

USER: -- DATE: Mar 12 2007
 PTSD: 16384
 OF1: 1789.1
 NA: 16
 SW1: 7987
 PW: 8.0 usec
 PD: 1.0 sec
 LB: 0.0
 Nuts - \$CP-ZF-741-05-C-H1-DM50+D20-070

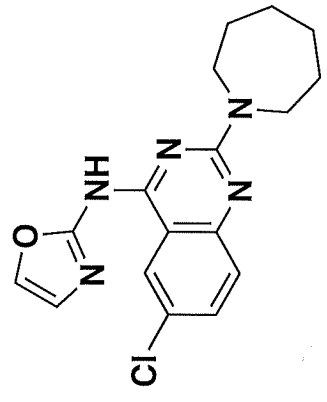
1.497
1.736

3.619
3.776

7.383
7.413
7.619
7.625
7.648
7.656

8.561
8.799

10.091
10.599



2

3.94
4.00

3.97

0.94
0.85

0.84
0.68

0.82
0.62

2

4

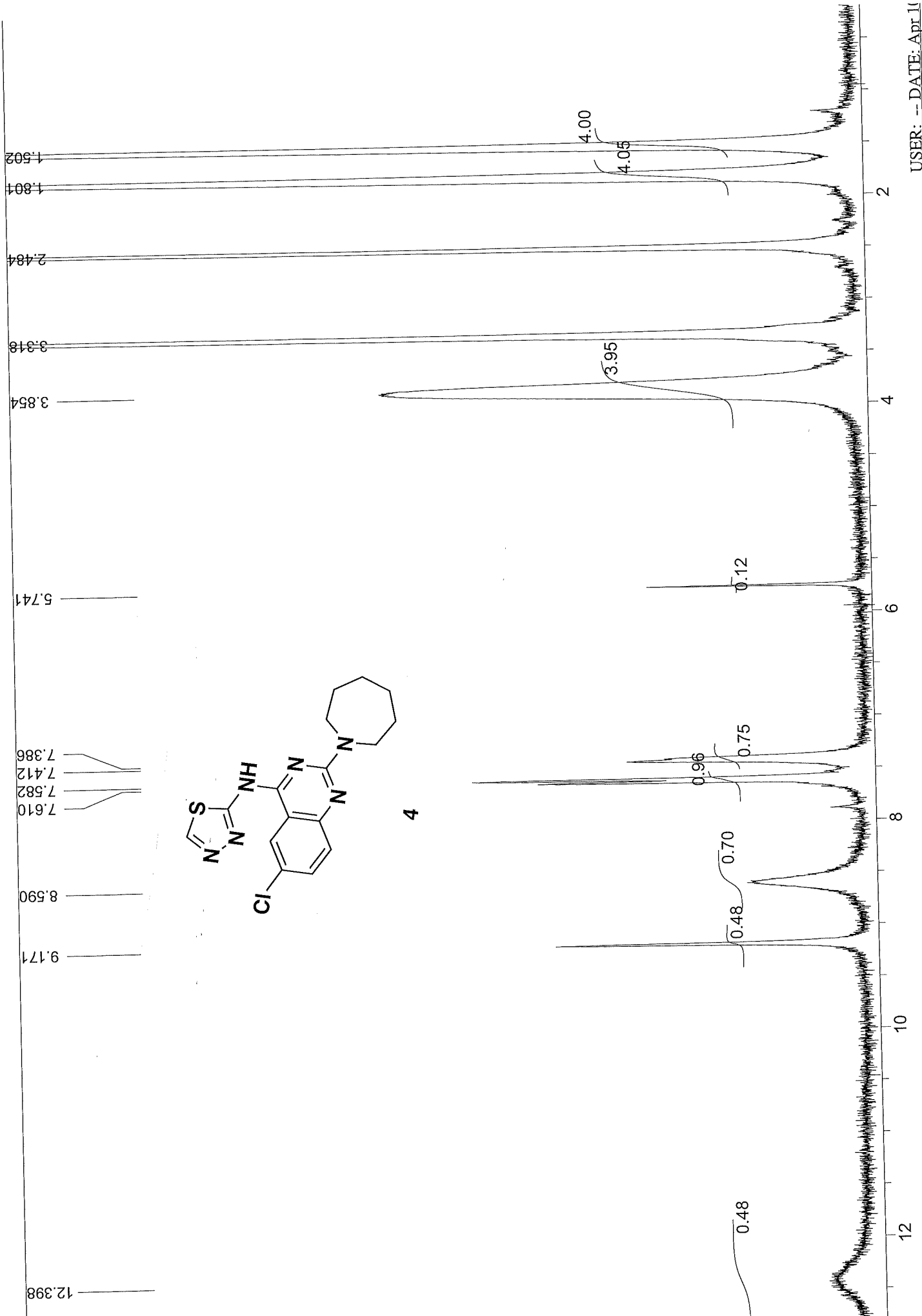
6

8

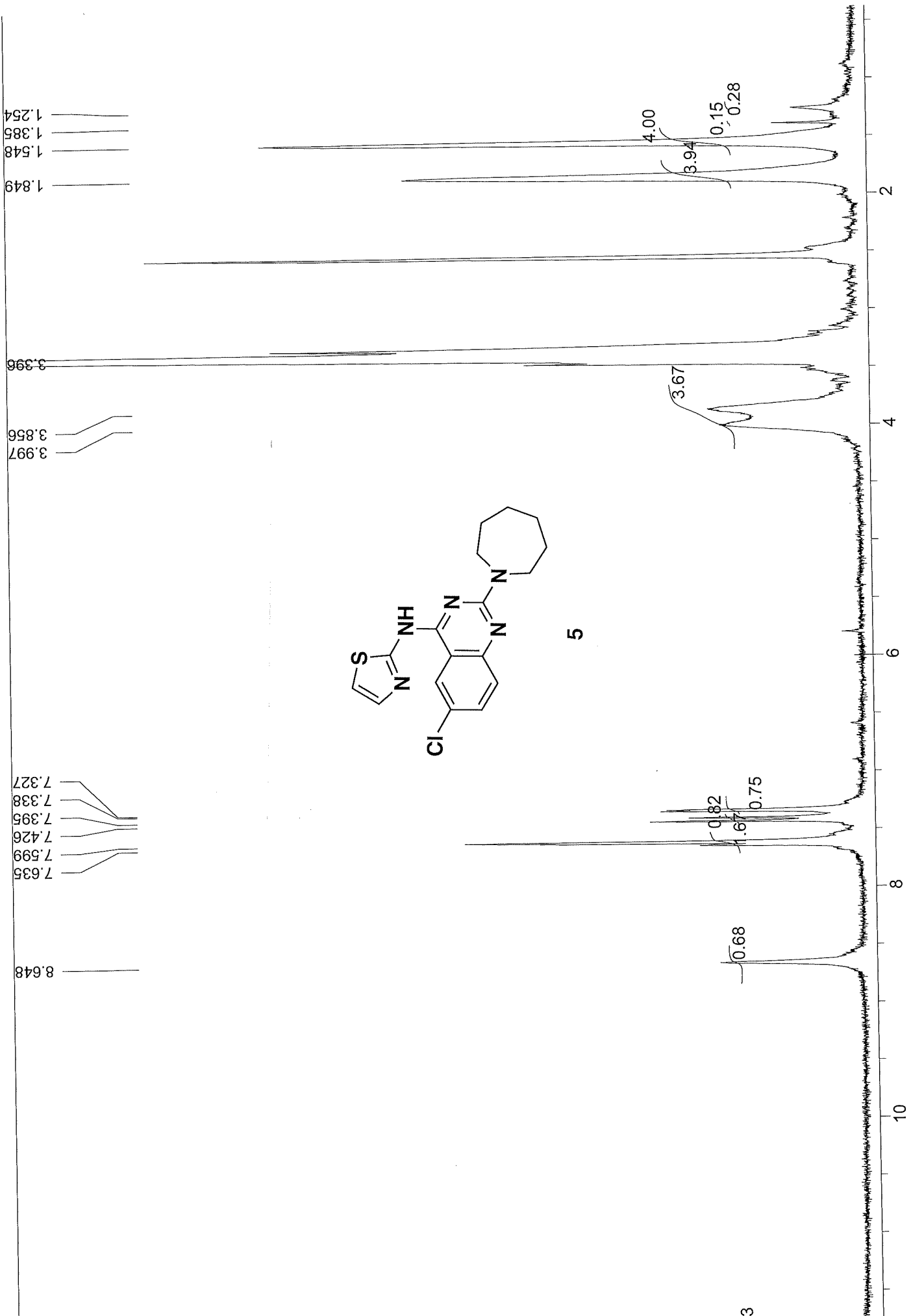
10

USER: -- DATE: Jun. 1

WARD 1H OBSERVE;blank line	OF1: 1804.4	PTS1d: 16384	USER: -- DATE: Jun. 1
18	F2: 75.421	Nutrs - \$CP-CIG-0000756-075-A-HI-DMSO-0701	
	PW: 6.2 usec	LB: 0.0	
	PD: 1.0 sec	NA: 16	
	SW1: 7987		



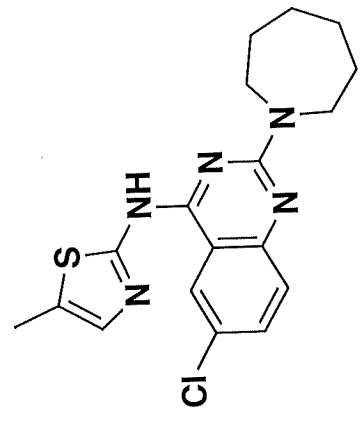
USER: -- DATE: Apr 11
 PTD: 16384
 Nuts - \$CP-CJG-756-043-A-H1-DMSO-C
 OF1: 1784.2
 NA: 12
 LB: 0.0
 SW1: 7987
 F2: 75.423
 PD: 1.0 sec
 PW: 8.0 usec
 HARD_1H OBSERVE: blank line
 11



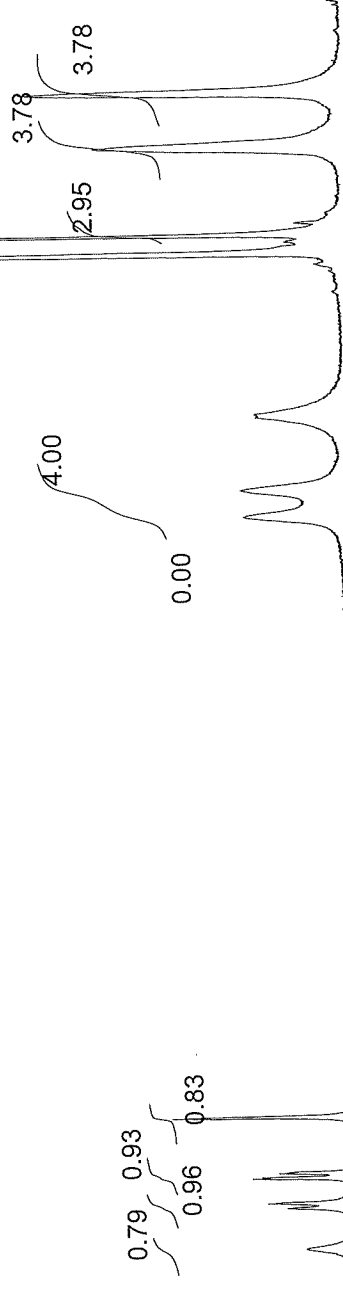
USER: -- DATE: Apr 11

PTSD: 16384	OF1: 1799.7	SW1: 7987	ARD 1H OBSERVE: blank line
Nuts - \$CP-LXM-856-6-A-HI-DMSO-070:	NA: 8	PW: 8.0 usec	24
LB: 0.0	PD: 1.0 sec		1

8.214
7.950
7.806
7.801
7.777
7.455
4.003
3.850
3.433
3.417
2.491
2.486
2.380
1.875
1.562

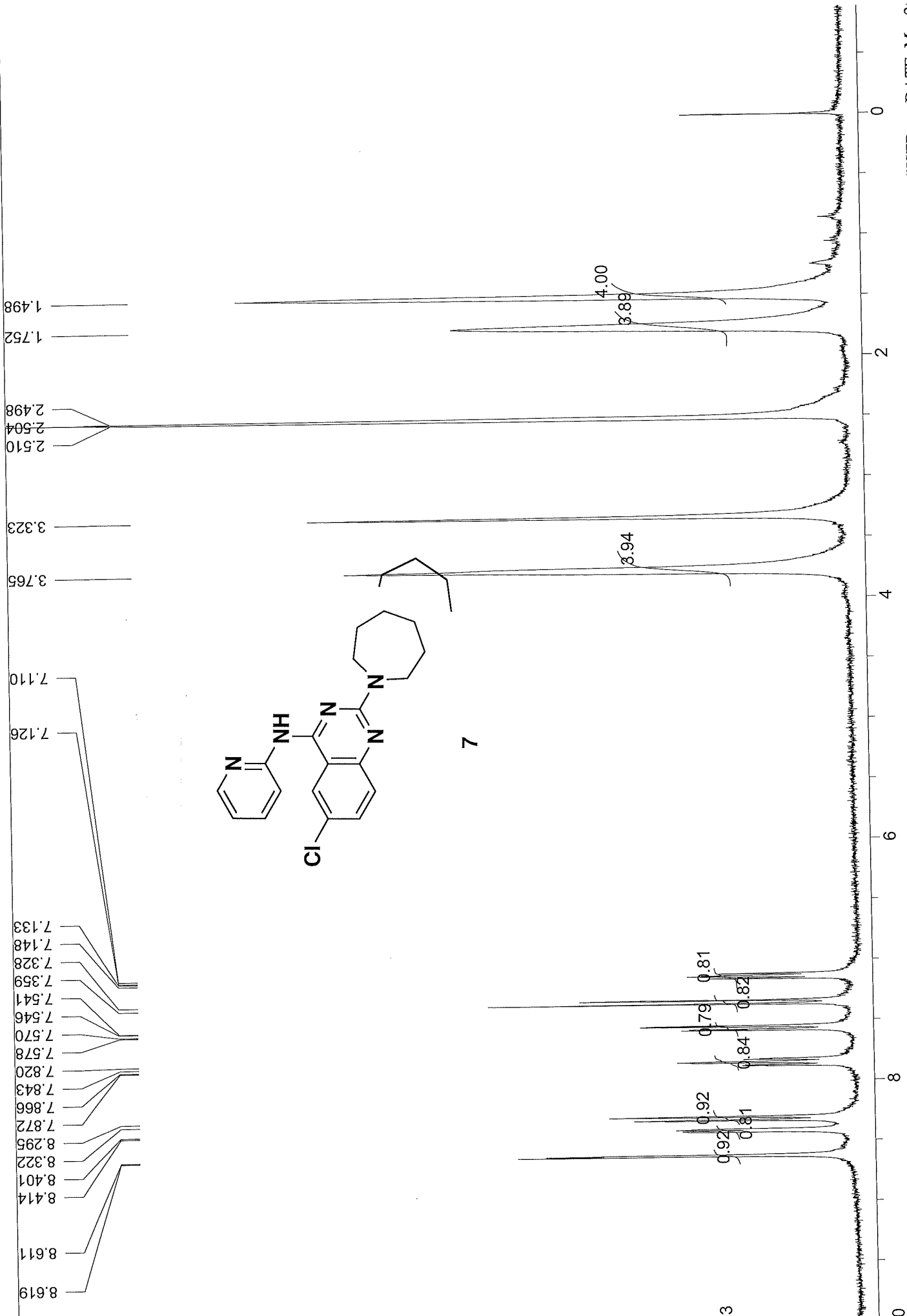


9



USER: -- DATE: Apr 1

PTSD: 16384	OF1: 1784.2	SW1: 7987	RD 1H OBSERVE: blank line
Nuts - \$CP-fx1740-49-A-H1-DMSO-070-	LB: 0.0	PW: 8.0 usec	24
	NA: 16	PD: 1.0 sec	F2: 75.423



USER: -- DATE: Mar 21

PTS1d: 16384

Nuts - \$CP-CIG-756-30-A-HI-DMSO-070:

OF1: 1789.1

NA: 8

PD: 1.0 sec

LB: 0.0

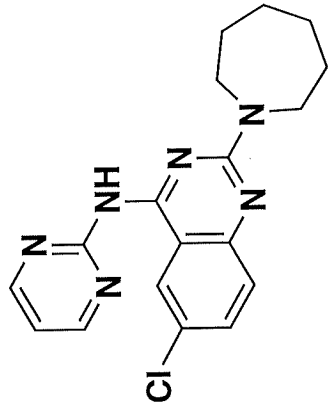
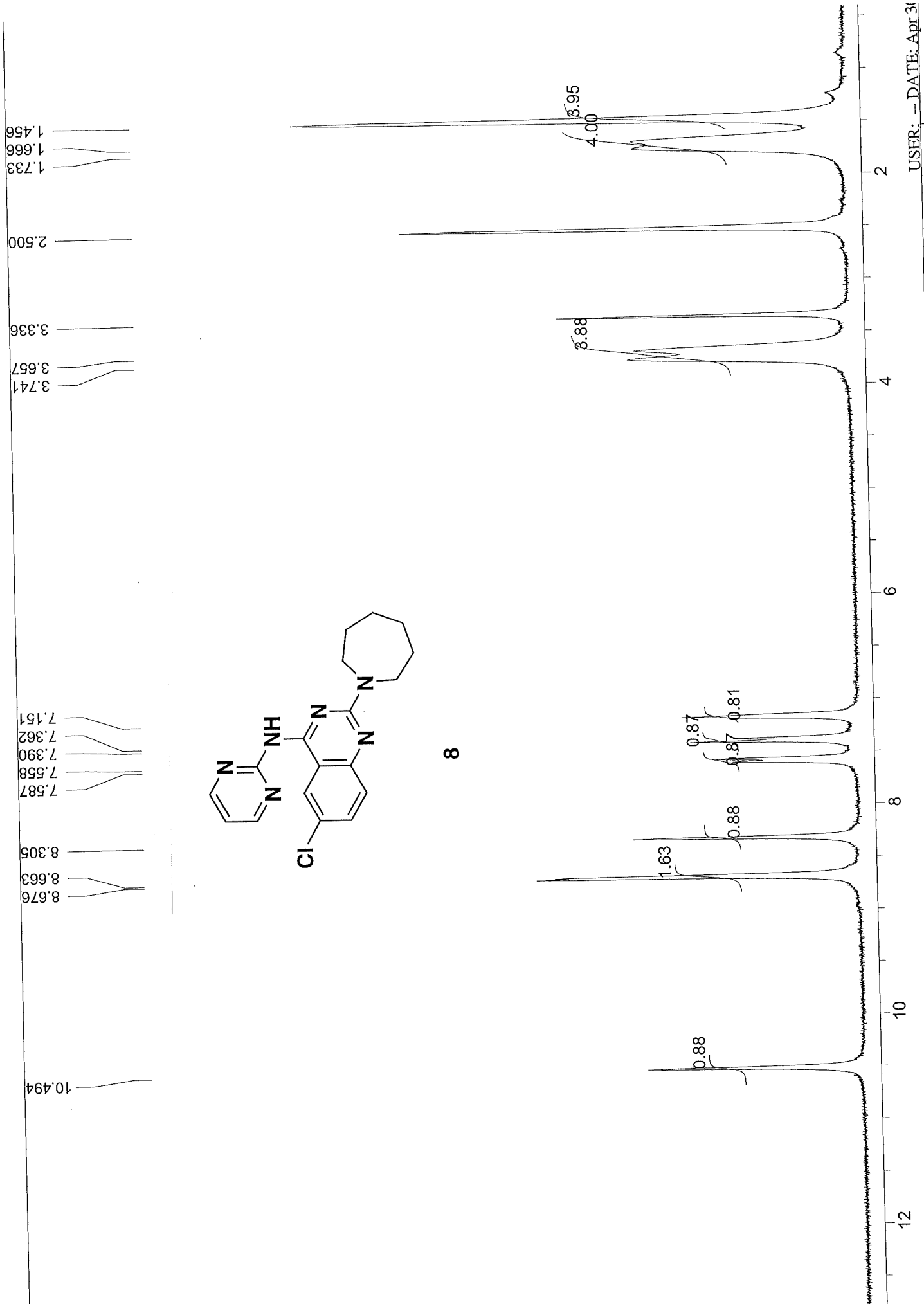
SW1: 7987

