

Supplementary Materials: Synthesis of Some Novel 2-Amino-5-arylazothiazole Disperse Dyes for Dyeing Polyester Fabrics and Their Antimicrobial Activity

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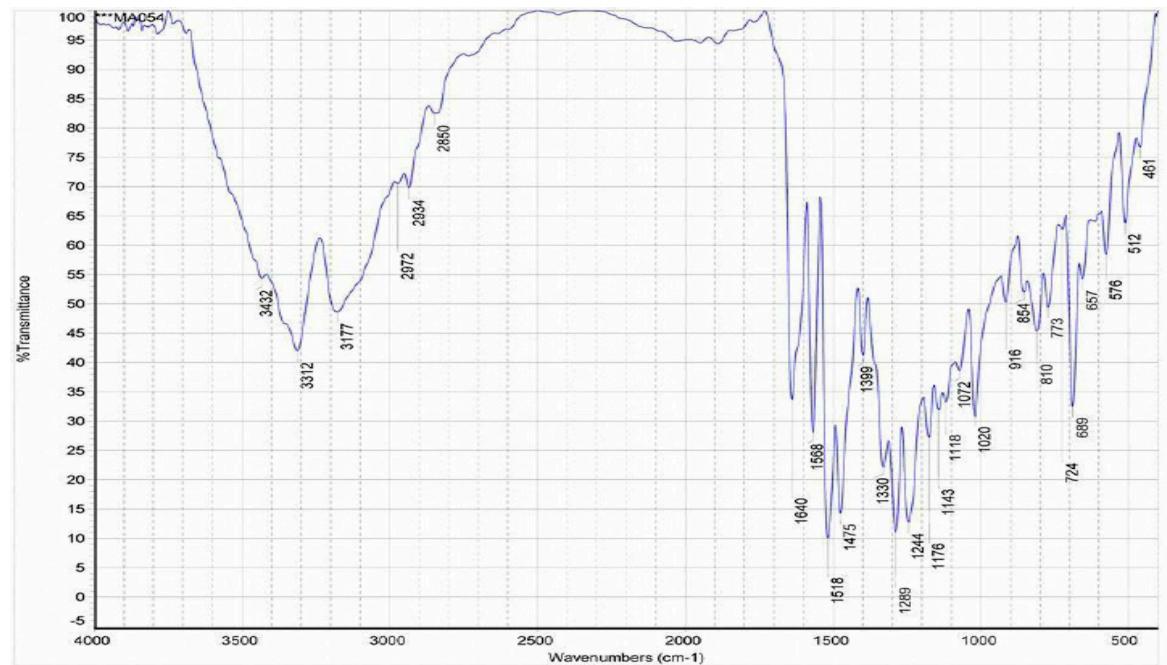


Figure S1. IR spectrum of compound (4).

