Pulse Sequence: s2pul

Solvent: CDCl3
Temp. 25.0 °C / 298.1 K
File: zao-14-55-2
XNOVA-500 "mm1"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.993 sec
Width 5085.0 Hz
64 repetitions

OBSERVE HL, 300.0803959 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 3 min, 12 sec
Pulse Sequence: s1pul

Solvent: CDCl3
Temp. 29.0 C / 302.1 K
File: rao-111-147-h1
INOVA-300 “inova500”

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.890 sec
Width 5066.3 Hz
16 repetitions
OBSERVE H1, 499.9726030 MHz

DATA PROCESSING
Line broadening 6.3 Hz
FT size 32768
Total time 0 min, 52 sec
Pulse Sequence: ts2pul
Solvent: CDC13
Temp. 25.0 °C / 298.1 K
Mercury-500BB "merc300"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acc. time 1.999 sec
Width 5005.3 Hz
64 repetitions

DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 3 min, 20 sec
archive directory: /export/home/yrac/vnmrsys/data
Sample directory: /export/home/yrac/vnmrsys/data/yrac_18Apr2004

Pulse Sequence: s2pul
Solvent: CDCl3
Temp. 29.0 C / 302.1 K
File: rac-i3i-7-61
INOVA-500 "mmi"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.850 sec
Width 5006.3 Hz
64 repetitions
OBSERVE 1H, 499.9831145 MHz
DATA PROCESSING
FT size 32768
Total time 3 min, 5 sec
Pulse Sequence: shpul
Solvent: D2O
Temp. 25.0 °C / 298.1 K
INOVa-300 "inova300"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.890 sec
Width 5006.3 Hz
64 repetitions
OBSERVE R1 496.9733924 MHz
DATA PROCESSING
Gauss apodization 0.873 sec
FT size 65536
Total time 3 min, 11 sec
Pulse Sequence: s1p-1
Solvent: D2O
Ambient temperature
INOVA-600 "inova600"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.892 sec
Width 6003.2 Hz
32 repetitions
RESOLVE HL 599.7389491 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 1 min, 38 sec
Pulse Sequence: z2pul
Solvent: CDCl3
Temp. 29.0 °C / 302.1 K
File: rao-iii-13-m1
XBOVA-500 "nmr1"

Relax. delay 1.000 sec
Pulse 45.0 Degrees
Acq. time 1.887 sec
Width 5006.1 Hz
64 repetitions
OBSERVE ml, 499.9031146 MHz
DATA PROCESSING
FT size 32768
Total time 3 min, 5 sec
Pulse Sequence: zgbl1

Solvent: CDCl3
Temp. 29.0 °C / 302.1 K
File: rac-iii-13-E1
TMVUR-500 "nucli"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.987 sec
Witch 5006.3 Hz
64 repetitions

OBSERVE H1, 499.9831145 MHz
DATA PROCESSING
FT size 32768
Total time 3 min, 5 sec
Pulse Sequence: sp2pul
Solvent: D2O
Temp. 29.0 C / 302.1 K
File: rao-iii-47-H1
INOVA-500 "nml1"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.887 sec
Width 5006.3 Hz
64 repetitions
OBSERVE H1, 499.9843995 MHz
DATA PROCESSING
FT size 32768
Total time 3 min, 5 sec

6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 ppm
Pulse Sequence: zgul
Solvent: D2O
Temp. 25.0 C / 298.1 K
File: Ruo-Lii-45-H1
INova-500 "Inova500"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.667 sec
Window 5064.3 Hz
32 repetitions

Observed Hz, 499.9732079 MHz

Data processing
Line broadening 0.3 Hz
FT size 32768
Total time 1 min, 38 sec
Pulse Sequence: sispul
Solvent: CDCl3
Temp. 25.0 °C / 298.1 K
File: rao-104-2-H1
Mercury-390B5 "merc305"

Relax. delay 1.000 sec
Pulse 45.3 degrees
Acq. time 1.953 sec
Width 5015.3 Hz
22 repetitions

OBSERVED H1 300.388958 MHz
DATA PROCESSING
Line broadening 8.3 Hz
FT size 32768
Total time 1 min, 48 sec
Pulse Sequence: s2pul