PW: 8.0 usec

F2: 75.423

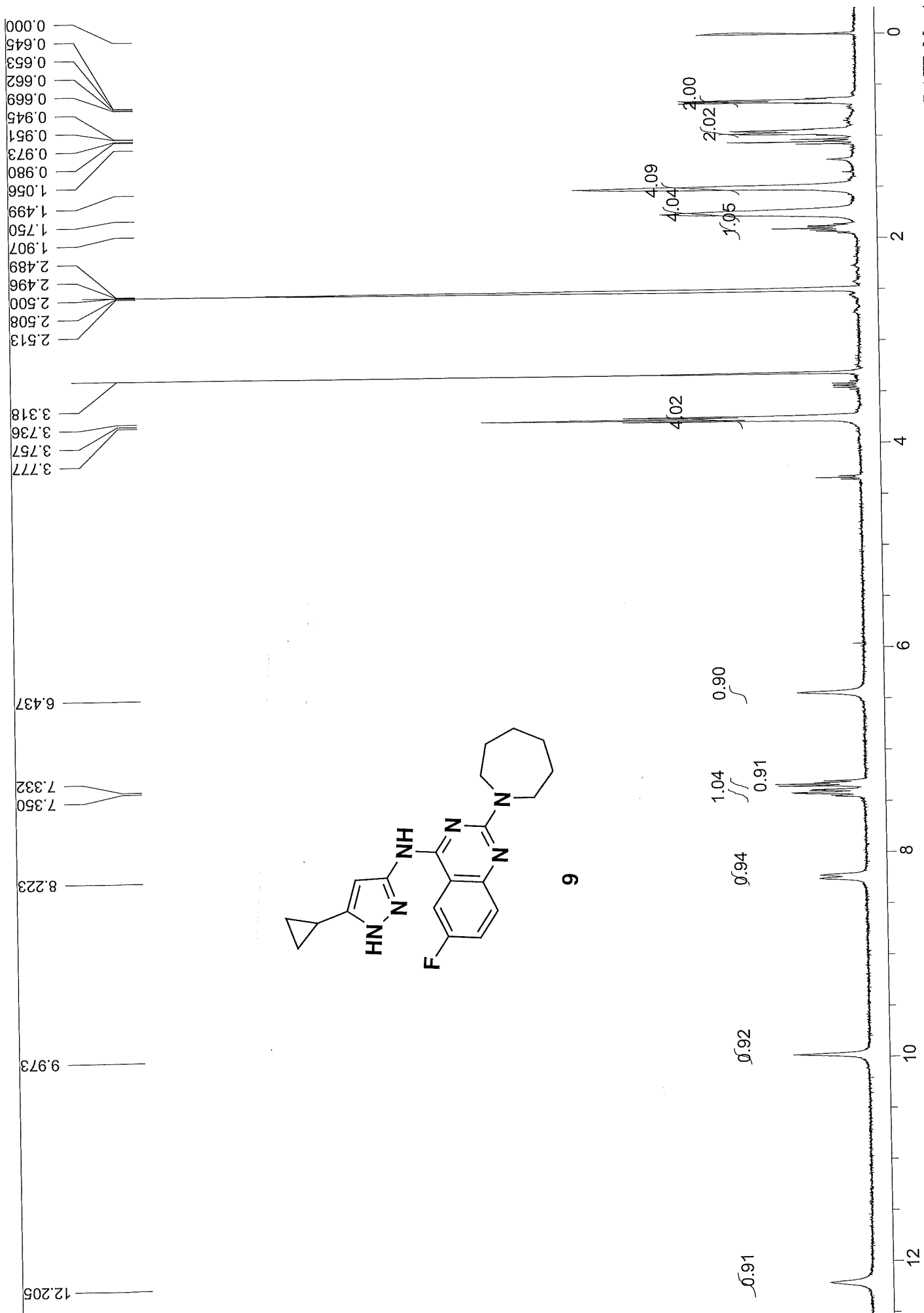
ARD_1H OBSERVE: blank line

224



8

USER: -- DATE: Apr 31
 PTS1d: 16384
 Nuts - \$CP-CJG-0000756-041-A-H1-DMSO-070
 OF1: 1788.0
 LB: 0.0
 NA: 8
 SW1: 7987
 PD: 1.0 sec
 F2: 75.423
 PW: 8.0 usec



USER: -- DATE: Mar. 24

PTS1d: 16384

OF1: 1788.5

NA: 8

PD: 1.0_sec

SW1: 7987

PW: 8.0_usec

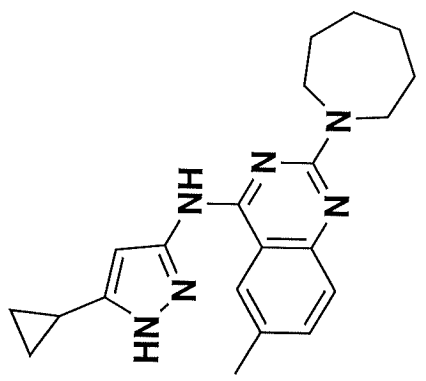
LB: 0.0

Nutts - \$CP-ZF-0000741-02-F-H1-DMSO-070

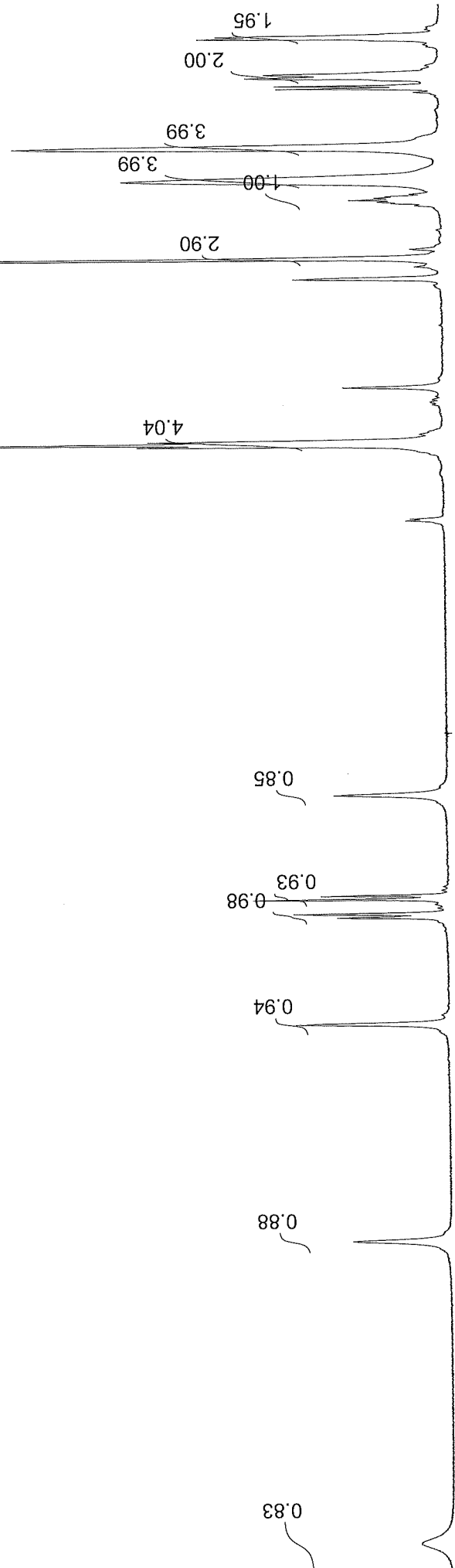
WARD 1H OBSERVE;blank line

F2: 75.423

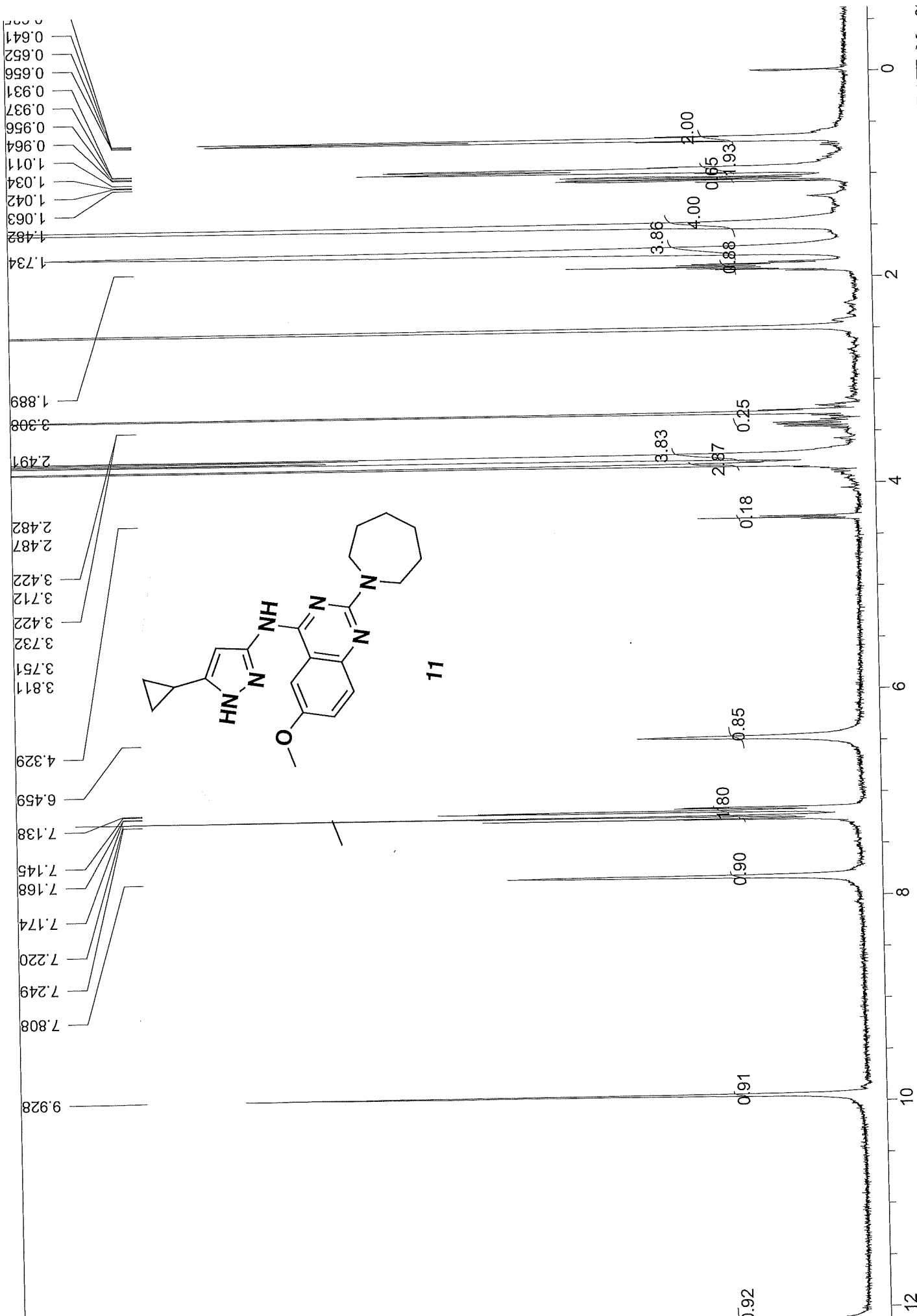
12.174
9.833
8.179
7.368
7.339
7.231
7.202
6.435
3.776
3.757
3.737
3.332
2.505
2.349
1.905
1.750
1.499
1.053
1.032
0.969
0.942
0.667
0.651



10

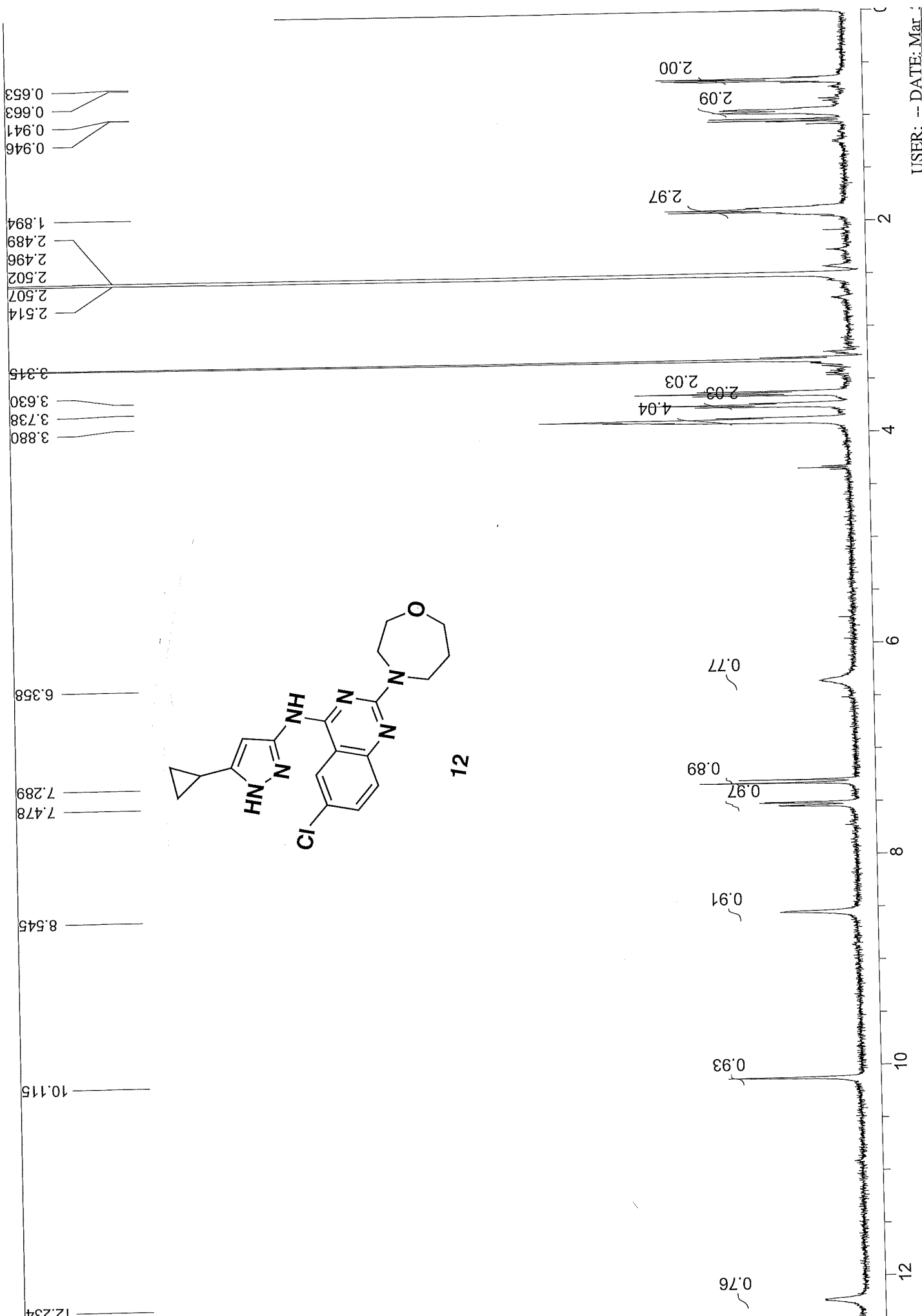


RD IH OBSERVE:blank line
 24 | F2: 75.423 | SW1: 7987 | PD: 1.0 sec | OF1: 1789.8 | LB: 0.0 | Nuts - \$CP-ZF-741-05-B-H1-DMSO-070 | PTS1d: 16384 | USER: -- DATE: Mar '14

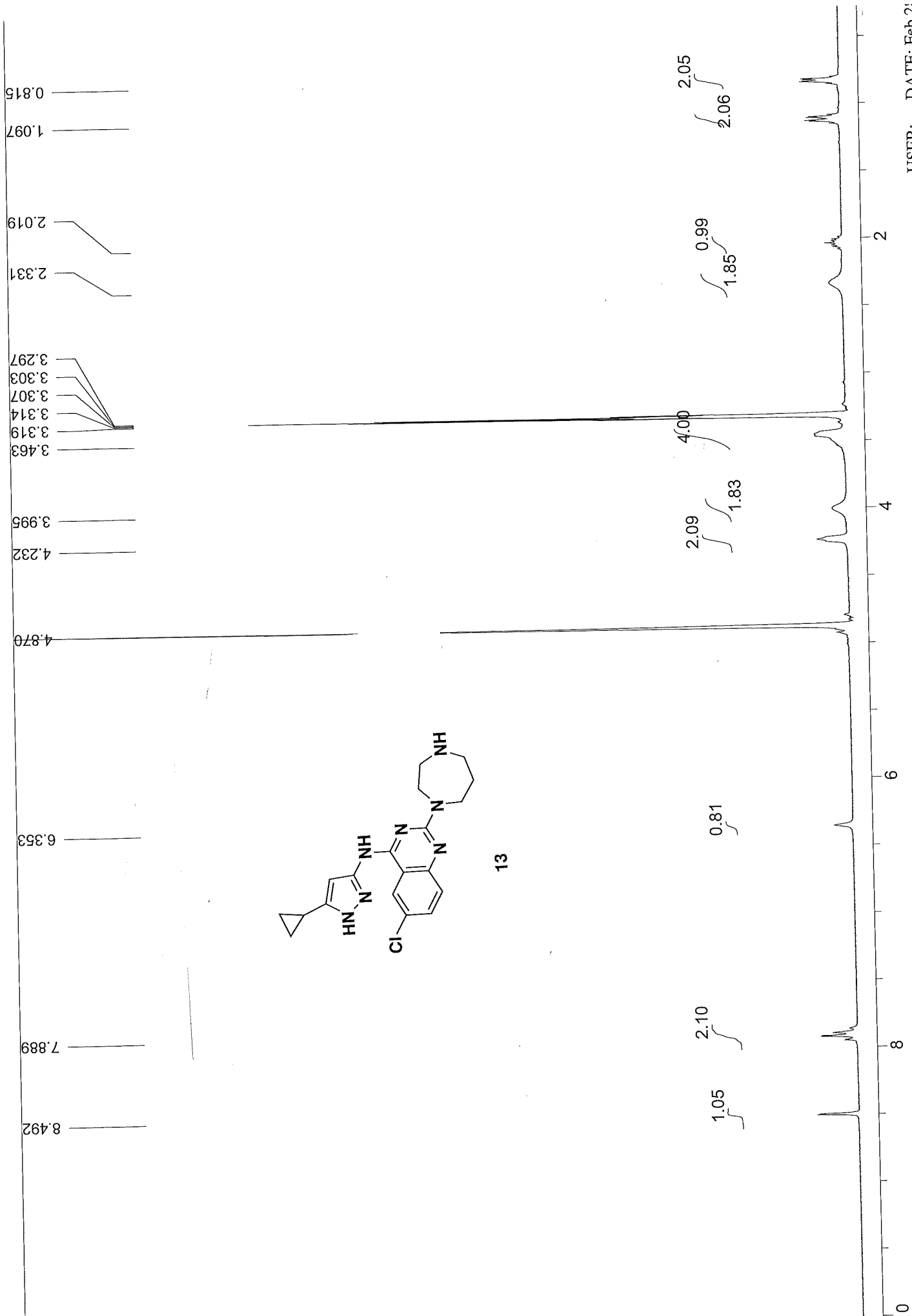


USER: -- DATE: Mar 21

PTSD: 16384	OF1: 1784.2	PD: 1.0 sec	SW1: 7987	RD_1H OBSERVE: blank line
Nuts - \$CP-CJG-756-29-A-HI-DMSO-070:	NA: 8	LB: 0.0	PW: 8.0 usec	24 F2: 75.423



