

## SUPPORTING INFORMATION

### Synthesis and Reactions of 2-Chloro- and 2-Tosyloxy-2'-Deoxyinosine Derivatives

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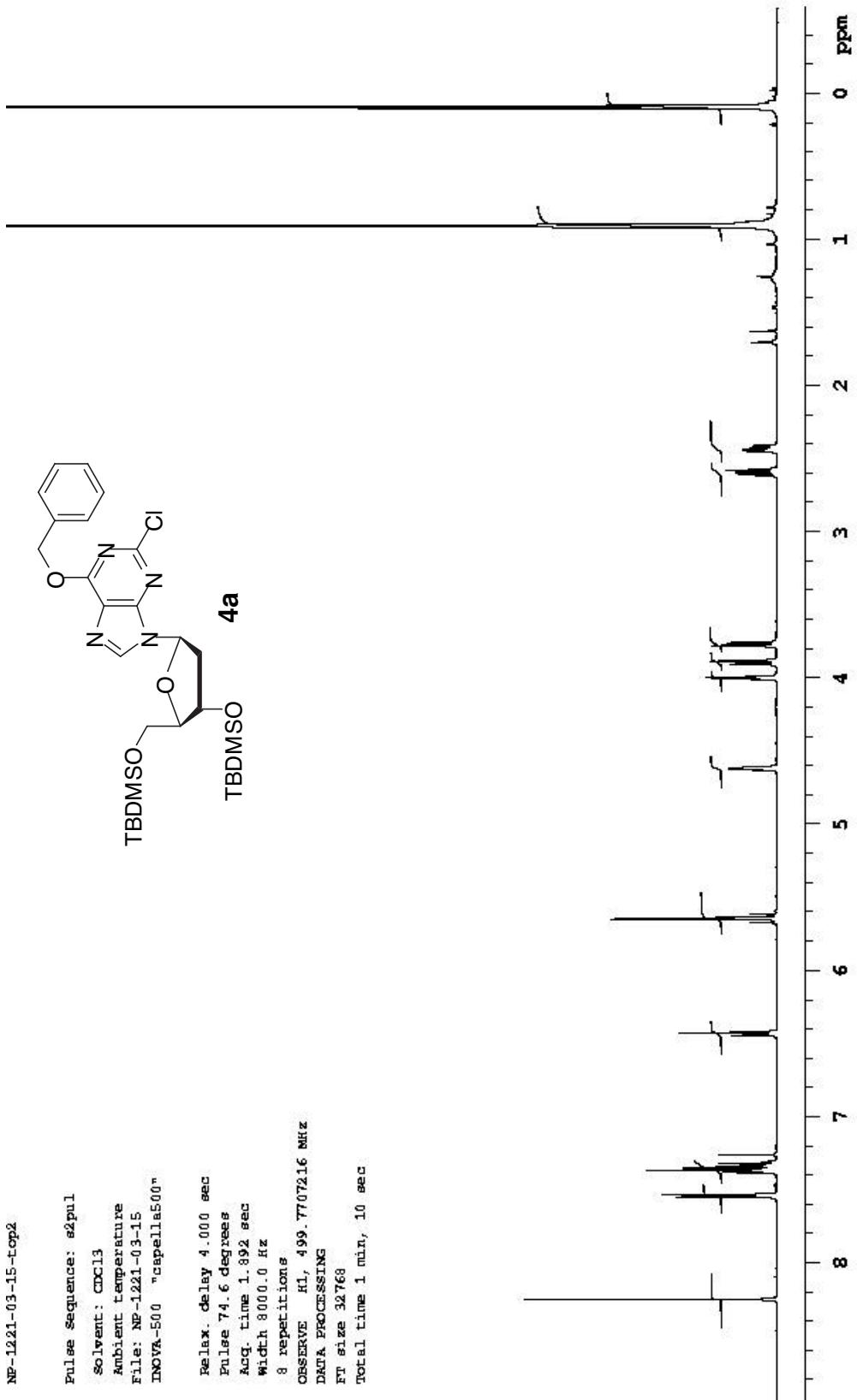
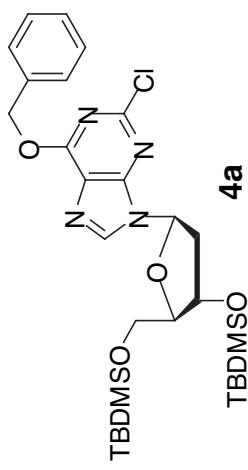
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NP-1221-03-15-t-tp2

Pulse Sequence: s2pul  
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Ambient temperature  
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Pulse 74.6 degrees  
Acq. time 1.392 sec  
Width 8000.0 Hz  
8 repetitions  
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DATA PROCESSING  
FT size 32768  
Total time 1 min, 10 sec



