

Supplementary Material

Microwave assisted synthesis of novel 1, ω -bis(quinoxalin-2-yl)phenoxy)alkanes or arenes

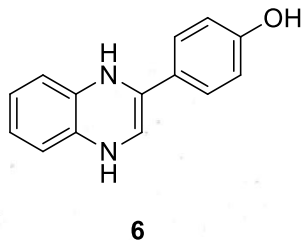
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Chemistry Department, Faculty of Science, Cairo University, Giza 12613, Egypt

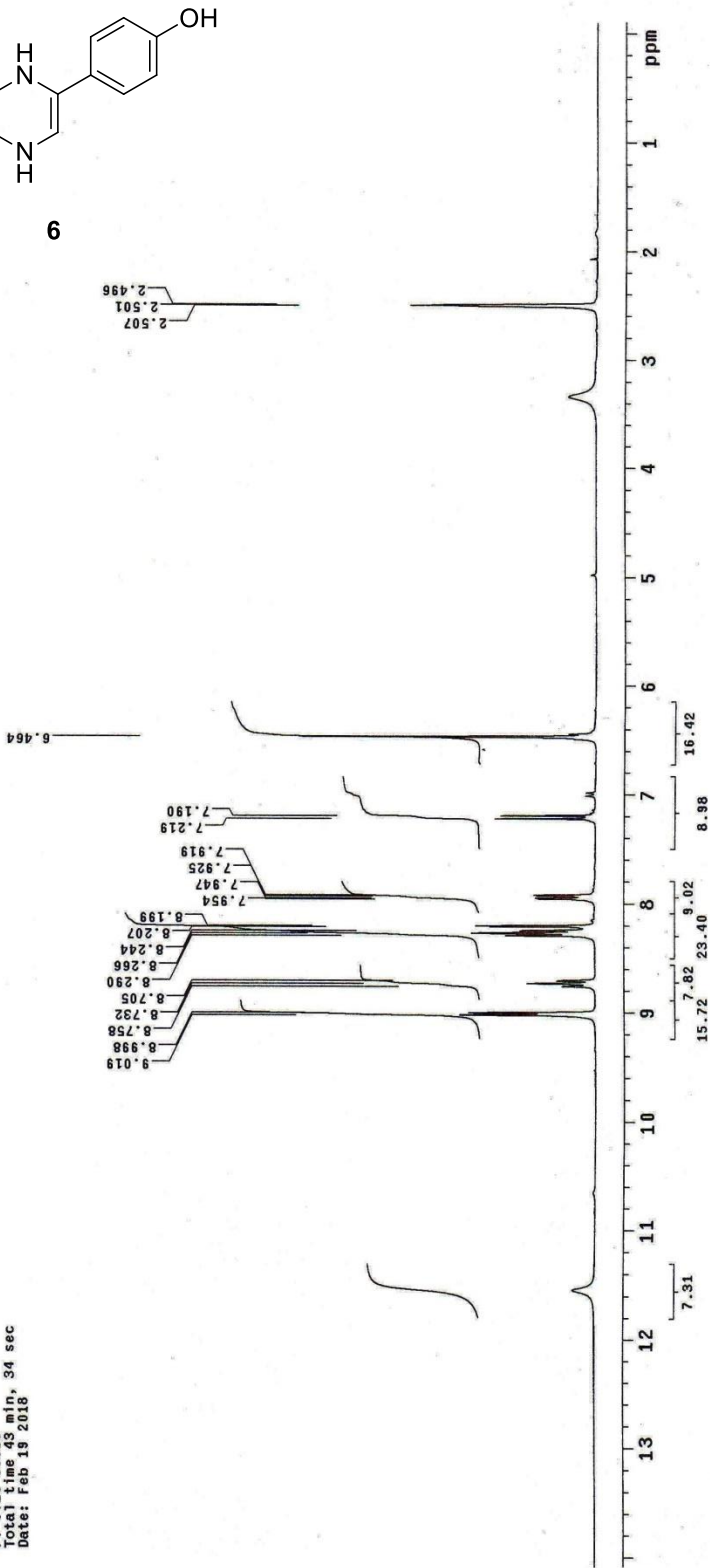
Email: ismail_shafy@yahoo.com; aelwahy@hotmail.com