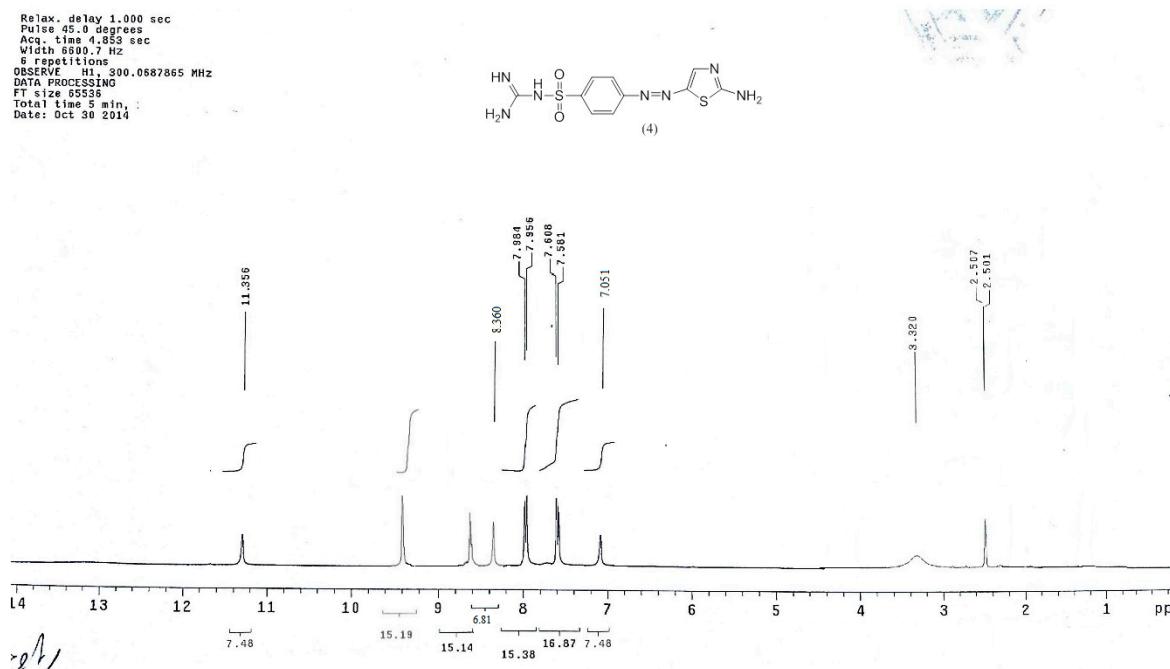


Figure S2. ^1H -NMR spectrum of compound (4).

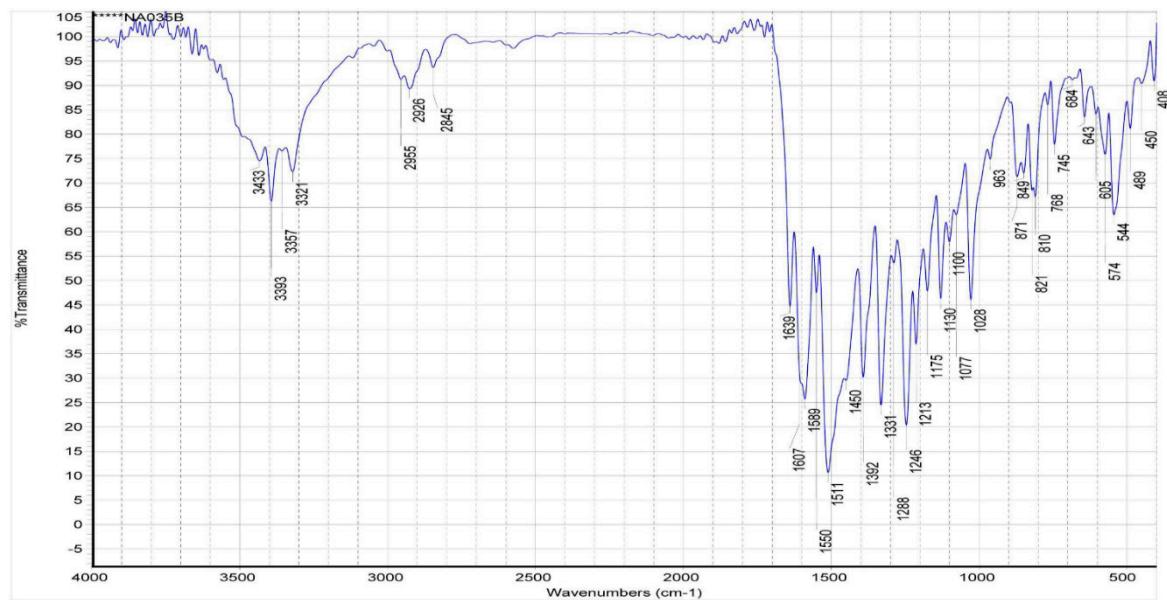


Figure S3. IR spectrum of compound (5).

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Pulse Sequence: s2pul
  Solvent: DMSO
  Temp. 30.0 C / 303.1 K
Mercury-300B5 "HNR300"

Relax. delay 1.000 sec
Pulse 74.1 degrees
Acf. time 4.004 sec
Wdt. 8000.0 Hz
  32 repetitions
OBSERVE: H1 300.0687855 MHz
DATA PROCESSING
FT size 65536
Total time 3 min, 13 sec