NP-12.21-02-59

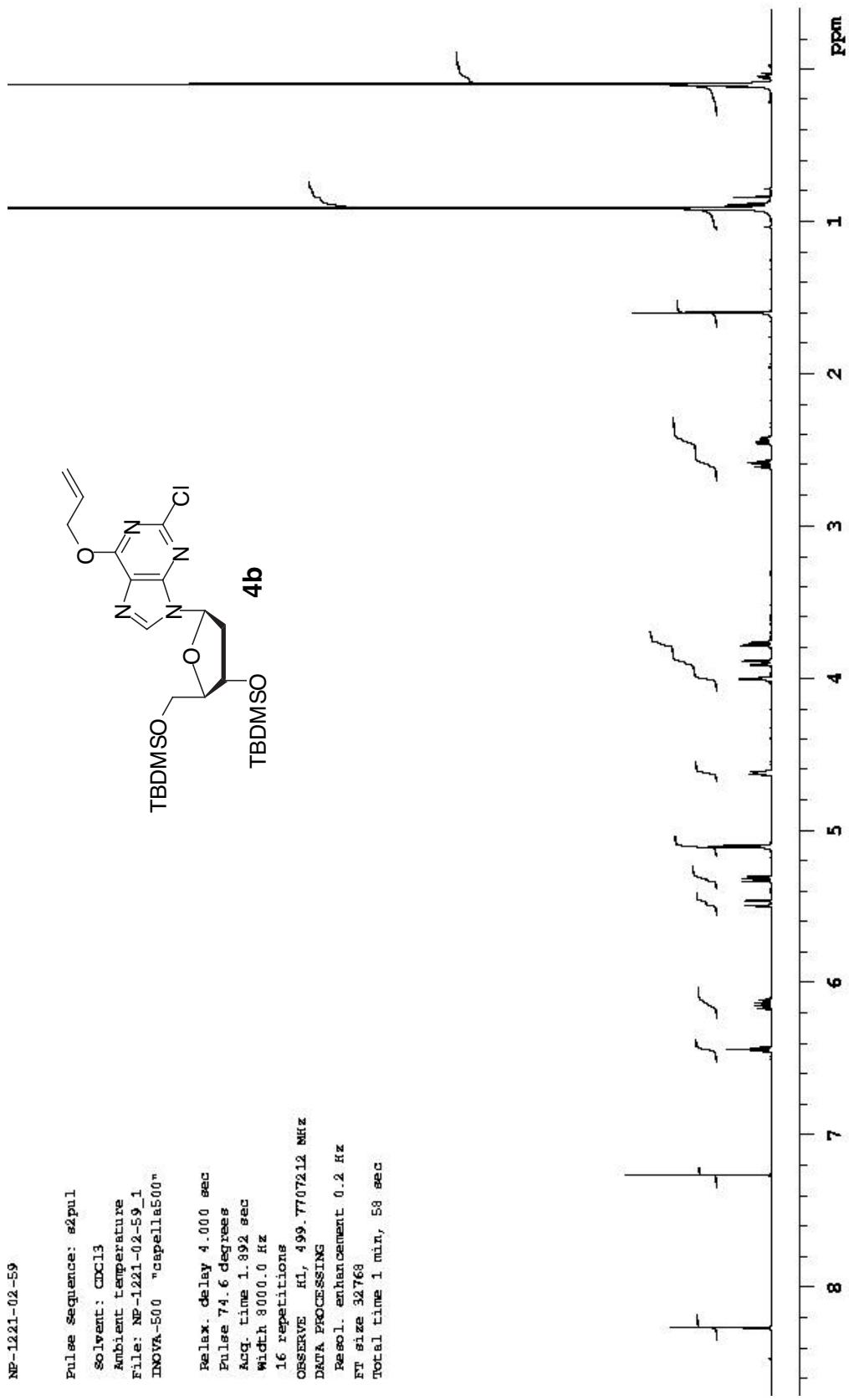
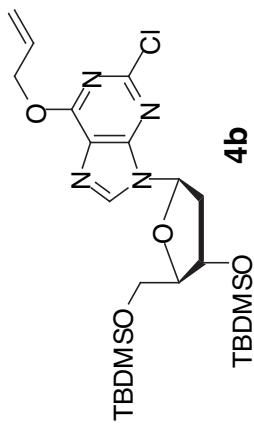
Pulse Sequence: s2pul

Solvent: CDCl<sub>3</sub>

Ambient temperature

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DATA PROCESSING  
Resol. enhancement 0.2 Hz  
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NP-1205-04-15-1K

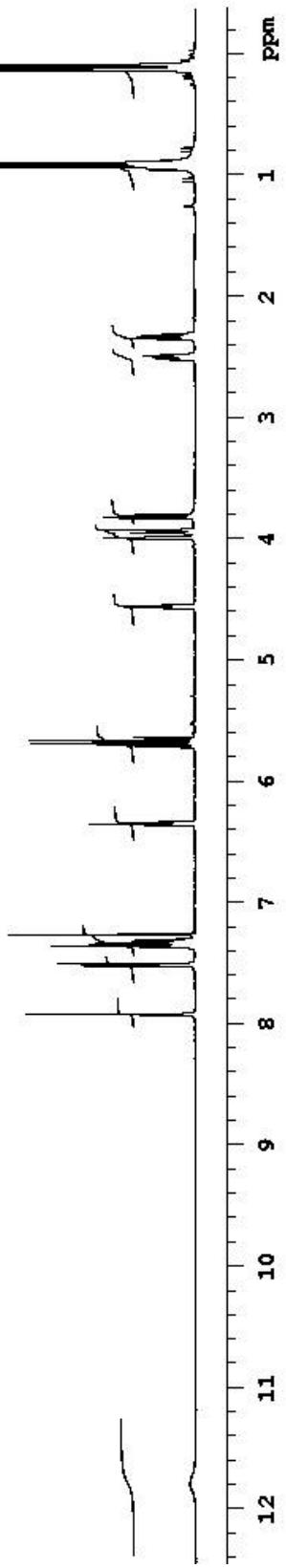
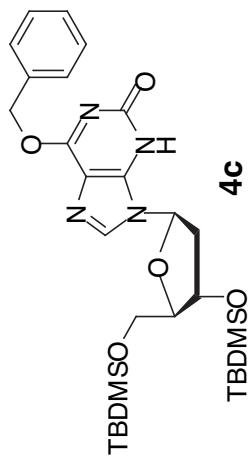
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Solvent: CDCl<sub>3</sub>

Ambient Temperature

File: from-korea  
INOVA-500 "capella500"

Pulse 45.0 degrees  
Acq. Time 1.892 sec  
Width 8000.0 Hz  
32 repetitions  
OBSERVE H<sub>1</sub>, 499.7707212 MHz  
DATA PROCESSING  
FT size 32768  
Total time 1 min, 0 sec