USER: -- DATE: Mar
 PTSId: 16384
 Nuts - \$CP-Cjg-756-10-A-H1-DMSO-070:
 OF1: 1788.5
 NA: 32
 LB: 0.0
 SW1: 7987
 PW: 8.0 usec
 PD: 1.0 sec
 RD 1H OBSERVE: blank line
 F2: 75.423



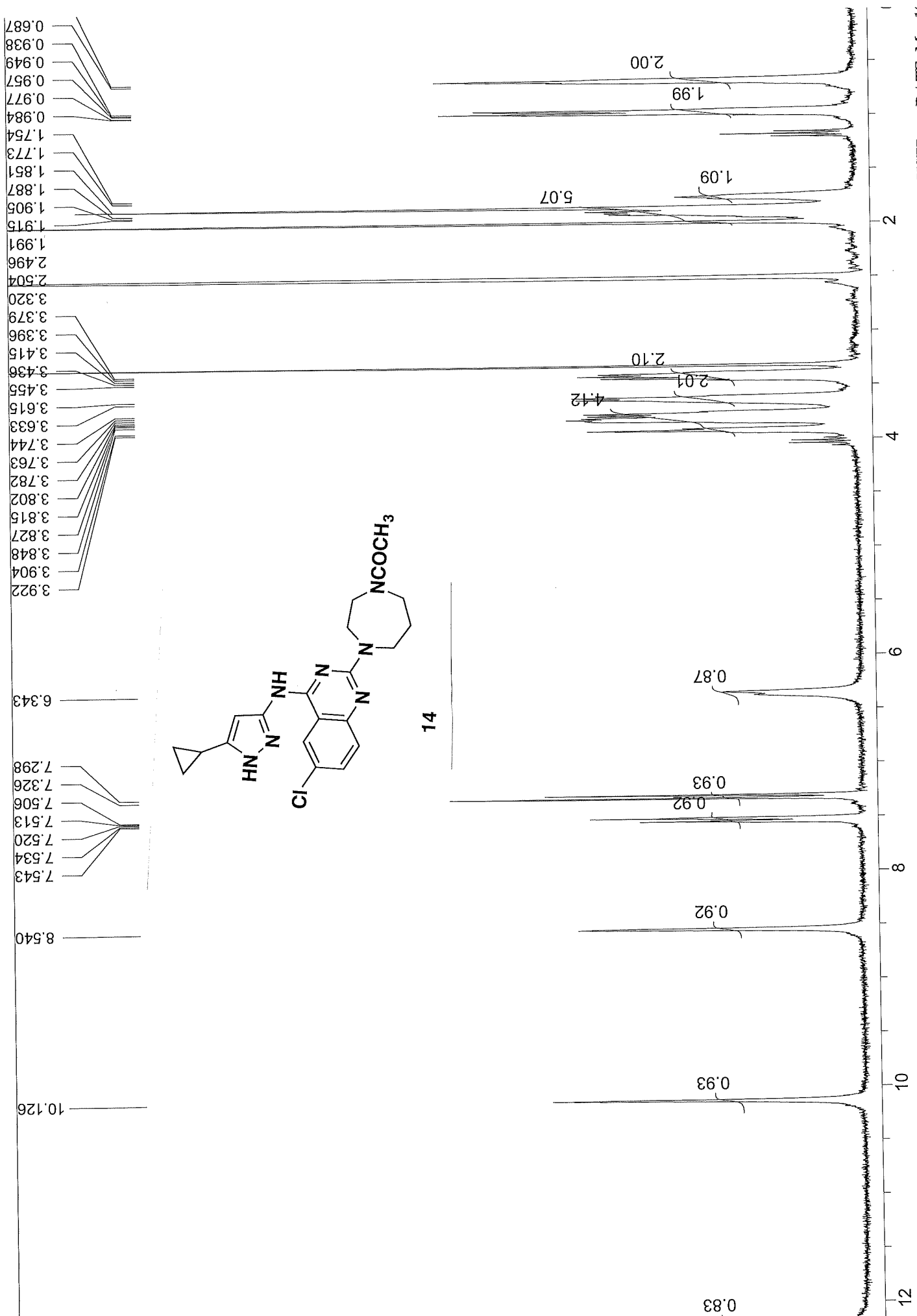
USER: -- DATE: Feb 21

PTSID: 16384	OF1: 1712.7	SW1: 4803	PD: 1.0 sec
Nuts - \$CP-HYC-738-14-H1-Methanol-070:	NA: 16	PW: 6.2 usec	
LB: 0.0			

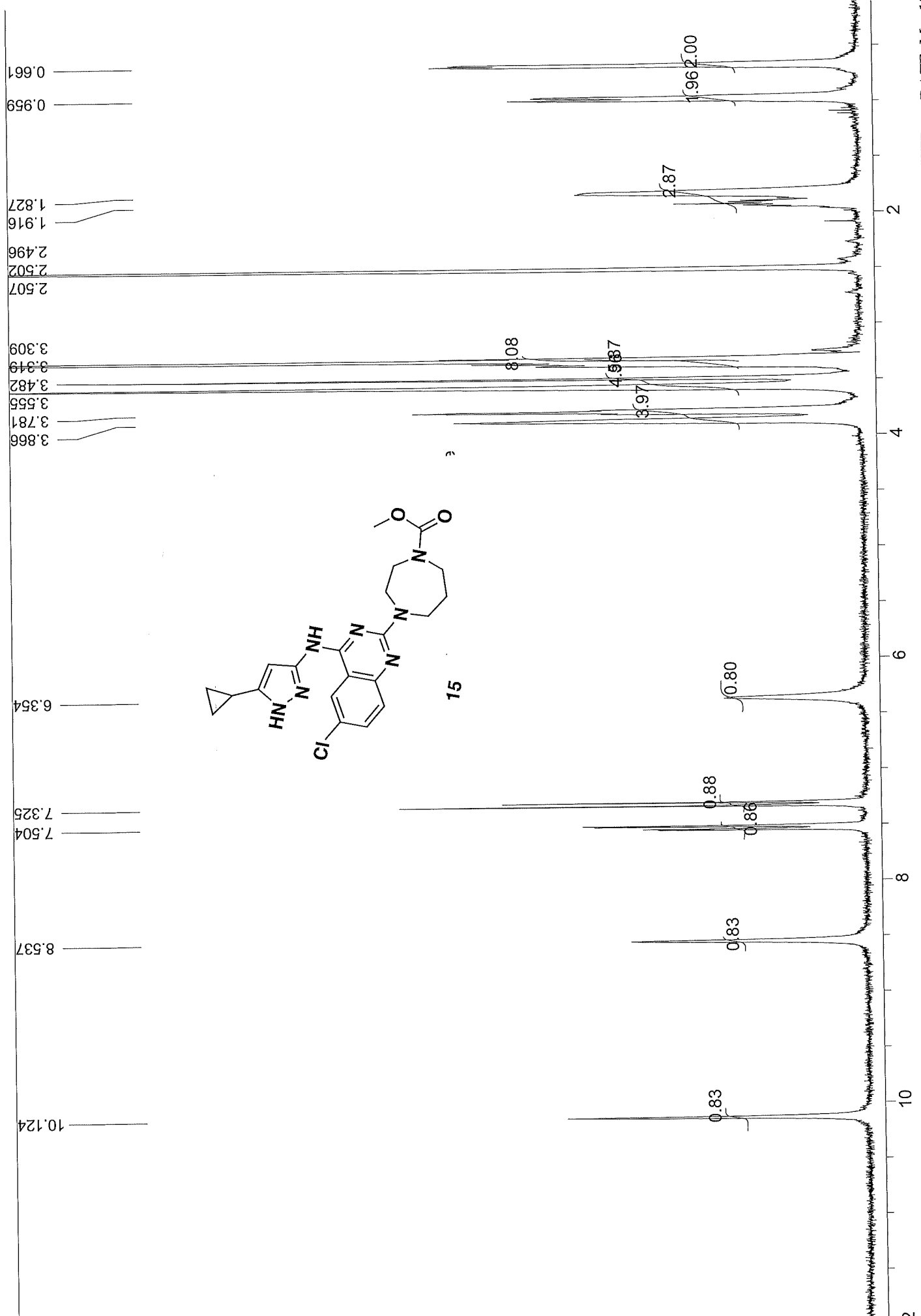
ARD 1H OBSERVE: blank line

924 F2: 75.423

ul

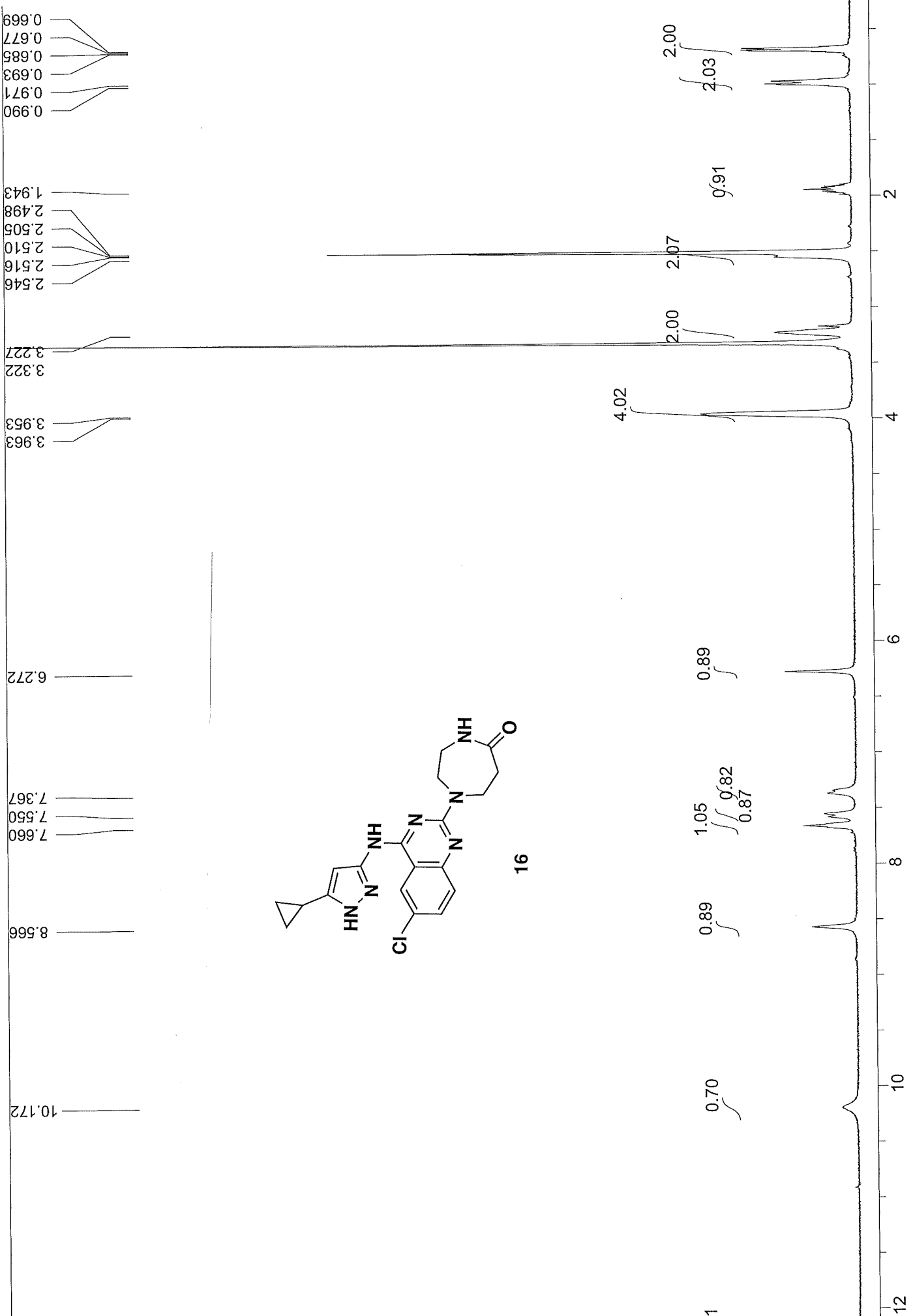


RD 1H OBSERVE: blank line
 24 F2: 75.423
 SW1: 7987
 PW: 8.0 usec
 OF1: 1788.9
 NA: 8
 PD: 1.0 sec
 LB: 0.0
 PTS1d: 16384
 Nuts - \$CP-cjg-756-26-A-HI-DMSO-070:
 USER: -- DATE: Mar 11



USER: -- DATE: Mar 11

RD_1H_OBSERVE:blank line	OF1: 1788.5	PTSId: 16384
4	PW: 8.0 usec	Nuts - \$CP-HYC-738-26-A-H1-DMSO-070:
	PD: 1.0 sec	LB: 0.0



USER: -- DATE: Feb 21

PTS1d: 16384
Nuts - \$CP-CJG-756-8-A2-H1-DM50-070

LB: 0.0

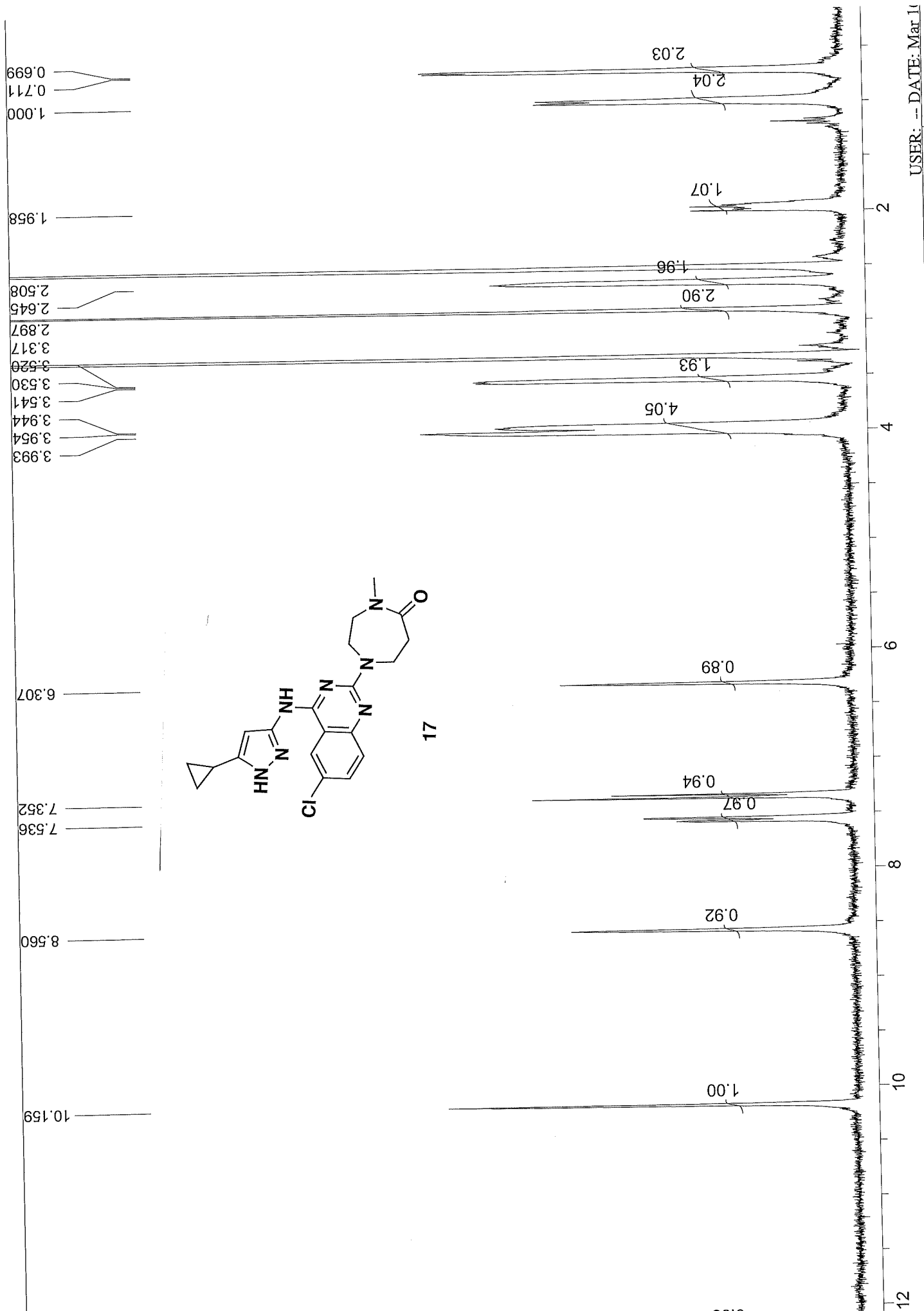
OF1: 1789.1
NA: 16

PD: 1.0 sec

SW1: 7987
PW: 8.0 usec

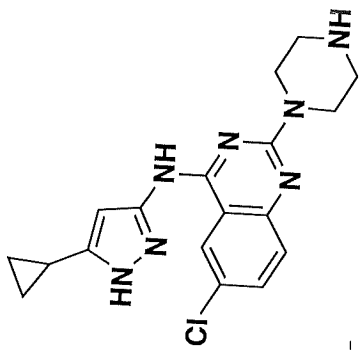
F2: 75.423

RD 1H OBSERVE: blank line



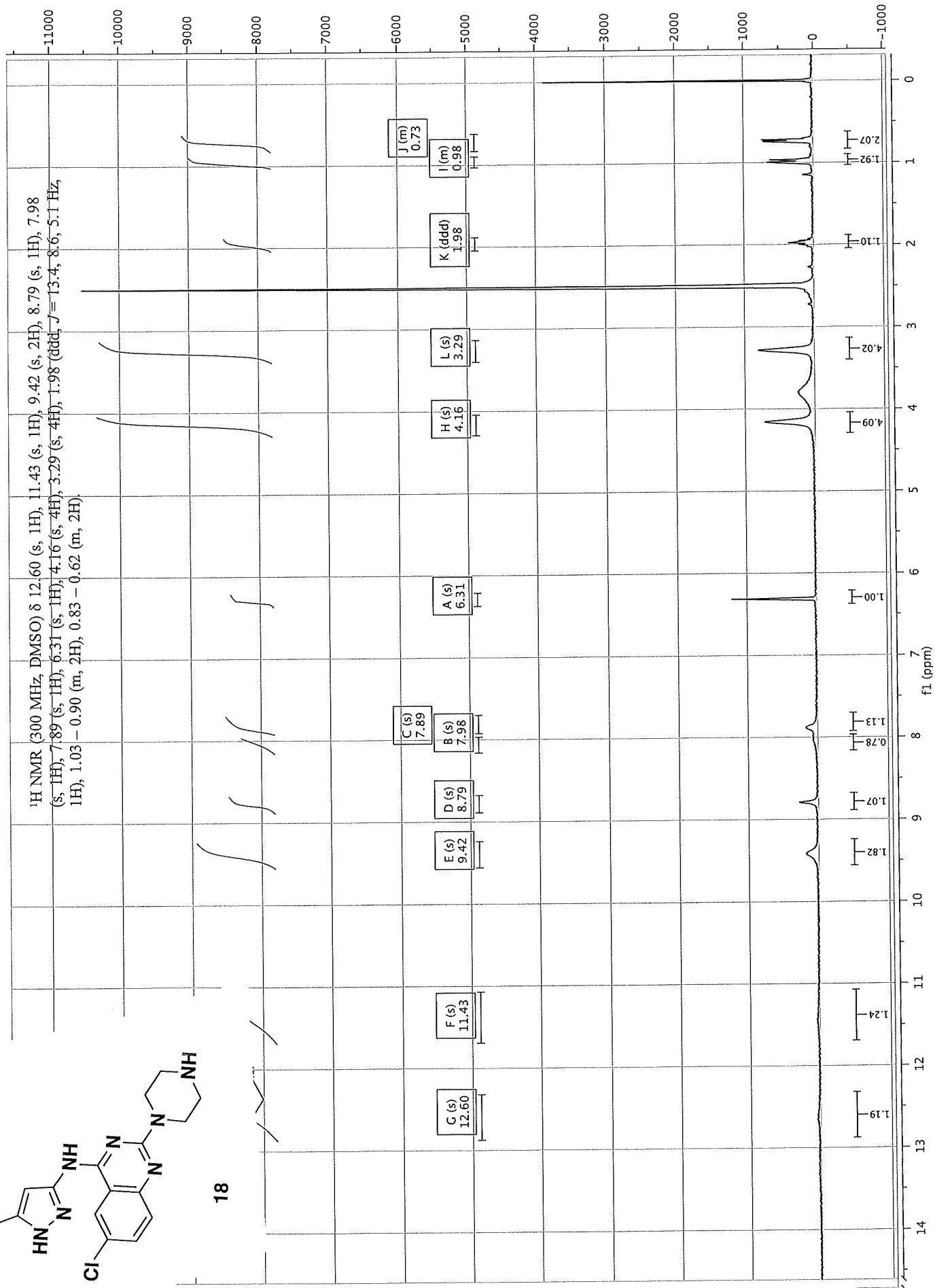
USER: -- DATE: Mar 11

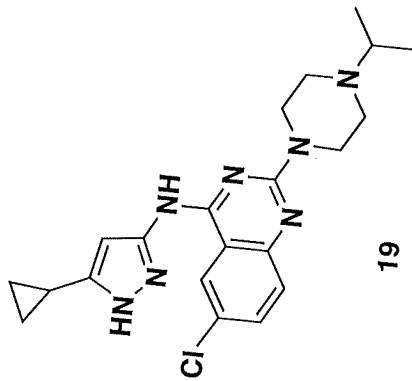
PTSD: 16384	OF1: 1790.4	SW1: 7987	RD_1H OBSERVE: blank line
Nuts - \$CP-CJG-756-14-A-HI-DMSO-070:	NA: 8	PW: 8.0 usec	24
LB: 0.0	PD: 1.0 sec	F2: 75.423	



