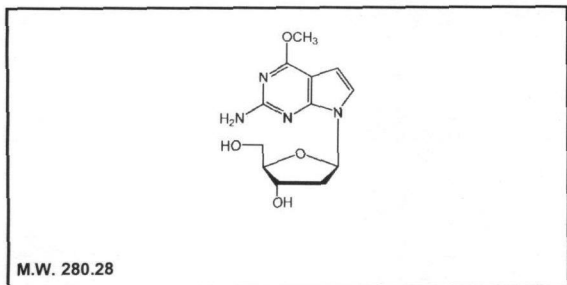




Product Data Sheet

M-1781

7-Deaza-6-methoxy-2'-deoxyguanosine

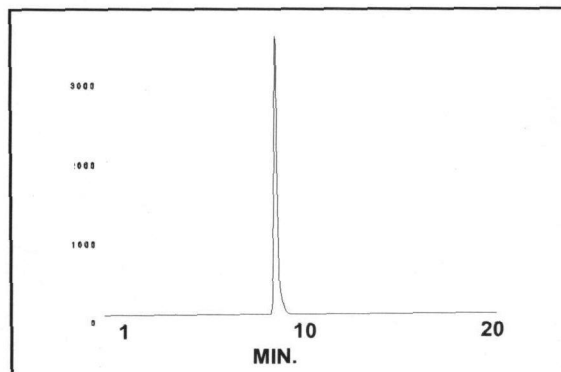


Lot #: 208-285-000-B-20090818-HP

Packaged as: Solid

Date of Analysis: August 18, 2009

Chemical Purity @ 248nm: 99.8%



HPLC ANALYSIS LOT 208-285-000-B-20090818-HP
File Name: int42087 Date and Time: 8/18/2009 3:14:09 PM
Unit 4 UV

Peak #	Area %	Time	Area
1	0.08	3.70000	3.71809
2	99.84	8.79330	4396.63741
3	0.05	10.11330	2.24198
4	0.03	11.42670	1.27537
Totals	100.00		4403.87285

Storage Recommendation: Store at -20°C.

Product Warranty: Stated on the reverse side of this Product Data Sheet.

Caution: Not For Use In Humans Or Clinical Diagnosis. This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.

M-1781

7-Deaza-6-methoxy-2'-deoxyguanosine

Lot 208-285-000-B-20090818-HP

A) All chromatograms were run using the HPLC method described on the Product Data Sheet.

Concentrations and volumes:

7-Deaza-6-methoxy-2'-deoxyguanosine solution concentration was 1.0 mg/mL.

Volume of **7-Deaza-6-methoxy-2'-deoxyguanosine** injection was 2.5 μ L.

Volume of blank injection was 2.5 μ L.

