

Supplementary Materials: Article Synthesis and Biological Activities of Ethyl 2-(2-pyridylacetate) Derivatives Containing Thiourea, 1,2,4-triazole, Thiadiazole and Oxadiazole Moieties

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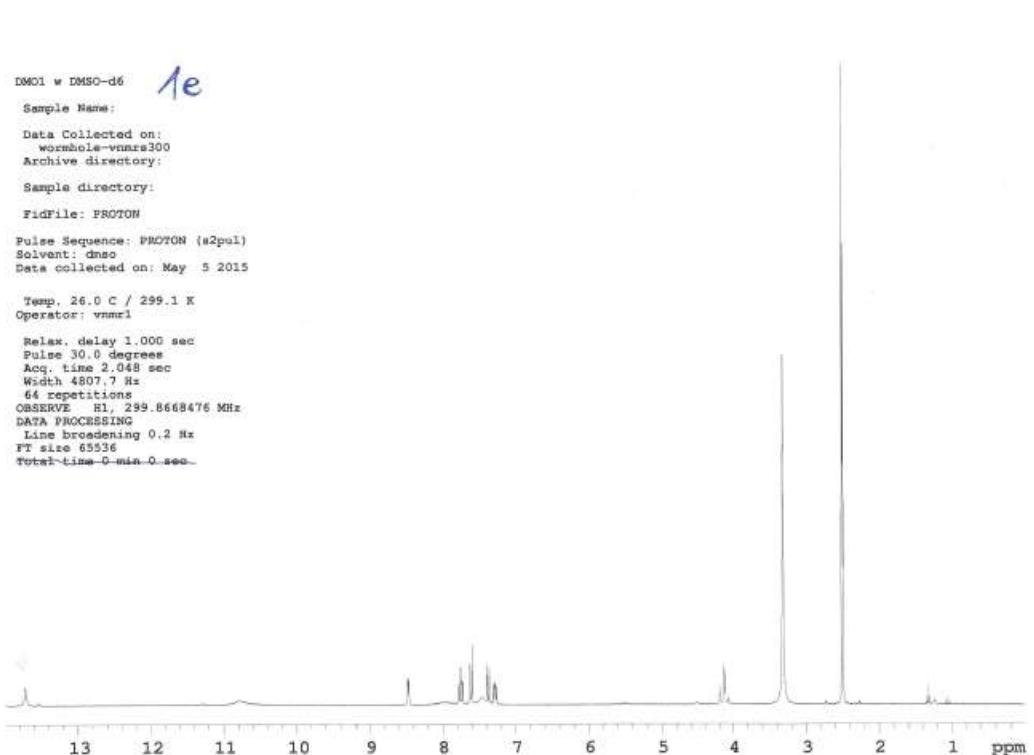


Figure S1. ^1H -NMR-1e-Sample.

DM02 1H w DMSO
Sample Name:
Data Collected on:
wormhole-vnmrs300
Archive directory:
Sample directory:
FidFile: PROTON
Pulse Sequence: PROTON (s2pul)
Solvent: dmso
Data collected on: May 15 2015