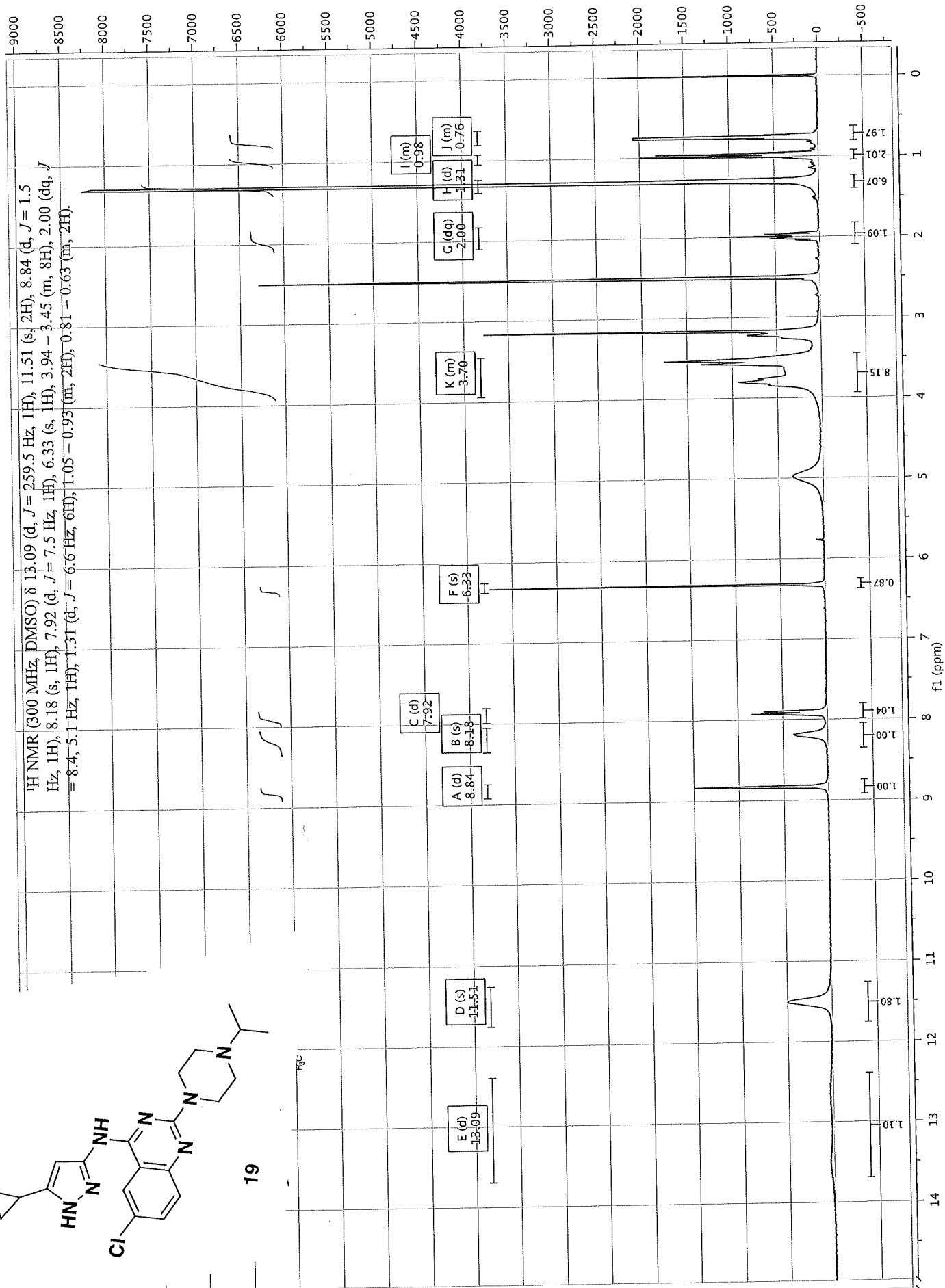
18

$^1\text{H NMR}$ (300 MHz, DMSO) δ 12.60 (s, 1H), 11.43 (s, 1H), 9.42 (s, 1H), 8.79 (s, 2H), 8.79 (s, 1H), 7.98 (s, 1H), 7.89 (s, 1H), 6.31 (s, 1H), 4.16 (s, 4H), 3.29 (s, 4H), 1.98 (ddd, $J = 13.4, 8.6, 5.1$ Hz, 1H), 1.03 - 0.90 (m, 2H), 0.83 - 0.62 (m, 2H).





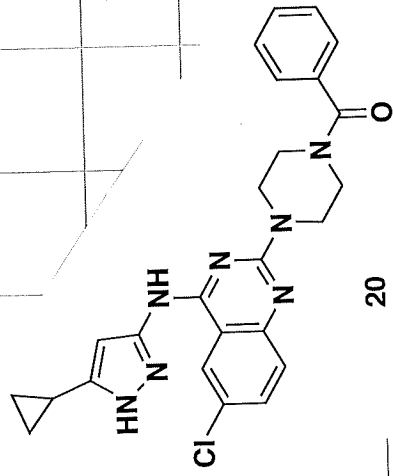
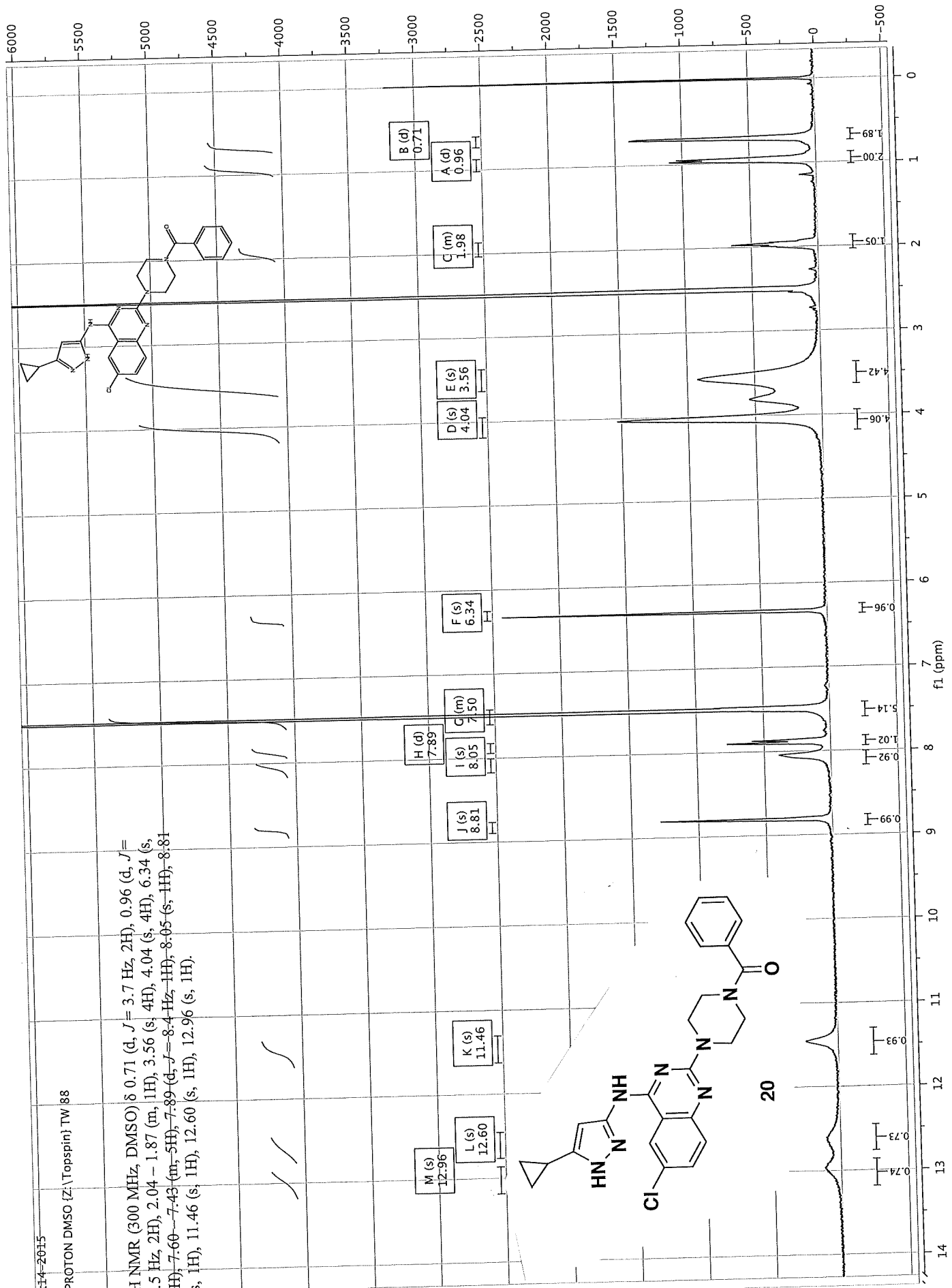
19

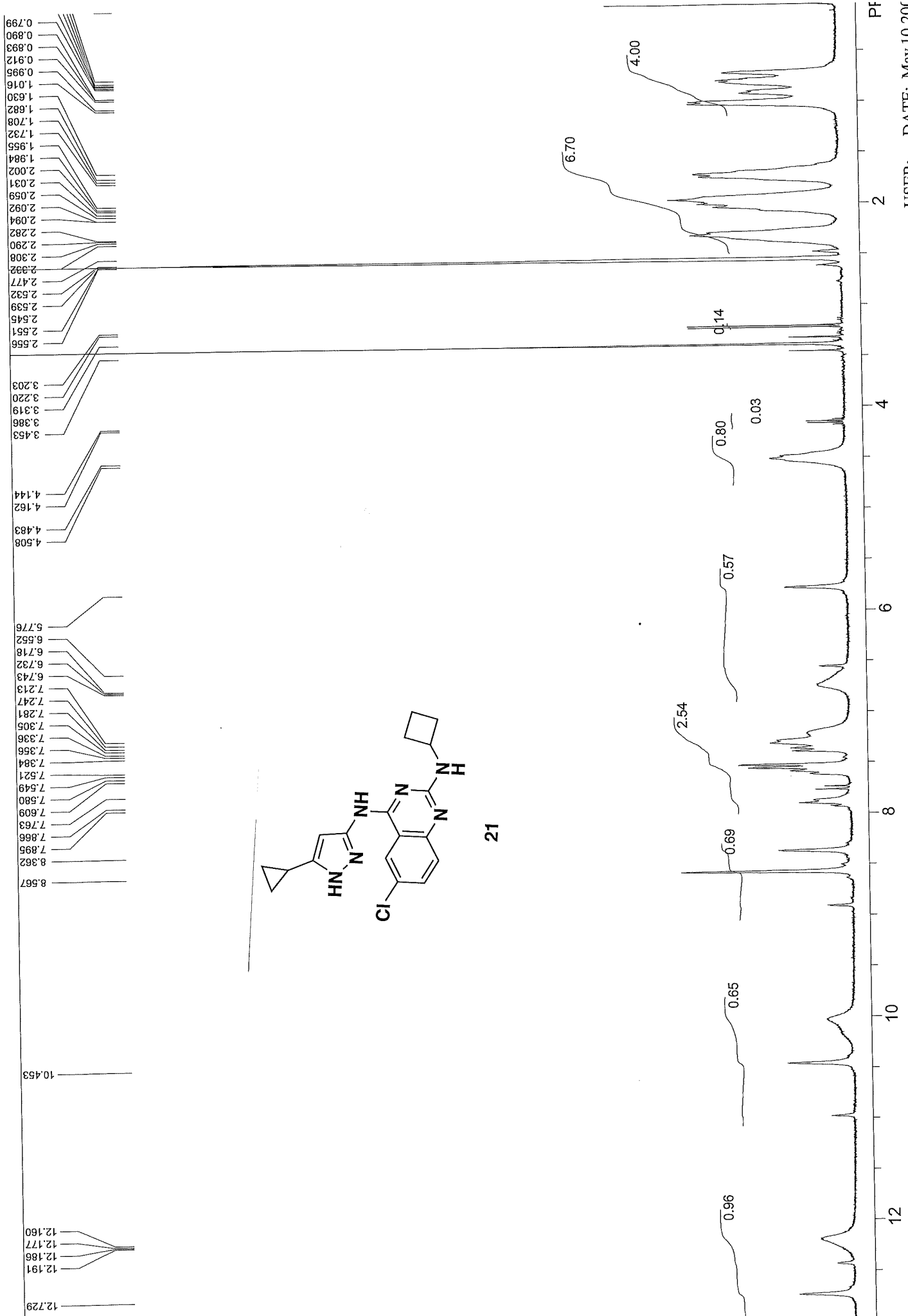


Oct14-2015

19
A_PROTON DMSO (Z:\Topsin) TW 88

¹H NMR (300 MHz, DMSO) δ 0.71 (d, *J* = 3.7 Hz, 2H), 0.96 (d, *J* = 6.5 Hz, 2H), 2.04 - 1.87 (m, 1H), 3.56 (s, 4H), 4.04 (s, 4H), 6.34 (s, 1H); 7.60--7.43 (m, 5H); 7.89 (d, *J* = 8.4 Hz, 1H); 8.05 (s, 1H); 8.81 (s, 1H), 11.46 (s, 1H), 12.60 (s, 1H), 12.96 (s, 1H).





ANDARD 1H OBSERVE

299.918 SW1: 4.803 F2: 75.421

12.729 : s2pul PW: 6.2 usec PD: 1.0 sec

OFI: 1818.7

NA: 16

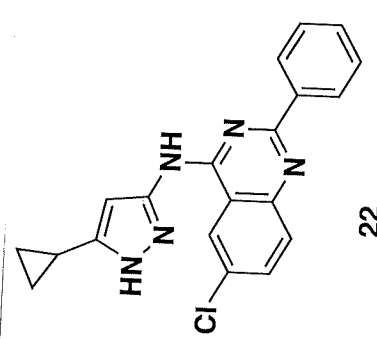
LB: 0.0

WmNuts - \$CP-IXM-856-26-HI-DMSO-070510.f

PTSId: 16384

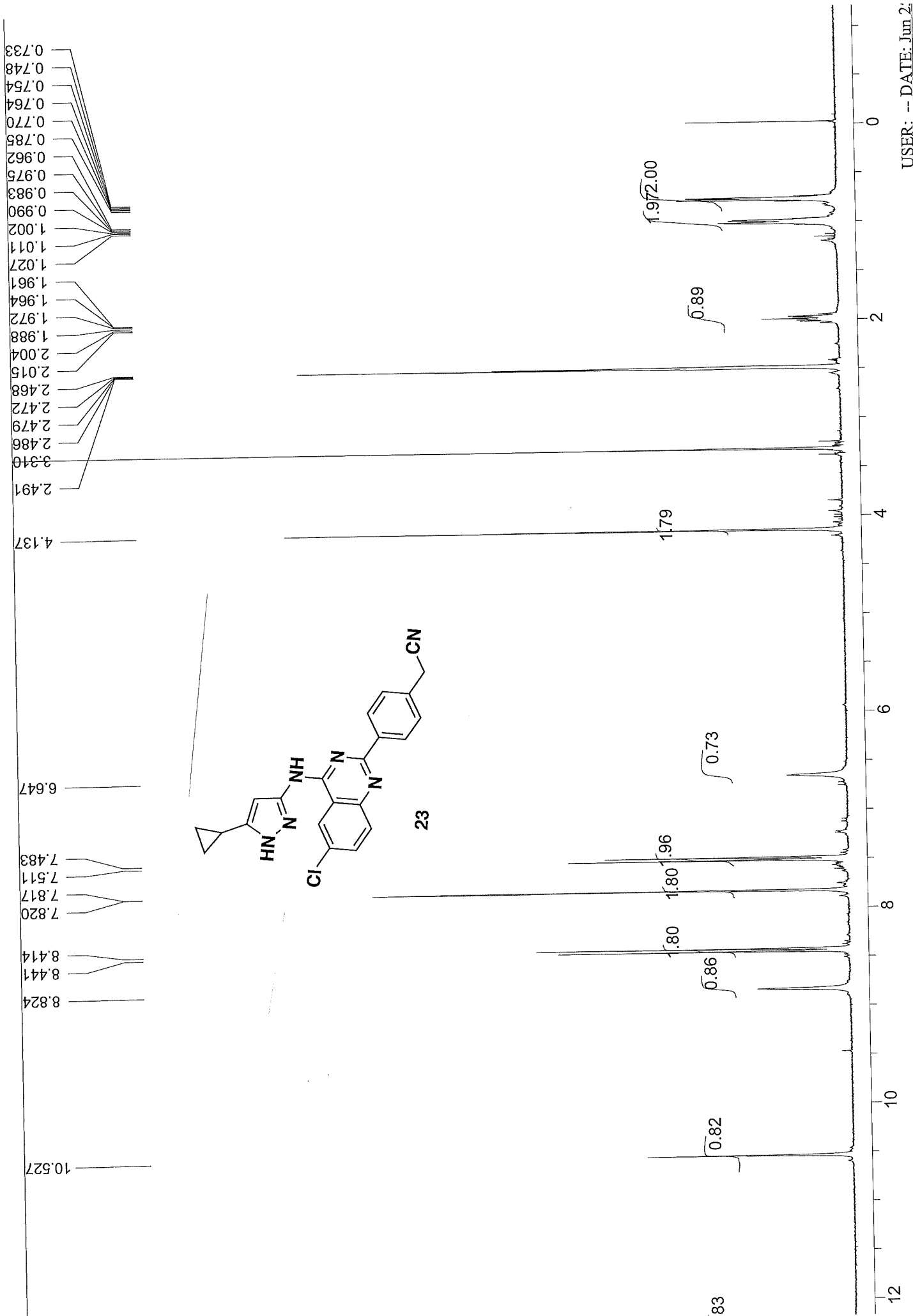
USER: -- DATE: May 10 200

12.295 10.502 8.831 8.442 8.426 8.415 8.409 7.818 7.524 7.518 7.506 7.500 6.666 6.662

