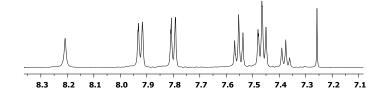
Supporting Information

Iodine-mediated C-N and N-N bond formation: A facile one-pot synthetic approach to 1,2,3-triazoles under metal-free and azide-free conditions

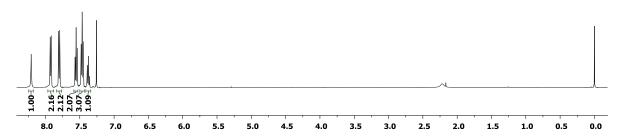
Geeta Sai Mani, ^a Kavitha Donthiboina, ^a Siddiq Pasha Shaik, ^b Nagula Shankaraiah, ^{*a} Ahmed Kamal ^{*a,b,c}

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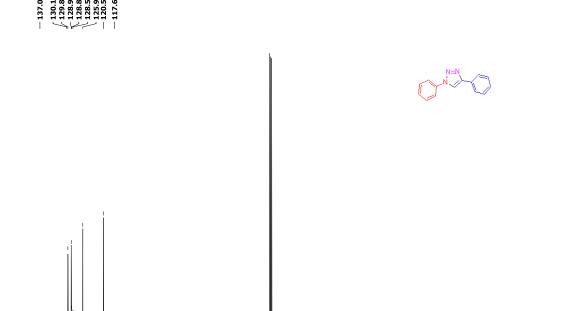
¹H and ¹³C NMR spectra of compounds **4a-ag**...... **2-34**