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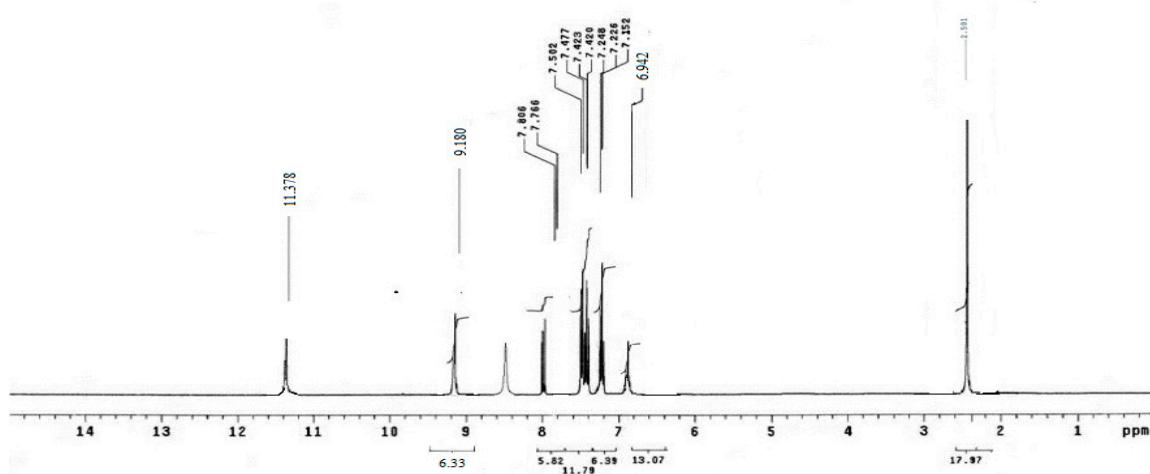
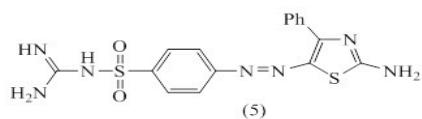


Figure S4. ^1H -NMR spectrum of compound (5).