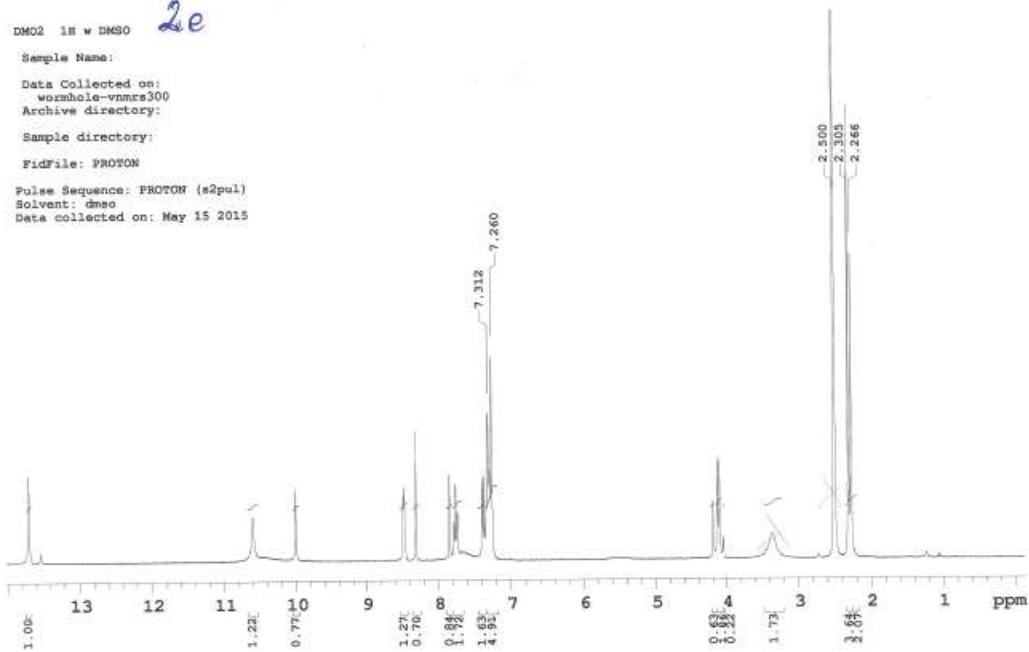


Figure S2. ^1H -NMR-2e-Sample.

MSS2 w DMSO [REDACTED]
3e
Sample Name:
Data Collected on:
wormhole-vnmrs300
Archive directory:
Sample directory:
FidFile: PROTON
Pulse Sequence: PROTON (s2pul)
Solvent: dmso
Data collected on: Mar 23 2015

Temp. 26.0 C / 299.1 K
Operator: vnmri

Relax. delay 1.000 sec
Pulse 30.0 degrees
Aq. time 2.048 sec
Width 4807.7 Hz
64 repetitions
OBSERVE F1 299.8668481 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total Time 0 min 0 sec

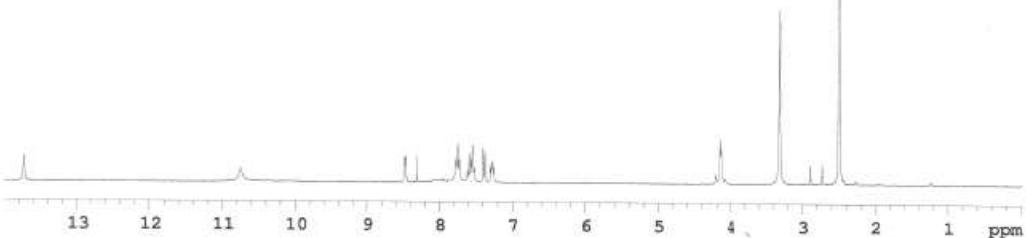


Figure S3. ^1H -NMR-3e-Sample.

4e

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DM04 w DMSO-d6
Sample Name:
Data Collected on:
wormhole-vnmrs300
Archive directory:
Sample directory:
FidFile: PROTON
Pulse Sequence: PROTON (s2pul)
Solvent: dmso
Data collected on: May 12 2015

Temp. 26.0 C / 299.1 K
Operator: vnmrl

Relax. delay 1.000 sec
Pulse 30.0 degrees
Acq. time 2.048 sec
Width 4807.7 Hz
64 repetitions
OBSERVE H1, 299.8668478 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total_time 0 min 0 sec

```

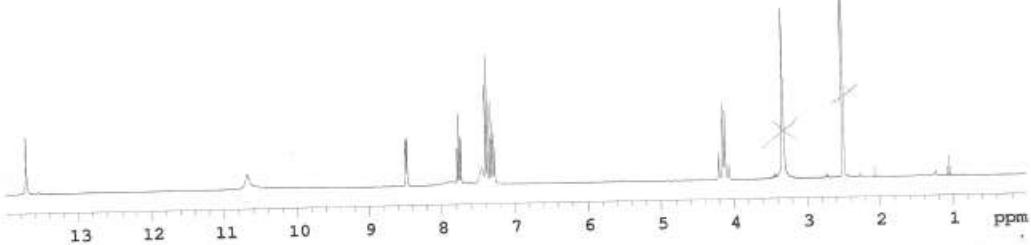


Figure S4. ^1H -NMR-4e-Sample.

5e