H1-8SY-A-70

Pulse Sequence: s2pul

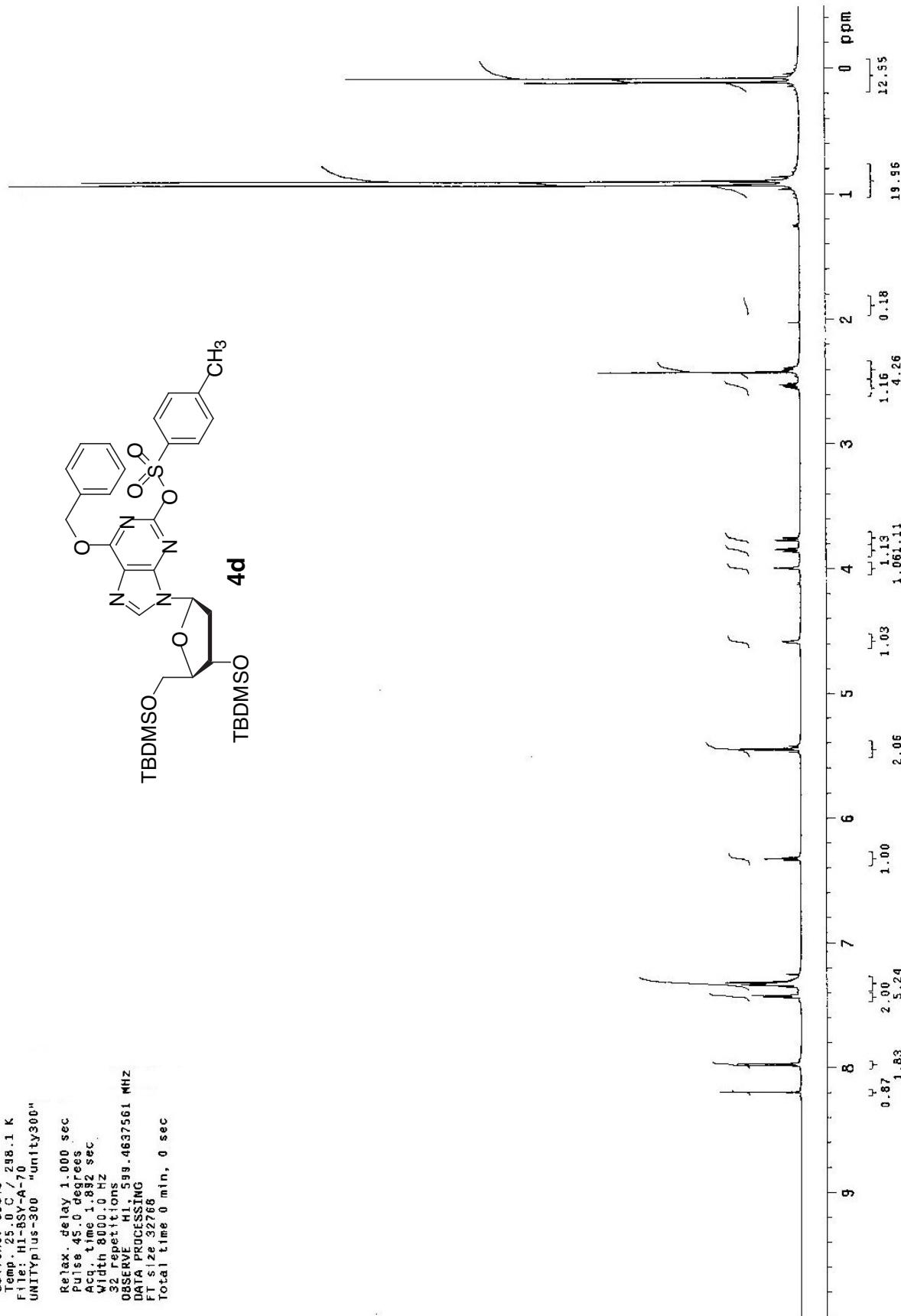
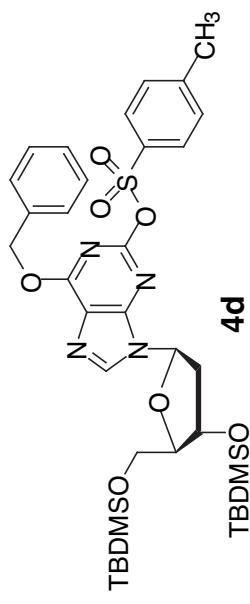
Solvent: CDCl<sub>3</sub>

Temp: 25.0 C / 298.1 K

File: H1-8SY-A-70

UNITYplus-300 "unity300"

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Pulse 45.0 degrees  
Acq. time 1.892 sec  
Width 800.0 Hz  
32 repetitions  
OBSERVE: H1, 598.4637561 MHz  
DATA PROCESSING  
FT size 32768  
Total time 0 min, 0 sec



NP-1221-02-41

Pulse sequence: s2pul

Solvent: CDCl<sub>3</sub>

Temp. 25.0 C / 298.1 K

File: NP-1221-02-41

INDYA-500 "capella500"

Relax. delay 3.000 sec

Pulse 97.4 degrees

Acc. time 1.892 sec

Width 8000.0 Hz

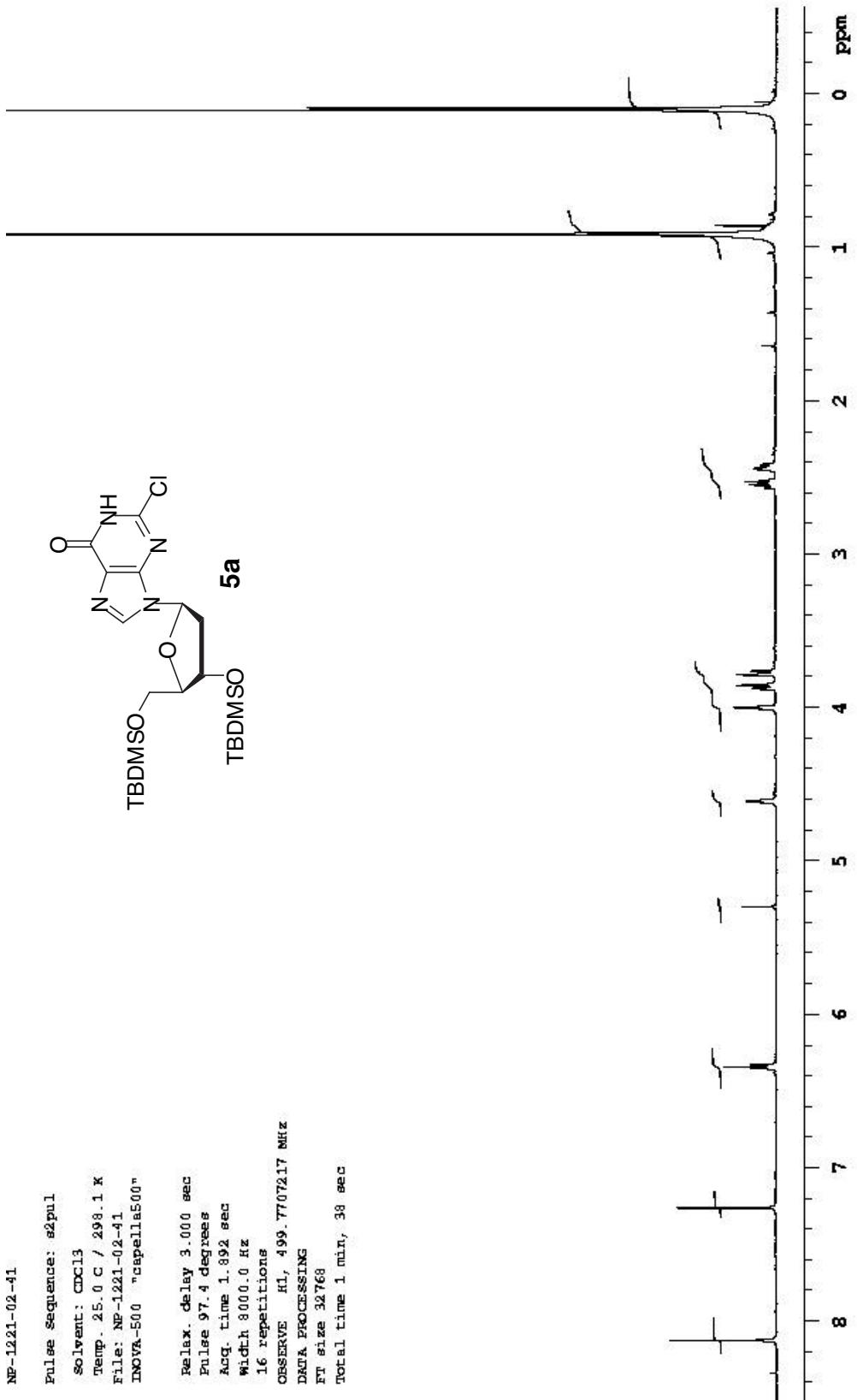
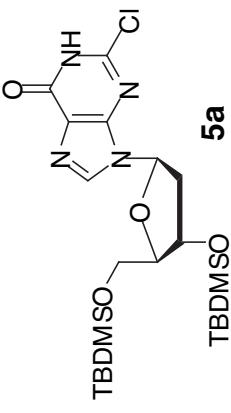
16 repetitions

