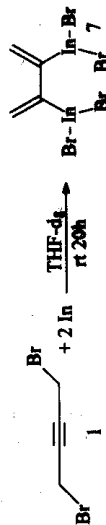
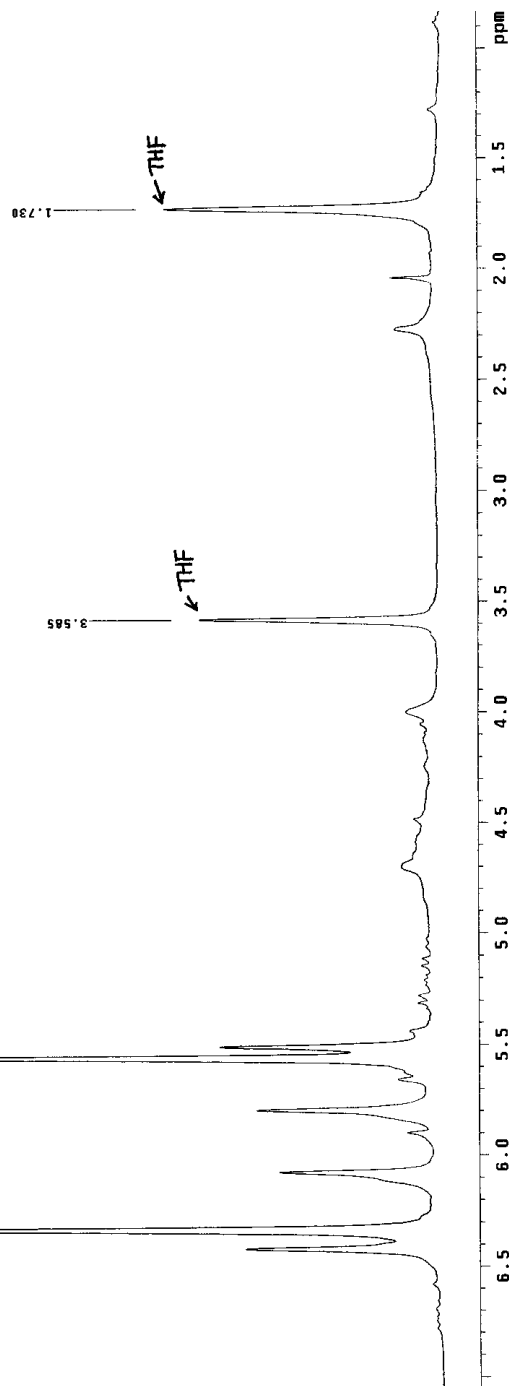


STANDARD 1H OBSERVE

Data Collected To: m300-mercury300
 Archive directory: /export/home/miaow/vnarsys/data
 Sample directory: /
 File: PROTON
 Pulse Sequence: zgpg30
 Solvent: thf
 Temp: 20.0 C / 293.1 K
 Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 1.998 sec
 Width 4803.1 Hz
 F2 300.136 MHz
 OBSERVE F1 300.136 MHz
 DATA PROCESSING
 FT size 32768
 Total time 0 min