```

MSS-1 w DMSO
Sample Name:
Data Collected on:
wormhole-vnmrs300
Archive directory:
Sample directory:
FidFile: PROTON
Pulse Sequence: PROTON (s2pul)
Solvent: dmso
Data collected on: Apr 8 2015

Temp. 26.0 C / 299.1 K
Operator: vnmrl

Relax. delay 1.000 sec
Pulse 30.0 degrees
Acq. time 2.048 sec
Width 4807.7 Hz
64 repetitions
OBSERVE H1, 299.8668479 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total_time 0 min 0 sec

```

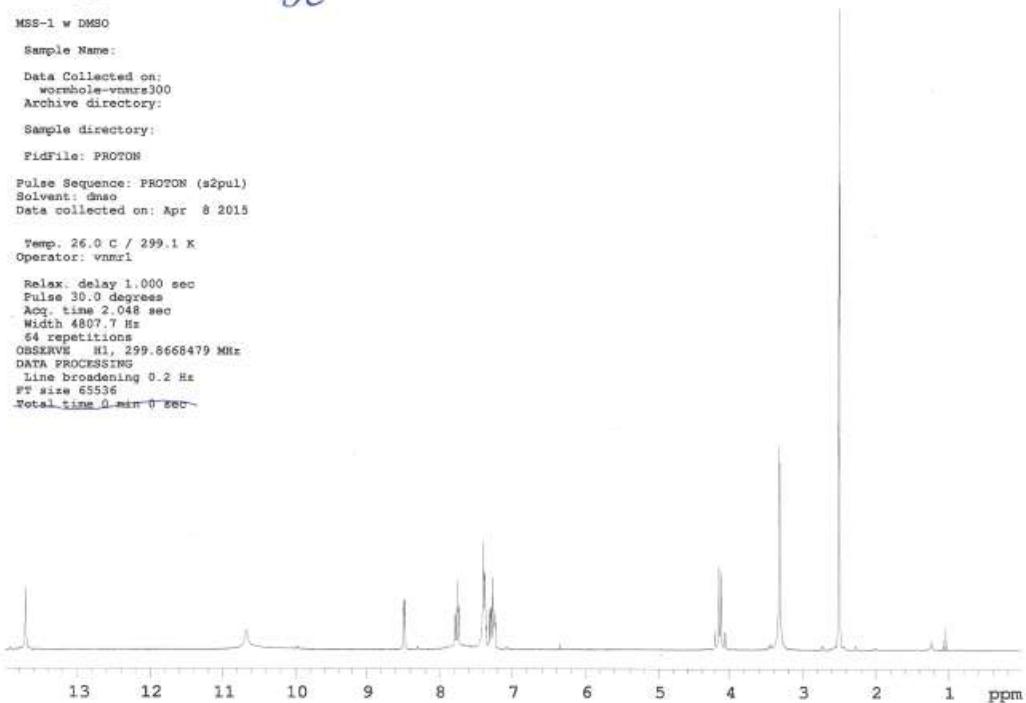