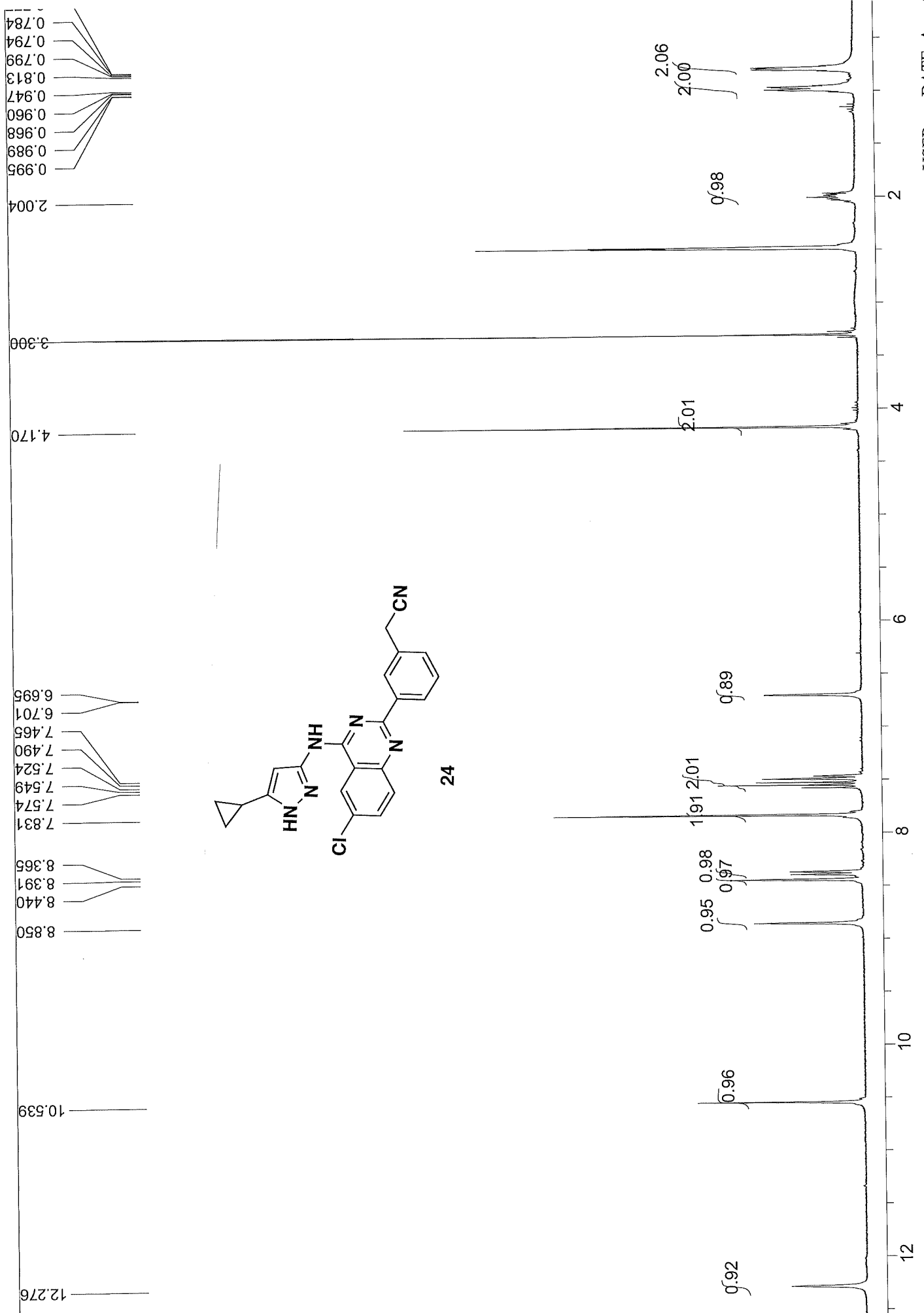


22

12	10	8	6	4	2	0 PPM
USER: -- DATE: Jun 18 2007 PTS1d: 16384 Nuts - \$CP-LXL735-79-H1-DMSO-070618.fid OF1: 1799.5 NA: 16 LB: 0.0 PD: 1.0 sec SW1: 7987 PW: 6.2 usec F2: 75.421 RD 1H OBSERVE: blank line						



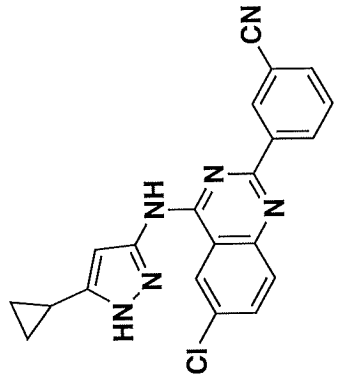
DARD IH OBSERVE:blank line
 1918 F2: 75.421
 ptl
 SW1: 7987
 PW: 6.2 usec
 OF1: 1799.5
 NA: 8
 LB: 0.0
 Nluts - SCP-LXL-735-86-H1-DMSO-0704
 PTSId: 16384
 USER: -- DATE: Jun 2:



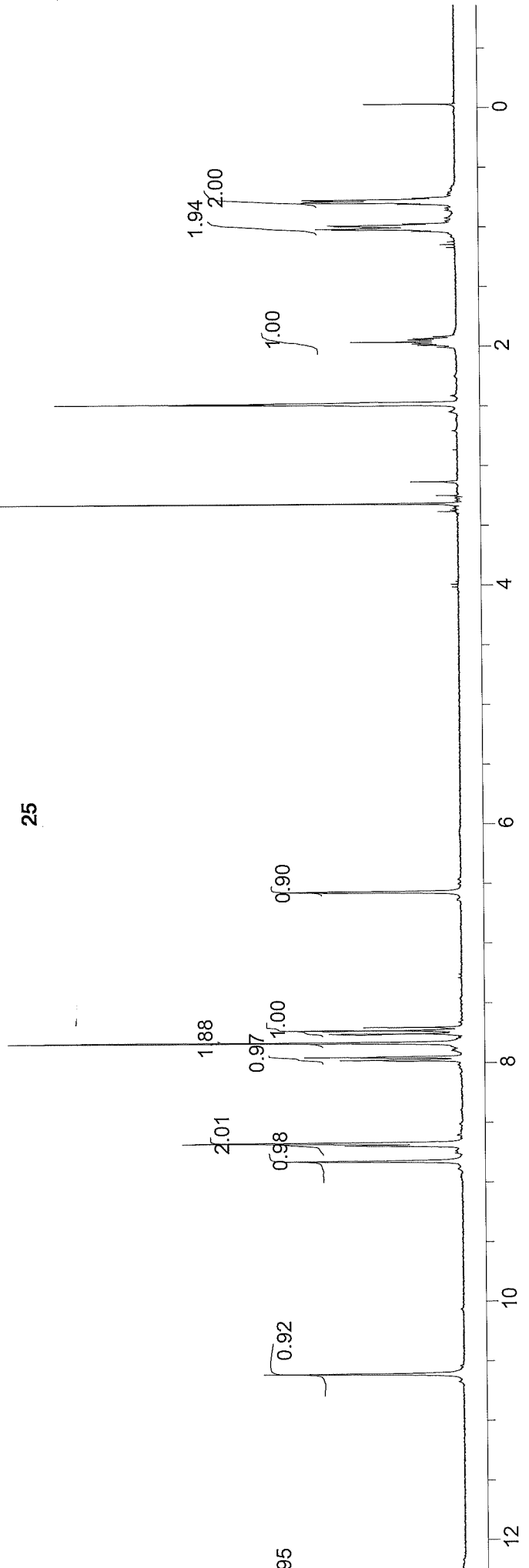
USER: -- DATE: Aug 1
 PTS1d: 16384
 OF1: 1800.1
 NA: 16
 LB: 0.0
 PD: 1.0 sec
 SW1: 4803
 PW: 4.5 usec
 F2: 75.463
 Nuts - SCP-LXL-735-119-H1-DMSO-0708067
 pul

DARD 1H OBSERVE:blank line

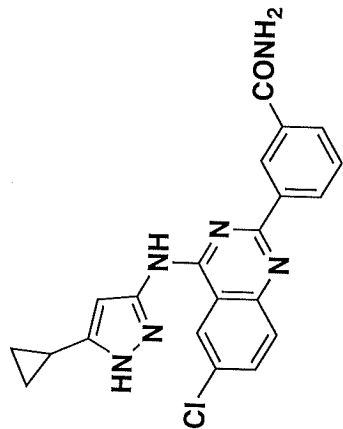
10.606
8.820
8.690
8.687
8.678
8.672
8.667
7.979
7.976
7.970
7.954
7.949
7.944
7.830
7.753
7.727
7.698
6.571
6.564
3.316
3.134
2.492
2.487
2.481
2.474
2.469
1.991
1.979
1.964
1.945
1.934
1.038
1.022
1.015
1.001
0.994
0.987
0.975
0.809
0.795
0.789
0.778
0.772



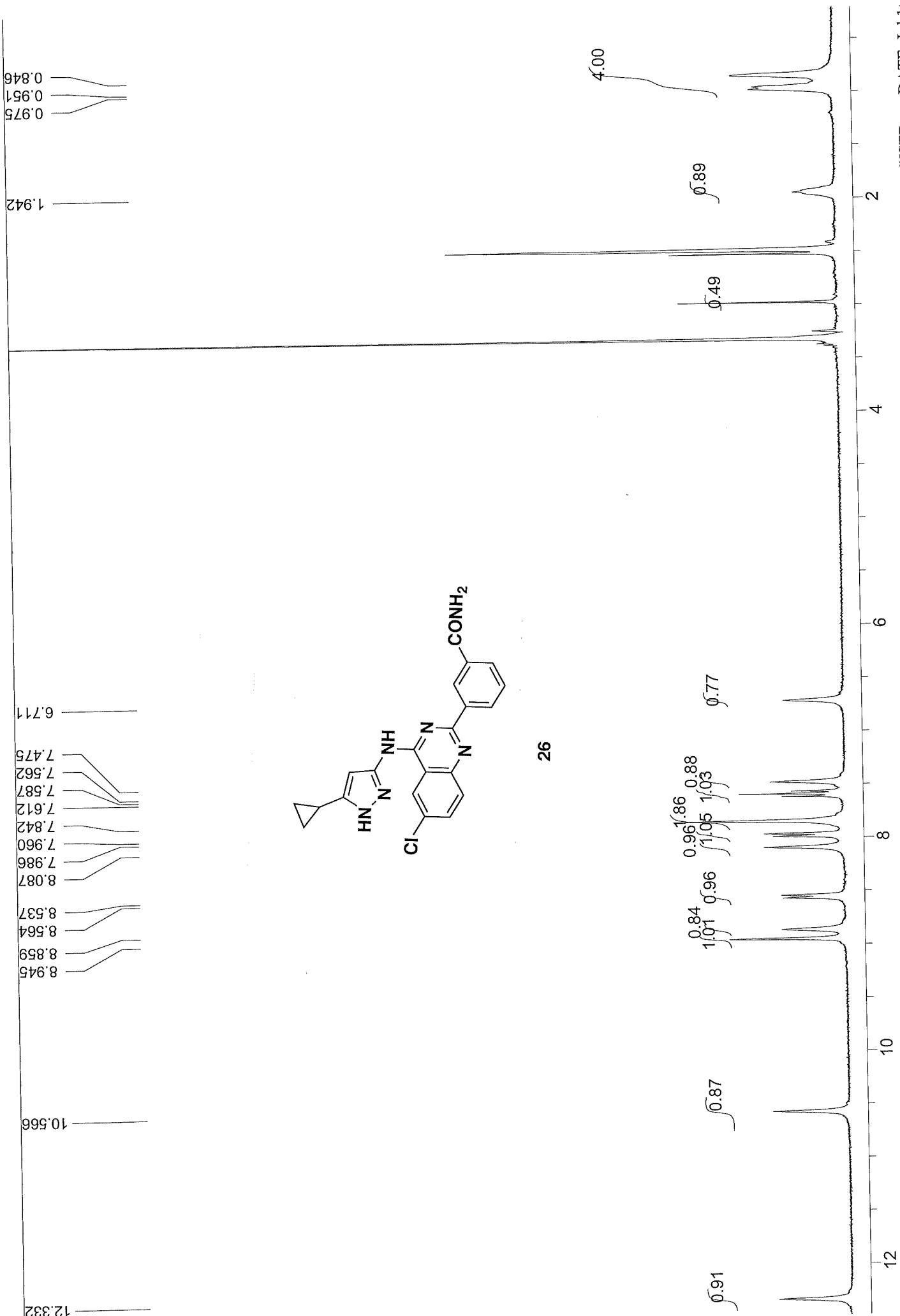
25



WARD 1H OBSERVE; blank line
 .918 F2: 75.421
 SW1: 7987
 PW: 6.2 usec
 PD: 1.0 sec
 OF1: 1799.5
 NA: 8
 LB: 0.0
 PTS1d: 16384
 Nuts - \$CP-LXL-735-90-H1-DMSO-070t
 USER: -- DATE: Jun 21



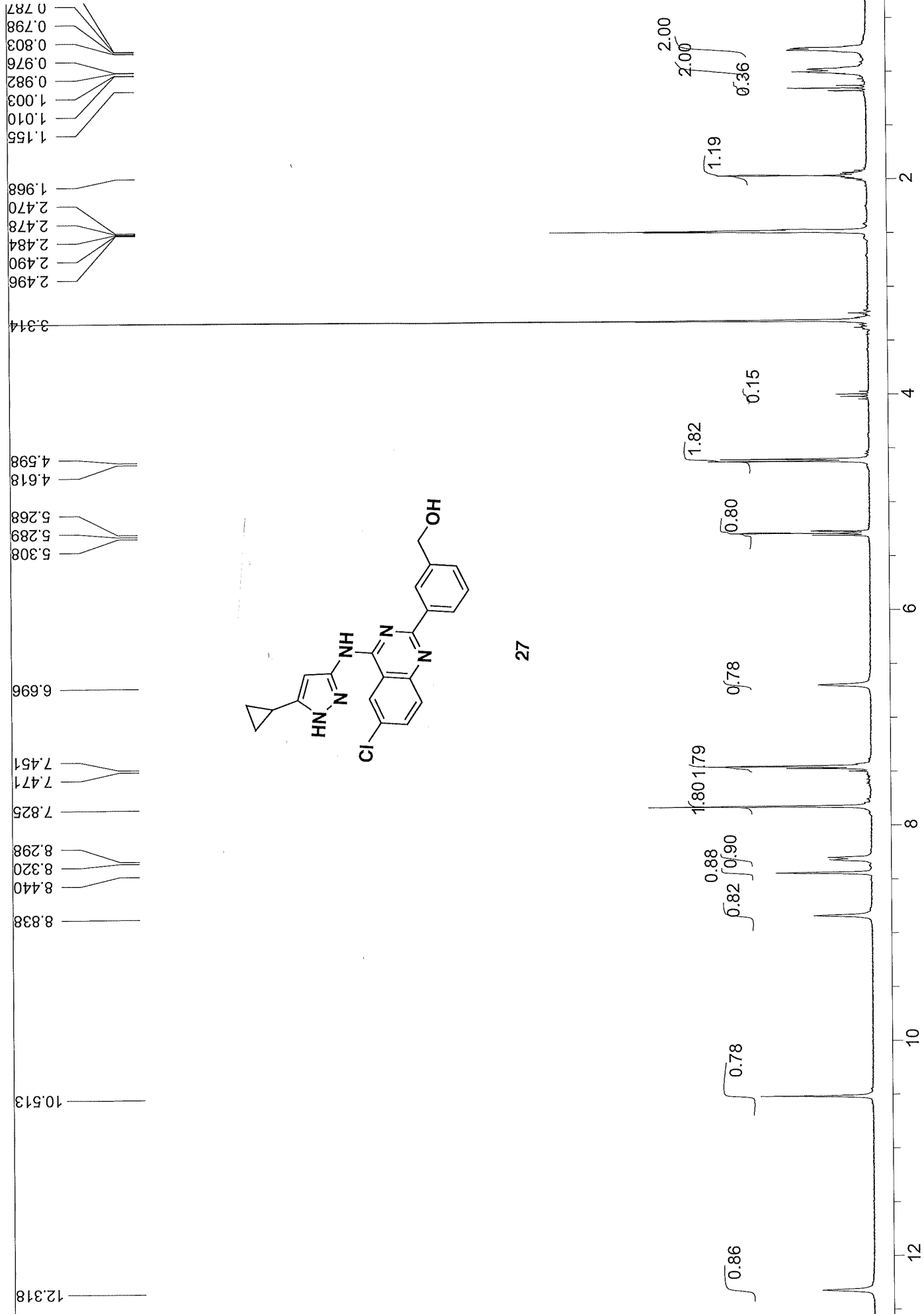
26



USER: -- DATE: Jul 11

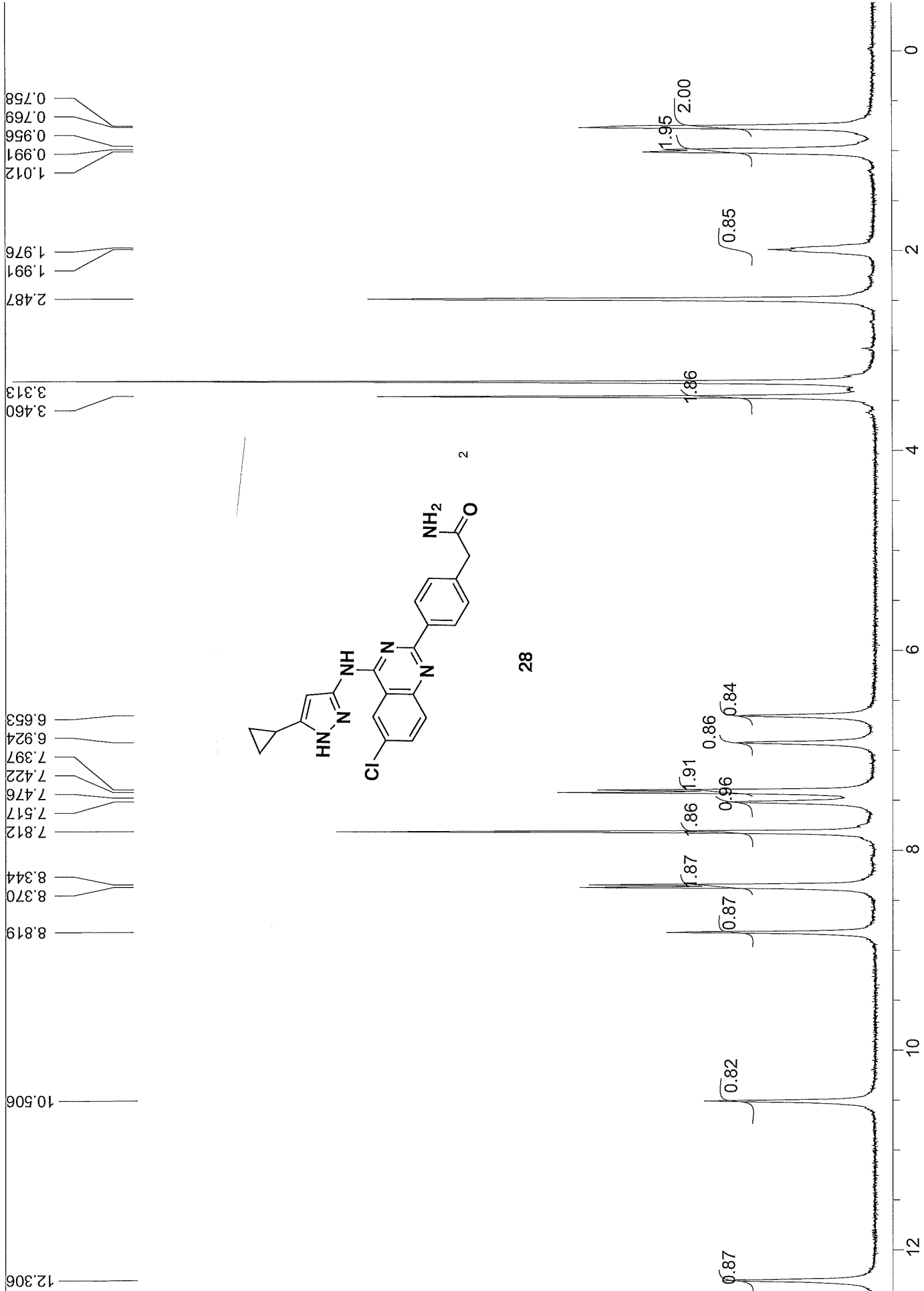
4-5-H1-CDC13-070711	PTSIId: 16384	OF1: 1799.5	PD: 1.0 sec
0.918	F2: 75.421	NA: 8	PW: 6.2 usec
		LB: 0.0	

pu1



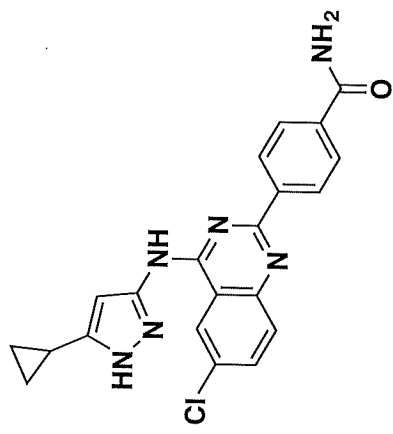
27

WARD 1H OBSERVE; blank line		USER: -- DATE: Jul.	
918	F2: 75.421	PTSId: 16384	Nuts - \$CP-LXL-735-92-H1-DMSO-070
	PW: 6.2 usec	LB: 0.0	
	PD: 1.0 sec	NA: 8	
	SW1: 7987	OF1: 1799.5	