¹H NMR Spectra



dIBrTB-THF-In-5-Cl3

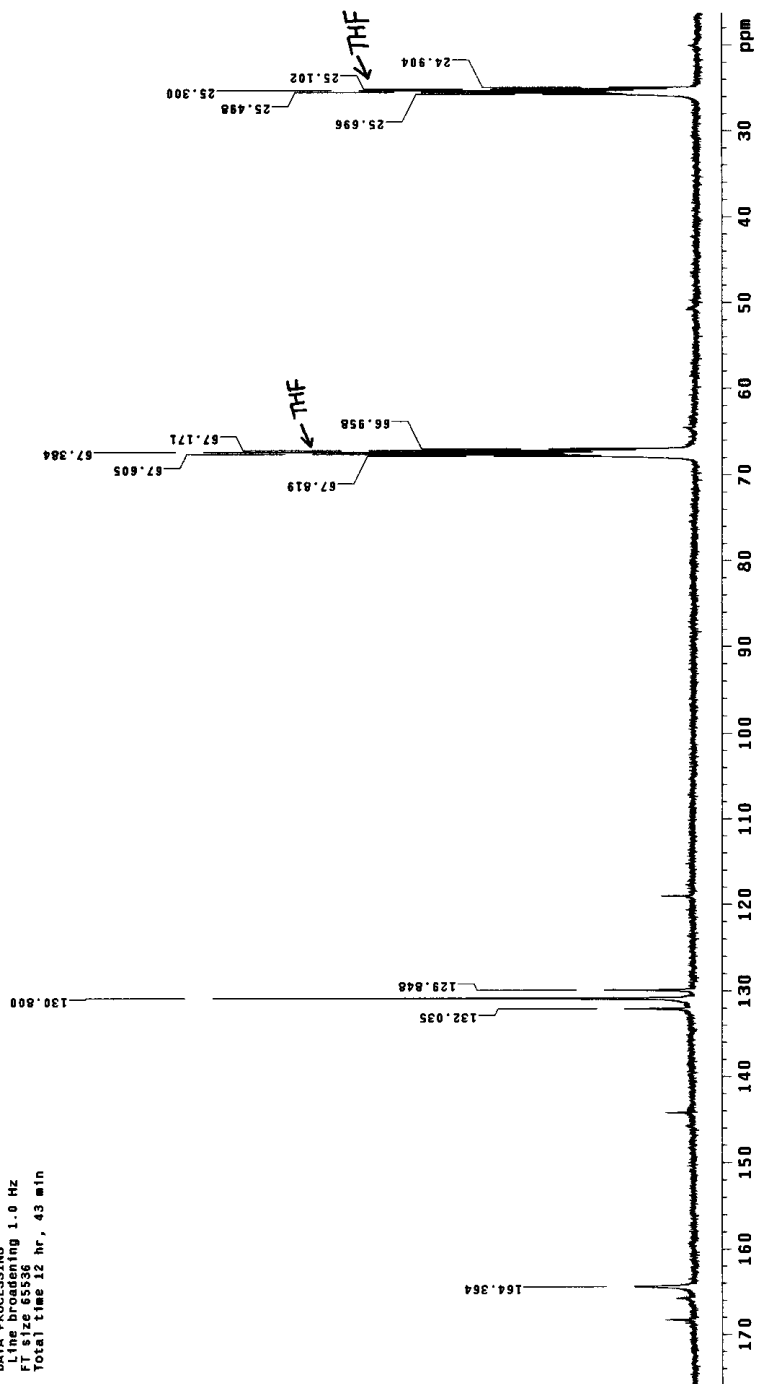
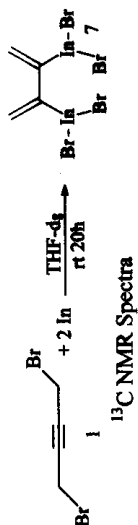
Data Collected on: #400-mercury400
 Archive directory: /export/home/maoous/nmr/sy/data
 Sample directory: /
 File: dIBrTB-THF-In-5th-1d-Cl3

Pulse Sequence: s2pul

Solvent: THF

Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 1.199 sec
 Width 25125.6 Hz
 19228 repetitions 6135242 MHz
 OBSERVE CH1, 400.1345243 MHz
 DECOUPLE CH1, 400.1345243 MHz
 Power 34 dB,
 continuously on

VALYZ-16 modulated
 DATA PROCESSING
 F2 file 165536
 FT size 65536
 Total time 12 hr, 43 min



STANDARD 1H OBSERVE

Data Collected on: m300-mercury300
 Archive directory: /export/home/maosw/vnmrsws/data
 Sample directory:
 File: Intaed-11232002-COSY

