

Supplementary material

Figure 1S. View of conformers observed in solid for molecules **8** (top) and **28** (bottom). Displacement ellipsoids drawn at 50% probability level.

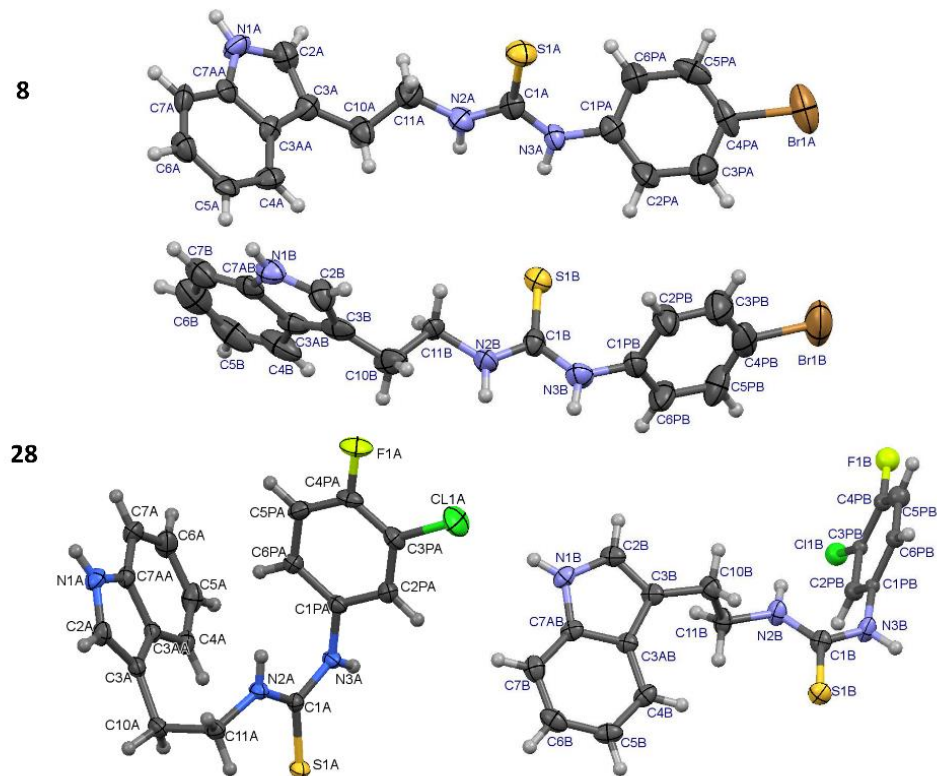


Figure 1S. View of conformers observed in solid for molecules **8** (top) and **28** (bottom). Displacement ellipsoids drawn at 50% probability level. Both compounds are conformationally unstable which is observed in the solid. The molecules **8** and **28** crystallize as two conformers differing in the orientation of the thiourea and indole groups, and in the patterns of noncovalent intermolecular contacts.

The ^1H NMR, ^{13}C NMR spectra of the selected compounds.

Spectrum 1. ^1H NMR of compd **6** (300 MHz, DMSO- d_6).

Spectrum 2. ^{13}C NMR of compd **6** (75.4 MHz, DMSO- d_6).

Spectrum 3. ^1H NMR of compd **8** (300 MHz, DMSO- d_6).

Spectrum 4. ^{13}C NMR of compd **8** (75.4 MHz, DMSO- d_6).

Spectrum 5. ^1H NMR of compd **14** (300 MHz, DMSO- d_6).

Spectrum 6. ^{13}C NMR of compd **14** (75.4 MHz, DMSO- d_6).