 $^{1}\text{H NMR}$ (500 MHz, CDCl₃) spectrum of compound 4a

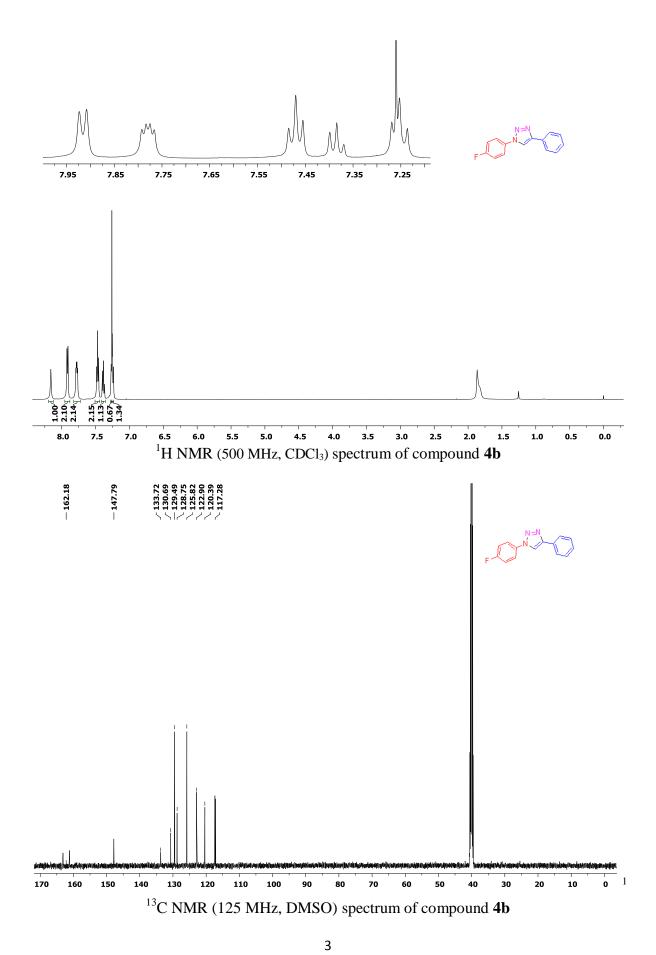


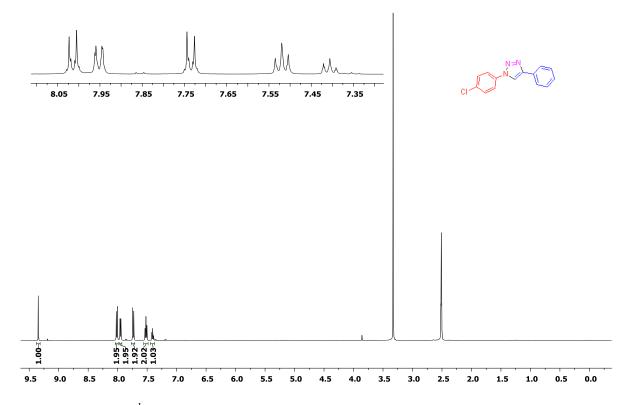
 13 C NMR (125 MHz, CDCl₃) spectrum of compound 4a

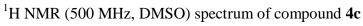
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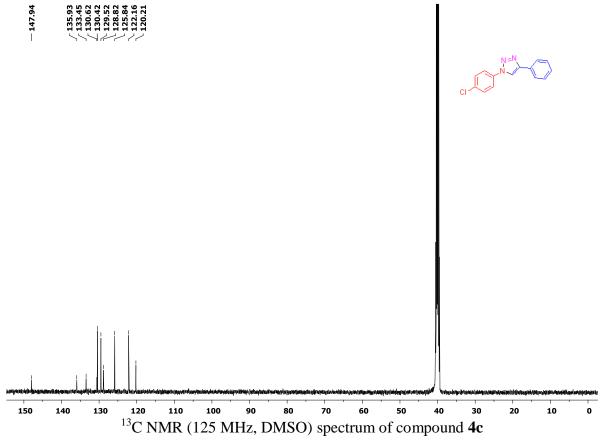
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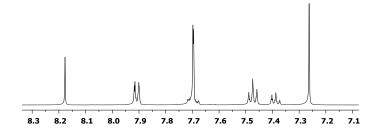
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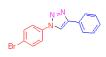