Pulse Sequence: gCOSY

Solvent: thf C / 293.1 K

Relax. delay 1.000 sec

Acq. time 0.142 sec

Width 1798.6 Hz

2D Width 1798.6 Hz

128 Spectra

128 Spectra

OBSERVE F1: 300.0611946 MHz

DATA PROCESSING

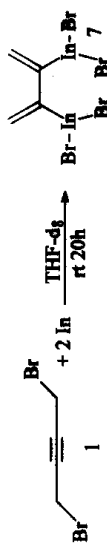
Sine bell 0.071 sec

F1 DATA PROCESSING

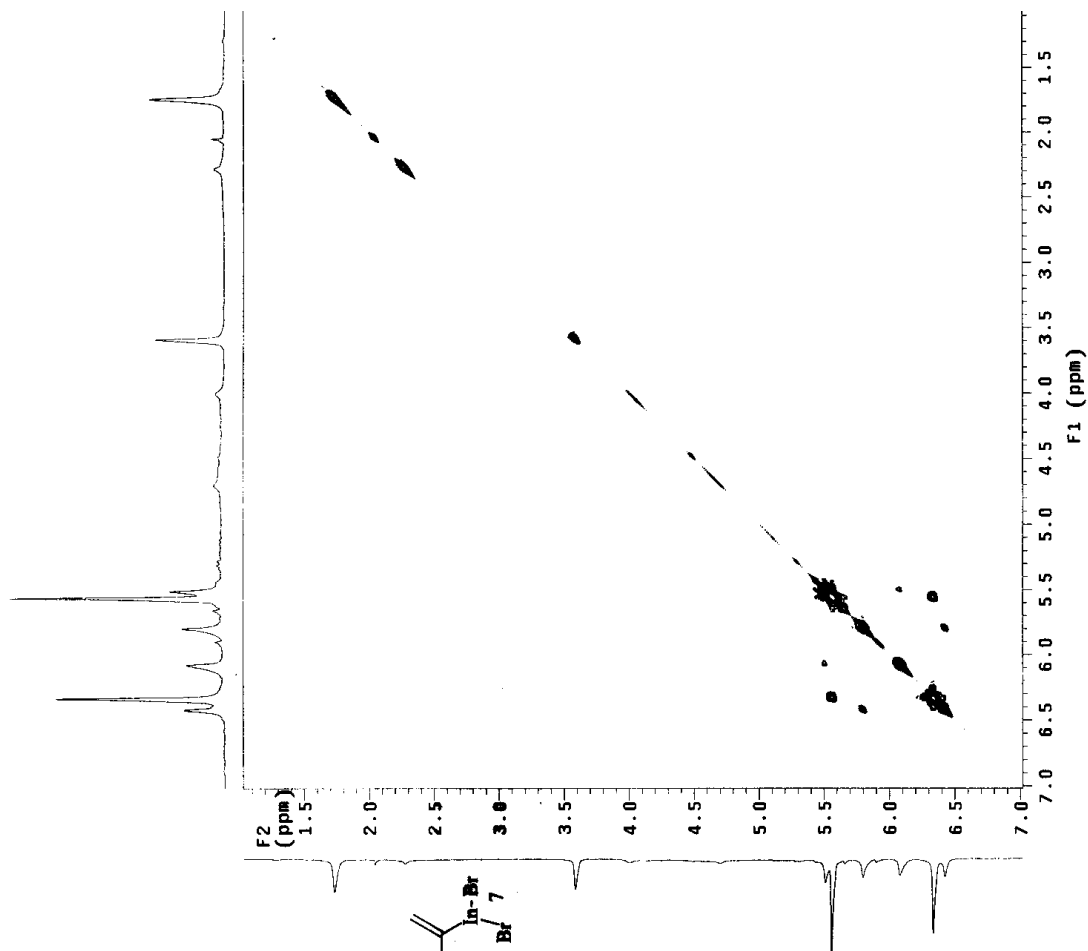
Sine bell 0.071 sec

F2 128.0241024

Total time 21 min



¹H-¹H COSY Spectra



DEPT

Data Collected on: m300-mercury300
 Archive directory: /export/home/milaosw/vnmrsw/data
 File: CARBON