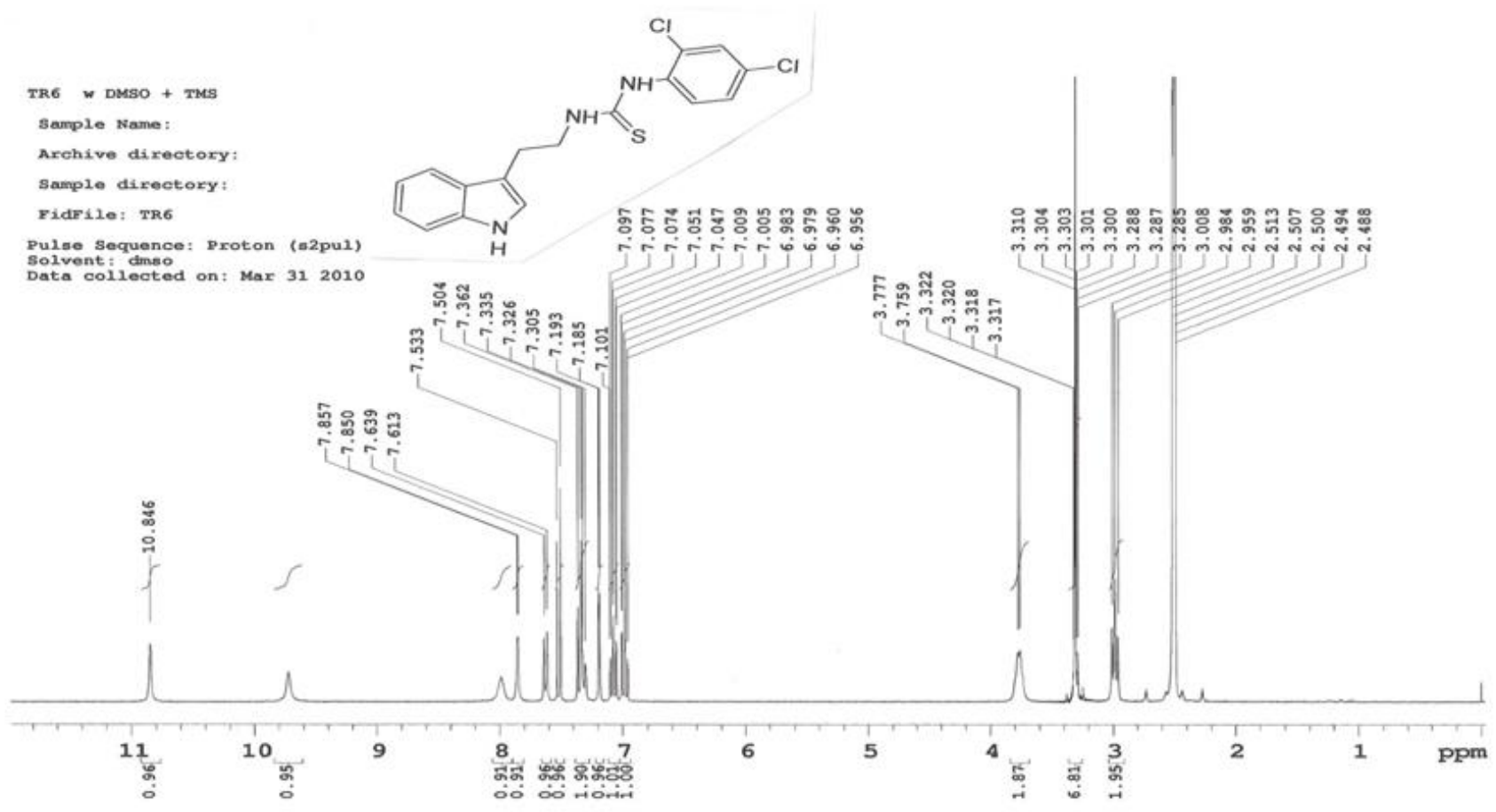
Spectrum 7. ^1H NMR of compd **15** (300 MHz, DMSO- d_6).

Spectrum 8. ^{13}C NMR of compd **15** (75.4 MHz, DMSO- d_6).

Spectrum 9. ^1H NMR of compd **19** (300 MHz, DMSO- d_6).

Spectrum 10. ^{13}C NMR of compd **19** (75.4 MHz, DMSO- d_6).

Spectrum 1. ¹H NMR of compound 6 (300 MHz, DMSO-d₆).



Spectrum 2. ¹³C NMR of compound 6 (75.4 MHz, DMSO-d₆).

TR 6 13C

Sample Name:

Data Collected on:
wormhole-vnmrs300

Archive directory:

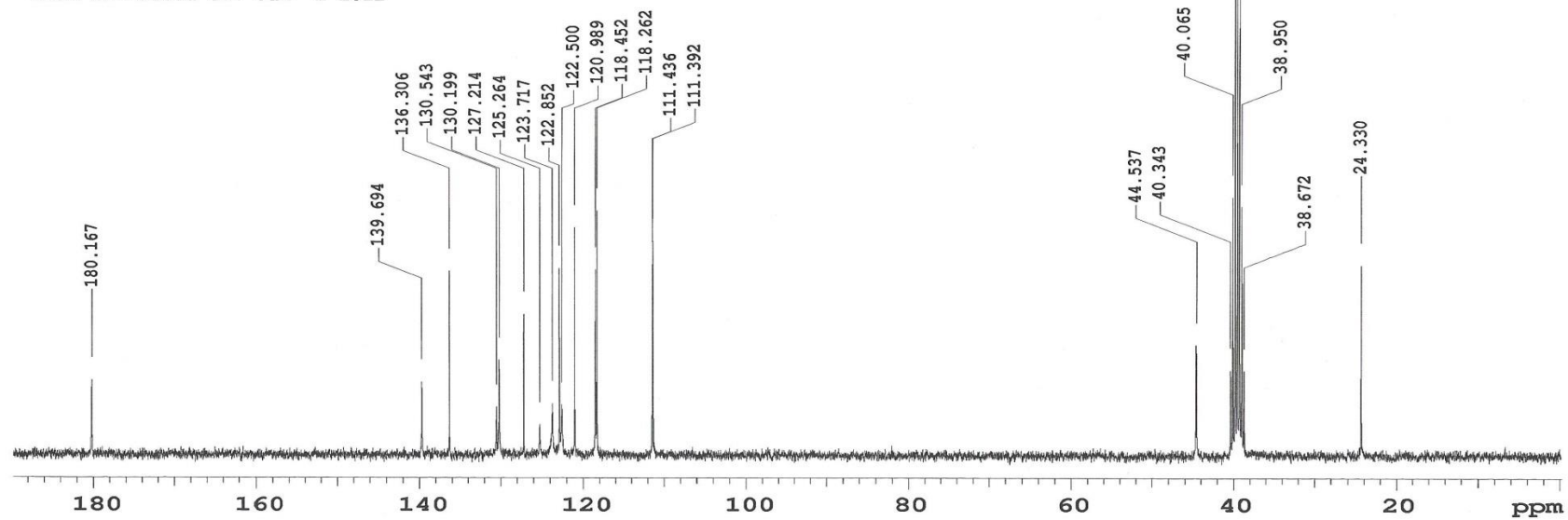
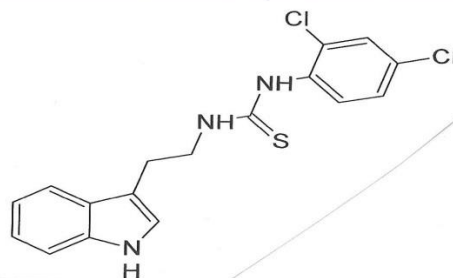
Sample directory:

FidFile: TR-6-13C

Pulse Sequence: Carbon (s2pul)

Solvent: dms0

Data collected on: Jan 2 2012



Spectrum 3. ^1H NMR of compound **8** (300 MHz, DMSO- d_6).

TR 8

Sample Name:

Archive directory:

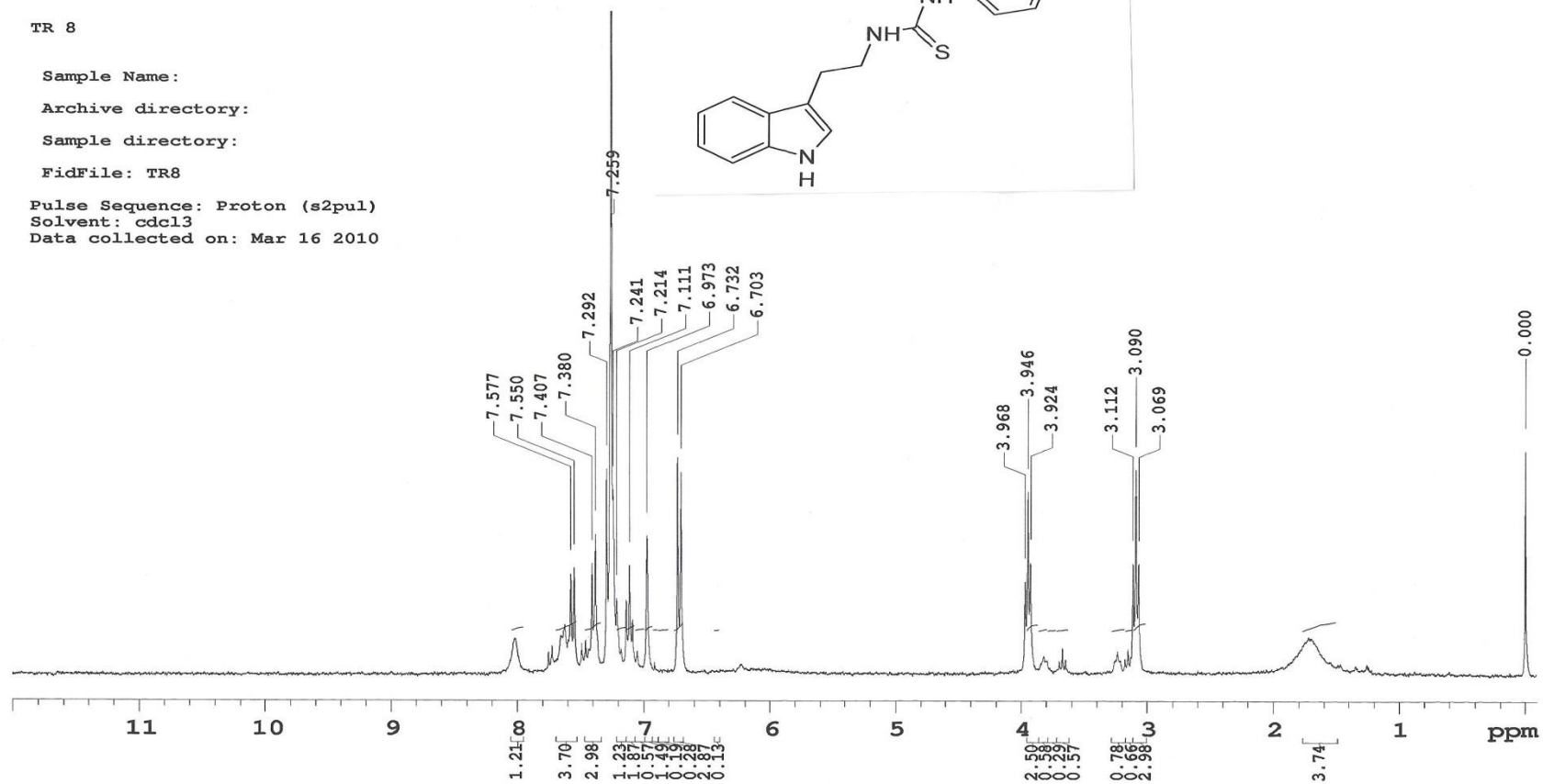
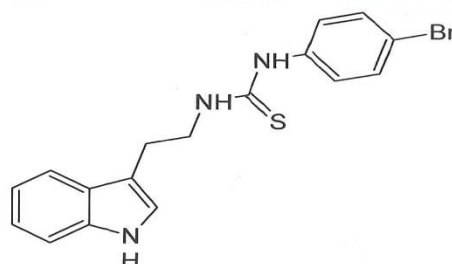
Sample directory:

FidFile: TR8

Pulse Sequence: Proton (s2pul)

Solvent: cdcl3

Data collected on: Mar 16 2010



Spectrum 4. ^{13}C NMR of compound **8** (75.4 MHz, DMSO- d_6).