OBSERVE H<sub>1</sub>, 4.99, 7.77/72.17 MHz

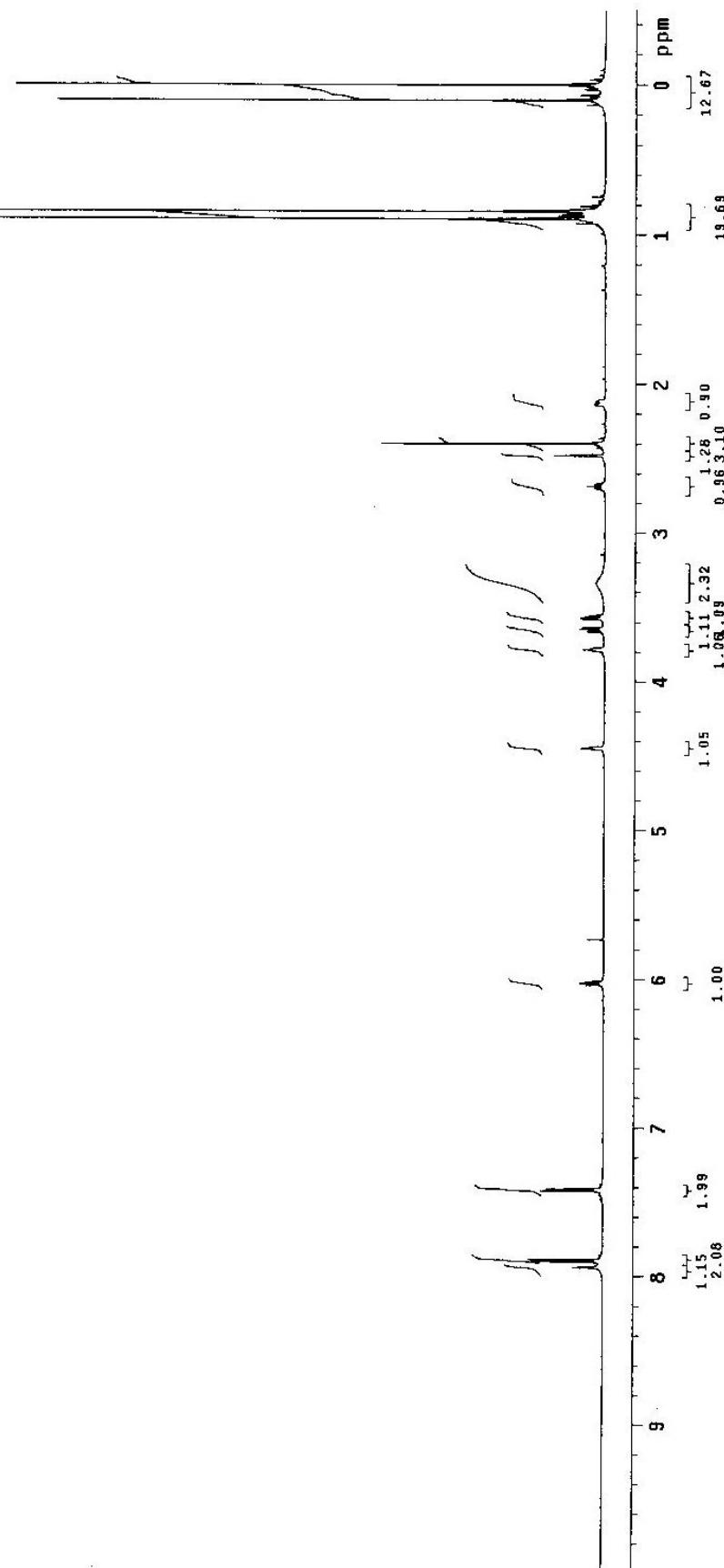
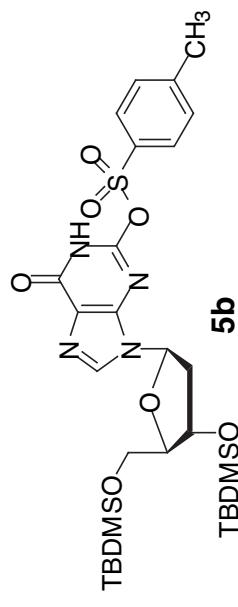
DATA PROCESSING

FT size 32768

Total time 1 min, 38 sec



H1-8SY-A-71  
Pulse Sequence: \$2pul  
Solvent: DMSO  
Ambient temperature  
File: H1-8SY-A-71  
UNITYplus-300 "unity300"  
Relax. delay 1.000 sec  
Pulse 45.0 degrees  
Acq. time 1.892 sec  
Width 8000.0 Hz  
96 repetitions  
OBSERVE H1 598.4666036 MHz  
DATA PROCESSING  
FT size 32768  
Total time 49 min, 32 sec