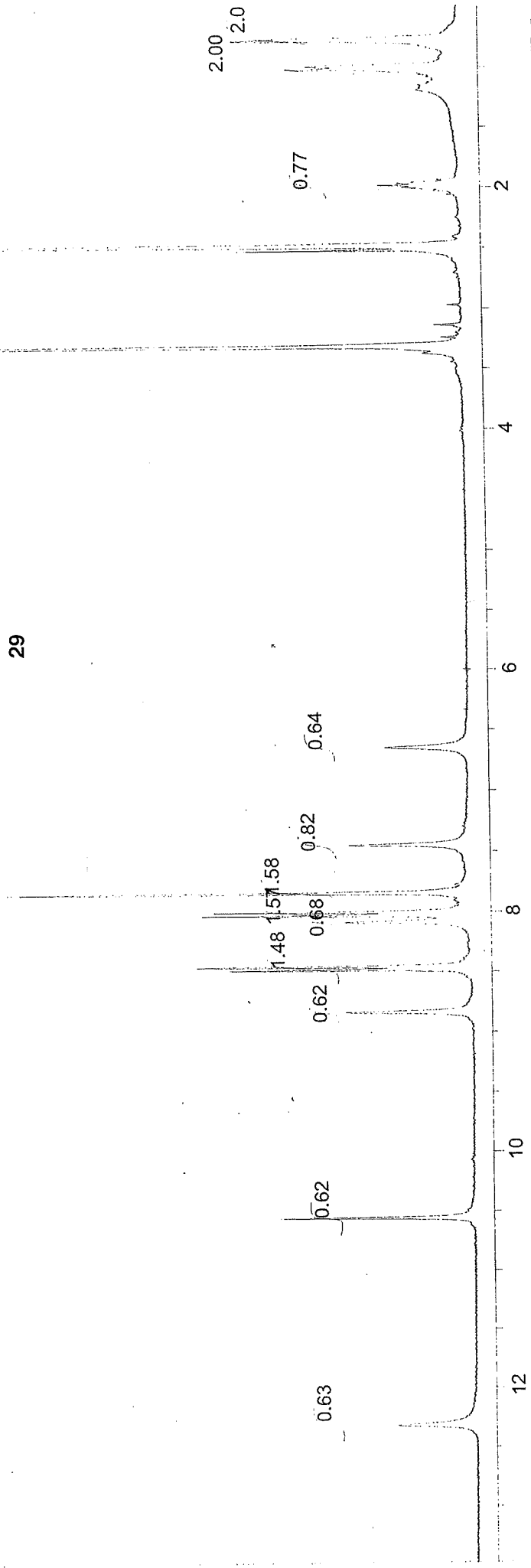


ARD 1H OBSERVE:blank line
 918 F2: 75.421
 ul
 USER: -- DATE: Jul
 PTSId: 16384
 Nuts - SCP-LXL-735-88-H1-DMSO-070
 LB: 0.0
 OF1: 1799.5
 NA: 8
 PD: 1.0 sec
 PW: 6.2 usec
 SW1: 7987

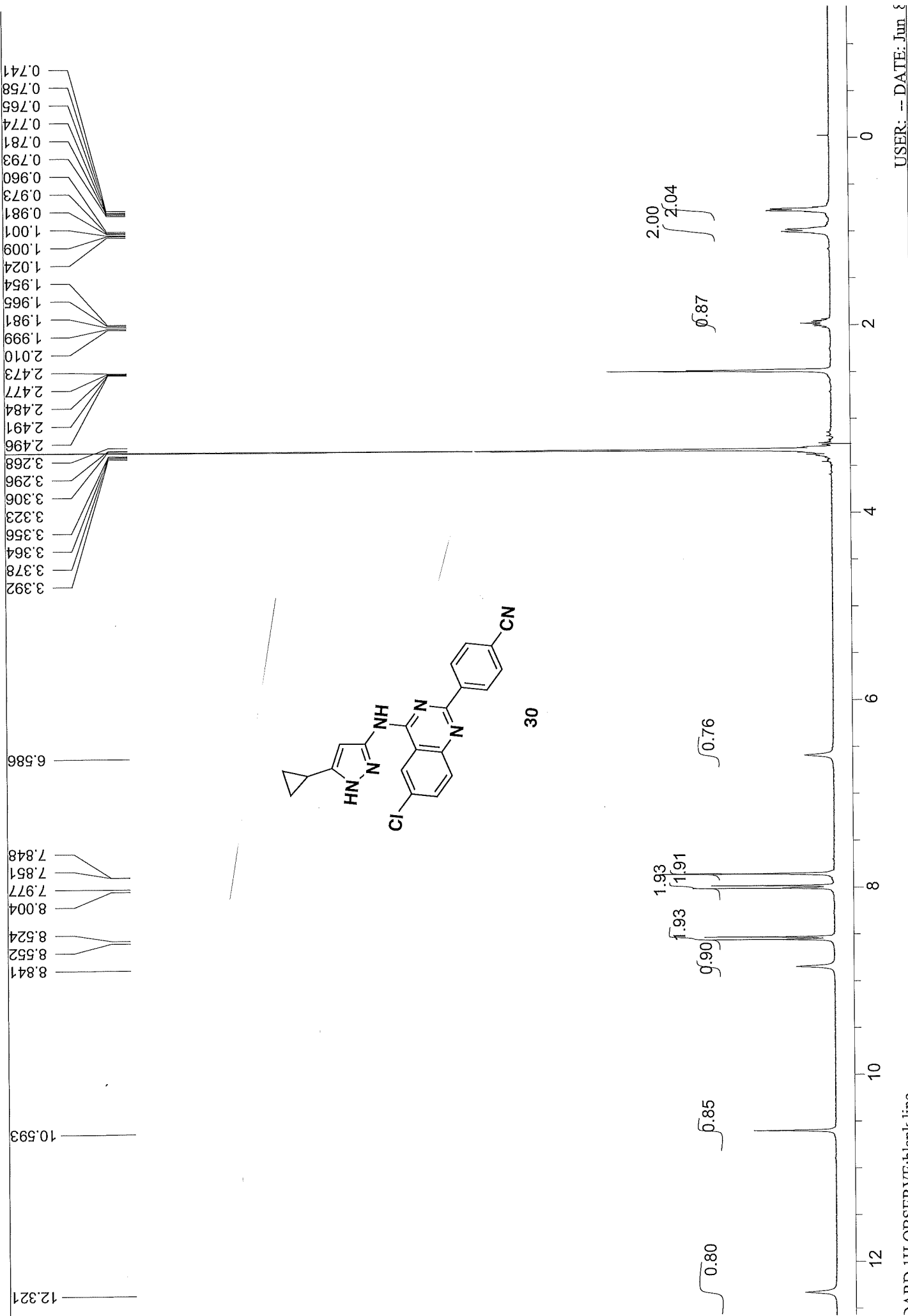
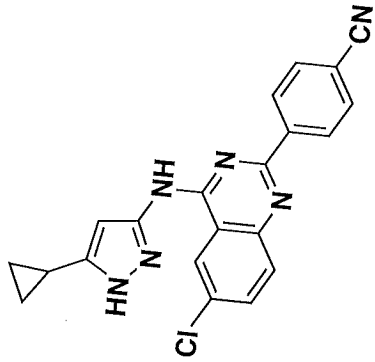
12.315
10.555
8.835
8.481
8.453
8.082
8.025
7.997
7.839
7.446
6.643
3.309
2.519
2.480
1.999
1.984
1.968
1.012
0.991
0.772
0.760



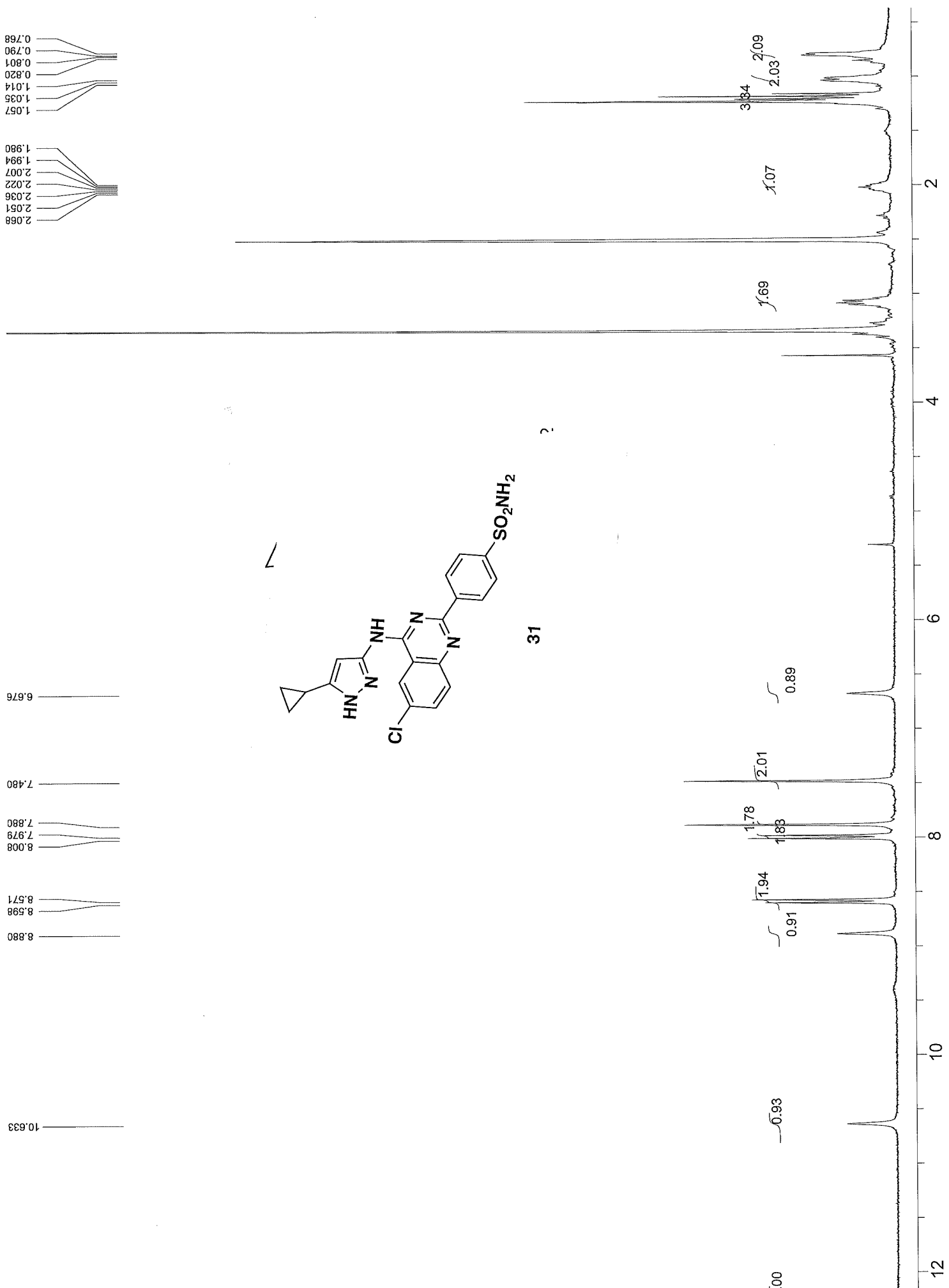
29



STANDARD IH.OBSERVE:blank line
 F1: 299.918 F2: 75.421
 SW1: 7987 PD: 1.0 sec
 PW: 6.2 usec
 NA: 16
 OF1: 1799.5
 LB: 0.0
 PTS1d: 16384
 Nuts - \$CP-LXL735-85-HJ-DMSO-0
 USER: -- DATE: Jun



DARD 1H OBSERVE: blank line
 USER: -- DATE: Jun 8
 SW1: 7987
 PTS1d: 16384
 F2: 75.421
 Nuts - \$CP-LXL-735-80-HI-DMSO-0706
 PD: 1.0 sec
 LB: 0.0
 OF1: 1799.5
 NA: 16



RD_1H OBSERVE

8 F2: 75.421

SW1: 7987

PW: 6.2 usec

OFI: 1806.8

NA: 16

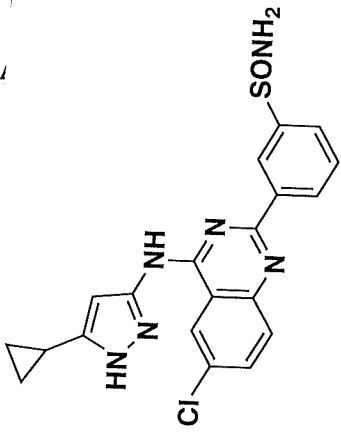
PD: 1.0 sec

PTS1d: 16384

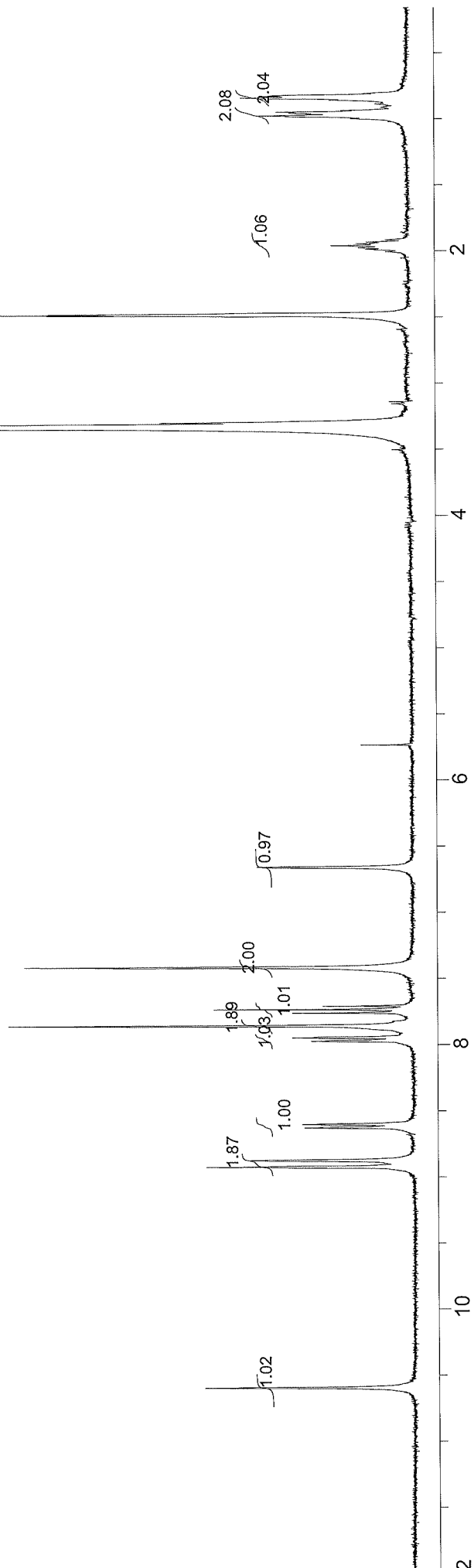
LB: 0.0

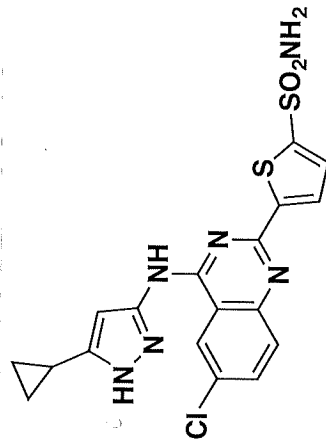
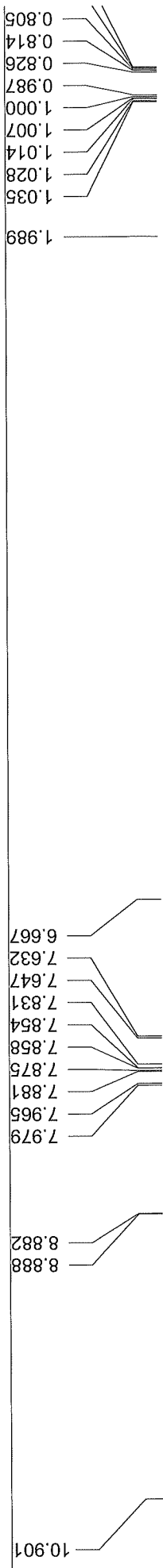
WimNuts - \$CP-fxl-740-151-B-H1-DMSO-070929T

USER: -- DATE: Sep 21

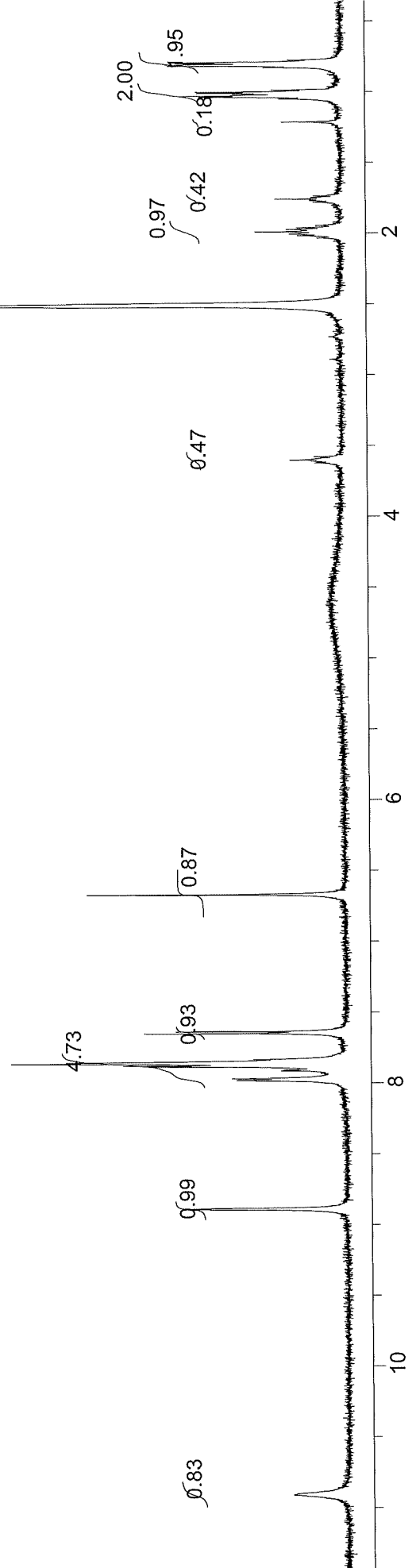


32





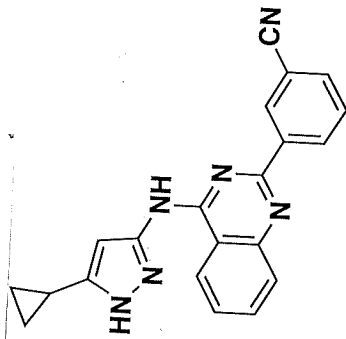
33



RD 1H OBSERVE: blank line		USER: -- DATE: Dec. 1	
18	F2: 75.421	PTSId: 16384	Nuts - \$CP-CJG-0001588-026-A-h1-DMSO-071208]
	SW1: 5602	LB: 0.0	
	PW: 4.3 usec	OF1: 1806.8	
	PD: 1.0 sec	NA: 8	