TR 8 13C

Sample Name:

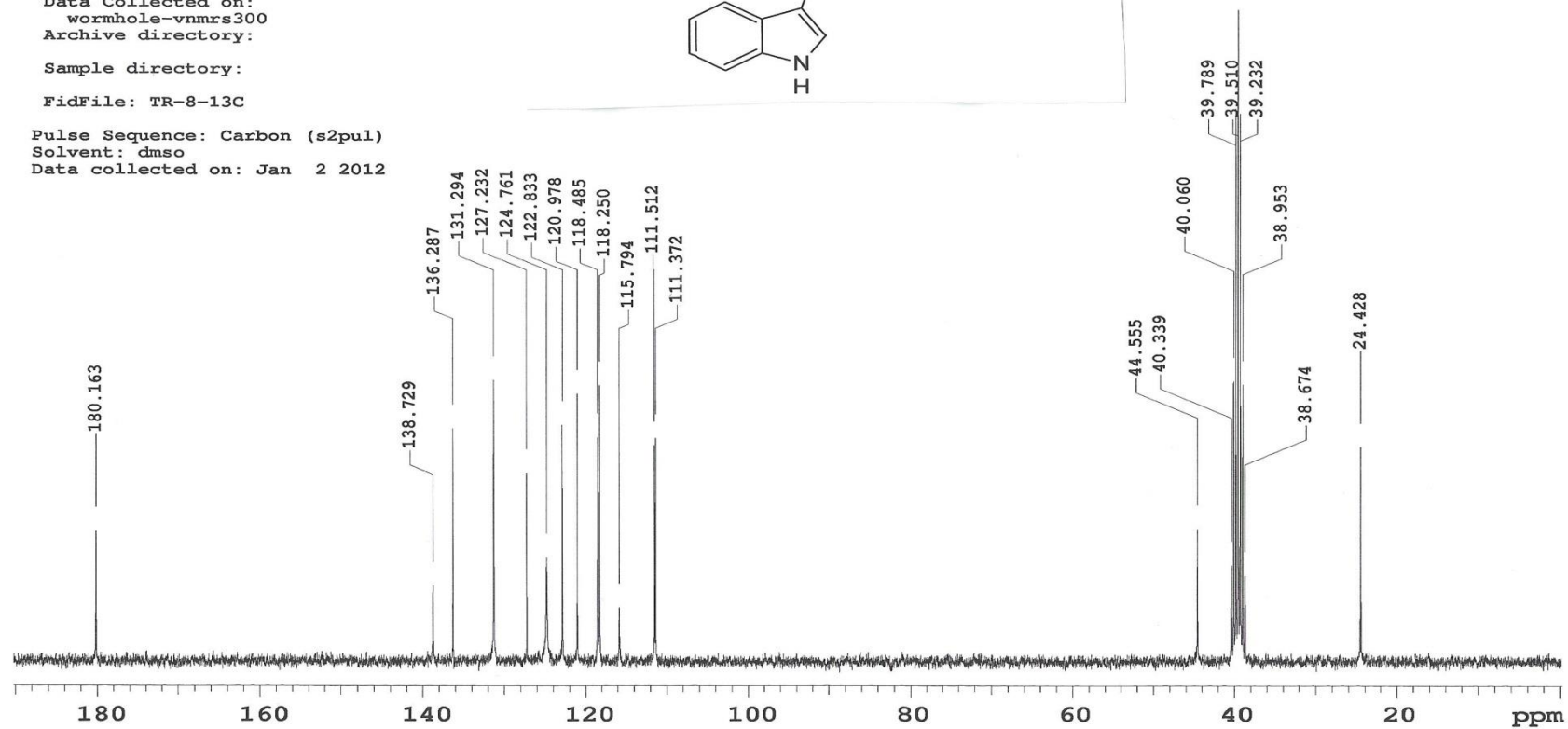
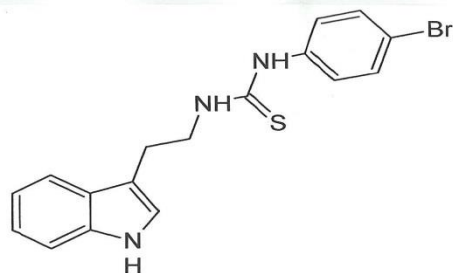
Data Collected on:
wormhole-vnmrs300

Archive directory:

Sample directory:

FidFile: TR-8-13C

Pulse Sequence: Carbon (s2pul)
Solvent: dms0
Data collected on: Jan 2 2012



Spectrum 5. ¹H NMR of compound 14 (300 MHz, DMSO-d₆).