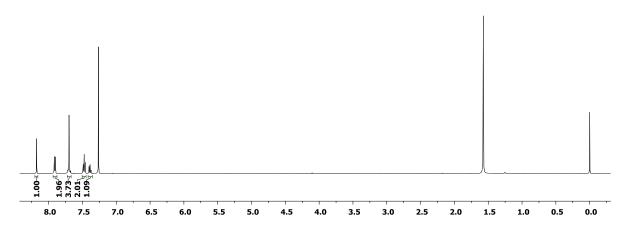




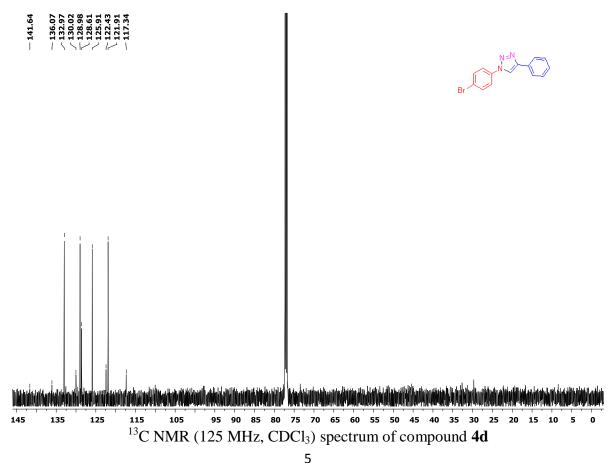


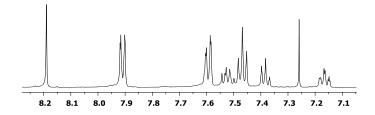




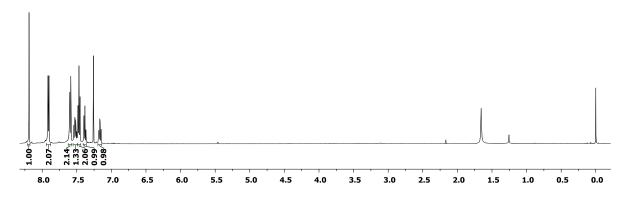


¹H NMR (500 MHz, CDCl₃) spectrum of compound **4d**

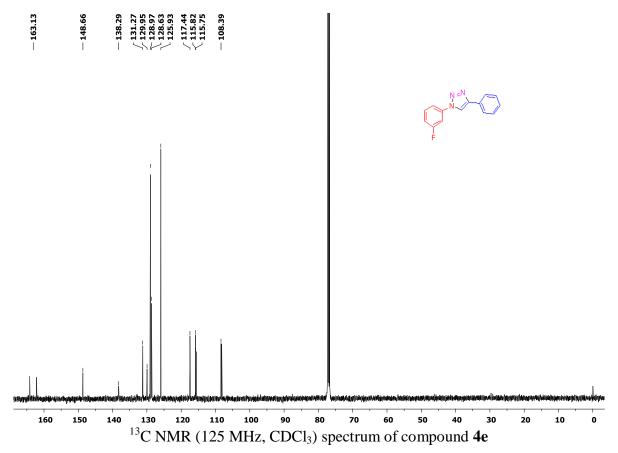


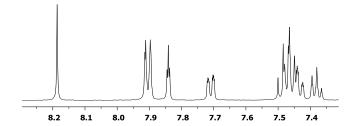