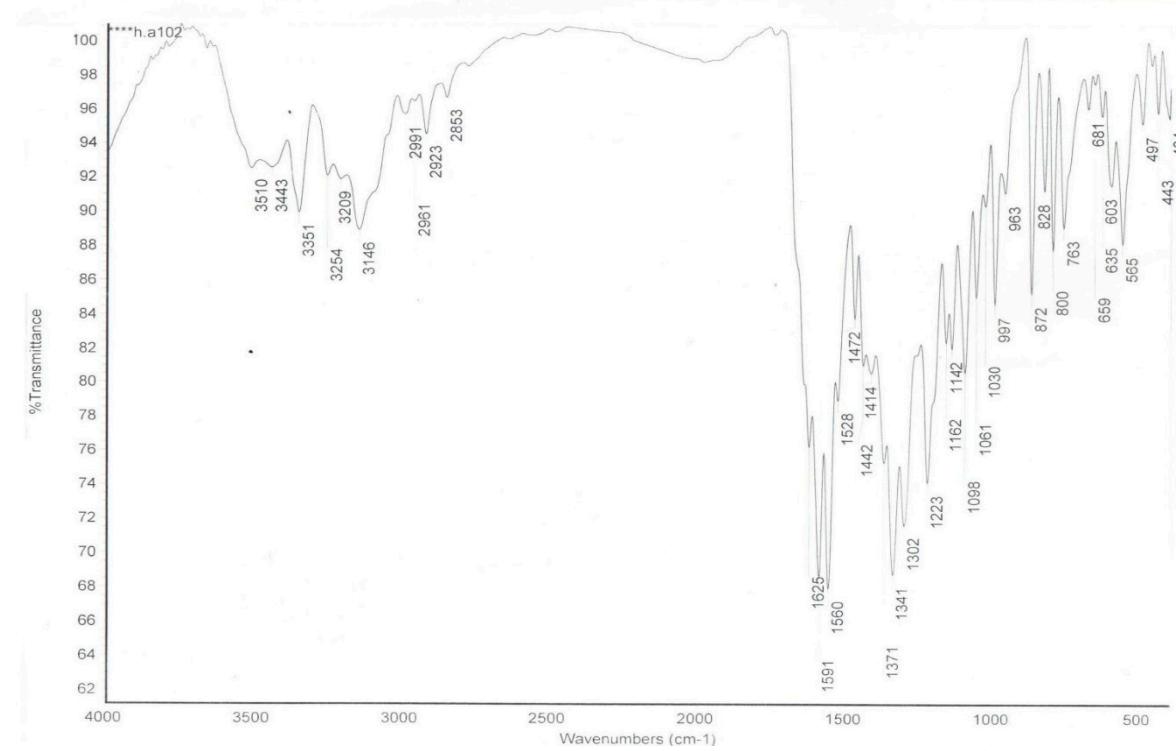
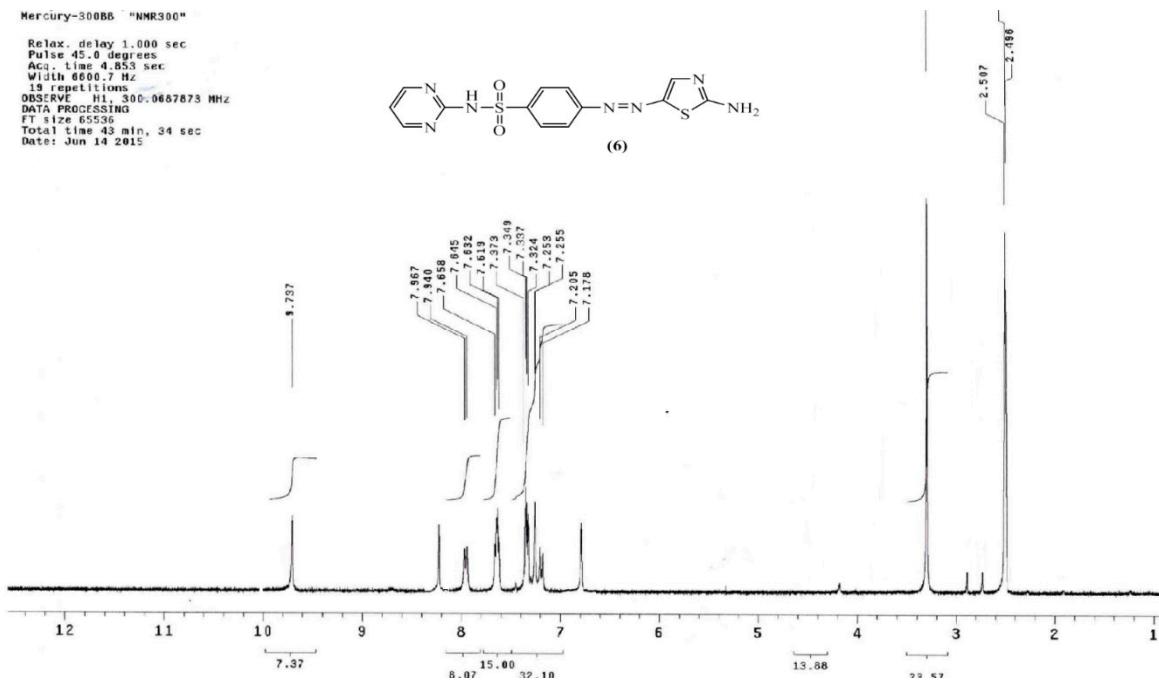
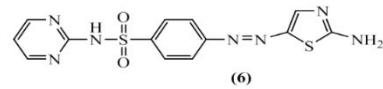


Figure S5. IR spectrum of compound (6).

Mercury-300BB "NMR300"
 Relax. delay 1.000 sec
 Pulse 45.0 degrees
 Aqc. time 4.853 sec
 W1 6000 Hz
 19 repetitions
 OBSERVE H1, 300.0657873 MHz
 DATA PROCESSING
 F1 size 45556
 Total time 43 min, 34 sec
 Date: Jun 14 2015

Figure S6. ¹H-NMR spectrum of compound (6).