Pulse Sequence: DEPT

Solvent: thf
 Temp: 20.0 C / 293.1 K

Relax. delay 1.000 sec

Pulse delay 0.000 sec

Acq. time 1.100 sec

Width 18667.9 Hz

2588 repetitions

OBSERVE C13, 75.4503991 MHz

DECOUPLE H1, 300.0621261 MHz

Power level 0.000000

on during acquisition

off during delay

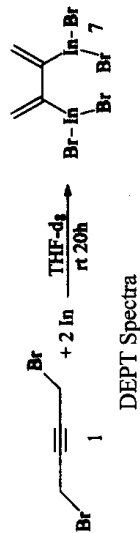
VALTZ-16 modulated

DATA PROCESSING

Line broadening 1.0 Hz

File size 1.00 MB

Total time 6 hr, 18 min



DEPT Spectra

CH3 carbons



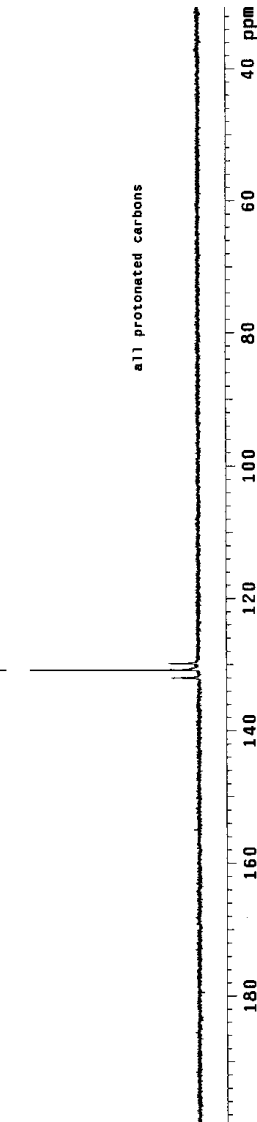
CH2 carbons



CH carbons



all protonated carbons



HSQC

Data Collected on: m400-mercury400
 Archive directory: /export/home/miaows/vnmrsys/data
 Sample directory:
 File: PROTON

Pulse Sequence: ghsqc

Solvent: thf

Relax. delay 1.000 sec

Acq. time 0.204 sec

Width 2513.6 Hz

2D Width 18115.9 Hz

2 repetitions

2 increments

OBSERVE H1 400.1325658 MHz

DECOUPLE C13, 100.6224397 MHz

Power 52 dB

on during acquisition

off during delay

on during delay

off during delay

DATA PROCESSING

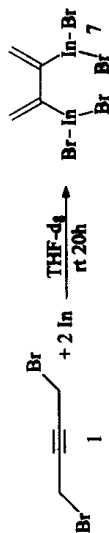
Gauss apodization 0.094 sec

F1 DATA PROCESSING

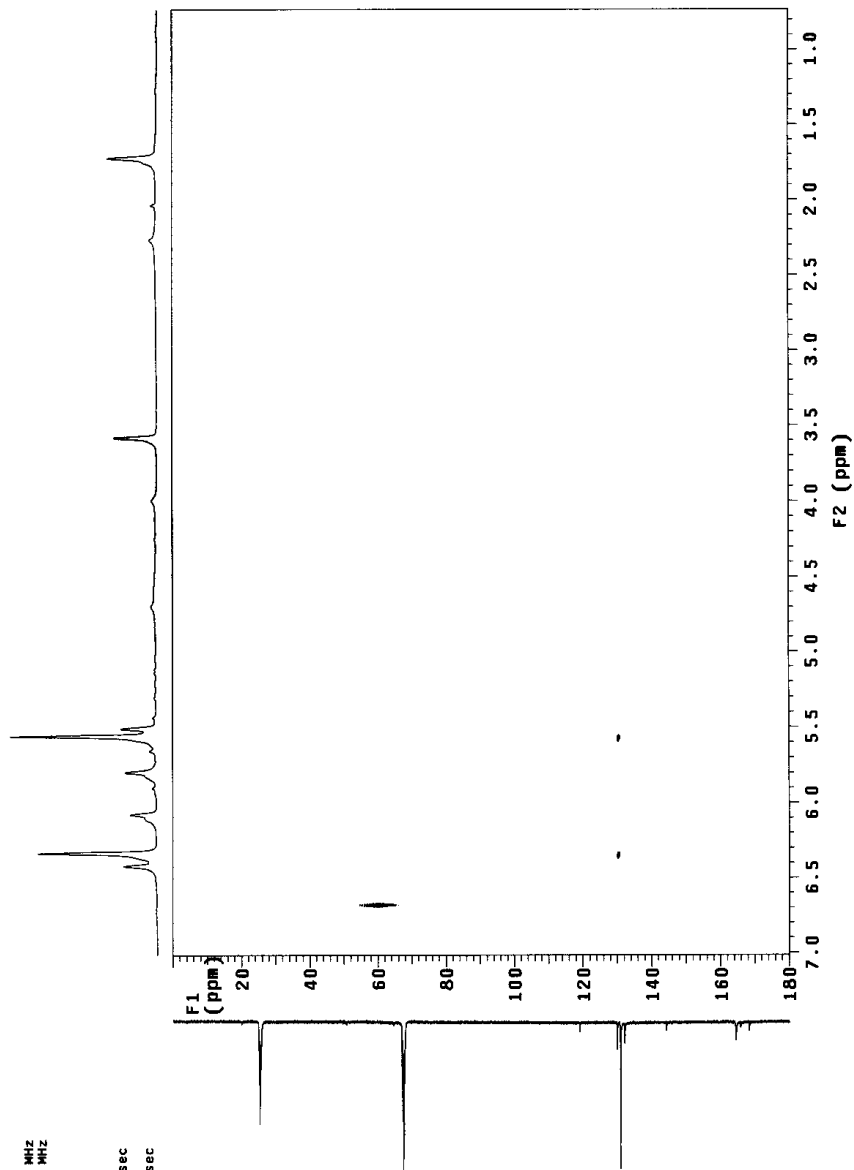
Gauss apodization 0.013 sec

F1 size 1024 x 1024

Total time 23 min



HSQC Spectra



HMBC

Data Collected on: #400-mercury400
 Archive directory: /export/home/rtalos/vmarsys/data
 Sample directory:
 File: PROTON