Figure S5. ^1H -NMR-5e-Sample.

DM06 1H w DMSO

6e

Sample Name:

Data Collected on:
wormhole-vnmrs300
Archive directory:

Sample directory:
FidFile: PROTON

Pulse Sequence: PROTON (s2pul)
Solvent: dmso
Data collected on: May 15 2015

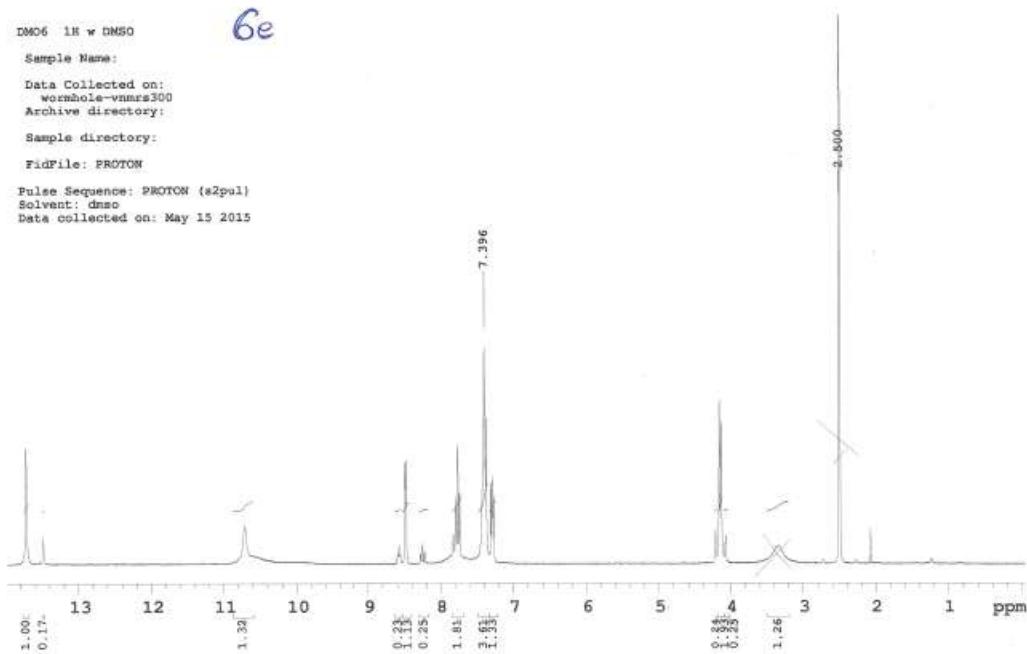


Figure S6. ^1H -NMR-6e-Sample.

7e

DM07 w DMSO-d6

Sample Name:

Data Collected on:
wormhole-vnmrs300
Archive directory:

Sample directory:
FidFile: PROTON