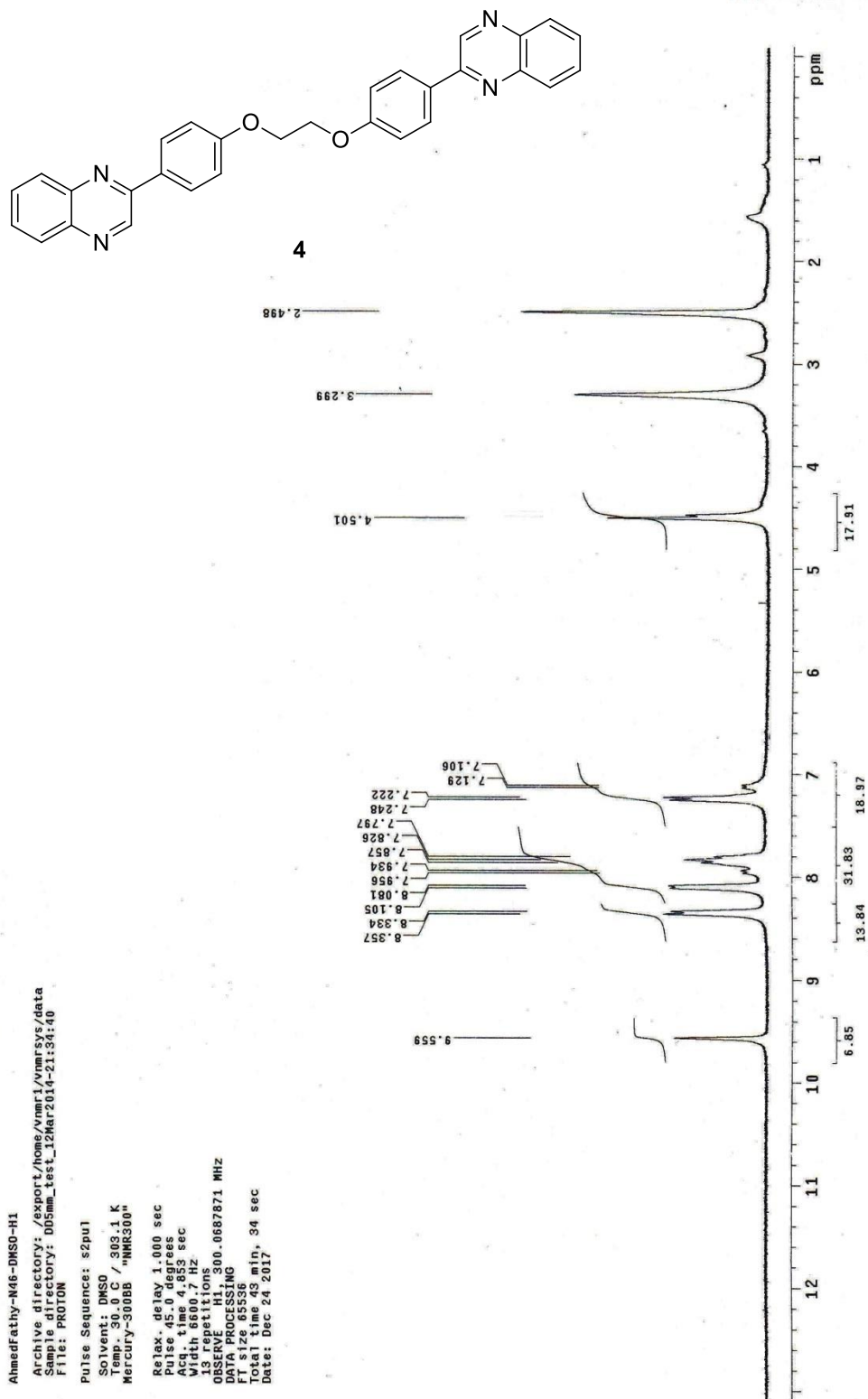
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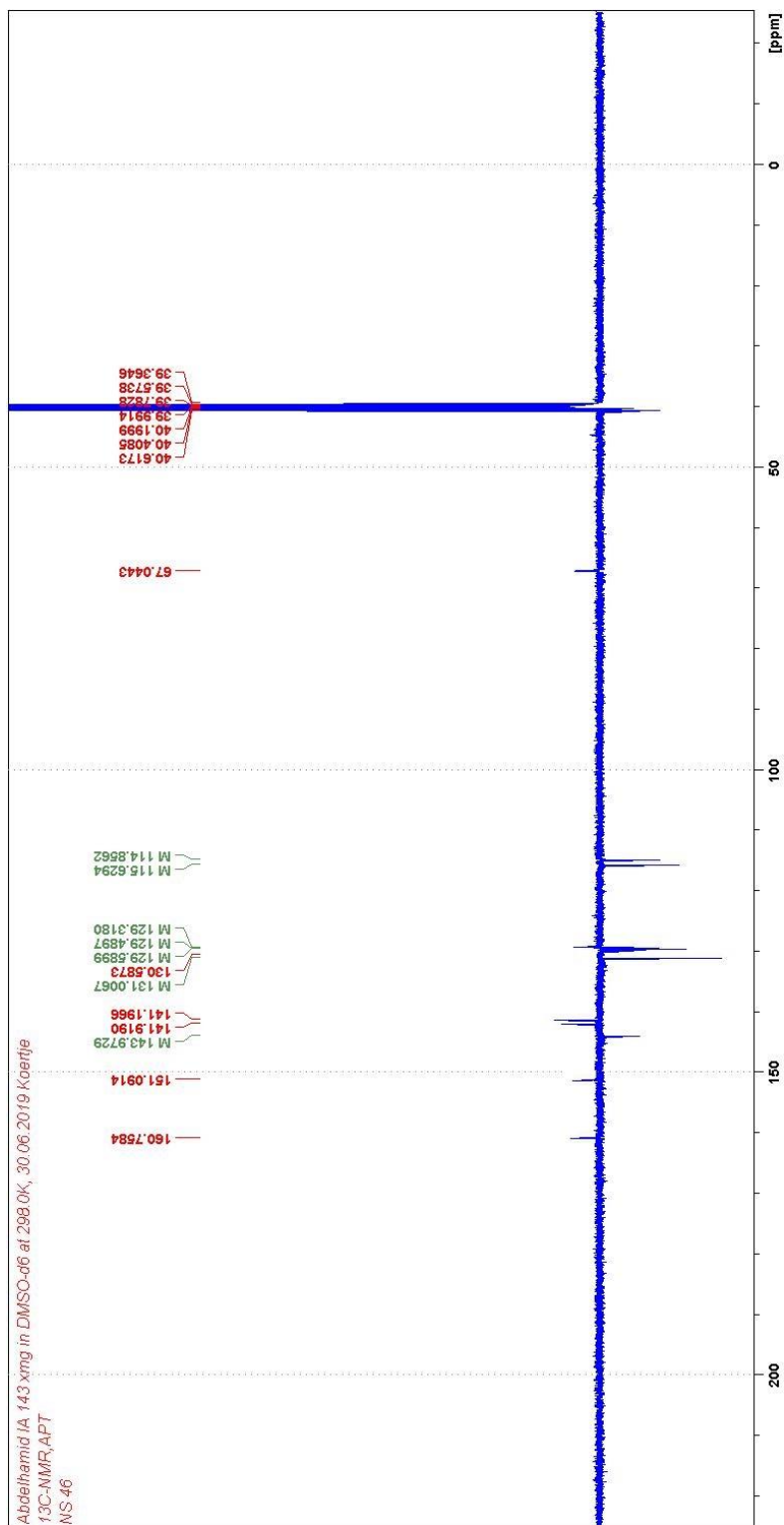
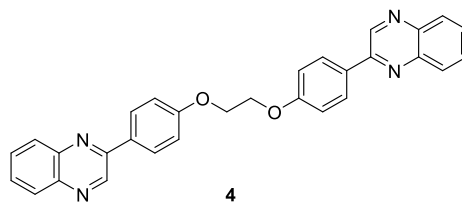
- | | |
|---|----|
| 1. ^1H and ^{13}C NMR spectra for compounds 4 ; 6 ; 13 ; 14 ; 21 ; 22 ; 23 ; 28 ; 29 ; 31 and 33 | S2 |
|---|----|

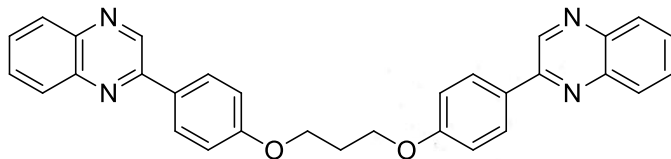


MustafaeI saved-Q2-DMSO-H1
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 Sample directory: 005mm_test_12Mar2014-21:34:40
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 Pulse Sequence: s2pul
 Solvent: DMSO
 Temp: 46.00 C / 313.1 K
 Mercury-300BB "NMR300"
 Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 4.853 sec
 Width 6600.7 Hz
 31 repetitions
 OBSERVE H1, 300.0687871 MHz
 DATA PROCESSING
 Total time 43 min, 34 sec
 Date: Feb 19 2018