B) Mass spectrometry - Positive mode

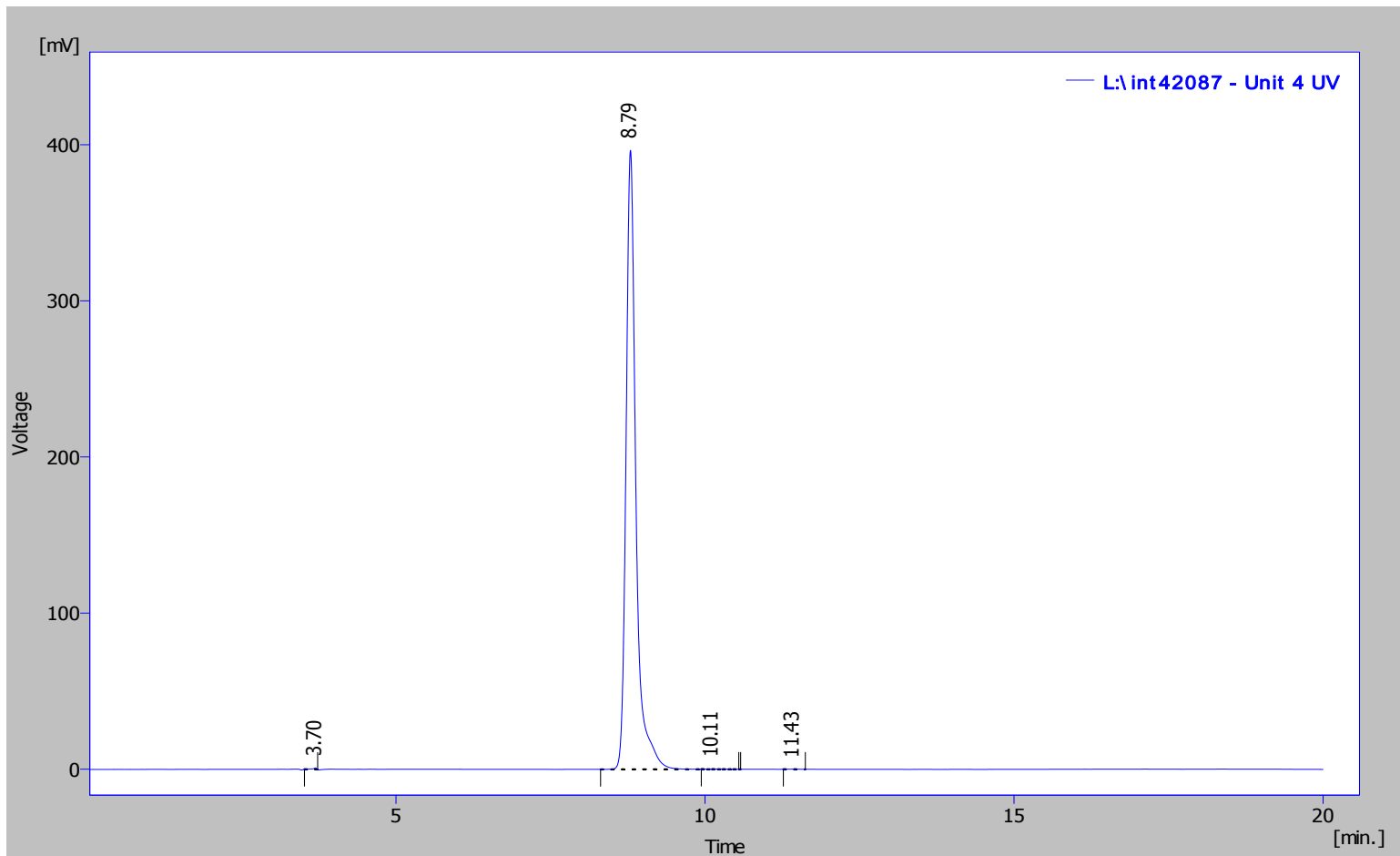
C) NMR

D) UV Spectrum

M-1781
7-Deaza-6-methoxy-2'-deoxyguanosine
Lot 208-285-000-B-20090818-HP

Chromatogram Info:

File Name	: L:\int42087	File Created	: 12/13/2013 2:18:35 PM
Origin	: Acquired, Acquisition started 8/18/2009 2:54:10 PM	Acquired Date	: 8/18/2009 3:14:09 PM
Project	: Test	By	: Administrator
Method	: Unit4-30minrun	By	: Administrator
Description	: UV trace of 7-Deaza-6-methoxy-2'-deoxyguanosine	Modified	: 12/13/2013 2:24 PM
Created	: 8/7/2007 9:44 AM		
Column	:	Detection	: UV 248nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