2.009
1.989
1.979
1.963
1.946
1.934
1.917
1.632
1.557
1.483
1.085
1.079
1.072
1.057
0.905
0.892
0.874
0.868
0.852

8.849
8.786
8.759
8.632
8.609
8.162
7.999
7.973
7.919
7.893
7.877
7.854
7.828
7.802
7.777
7.755
7.751
7.653
7.627
7.613
7.602
7.584
7.557
7.529
7.259
6.777
6.739



34

0.95 0.76 1.05 181.16
0.83 0.23 0.90 1.19

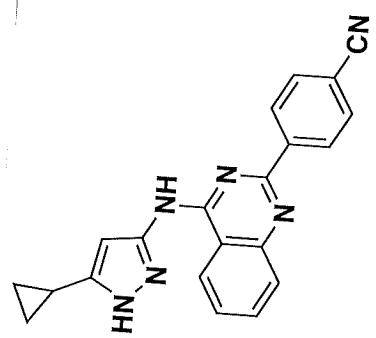
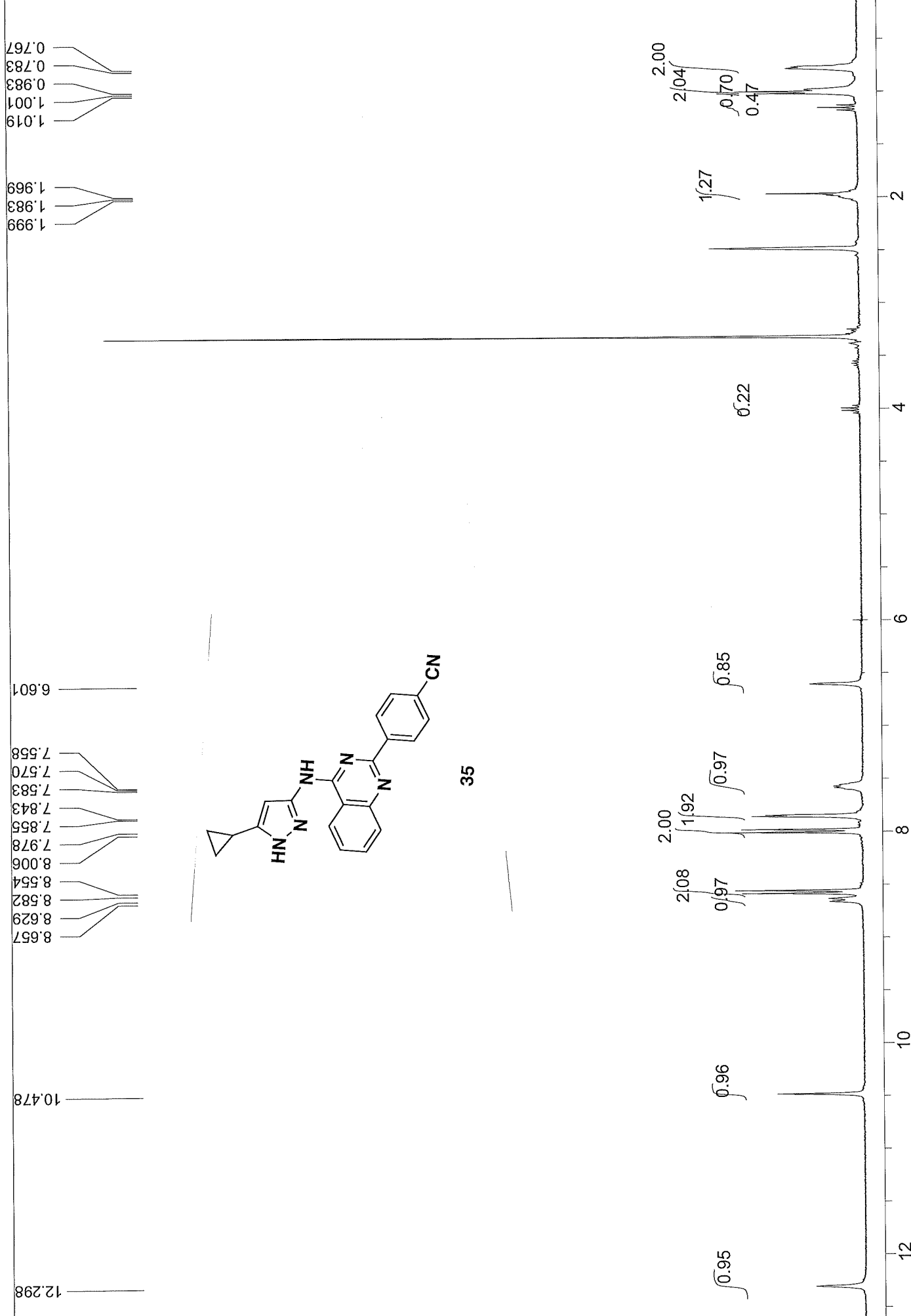
0.64

1.26 0.00
0.68

0.93

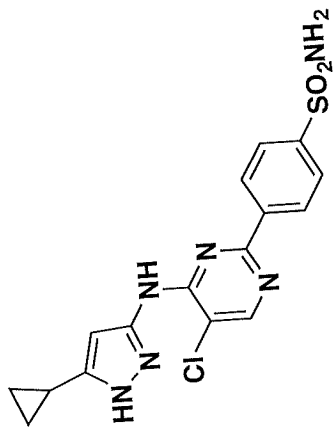
PPM

1H OBSERVE: blank line		USER: -- DATE: Jul 13 2007
F2: 75.421	SW1: 7987	PTSID: 16384
PW: 6.2 usec	OF1: 1799.5	LB: 0.0
	NA: 32	File: \$CP-LXL-735-96-H1-CDCL3-070713.fid

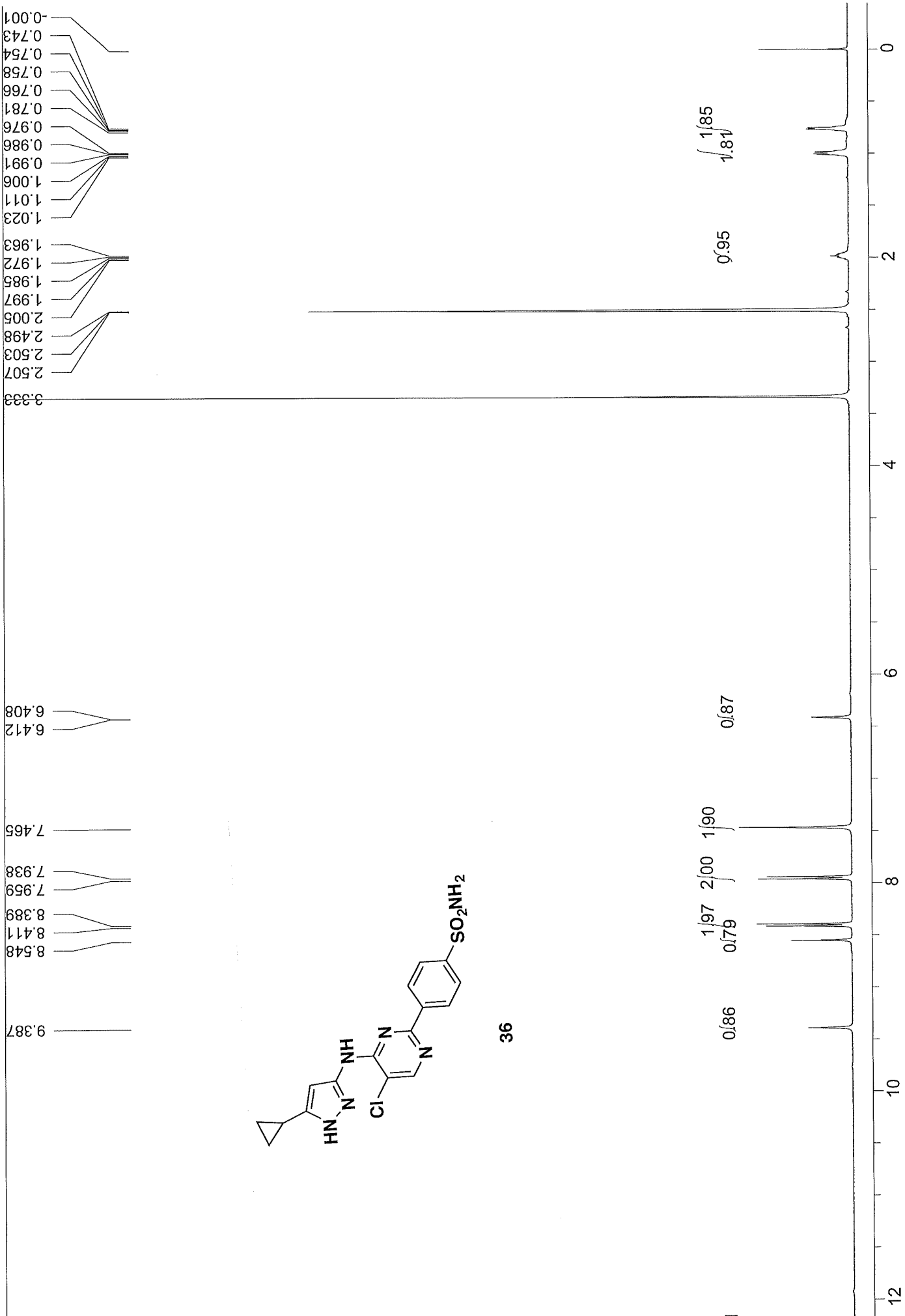


35

4-5-H1-CDCl3-070711	SW1: 7987	OF1: 1799.5	PTS1d: 16384	USER: -- DATE: Jul 11
9.918	F2: 75.421	NA: 8	Nuts - \$CP-LXL-735-108-H1-DMISO-070	
0.1	PW: 6.2 usec	PD: 1.0 sec	LB: 0.0	

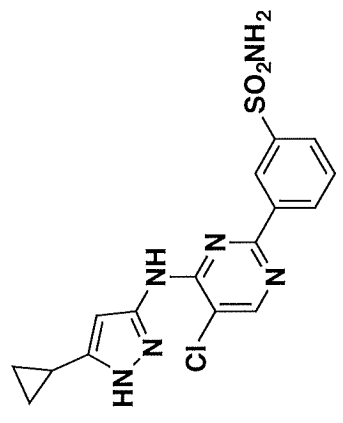
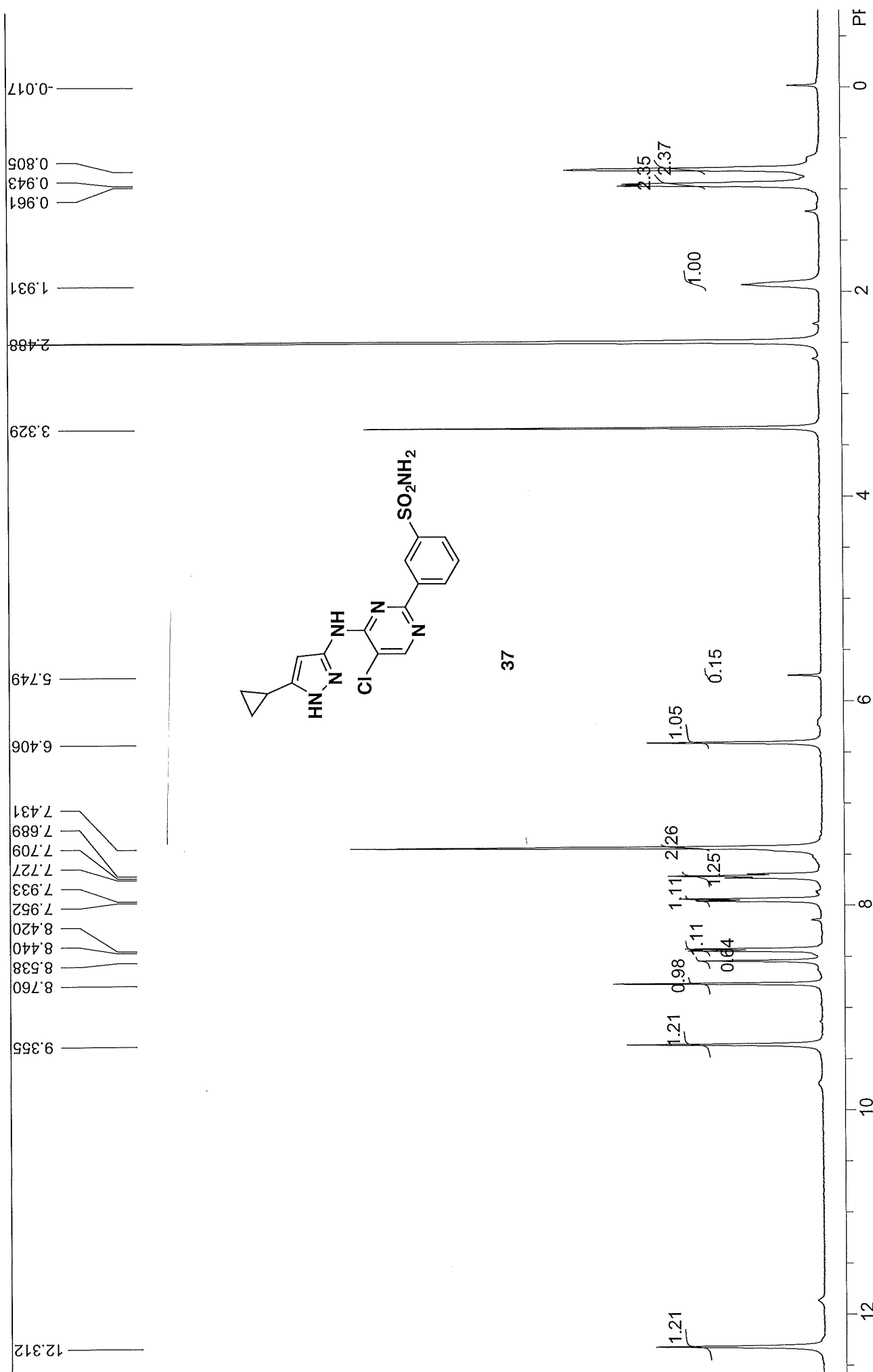


36



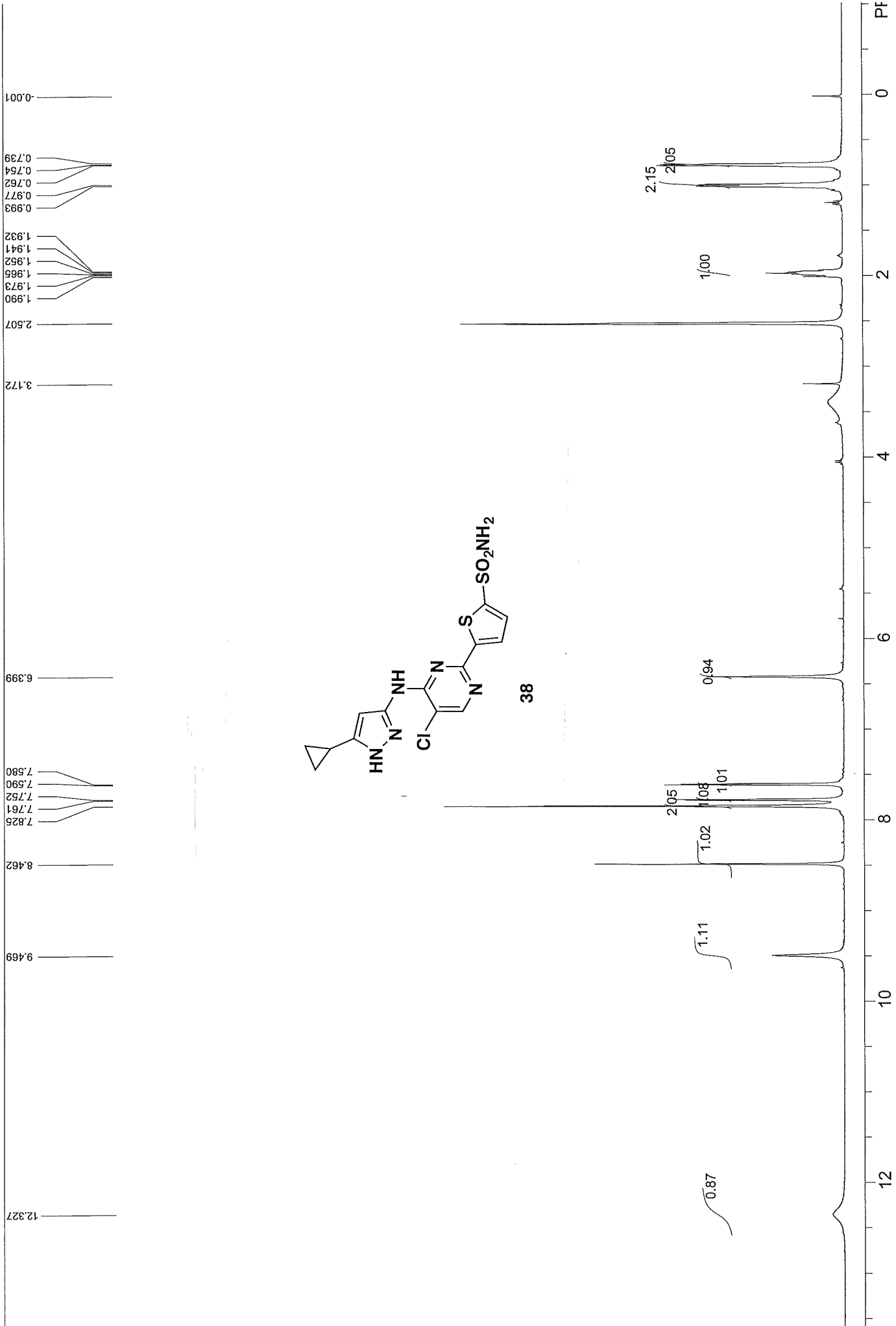
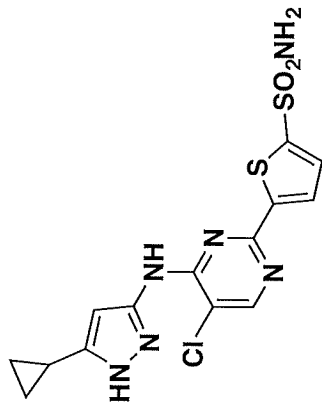
SO,
2
F2: 1.000
SW1: 8224
PW: 13.8 usec
PD: 1.0 sec
OF1: 2474.8
NA: 8
LB: 0.0
PTS1d: 32768
Nuts -