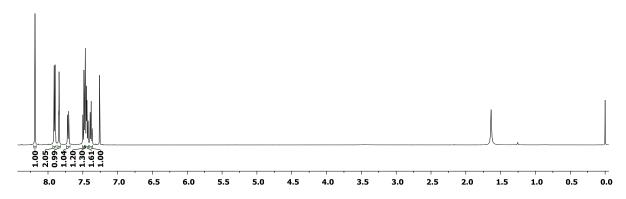


 $^{1}\text{H NMR}$ (500 MHz, CDCl₃) spectrum of compound 4e

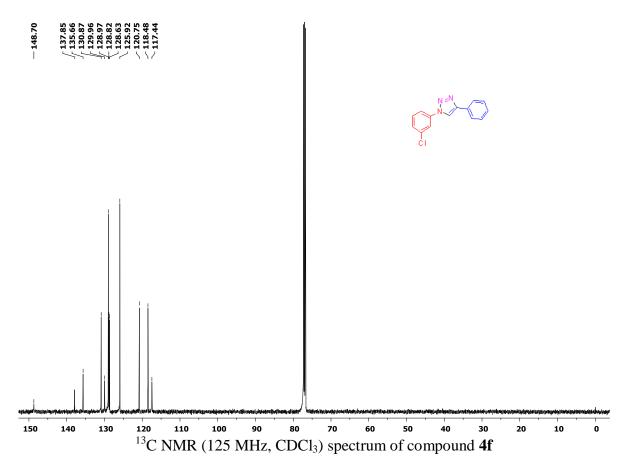


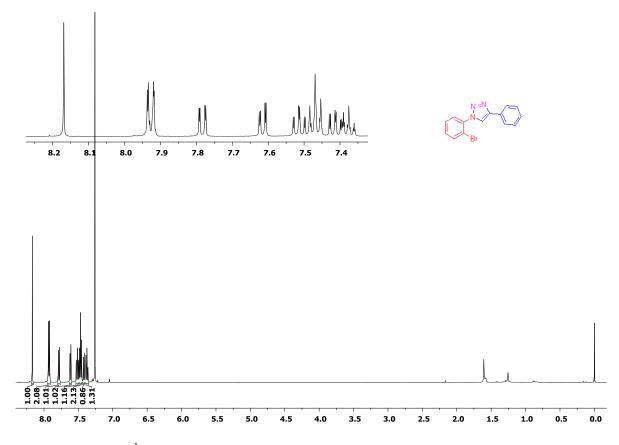




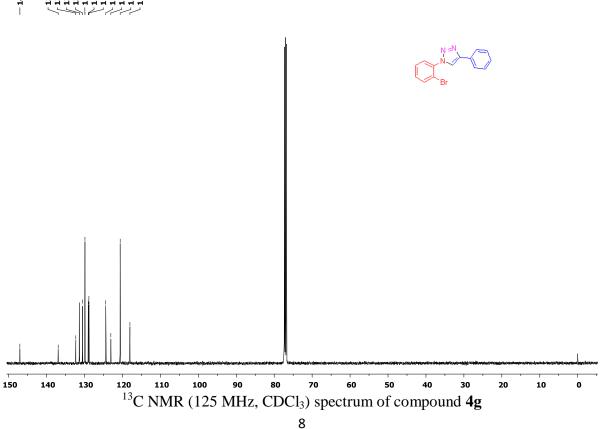


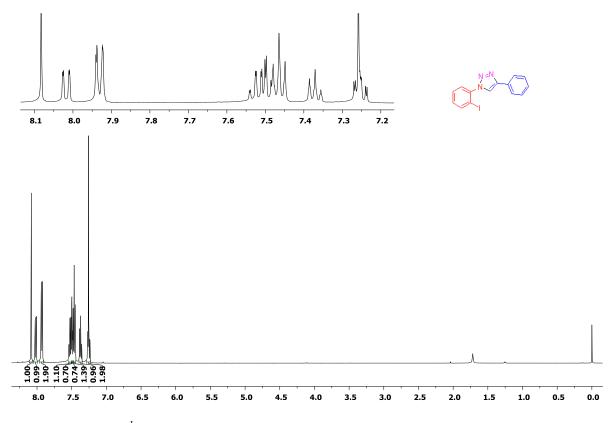
 ^{1}H NMR (500 MHz, CDCl₃) spectrum of compound $\mathbf{4f}$