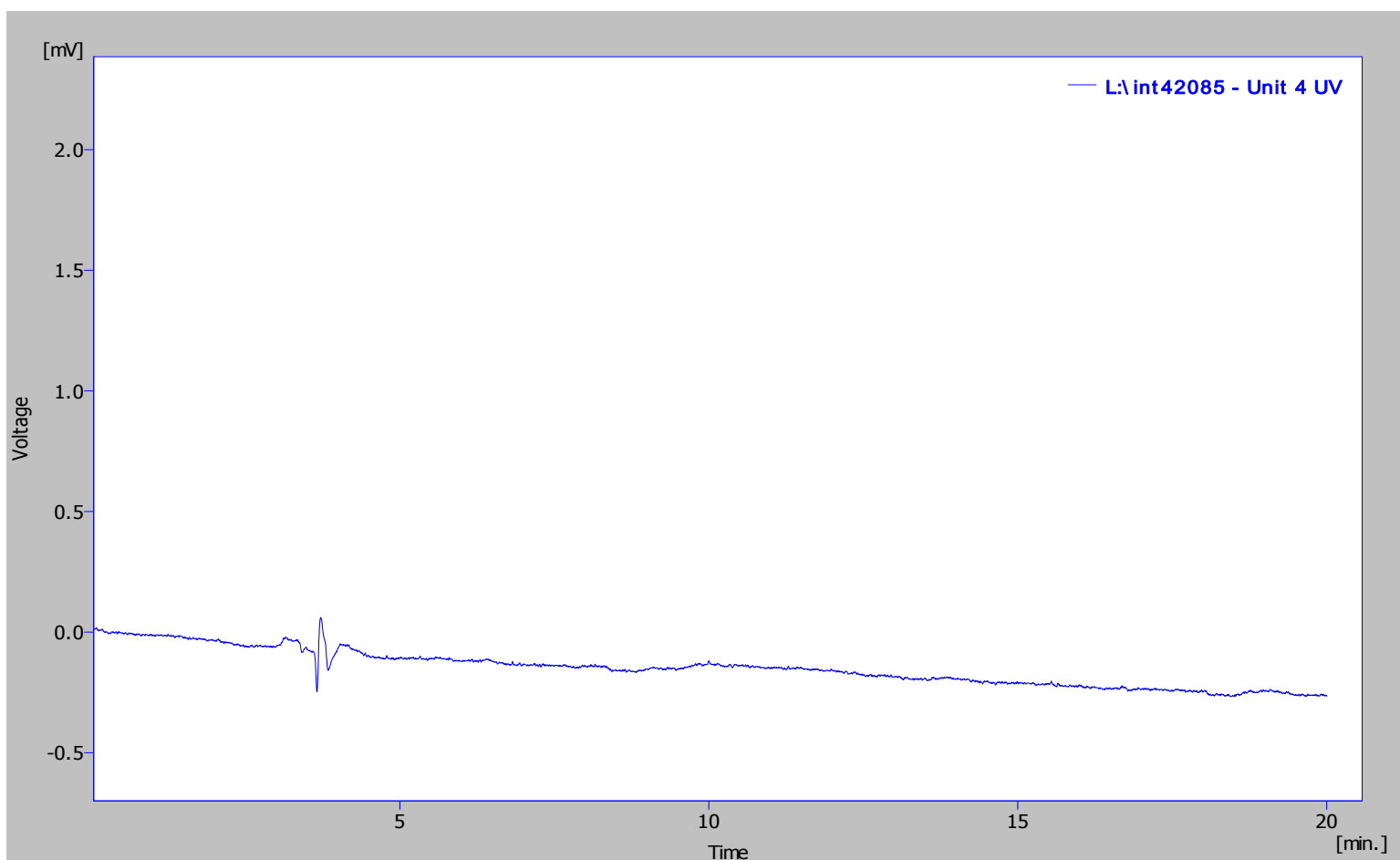
Result Table (Uncal - L:\int42087 - Unit 4 UV)

	Compound Name	Reten. Time [min]	Area [%]	Area [mV.s]	Height [mV]	Height [%]	Efficiency [th.pl]
1		3.700	0.09	4.163	0.942	0.237	26663.414
2		8.793	99.83	4396.637	396.512	99.694	16733.118
3		10.113	0.05	2.242	0.159	0.040	12848.719
4		11.427	0.03	1.275	0.116	0.029	21521.177
		Total	100.00	4404.318	397.729	100.000	