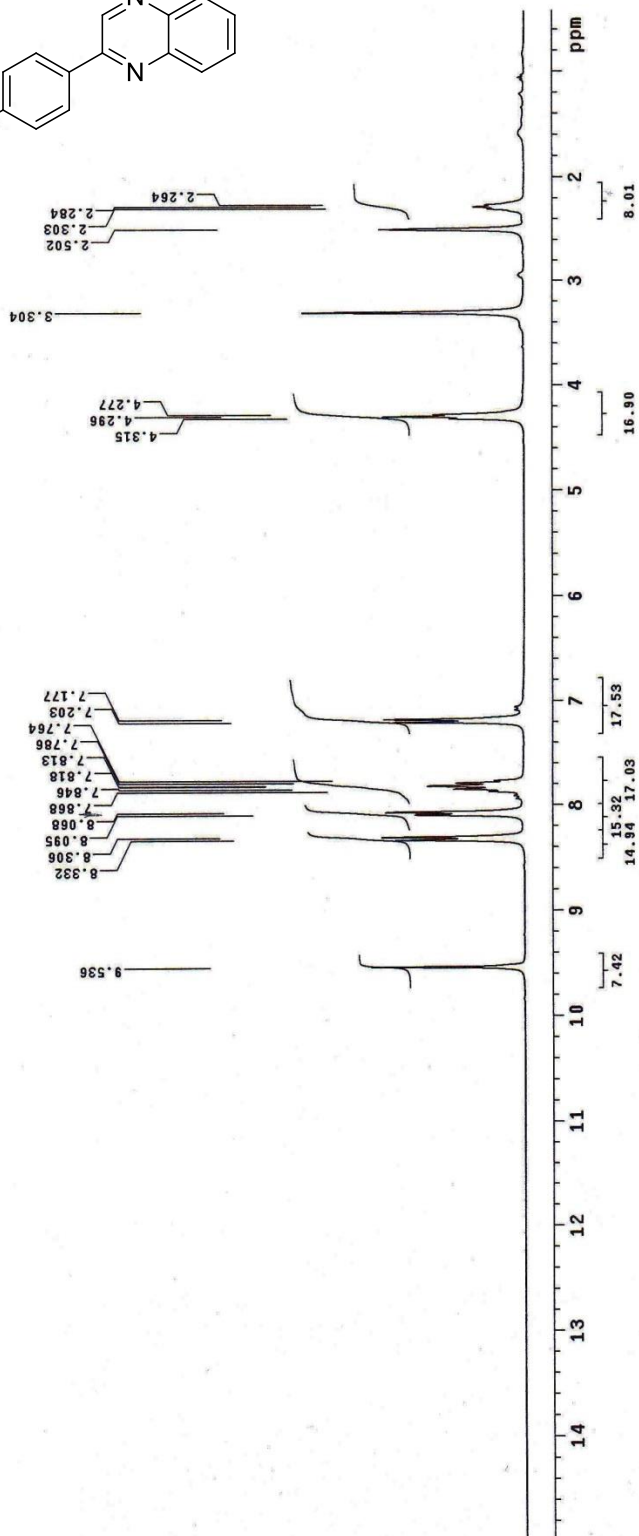




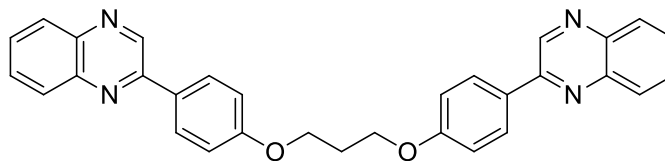




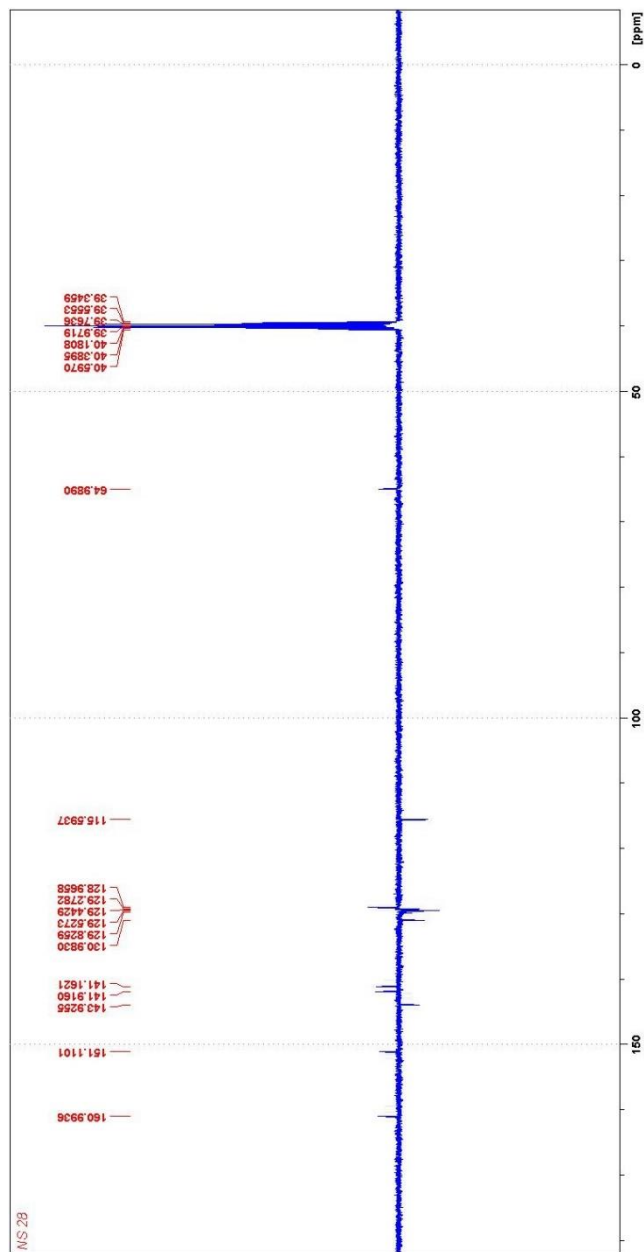
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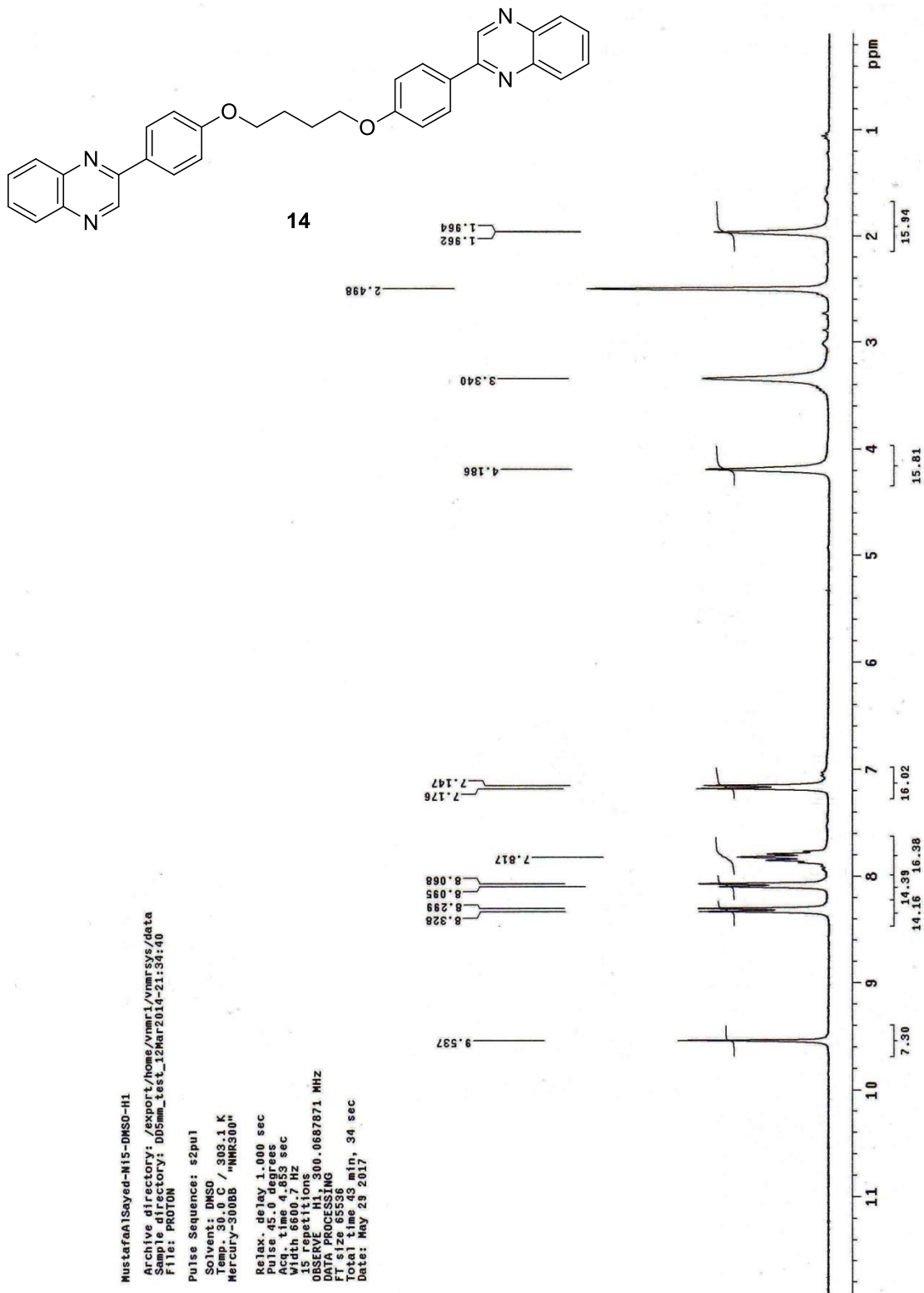