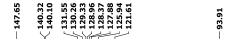


 $^1 H\ NMR\ (500\ MHz,\ CDCl_3)$ spectrum of compound $\boldsymbol{4g}$

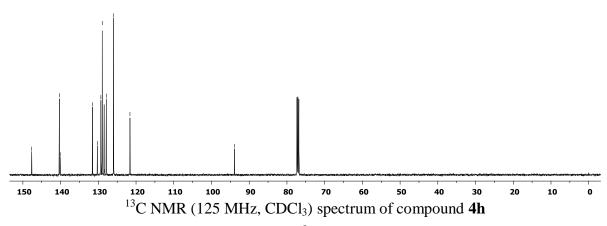


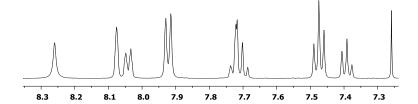


 $^{1}H\ NMR\ (500\ MHz,\ CDCl_{3})$ spectrum of compound 4h

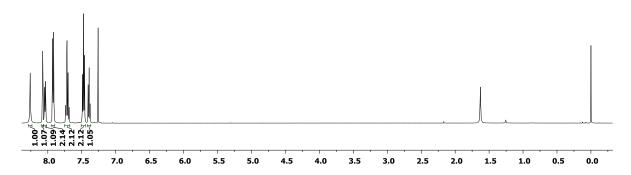




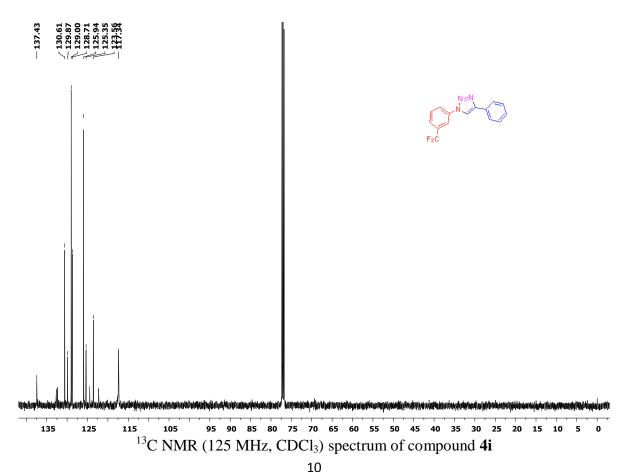




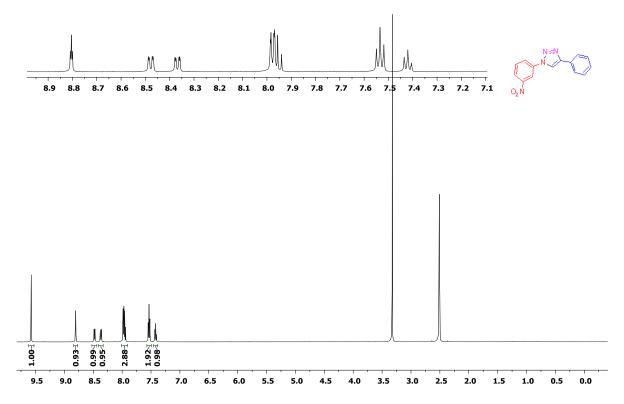




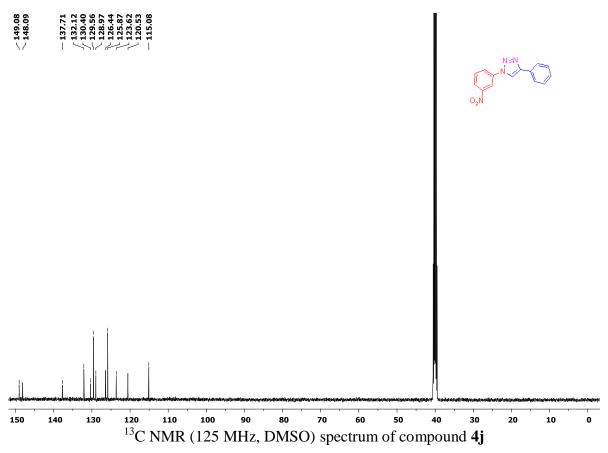
 $^{1}\text{H NMR}$ (500 MHz, CDCl $_{3}$) spectrum of compound 4i

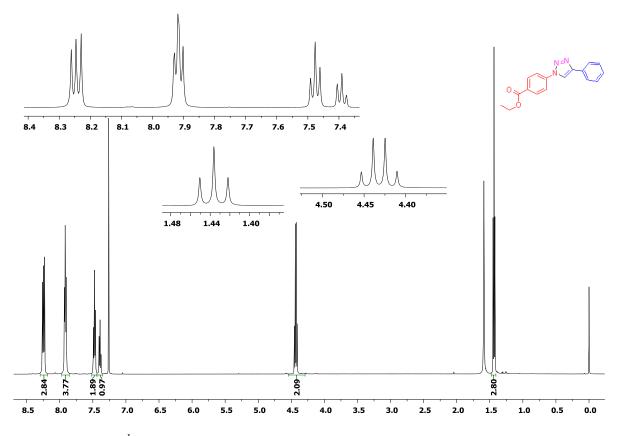


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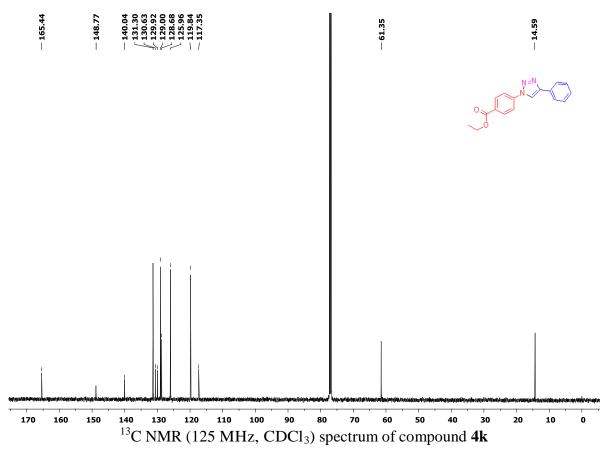


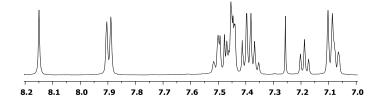
 1 H NMR (500 MHz, DMSO) spectrum of compound 4j