Pulse Sequence: PROTON (s2pul)
Solvent: dmso
Data collected on: May 12 2015

Temp. 26.0 C / 299.1 K
Operator: vnmri

Relax. delay 1.000 sec
Pulse 30.0 degrees
Acq. time 2.048 sec
Width 4807.7 Hz
64 repetitions
OBSERVE H1, 299.8668478 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 65536
Total-time 0 min 0 sec

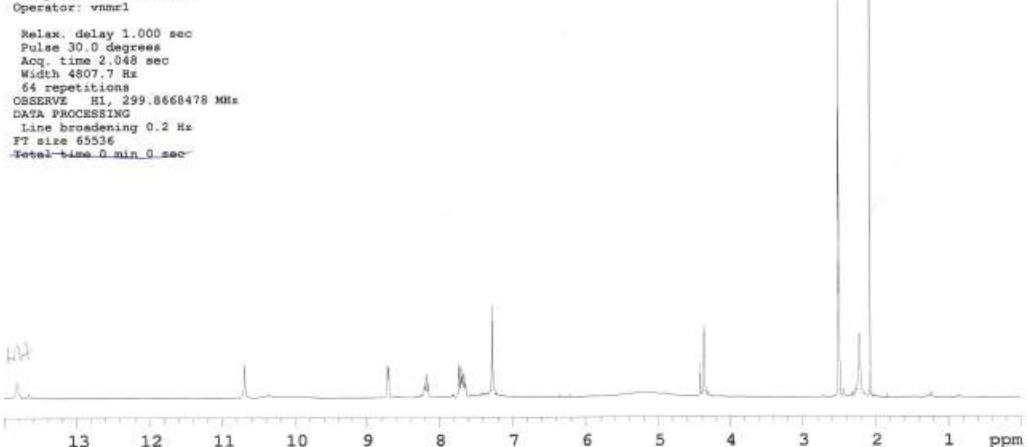


Figure S7. ^1H -NMR-7e-Sample.

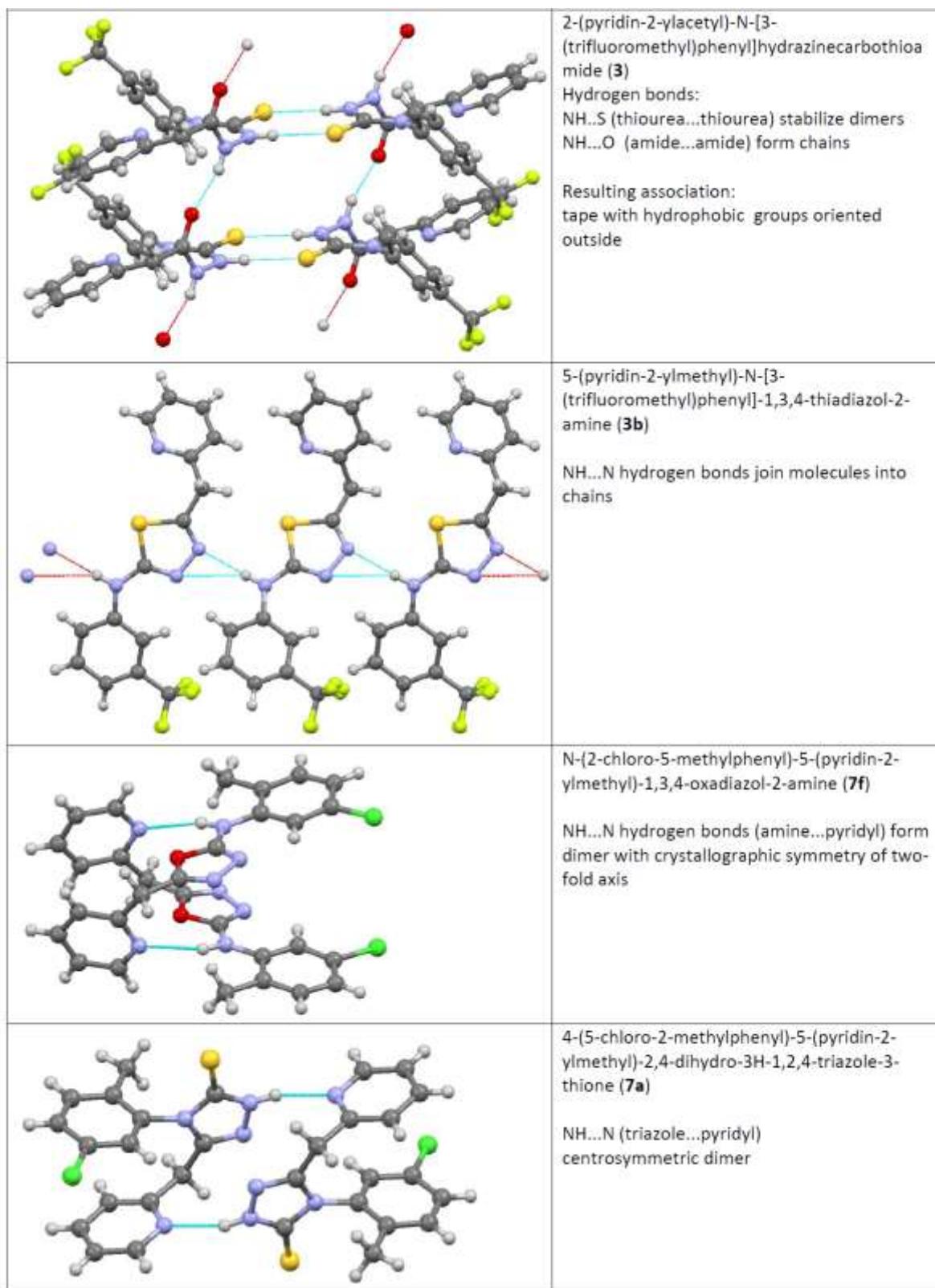


Figure S8. Intermolecular hydrogen bonds.