M-1781
7-Deaza-6-methoxy-2'-deoxyguanosine
Lot 208-285-000-B-20090818-HP

Chromatogram Info:

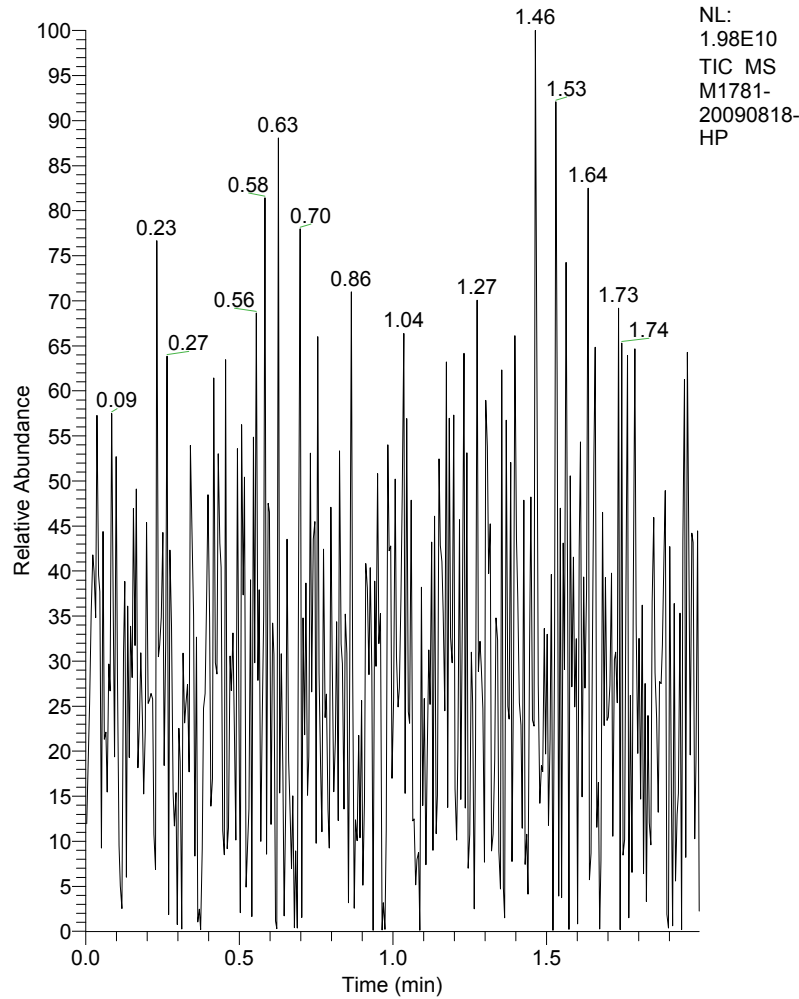
File Name	: L:\int42085	File Created	: 12/13/2013 2:18:36 PM
Origin	: Acquired, Acquisition started 8/18/2009 1:40:40 PM	Acquired Date	: 8/18/2009 2:00:38 PM
Project	: Test	By	: Administrator
Method	: Unit4-20minrun	By	: Administrator
Description	: UV trace of blank injection	Modified	: 12/13/2013 2:21 PM
Created	: 8/7/2007 9:44 AM		
Column	:	Detection	: UV 248nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int42085 - Unit 4 UV)

Compound Name	Reten. Time [min]	Area [%]	Area [mV.s]	Height [mV]	Height [%]	Efficiency [th.p]
No peak to report						

RT: 0.00 - 2.00



NL:
1.98E10
TIC MS
M1781-
20090818-
HP

M1781-20090818-HP#1-420 RT: 0.00-2.00 AV:

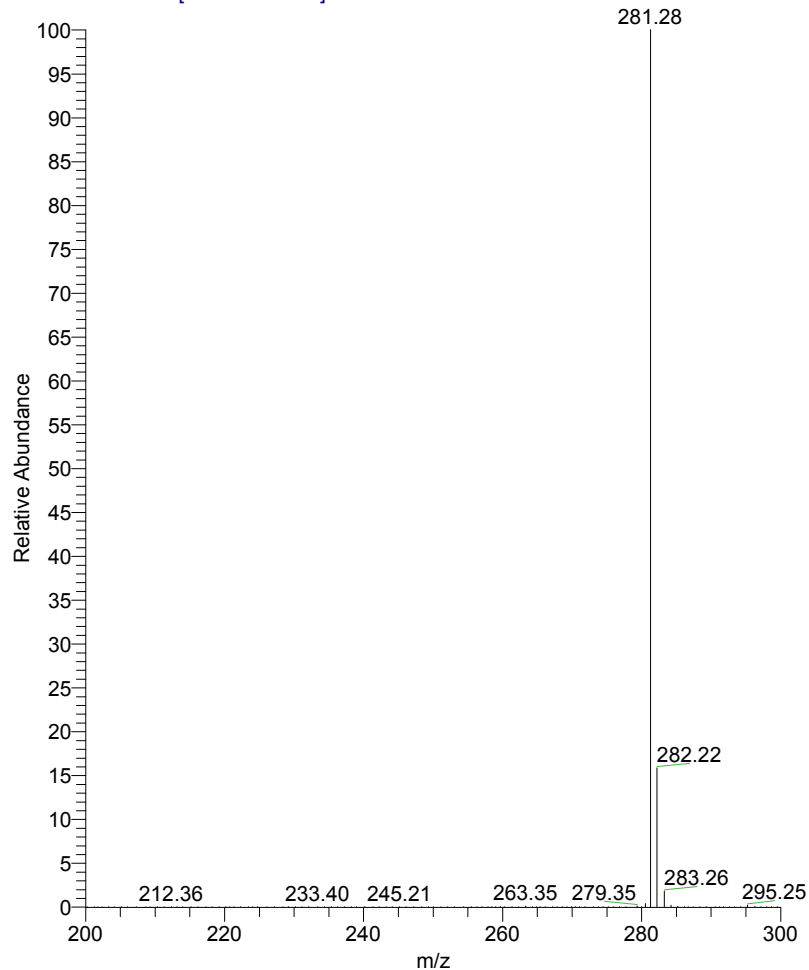
T: + c NSI Full ms [200.00-300.00]

m/z = 280.20-282.58

m/z	Intensity	Relative
280.55	17897078.7	0.38
281.28	4706324456.4	100.00
282.22	746113202.6	15.85