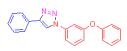


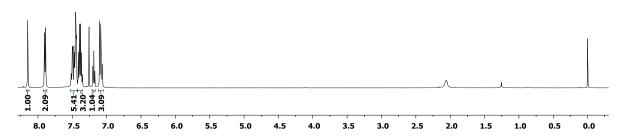


 $^{1}\text{H NMR}$ (500 MHz, CDCl $_{3}$) spectrum of compound 4k



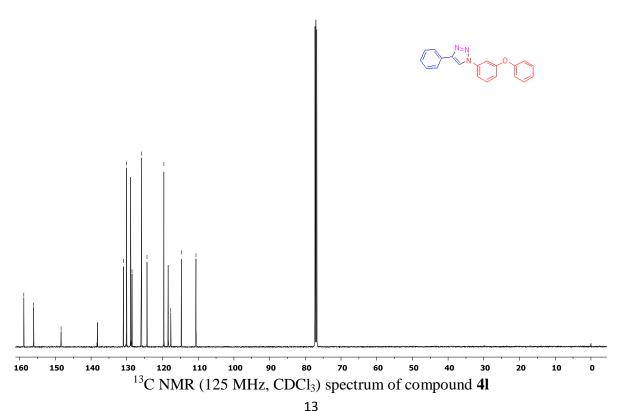


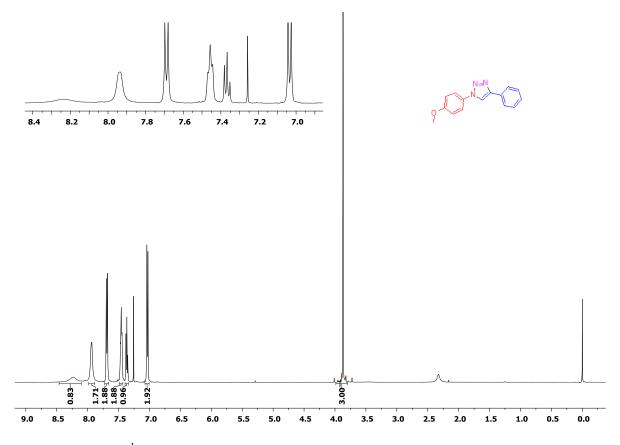




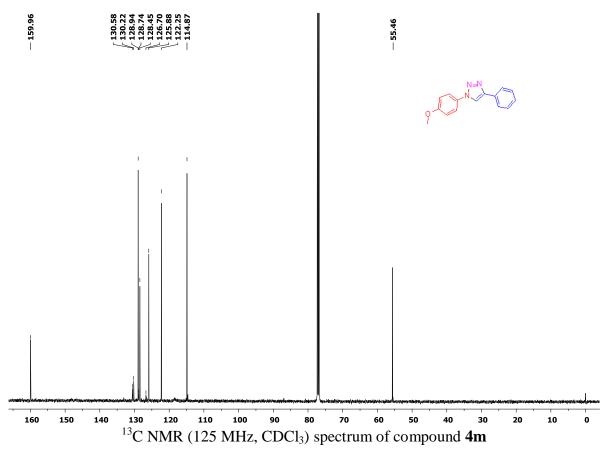
¹H NMR (500 MHz, CDCl₃) spectrum of compound **4l**