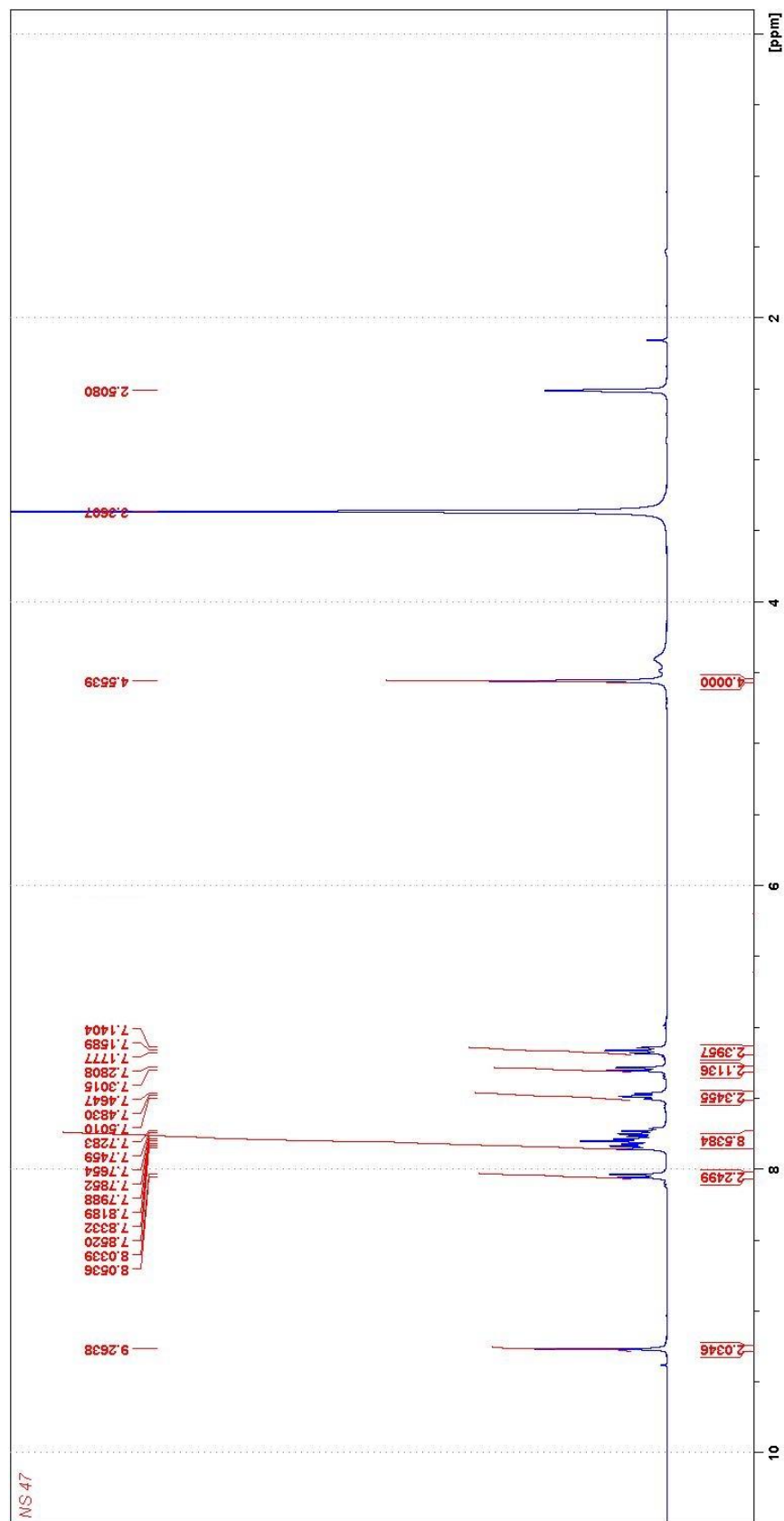
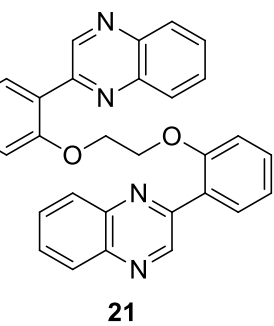
AhmadHelmy-NMR-DMSO-1H
 Archive directory: /export/home/vnmr1/vnmrsys/data
 Sample directory: 005mm_test_12Mar2014-21:34:40
 File: PROTON
 Pulse Sequence: s2pu1
 Solvent: DMSO
 Temp: 30.0 C / 303.1 K
 Mercury-300BB "NMR300"
 Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 4.853 sec
 Width 6690.7 Hz
 56 Repetitions
 DSEMPR30
 DSEMPR30: 300.0687673 MHZ
 F1 size 65536
 Total time 43 min, 34 sec
 Date: Aug 13 2017

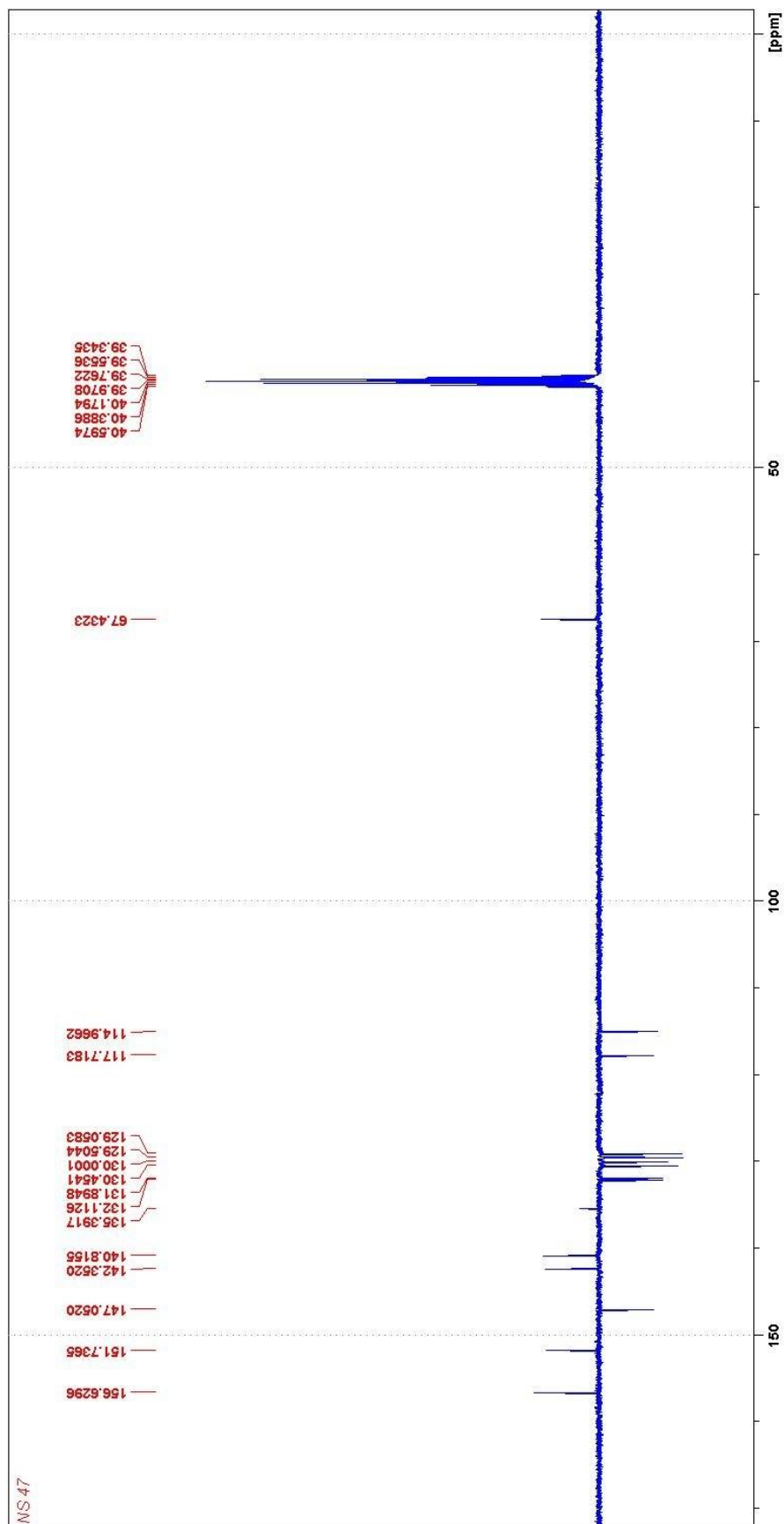
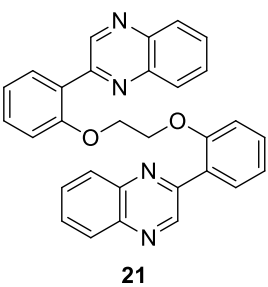


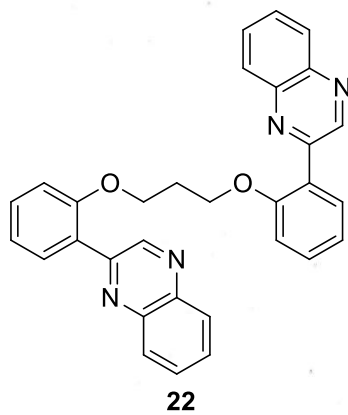
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AlmadFathy-N18-DMSO-H1
 Archive directory: /export/home/vnmr1/vnmrSYS/data
 Sample directory: D05mm_test_12Mar2014-21:34:40
 File: PROTON