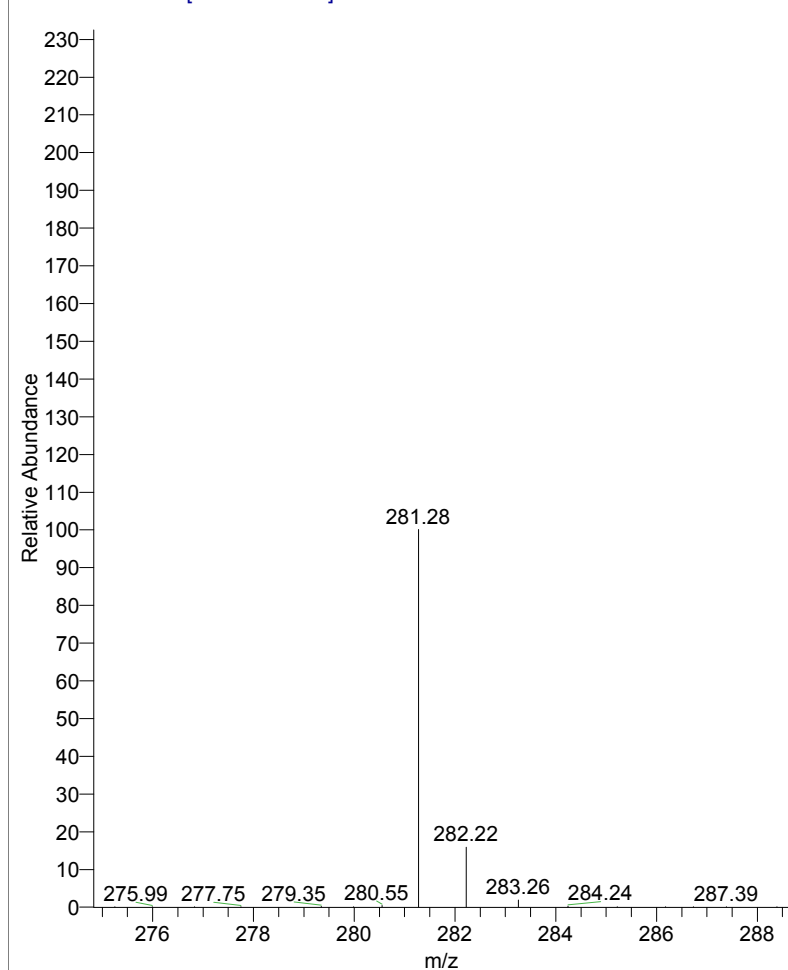
M1781-20090818-HP #1-420 RT: 0.00-2.00 AV: 420 NL: 4.71E9

T: + c NSI Full ms [200.00-300.00]



M1781-20090818-HP #1-420 RT: 0.00-2.00 AV: 420 NL: 4.71E9

T: + c NSI Full ms [200.00-300.00]