Pulse Sequence: CIGAR

Solvent: thf

Relax. delay 1.000 sec

Acq. time 8.200 sec

Width 2115.9 Hz

20 Width 18115.9 Hz

8 repetitions

200 increments

OBSERVE H1, 400.132568 MHz

DATA PROCESSING 2 sec

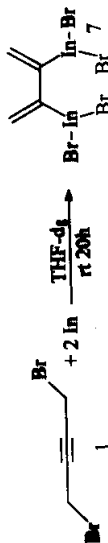
SINE WAVE PROCESSING

F1 DAT PROCESSING

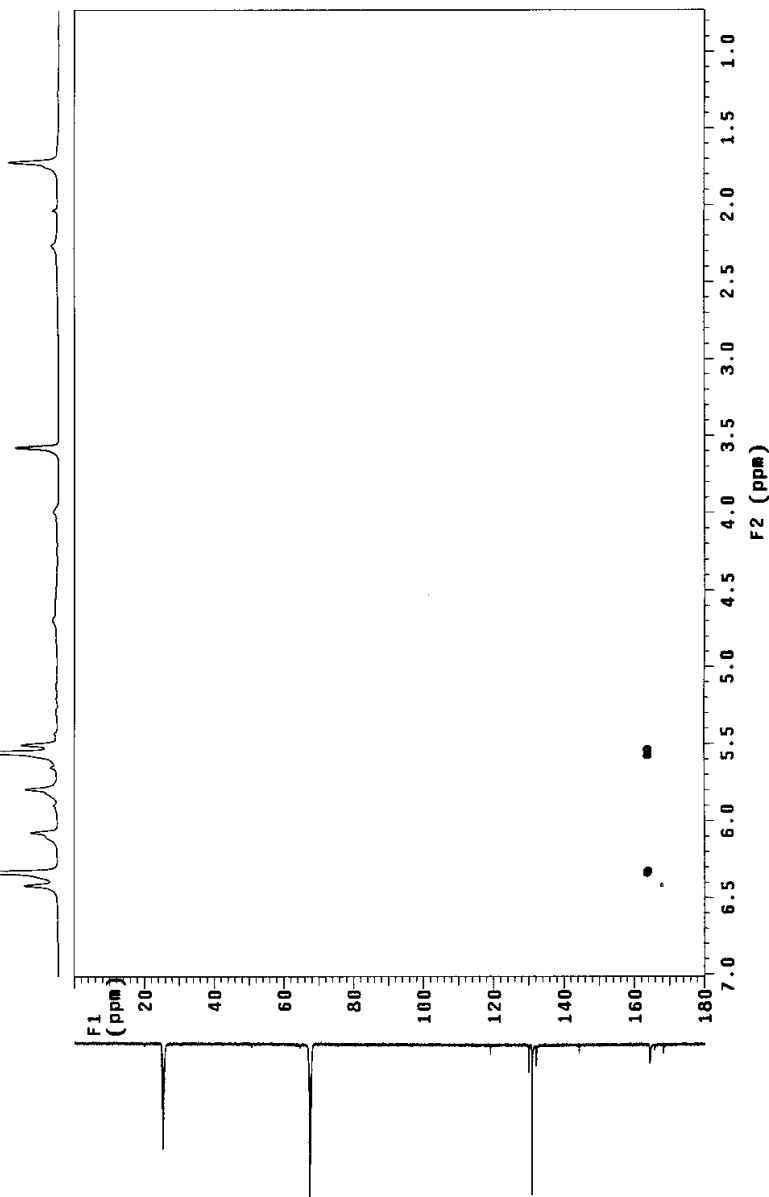
Sine bell 0.006 sec

FT size 1024 x 1024

Total time 38 min



HMBC Spectra



020522_05EI_WEISHI_DBBINTDF #1-3 RT: 0.02-0.08 AV: 3 NL: 9.00E5

T: - c Full ms [50.00-2000.00]