Pulse Sequence: s2pul

Solvent: DMSO
 Temp. 30.0 C / 303.1 K
 Mercury-300BB "NMR300"

Relax. delay 1.000 sec
 Pulse 37.5 degrees
 Acq. time 4.65 sec
 Vprh 600.7 MHz
 74 repetitions

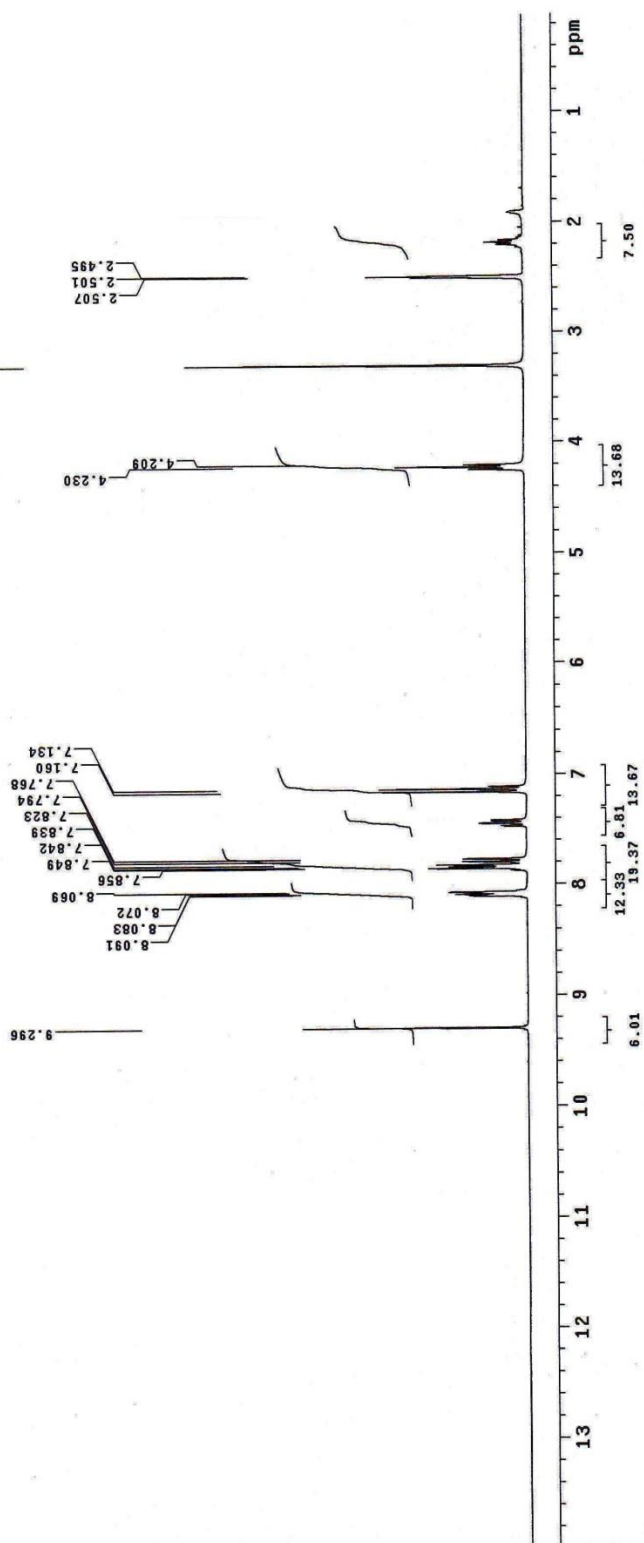
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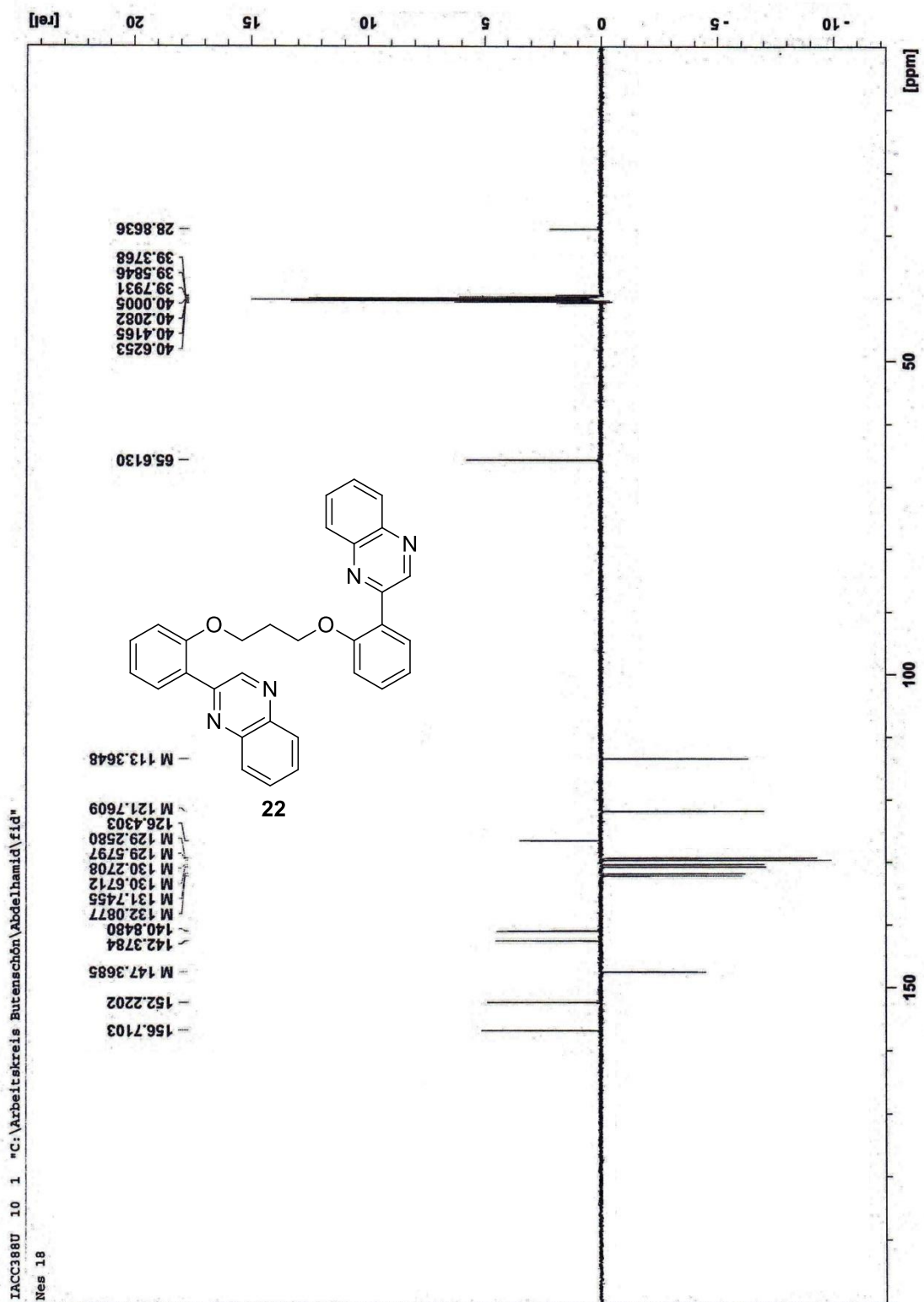
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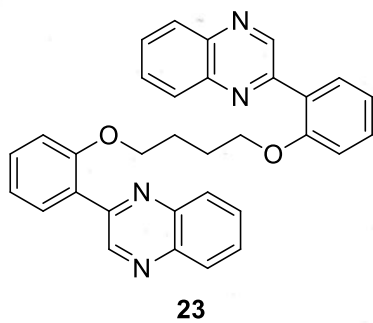
FT size 65536