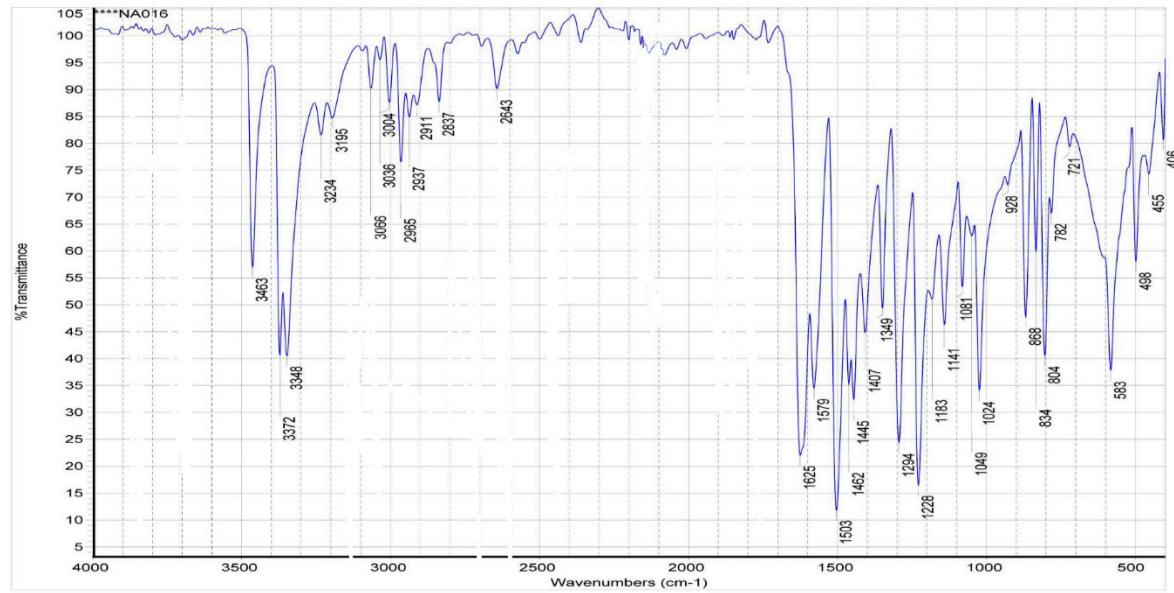
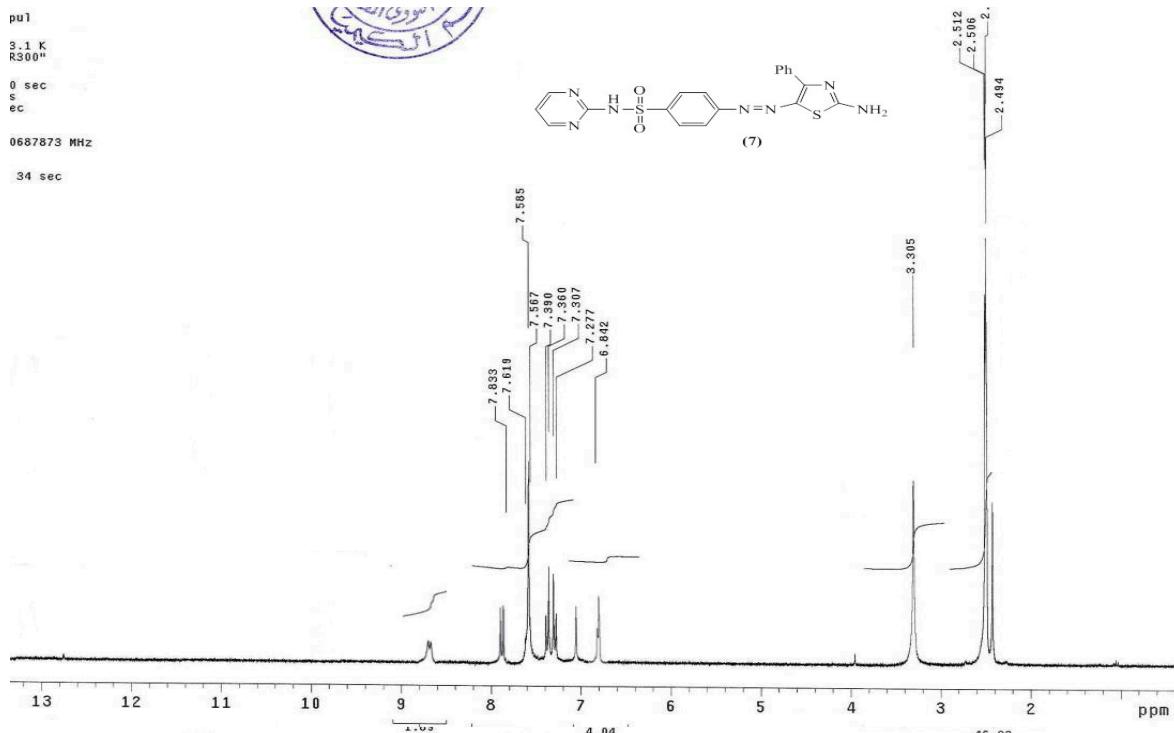


Figure S7. IR spectrum of compound (7).

Figure S8. ¹H-NMR spectrum of compound (7).