TR14 w DMSO + TMS

Sample Name:

Archive directory:

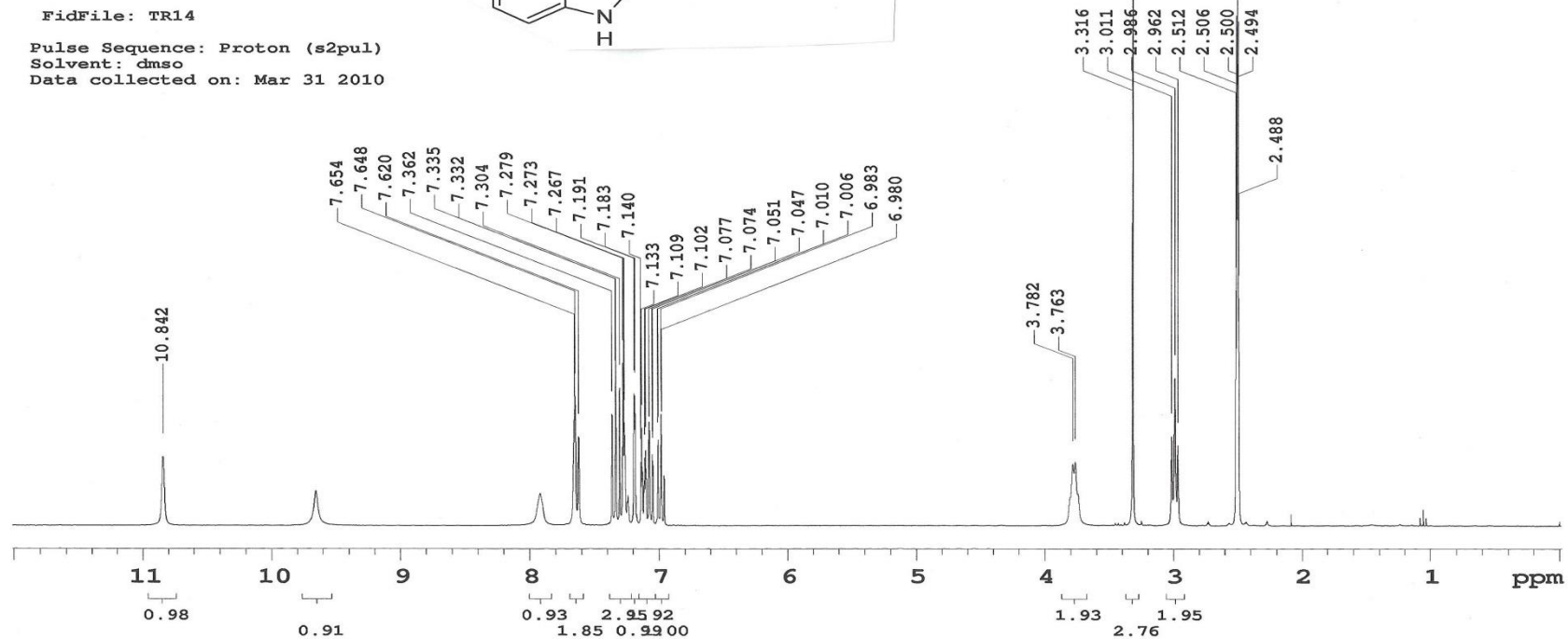
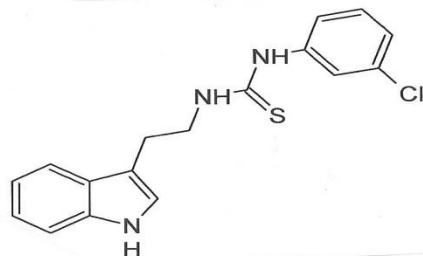
Sample directory:

FidFile: TR14

Pulse Sequence: Proton (s2pul)

Solvent: dmsd

Data collected on: Mar 31 2010



Spectrum 6. ^{13}C NMR of compound **14** (75.4 MHz, DMSO-d_6).

TR14 w DMSO 13C-NMR

Sample Name:

Data Collected on:
wormhole-vnmrs300

Archive directory:

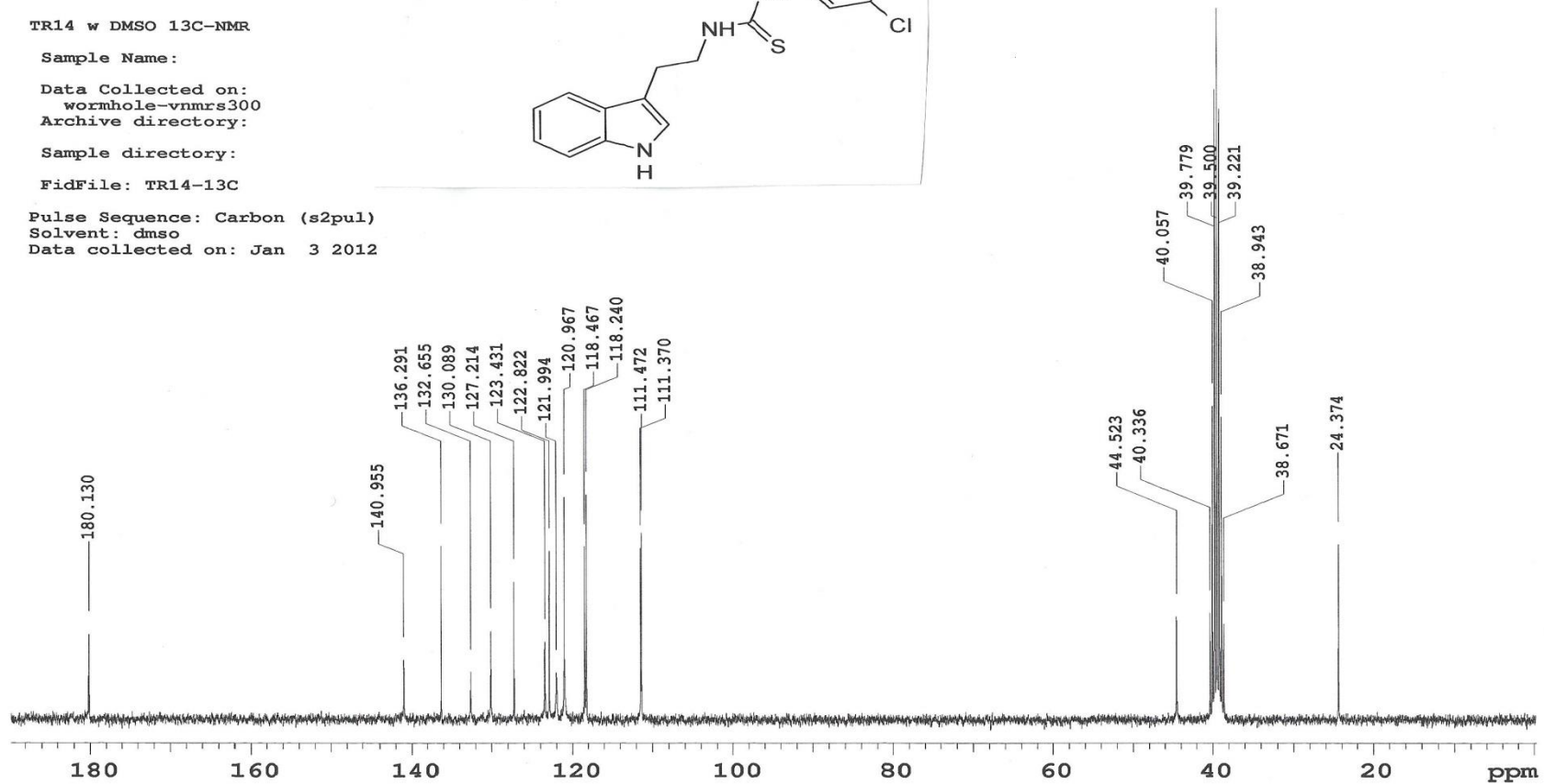
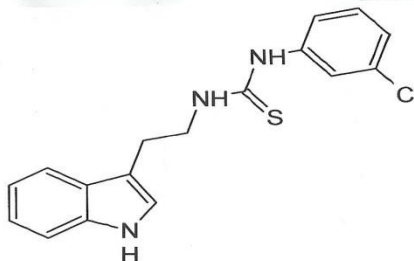
Sample directory:

FidFile: TR14-13C

Pulse Sequence: Carbon (s2pul)

Solvent: dms0

Data collected on: Jan 3 2012



Spectrum 7. ¹H NMR of compound 15 (300 MHz, DMSO-d₆).

DS Tr1 w DMSO + TMS

Sample Name:

Archive directory:

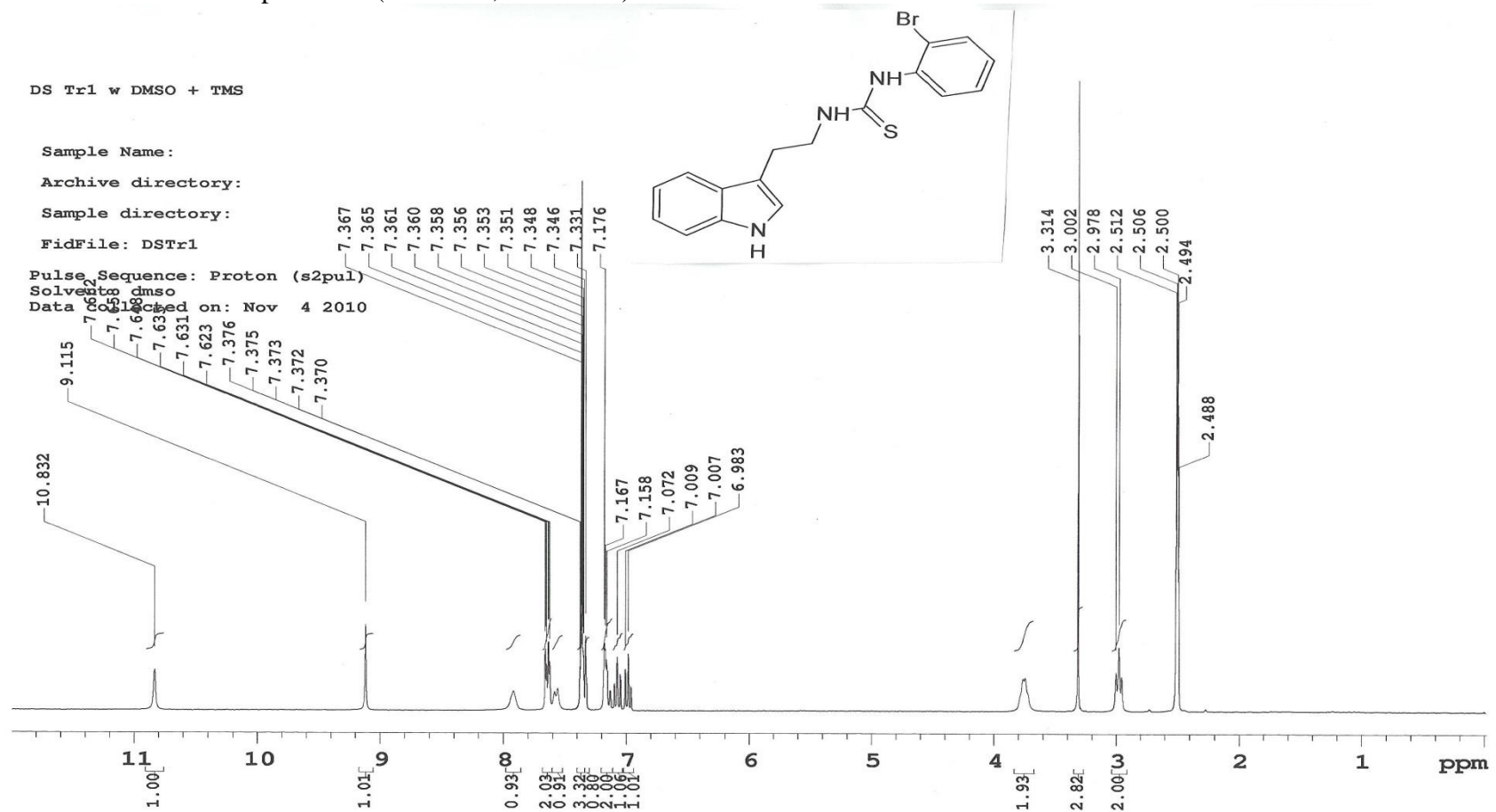
Sample directory:

FidFile: DSTr1

Pulse Sequence: Proton (s2pul)

Solvent: dms

Data collected on: Nov 4 2010



Spectrum 8. ^{13}C NMR of compound **15** (75.4 MHz, DMSO- d_6).

TR-15
DMSO 13C

Sample Name:

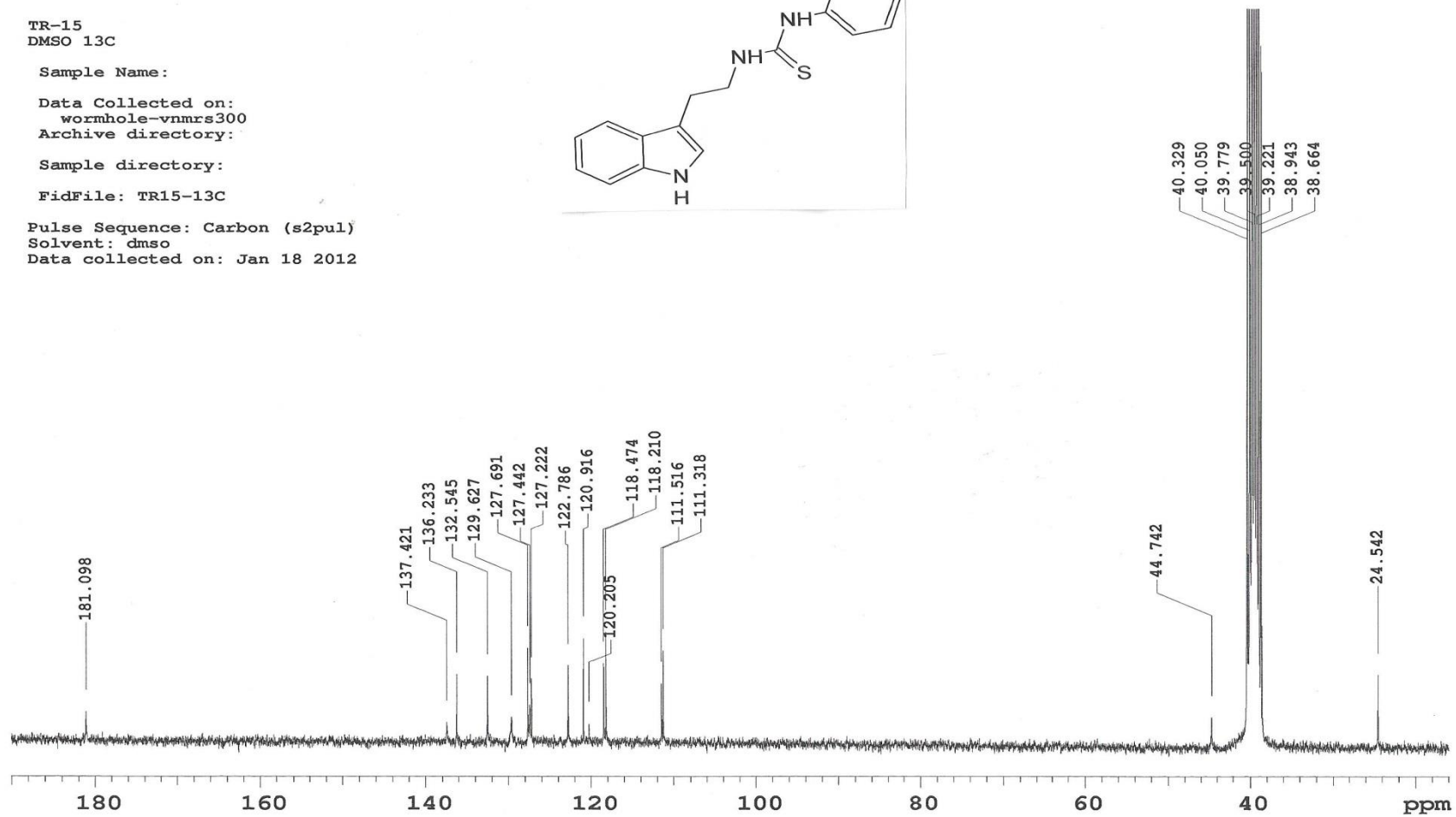
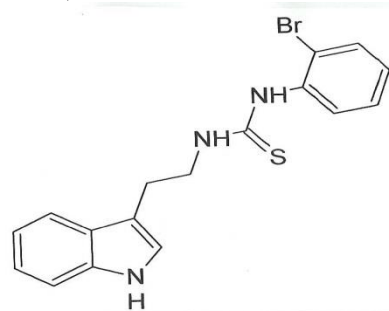
Data Collected on:
wormhole-vnmrs300