1221-01-np-23

Pulse Sequence: s2pul

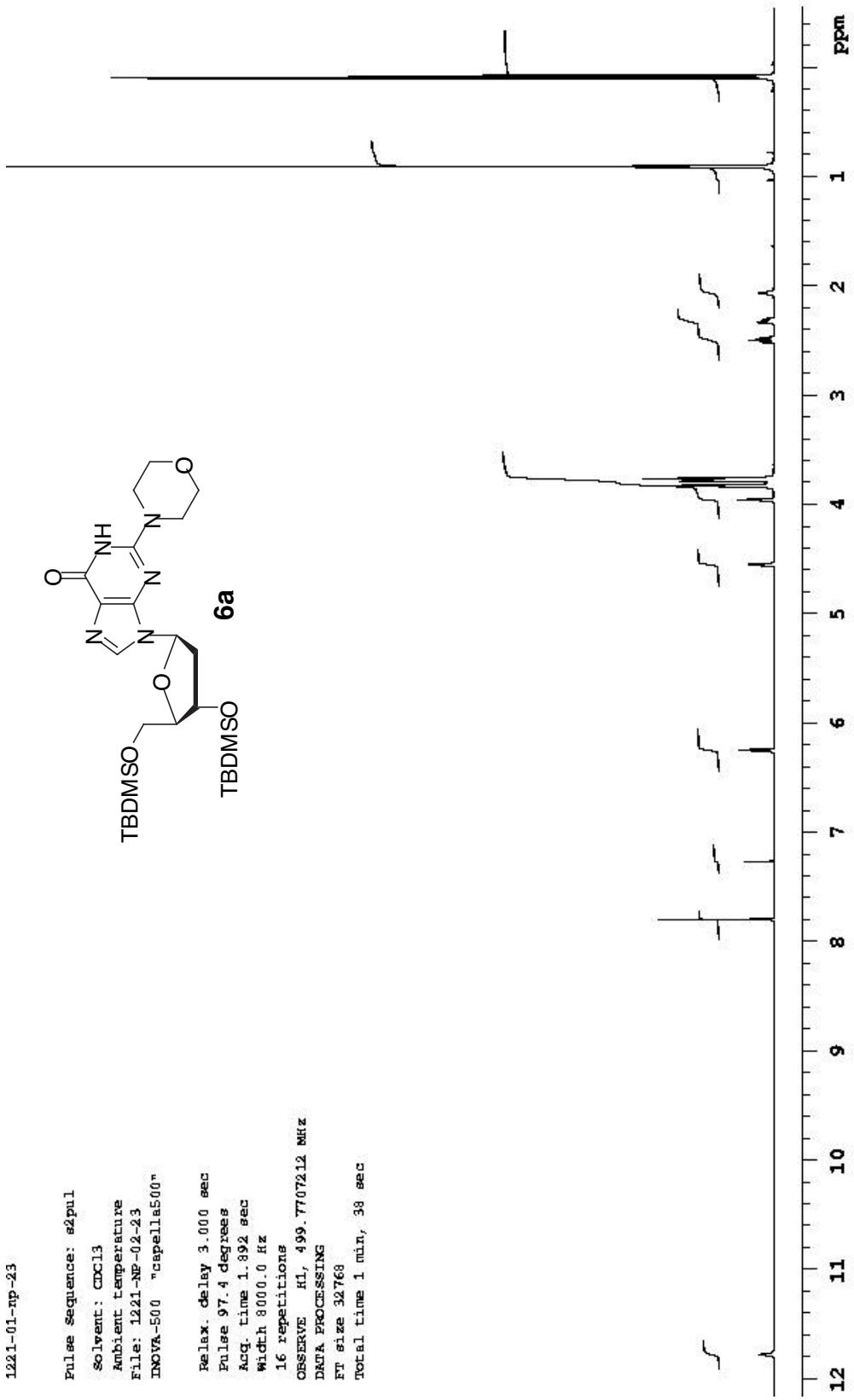
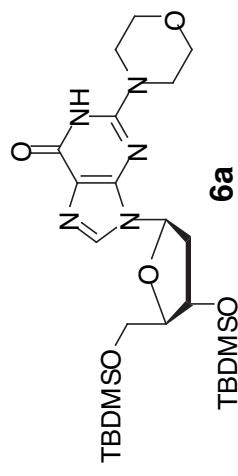
so lvent: CDCl<sub>3</sub>

Ambient temperature

File: 1221-np-02-23

INNOVA-500 "Capella500"

Relax. delay 3.000 sec  
Pulse 97.4 degrees  
Acq. time 1.392 sec  
Width 8000.0 Hz  
16 repetitions  
OBSERVE H<sub>1</sub>, 499.777072.12 MHz  
DATA PROCESSING  
FT size 32768  
Total time 1 min, 39 sec



1221-01-np-48

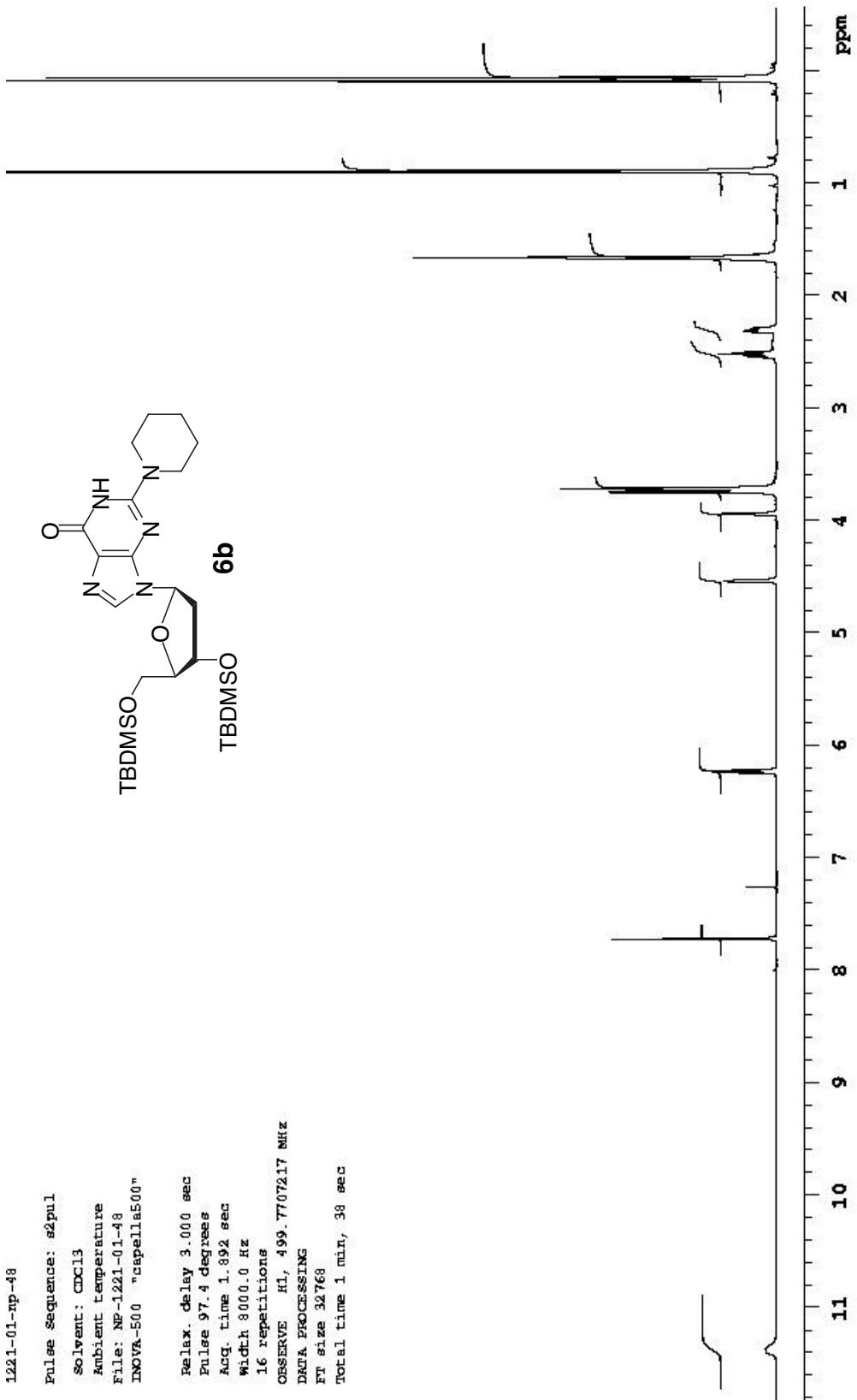
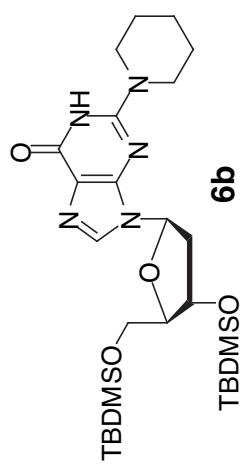
Pulse sequence: s2pul