Solvent: CDCl3
Temp. 25.0 °C / 298.1 K
Files: rsc-XX-141-N
INOVA-500 "nuli"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.995 sec
Width 4545.5 Hz
4 repetitions
OBSERVE HI, 300.0004184 MHz
DATA PROCESSING
Line broadening 0.7 Hz
FT size 32768
Total time 0 min, 16 sec
Pulse Sequence: s2pul

Solvent: CDCl3
Temp. 25.0 C / 302.1 K

Sample: rac-III-9-E

INova-500 "xnax"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.850 sec
Width 5006.3 Hz
64 repetitions

OBSERVE E1, 499.9831115 MHz

DATA PROCESSING
RT time 32768
Total time 3 min, 5 sec
Pulse Sequence: s2exp

Solvent: CDCl3
Temp. 29.0 C / 302.1 K
File: yrao-ii-11
INOVA-500 "nmri"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.690 sec
Width 5006.3 Hz
64 repetitions
OBSERVE H1, 499.983 MHz
DATA PROCESSING
FT size 32768
Total time 1 min, 5 sec
Pulse sequence: zgul

Solvent: D2O
Temp. 29.0 C / 362.1 K
File: rac-115-21-H1
INOVA-100 "nrm1"

Relax, delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.887 sec
Width 5004.3 Hz
64 repetitions

Measure 61.5, 493.9943995 MHz
DATA PROCESSING
FT size 2048
Total time 3 min, 5 sec
Pulse sequence: s2pul
Solvent: D2O
Temp. 29.0 C / 302.1 K
File: rao-Lii-23-H1
INOVA-500 "mmrl"

Relax. delay 1.600 sec
Pulse 45.0 degrees
Acq. time 1.687 sec
Width 5006.1 Hz
64 repetitions

Observe H1, 499.9843995 MHz
DATA PROCESSING
FT size 12768
Total time 3 min, 5 sec

6.0  5.5  5.0  4.5  4.0  3.5  3.0  2.5  2.0  1.5 ppm
Pulse Sequence: a2pul

Solvent: CDCl3
Temp. 25.0 °C / 298.1 K
File: rao-iii-135-H1
Mercury-300B "mer300"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.993 sec
Width 5005.0 Hz
16 repetitions

OBSERVED H1, 300.0003959 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 12768
Total time 0 min, 58 sec

0 1 2 3 4 5 6 7 8 ppm
Pulse Sequence: zgupul
Solvent: CDC13
Temp. 25.0 C / 298.1 K
File: rao-iii-143-WI
INDIA-500 "nmri"

Relax. delay 3.000 sec
Pulse 45.0 degrees
Acq. time 1.991 sec
Width 5902.0 Hz
32 repetitions

Observe H1, 300.000000 MHz

DATA PROCESSING
Line broadening 0.3 Hz
PT size 32768
Total time 1 min, 42 sec
Pulse Sequence: z2dul

Solvent: CDCl3
Temp: 25.0 °C / 298.1 K
Slice: rao-iii-3t-h1-product1
Mercury-300BB "merc300"

Relax, Delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.993 sec
Width 5005.0 Hz
32 repetitions

OBSERVE H1, 300.003959 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 1 min, 48 sec
Pulse Sequence: 2pul
Solvent: CDCl3
Ambient temperature
File: rao-111-156-nl
XNOVA-600 "innova600"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.052 sec
Width 5000.0 Hz
32 repetitions
OBSERVE H1, 59.7374078 MHz
DATA PROCESSING
Line broadening 0.3 Hz
FT size 32768
Total time 1 min 32 sec
Pulse Sequence: s2pul
Solvent: D2O
Temp: 25.0 C / 298.1 K
File: rao-iv-39-81

RELAX. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.292 sec
Width 6000.0 Hz
32 repetitions
observed NL: 499.9742 MHz

DATA PROCESSING
line broadening 0.3 Hz
FT size 32768
Total time 1 min, 32 sec
Pulse Sequence: s2ps1

Solvent: D2O

Ambient temperature

File: KAO-III-126-II

INOVA-600 "move600"

Relax. delay 1.000 sec
Pulse 45.0 degrees
Acq. time 1.892 sec
Width 5000.0 Hz
64 repetitions

OBSERVE M1, 596.7189491 MHz

DATA PROCESSING
Line broadening 0.3 Hz
FT size 12761
Total time 3 min, 11 sec