Archive directory:

Sample directory:

FidFile: TR15-13C

Pulse Sequence: Carbon (s2pul)
Solvent: dms0
Data collected on: Jan 18 2012



Spectrum 9. ¹H NMR of compound **19** (300 MHz, DMSO-d₆).

DSTr5 w DMSO

Sample Name:

Archive directory:

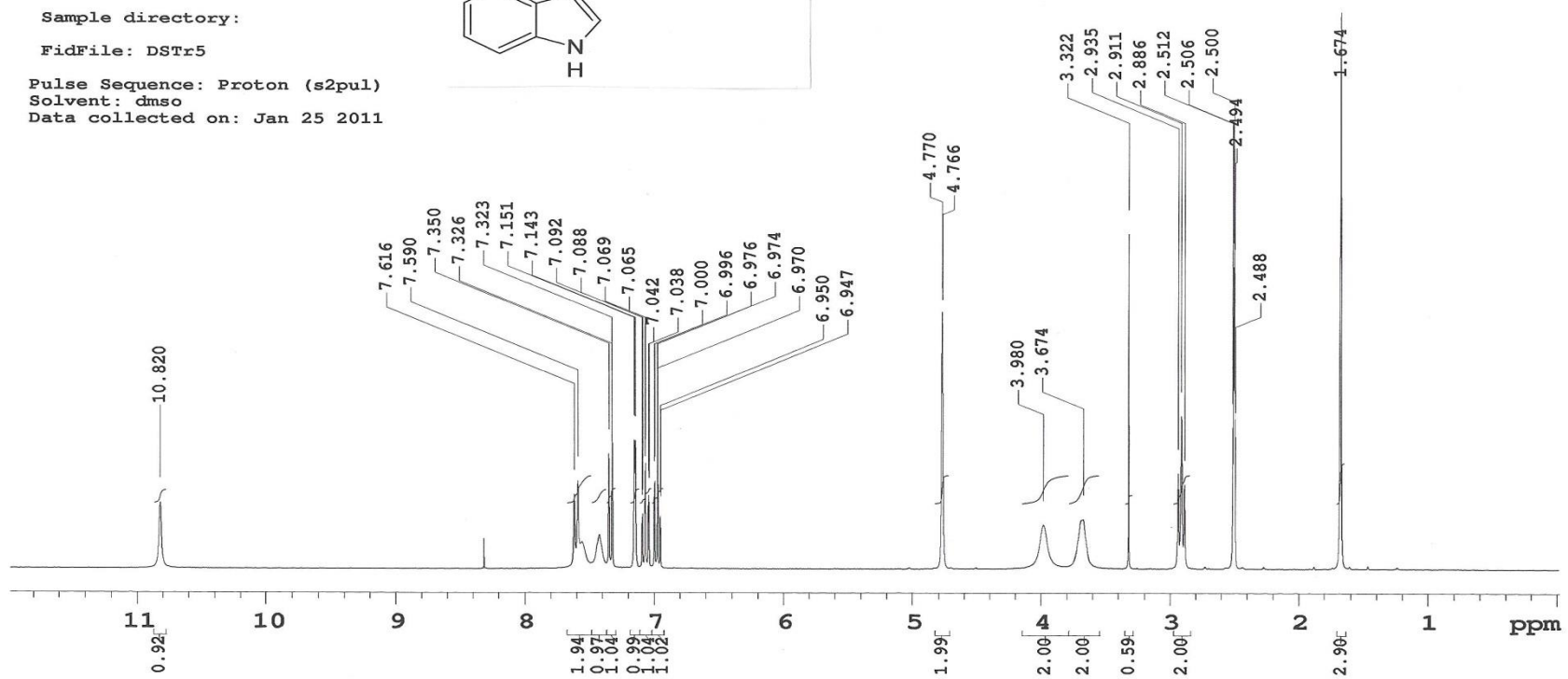
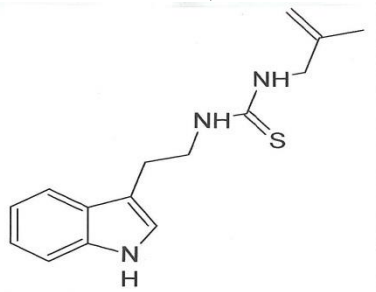
Sample directory:

FidFile: DSTr5

Pulse Sequence: Proton (s2pul)

Solvent: dms0

Data collected on: Jan 25 2011



Spectrum 10. ^{13}C NMR of compound **19** (75.4 MHz, DMSO- d_6).

TR19 13C-NMR

Sample Name:

Data Collected on:
wormhole-vnmrs300
Archive directory:

Sample directory:

FidFile: TR19-13C

Pulse Sequence: Carbon (s2pul)
Solvent: dms
Data collected on: Dec 21 2011