Total time 43 min, 34 sec

Date: Jun 14 2017

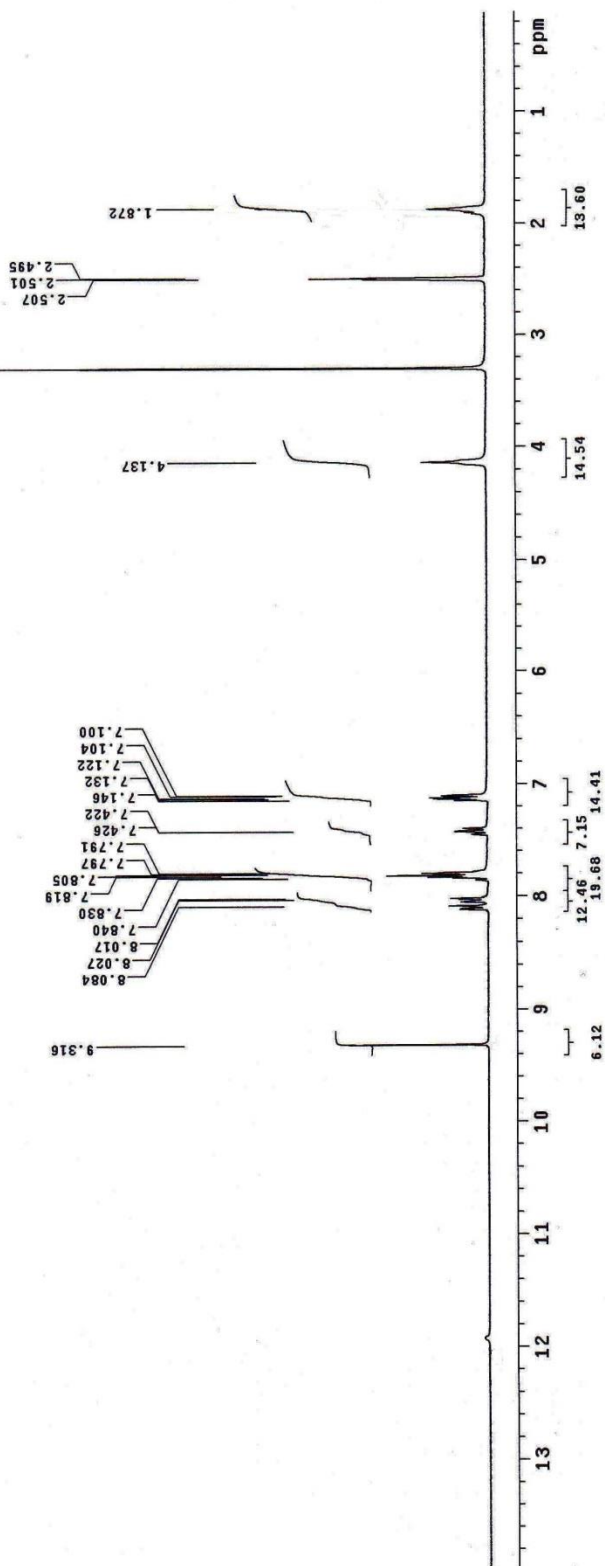


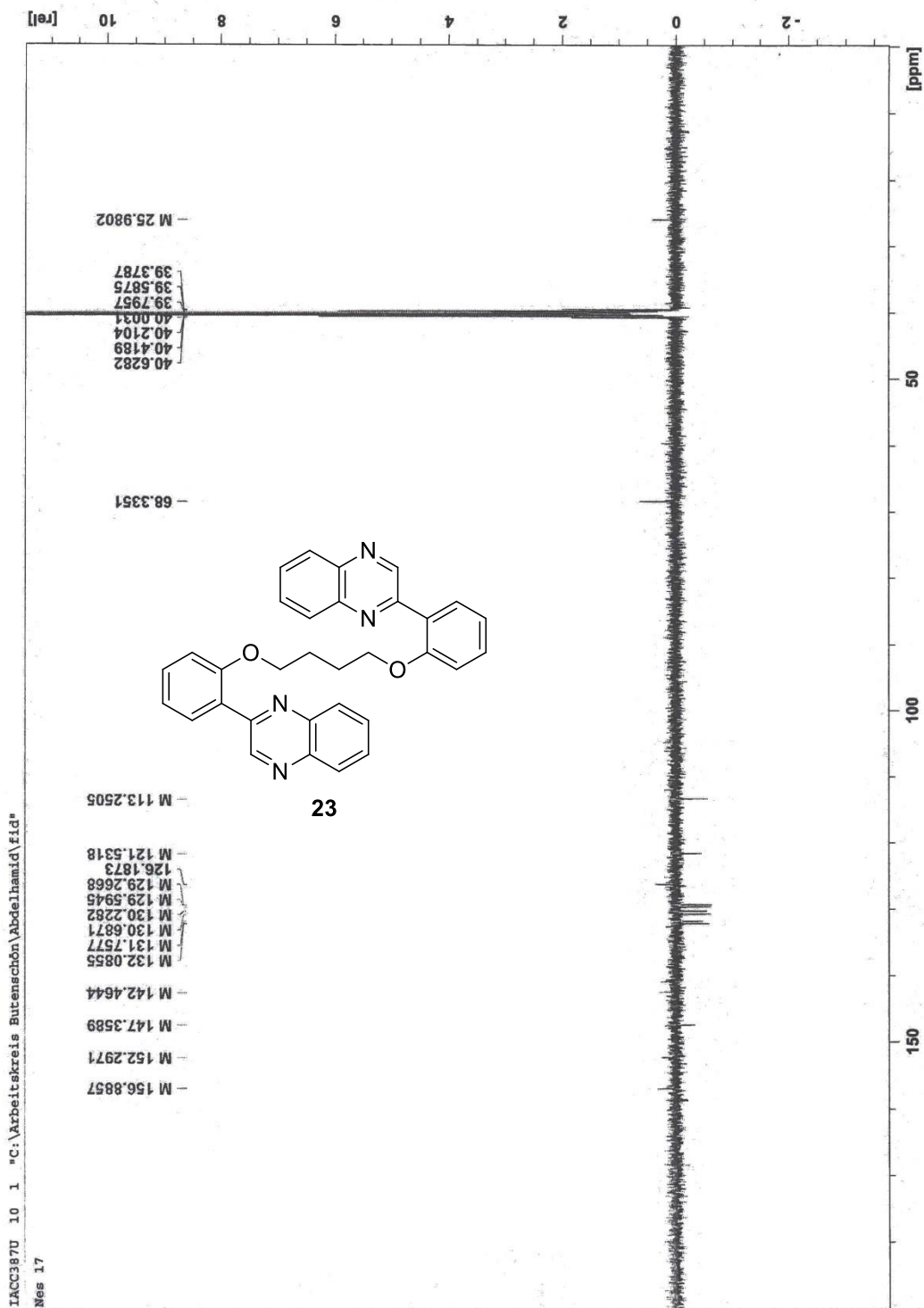


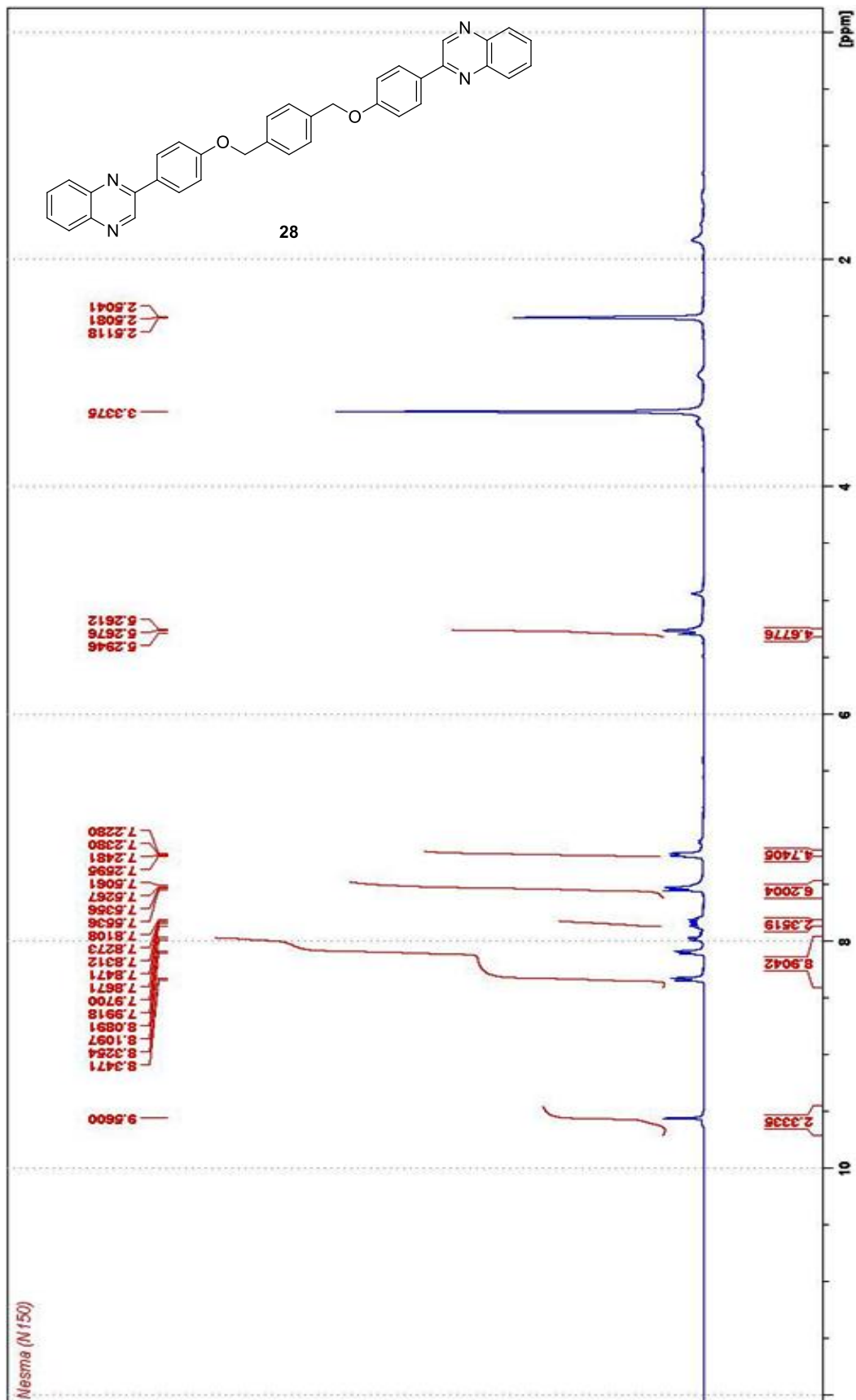


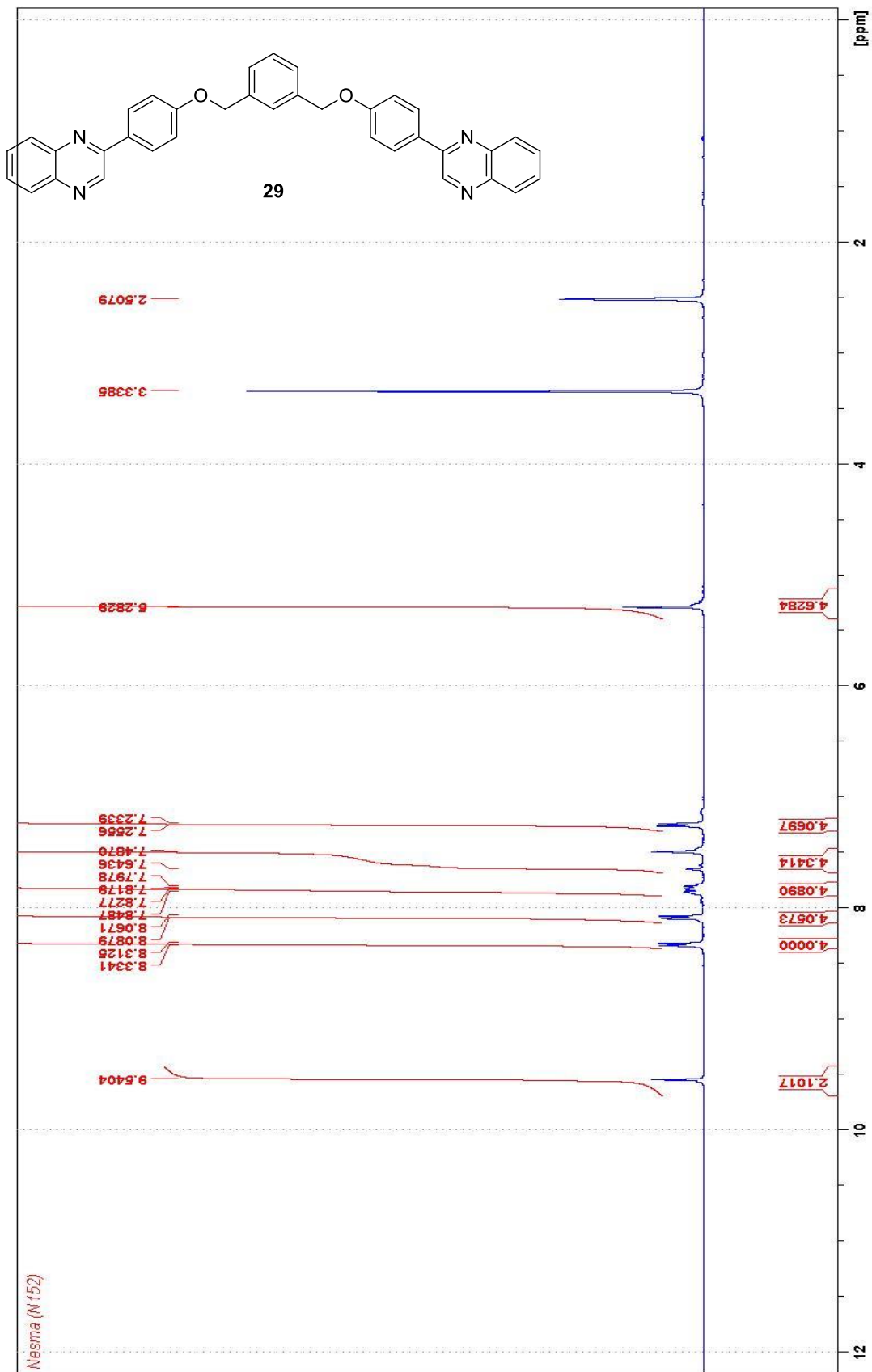
3.300

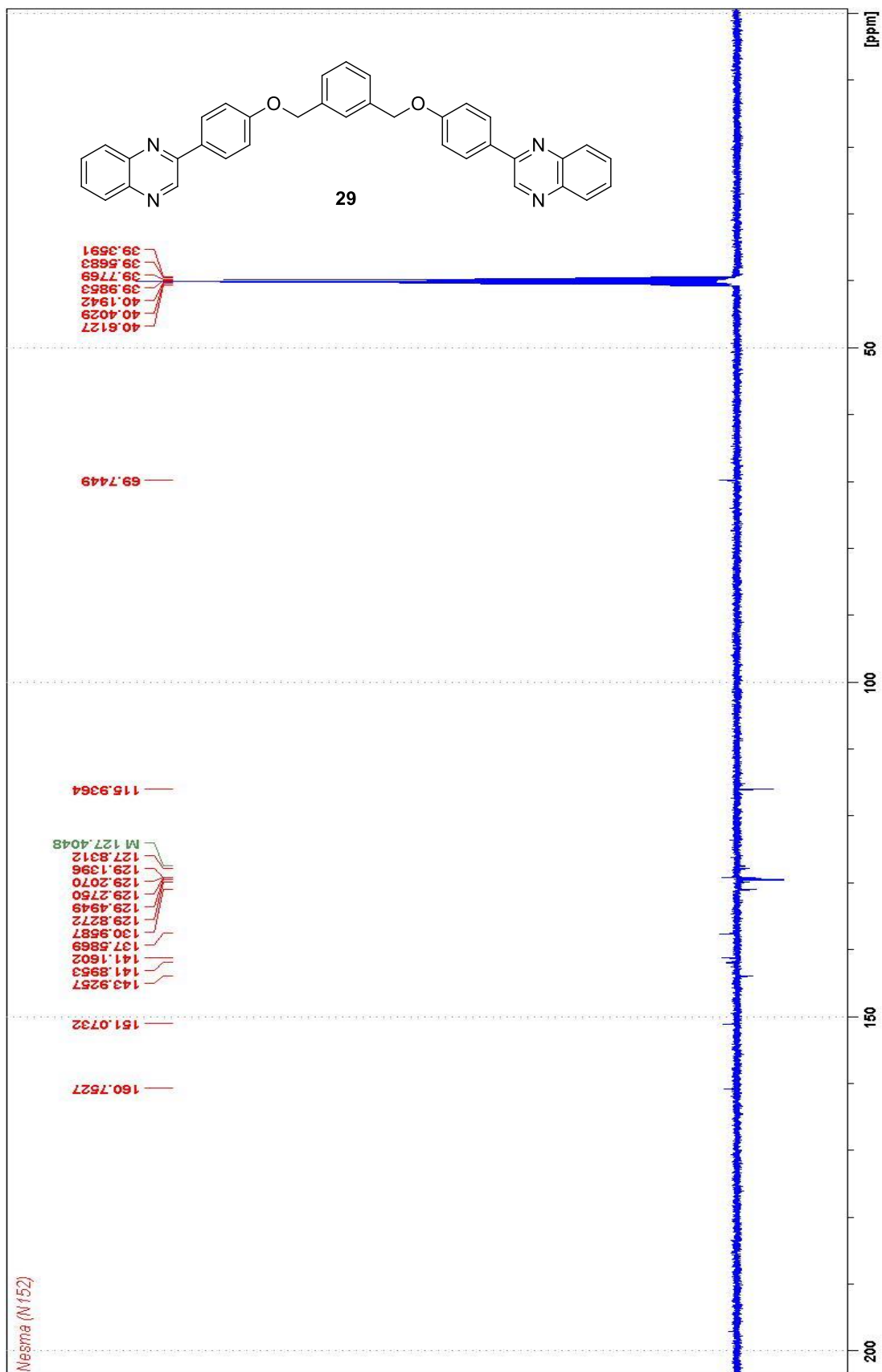
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 Archive directory: /export/home/vnmr1/vnmrsys/data
 Sample directory: 005mm_test_12Mar2019-21:54:40
 File: PROTON
 Pulse Sequence: s2pu1
 Solvent: DMSO
 Temp: 30.0 C / 303.1 K
 Mercury-300BB "NMR300"
 Relax. delay: 1.000 sec
 Pulse: 37.5 degrees