USER: nmr -- DATE: Wed Apr 23 12:37:51

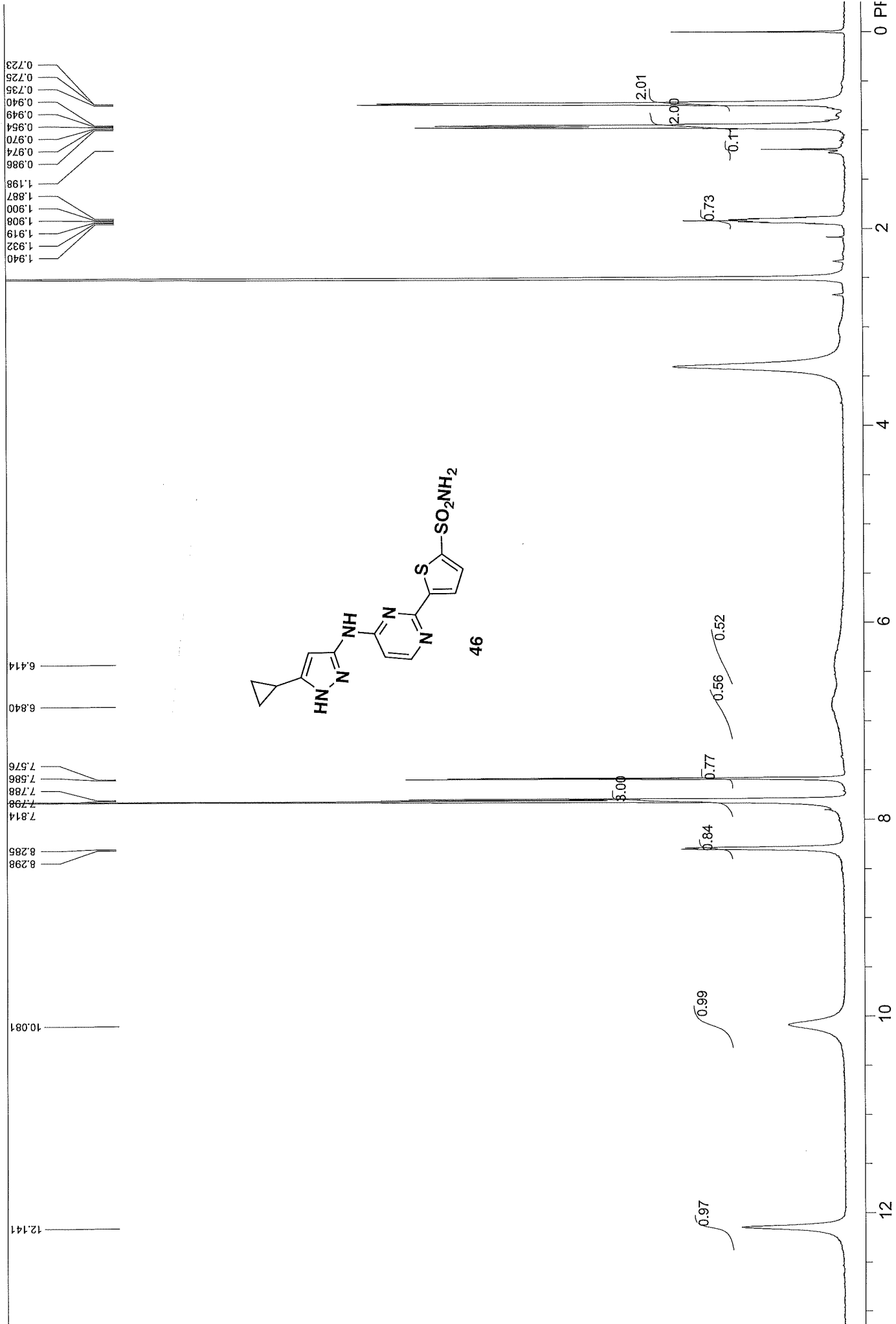


ct. DMSO.
 400.133 F2: 1.000
 : : zg

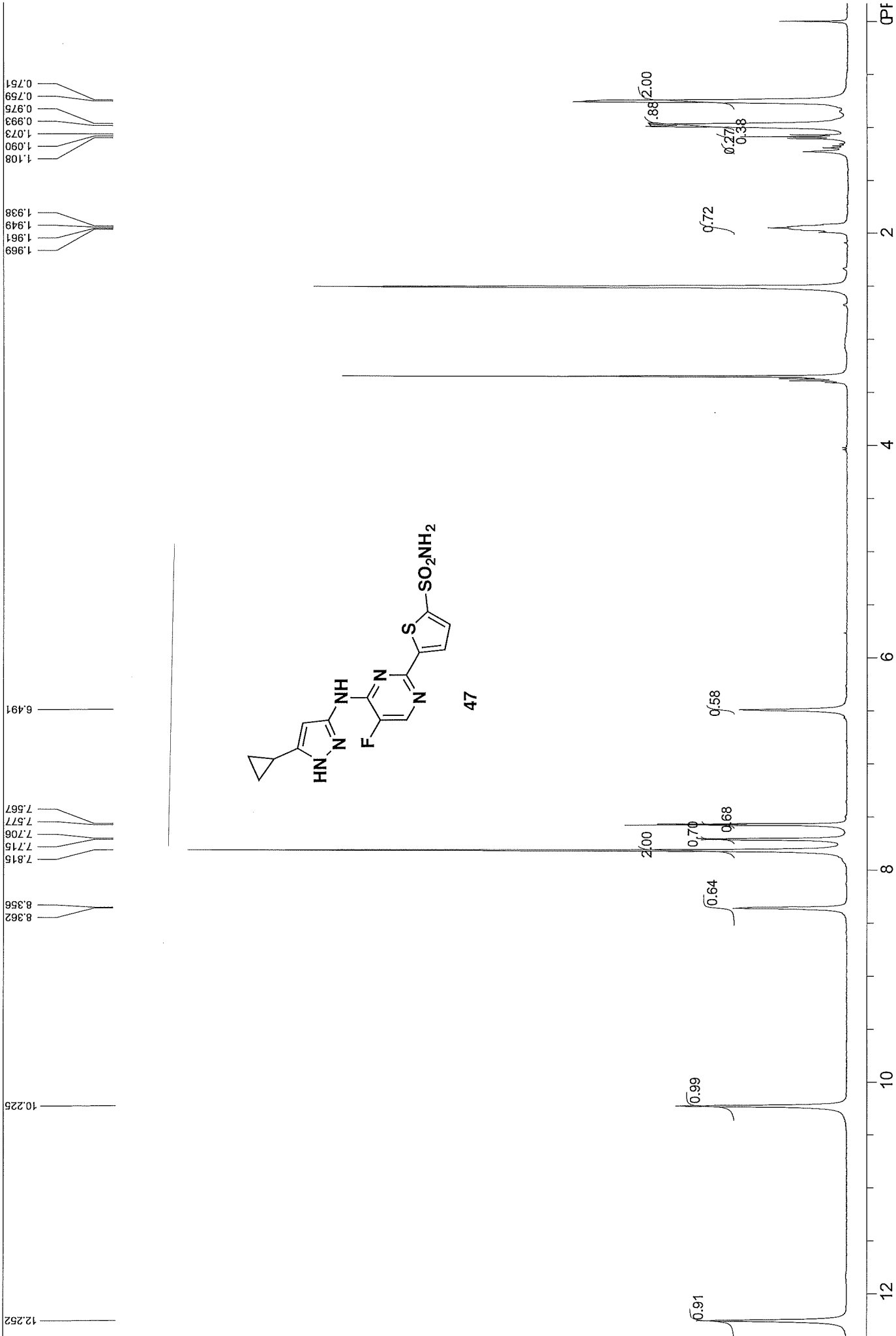
USER: nmr -- DATE: Mon Jan 28 13:47:07 200
 PTS1d: 16384
 OF1: 2600.9
 LB: 0.0
 NA: 8
 PD: 1.0 sec
 Nuts - \$pda



USER: nmr -- DATE: Mon Jul 07 07:54:29 2007
 PTSId: 32768
 OF1: 2483.9
 NA: 8
 LB: 0.0
 PD: 1.0 sec
 SW1: 8224
 PW: 13.8 usec
 WinNuts - \$pda



USER: nmr -- DATE: Mon Mar 03 08:37:10 2003
 PTSId: 16384
 OF1: 2607.5
 NA: 8
 LB: 0.0
 PD: 1.0 sec
 SW1: 8013
 PW: 14.3 usec
 WinNuts - Spda



USER: nmr -- DATE: Mon Mar 03 08:32:11 2003

PTSId: 16384

OF1: 2607.3

PD: 1.0 sec

SW1: 8013

NA: 8

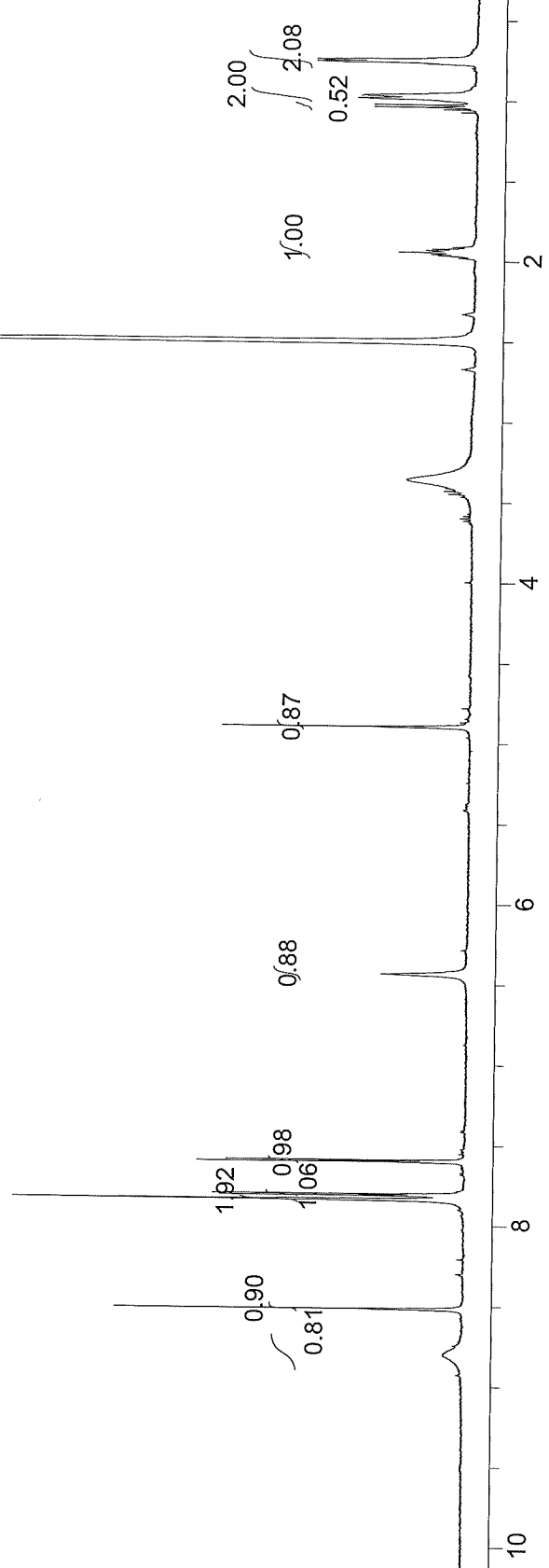
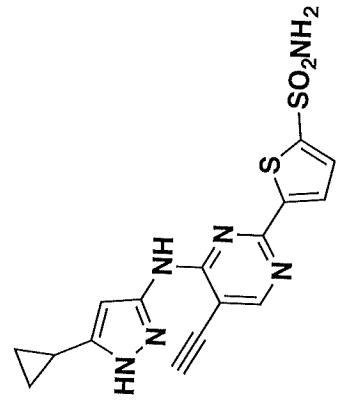
LB: 0.0

WinNuts - \$pda

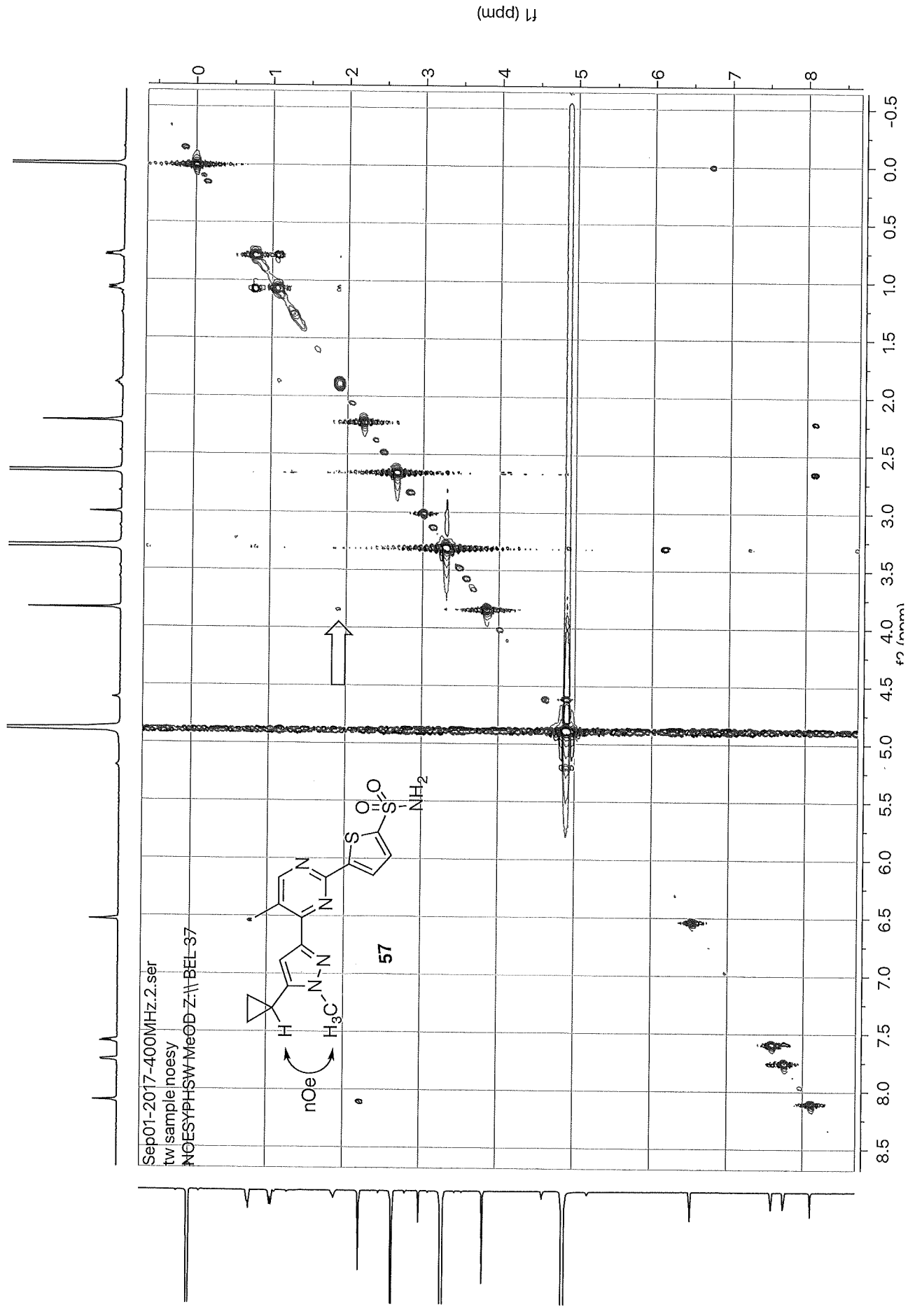
z.g

1.980
1.947
1.913
0.991
0.986
0.970
0.965
0.772
0.761
0.749

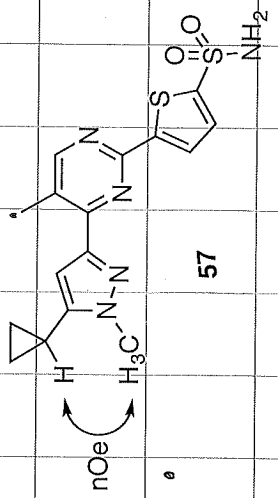
8.796
8.516
7.837
7.812
7.802
7.602
7.592
6.435
4.896

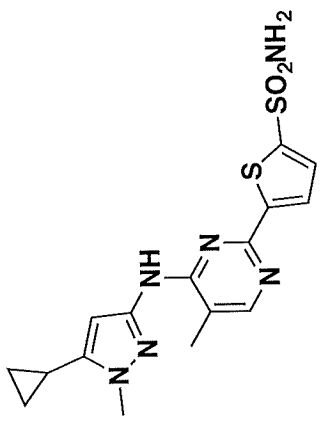
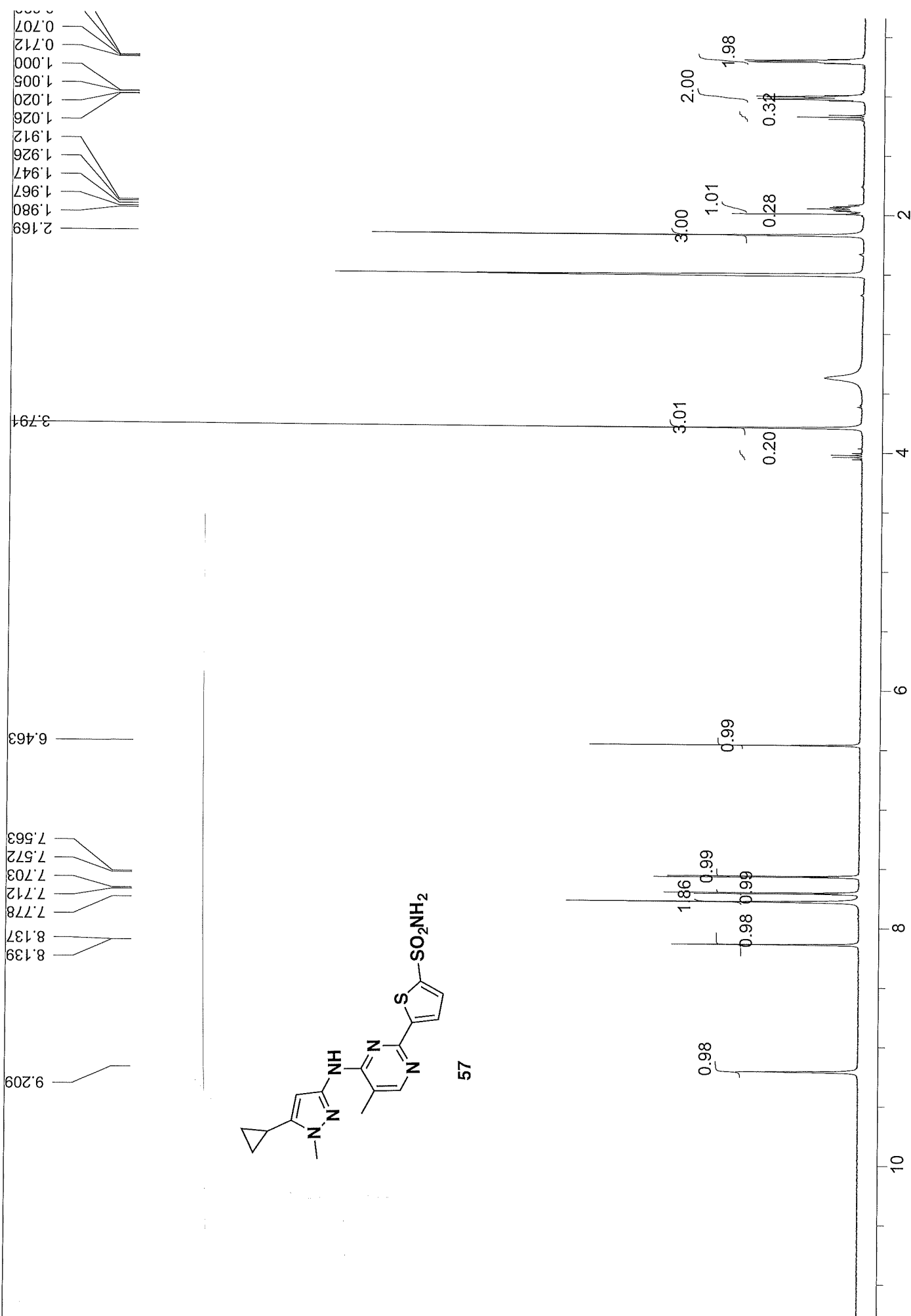


F2: 1.000	SW1: 8224	OF1: 2475.2	USER: nmr -- DATE: Mon Apr 21 08:57:51
	PW: 13.8 usec	NA: 8	PTSId: 32768
	PD: 1.0 sec	LB: 0.0	
			Nuts -



Sep01-2017-400MHz.2.ser
 tw sample noesy
 NOESYPHSW-MeOD Z:\BEL-37





57

USER: nmr -- DATE: Mon Jun 02 07:56:41
 PTS1d: 32768
 OF1: 2475.4
 NA: 8
 LB: 0.0
 SW1: 8224
 PD: 1.0 sec
 F2: 1.000
 PW: 13.8 usec
 Nuts -