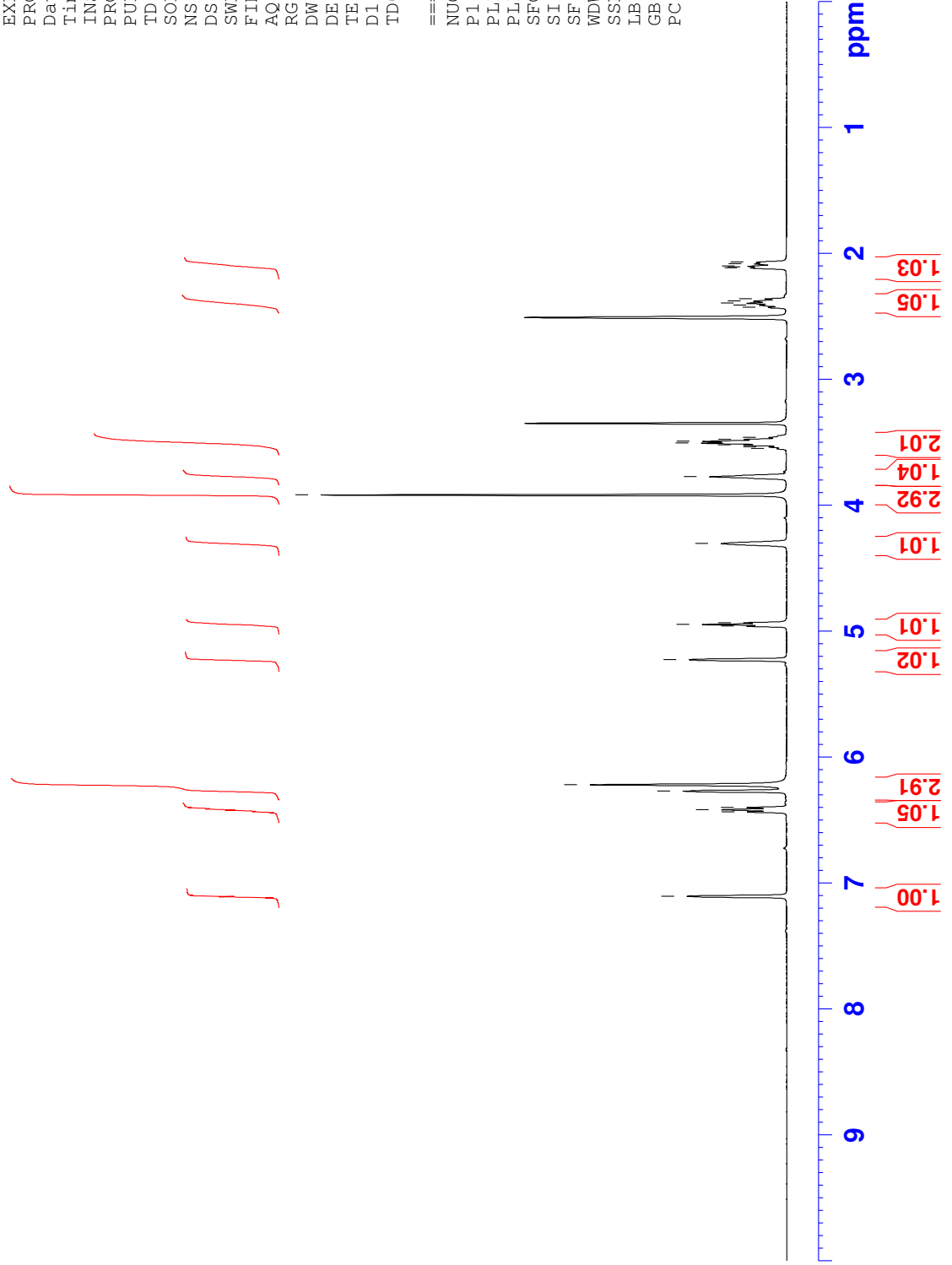
M1781 1H NMR in DMSO
Batch 20090818-HP



7.106
6.435
6.418
6.400
6.270
6.219
5.226
4.933
4.946
4.959
4.303
3.917
3.773
3.549
3.536
3.521
3.506
3.491
3.477
3.461
2.428
2.410
2.394
2.377
2.360
2.114
2.107
2.100
2.082
2.068

NAME M1781
EXPNO 1
PROCNO 1
Date_ 20090820
Time 11.00
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 256
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 362
DW 60.400 usec
DE 6.50 usec
TE 294.1 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PL1 -0.70 dB
PL1W 10.03411102 W
SF01 400.1324710 MHz
SI 32768
SF 400.1300000 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00



19/Aug/09 11:19:12

Peak detection

Abscis./	ABS	Abscis./	ABS
287.0	1.354		
260.5	1.732		
222.0	4.000		

Graph

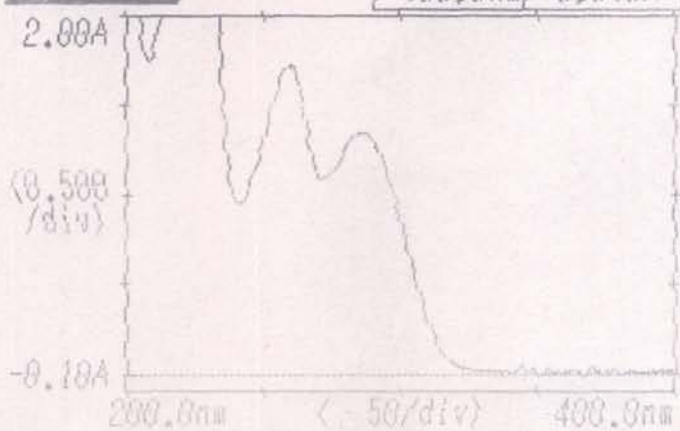
PrintOut

Valley

19/Aug/09 11:19:49

Spectrum

400.0nm 0.040A



Zoom

DataProc

ExtTrans

SaveCurve