 Acq. time: 4.853 sec
 Width: 6800.7 Hz
 15 repetitions
 OBSERVE H1, 300.0687869 MHz
 DATA PROCESSING
 File size: 85538
 Total time: 48 min, 34 sec
 Date: Jun 14 2017

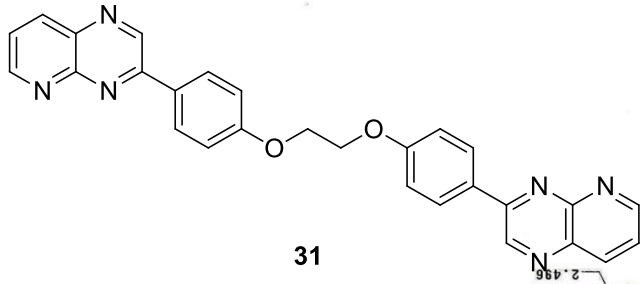




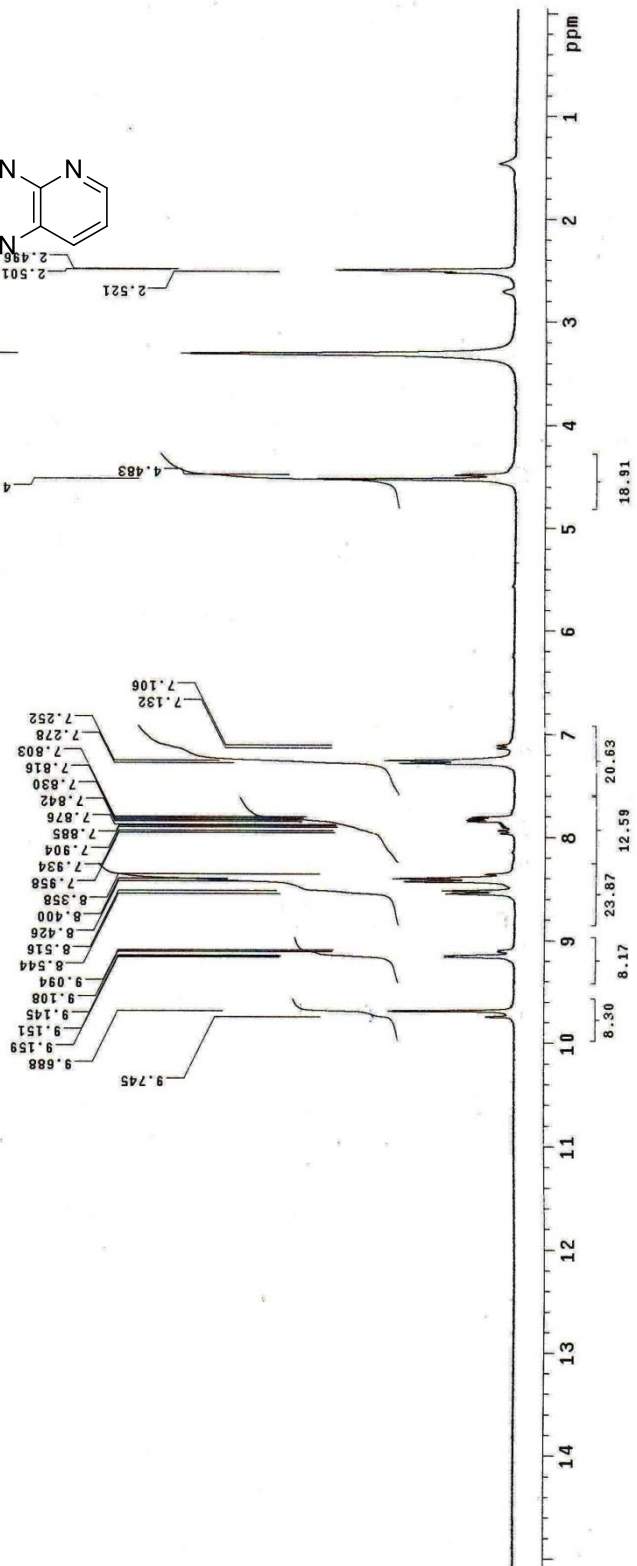


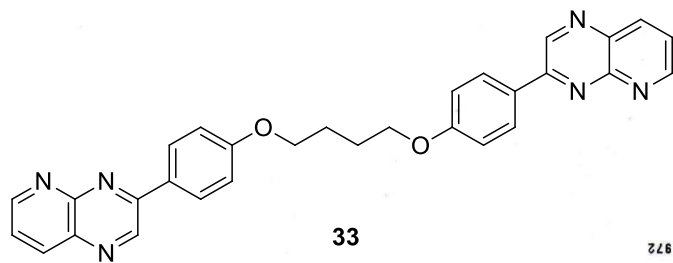






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 File: PROTON
 Pulse Sequence: s2pu1
 Solvent: DMSO
 Temp: 30.0 C / 303.1 K
 Mercury-300BB "NMR300"
 Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Acq. time 4.853 sec
 Width 6600.7 Hz
 Frequency 300.13000687871 MHz
 QSERIES
 DATA PROCESSING
 FT size 65536
 Total time 43 min, 34 sec
 Date: Jan 2 2018





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Ahmedfathy-N19-DMSO-H1
 Archive directory: /export/home/vnmr1/vmrsys/data
 Sample directory: D05mm_test_12Mar2014-21:34:40
 File: PROTON

Pulse Sequence: s2pul

Solvent: DMSO
 Temp: 30.0 C / 303.1 K
 Mercury-300BB "NMR300"

Relax. delay 1.000 sec
 Pulse 37.5 degrees
 Width 680.7 Hz
 Acquisition time 4.83 sec
 19 Repetitions

OBSERVE H1, 300.0687869 MHz
 DATA PROCESSING
 FT size 65536
 Total time 43 min, 34 sec
 Date: Jun 14 2017