Solvent: CDCl<sub>3</sub>

Ambient Temperature

File: NP-1221-01-48  
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Relax. delay 3.000 sec  
Pulse 97.4 degrees  
Acq. time 1.892 sec  
Width 8000.0 Hz  
16 repetitions  
OBSERVE FID, 4.99.777072.17 MHz  
DATA PROCESSING  
FT size 32768  
Total time 1 min, 38 sec



1221-02-NP-20  
50C

Pulse sequence: s2pul

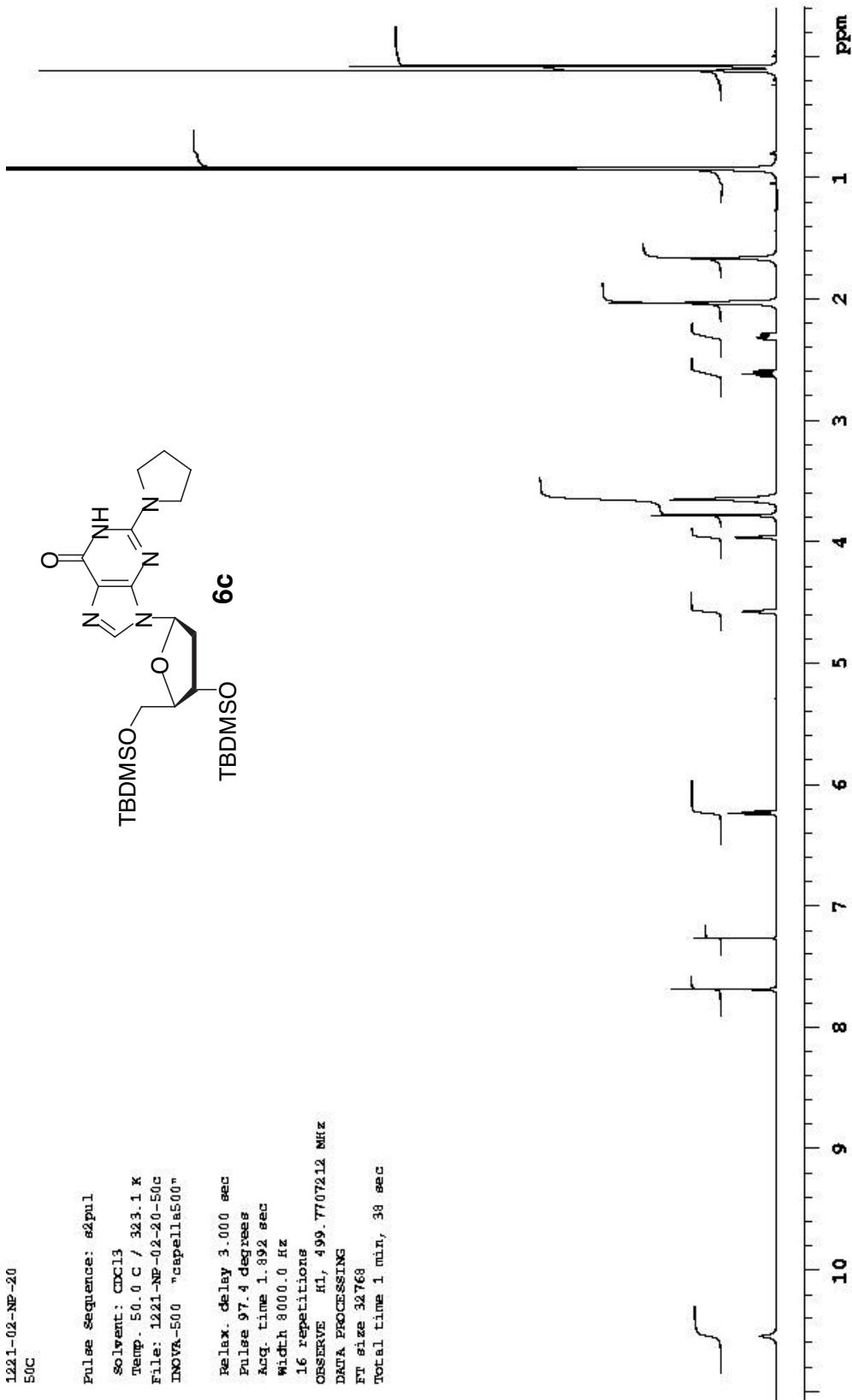
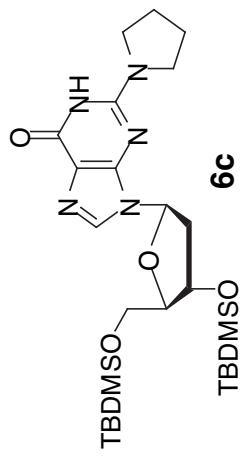
Solvent: CDCl<sub>3</sub>

Temp. 50.0 C / 323.1 K

File: 1221-NP-02-20-50C

INNOVA-500 "capella500"

Relax. delay 3.000 sec  
pulse 97.4 degrees  
acq. time 1.892 sec  
width 8000.0 Hz  
16 repetitions  
observe H1, 499.7707212 MHz  
DATA PROCESSING  
FT size 32768  
Total time 1 min, 38 sec



