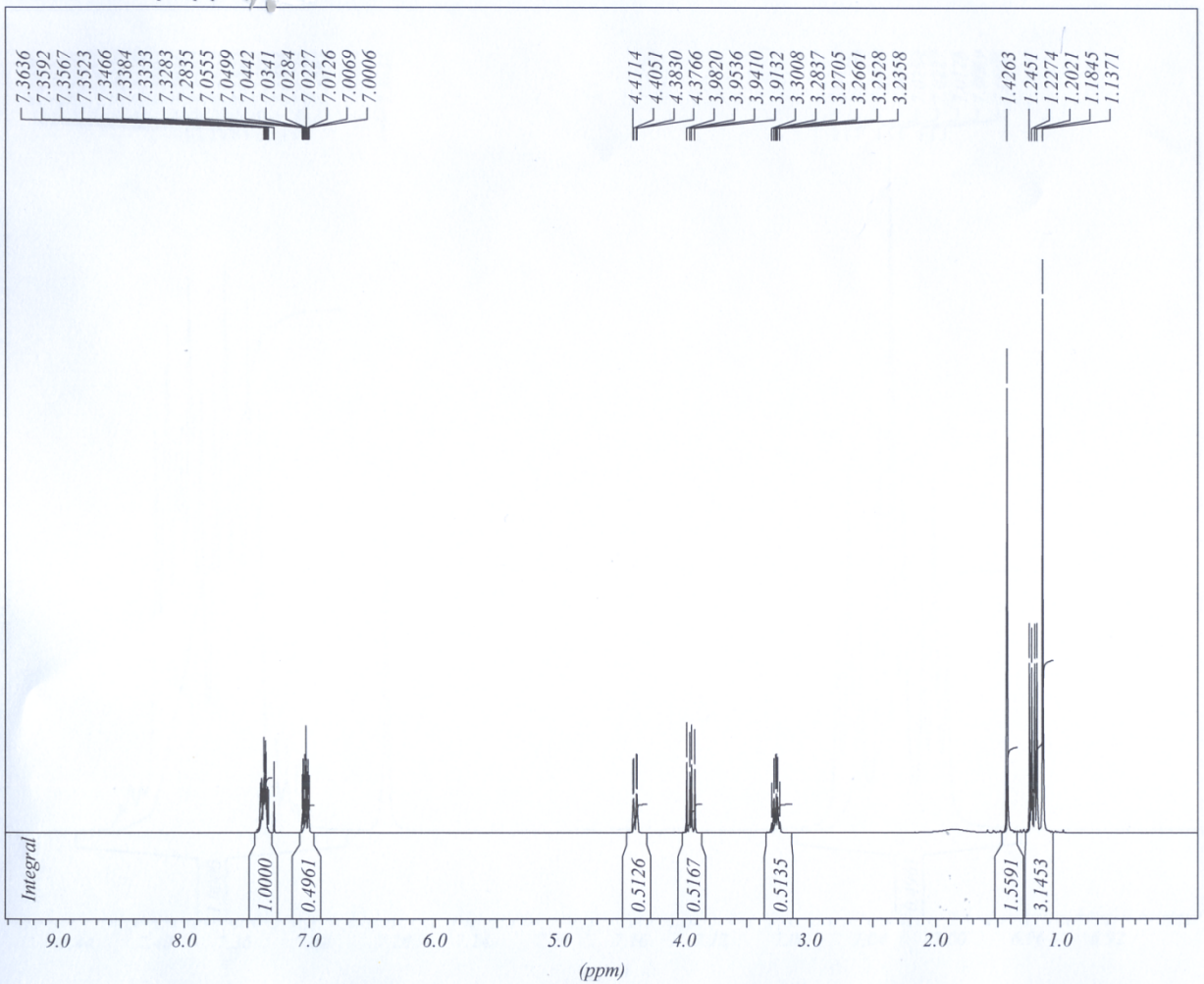
*** Processing Parameters ***

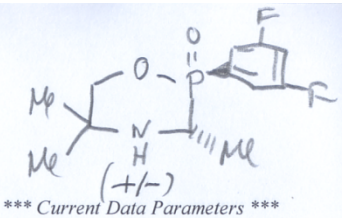
GB	:	0.0000000
LB	:	0.30 Hz
SF	:	400.1300273 MHz
SI	:	32768

*** 1D NMR Plot Parameters ***

Start	:	10.27 ppm
Stop	:	-0.61 ppm
SR	:	27.34 Hz

PROTON CDCl3 opt/topspin





*** Current Data Parameters ***

NAME	:	pub15~1
EXPNO	:	304
PROCNO	:	1

*** Acquisition Parameters ***

DATE_t	:	07:53:29
DATE_d	:	Nov 24 2009
DE	:	8.0 usec
NS	:	16
O1	:	2470.97 Hz
PROBHD	:	5 mm PAQNP Switch-1H Z-(
RG	:	64.0000000
SFO1	:	400.1324710 MHz
SW	:	20.6885 ppm
TD	:	65536
TE	:	294.2 K

*** Processing Parameters ***

GB	:	0.0000000
LB	:	0.30 Hz
SF	:	400.1300000 MHz
SI	:	32768

*** 1D NMR Plot Parameters ***

Start	:	9.42 ppm
Stop	:	-0.10 ppm
SR	:	-0.00 Hz