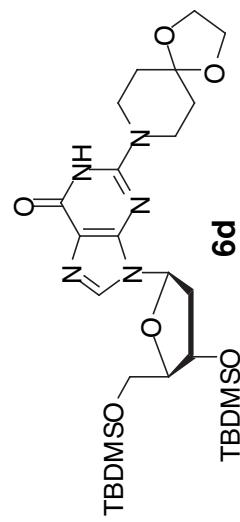
NP-1221-03-7-eleven

Pulse sequence: s2pul

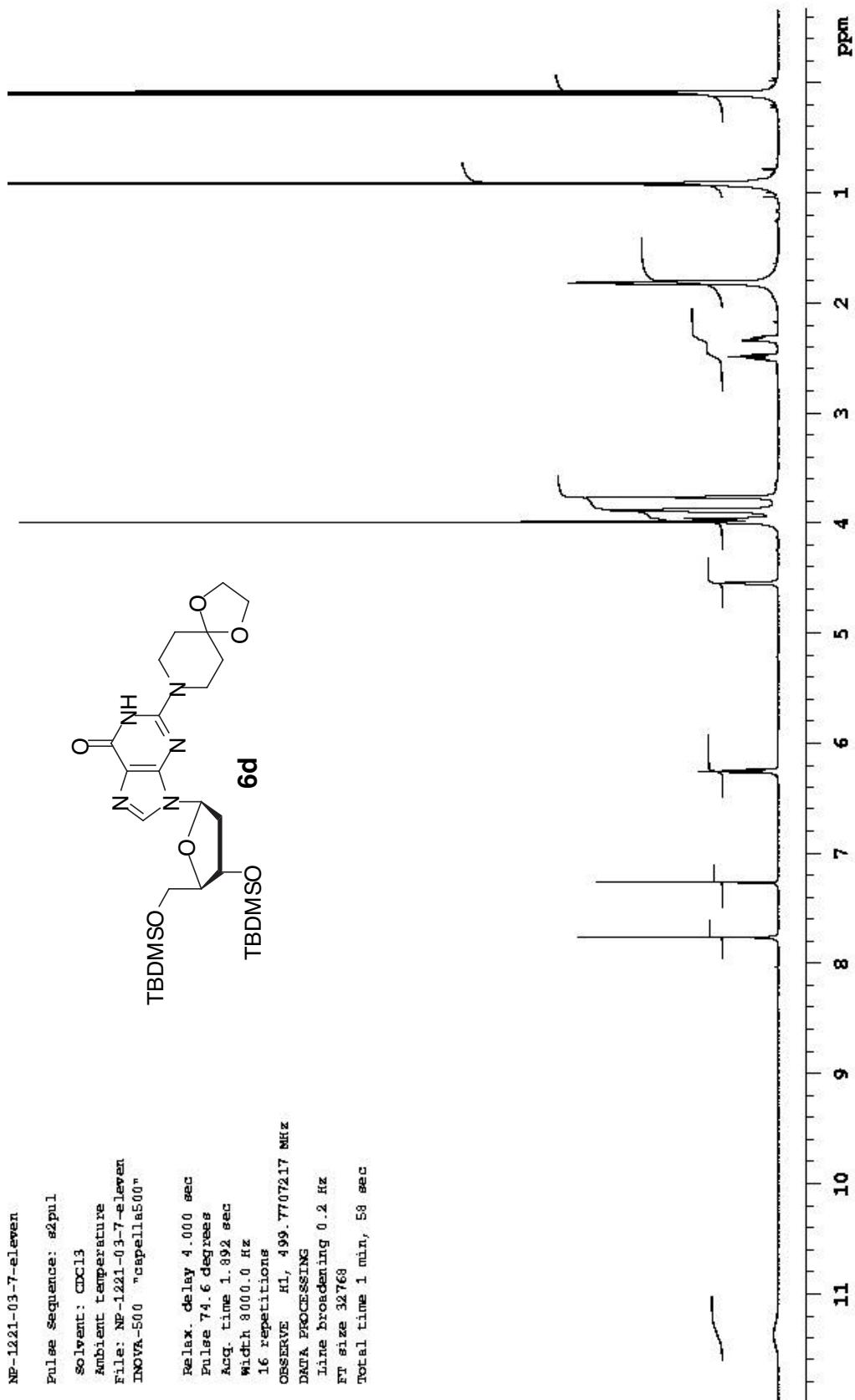
Solvent: CDCl<sub>3</sub>

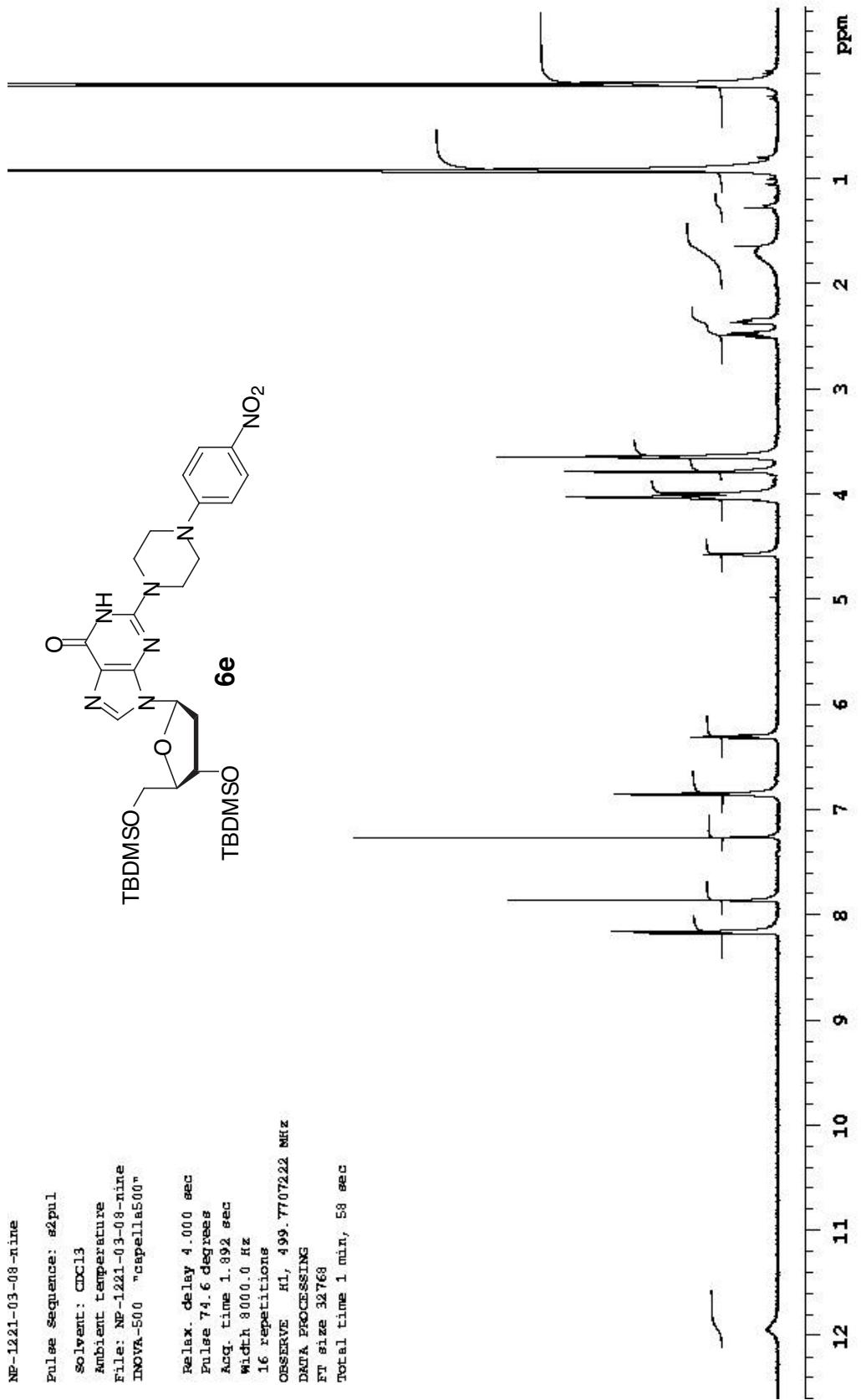
Ambient temperature

File: NP-1221-03-7-eleven  
INOVA-500 "capella500"



Relax. delay 4.000 sec  
Pulse 74.6 degrees  
Acq. time 1.392 sec  
Width 8000.0 Hz  
16 repetitions  
OBSERVE H1, 499.7707217 MHz  
DATA PROCESSING  
Line broadening 0.2 Hz  
FT size 32768  
Total time 1 min, 58 sec





NP-1221-03-06

Pulse sequence: s2pul

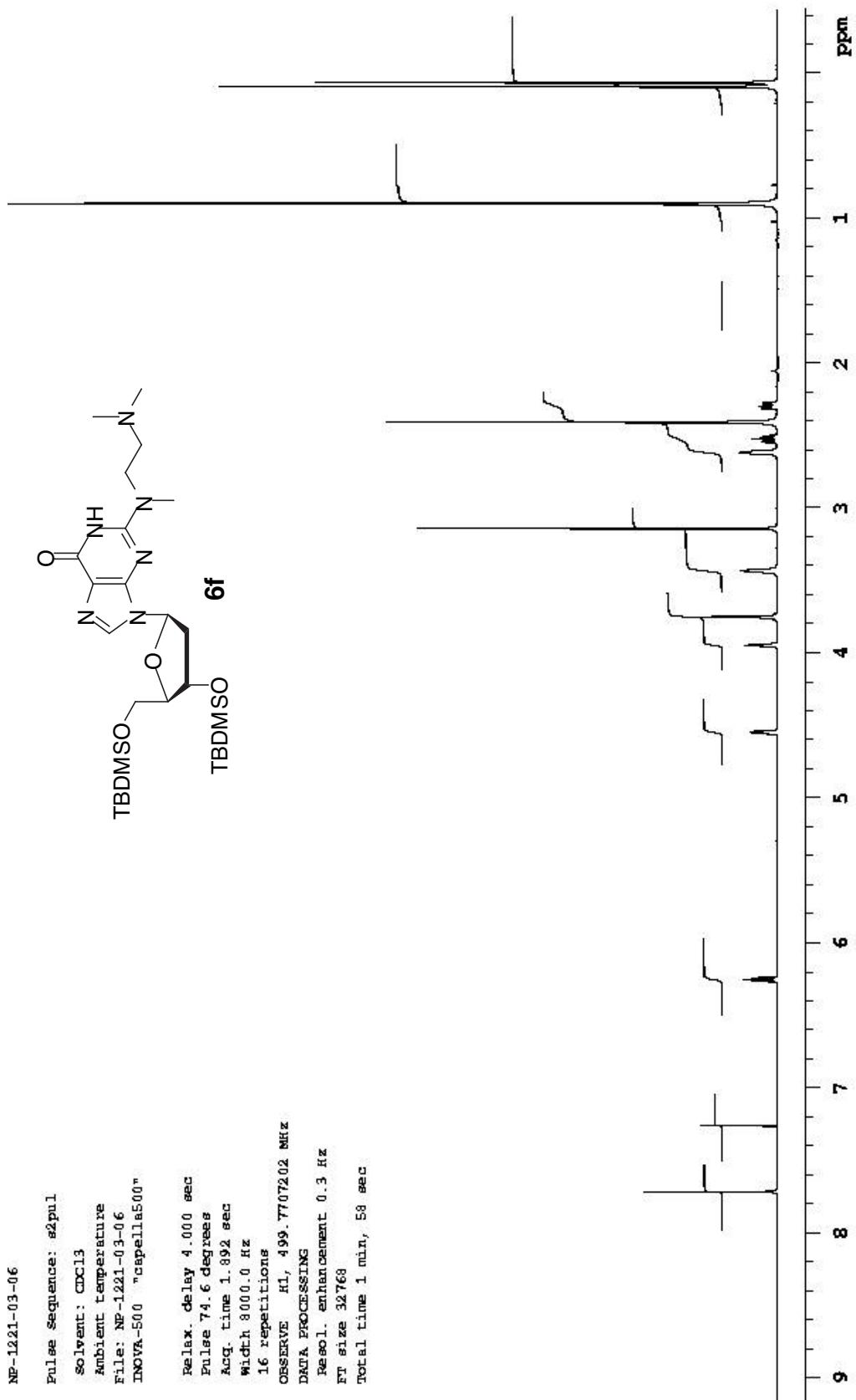
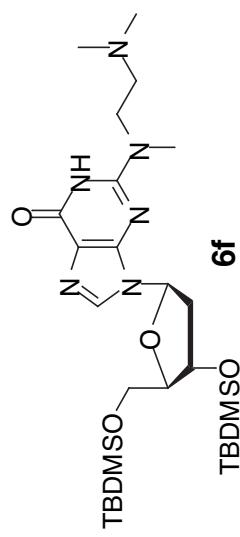
Solvent: CDCl<sub>3</sub>

Ambient temperature

File: NP-1221-03-06

INOVA-500 "capella500"

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Pulse 74.6 degrees  
Acq. time 1.392 sec  
Width 8000.0 Hz  
16 repetitions  
OBSERVE H1, 499.7707202 MHz  
DATA PROCESSING  
Resol. enhancement 0.3 Hz  
FT size 32768  
Total time 1 min, 58 sec



NP-1221-03-09

Pulse sequence: s2pul

Solvent: CDCl<sub>3</sub>

Ambient temperature

File: NP-1221-03-09

INOVA-500 "capella500"

Relax. delay 4.000 sec  
Pulse 74.6 degrees  
Acq. time 1.392 sec  
Width 8000.0 Hz  
16 repetitions  
OBSERVE H1, 499.77072.02 MHz  
DATA PROCESSING  
Resol. enhancement 0.2 Hz  
FT size 32768  
Total time 1 min, 58 sec