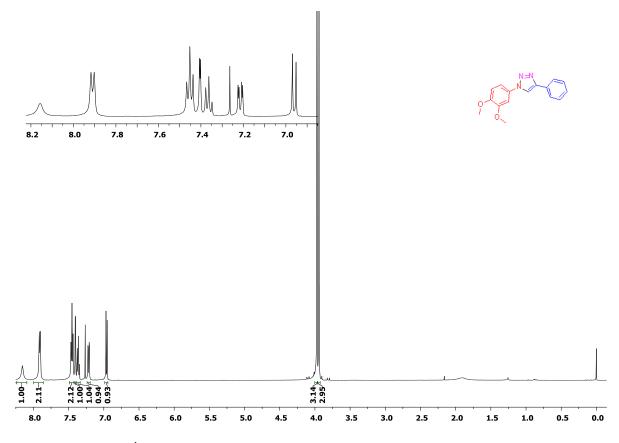




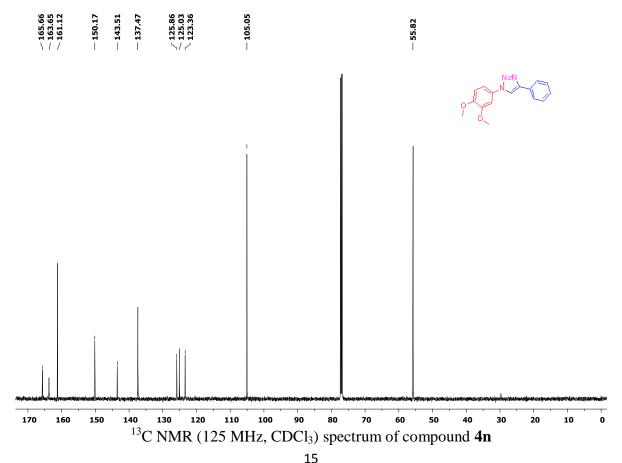


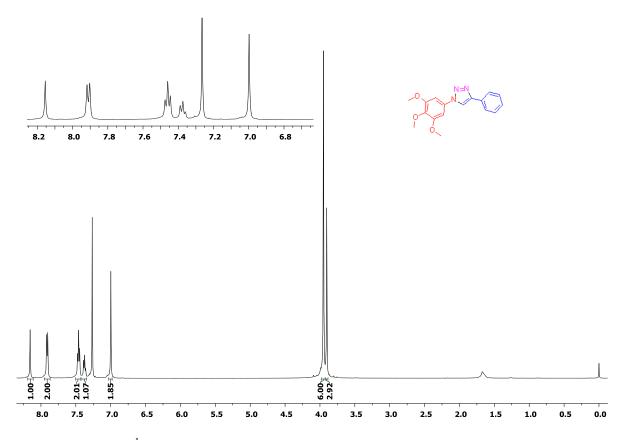
 ^{1}H NMR (500 MHz, CDCl₃) spectrum of compound 4m



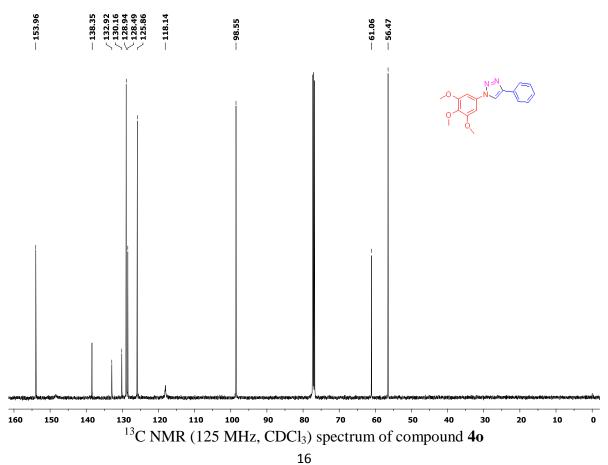


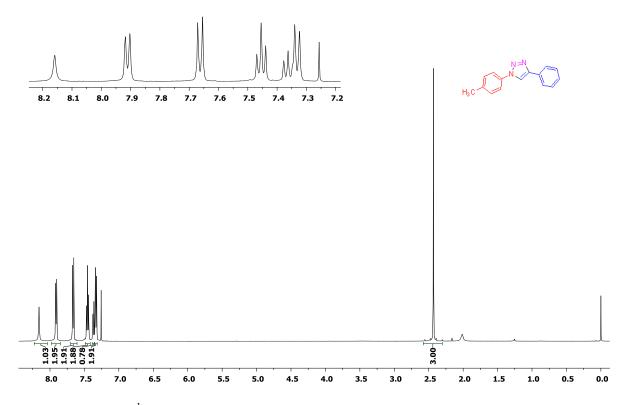
 ^{1}H NMR (500 MHz, CDCl₃) spectrum of compound ${f 4n}$



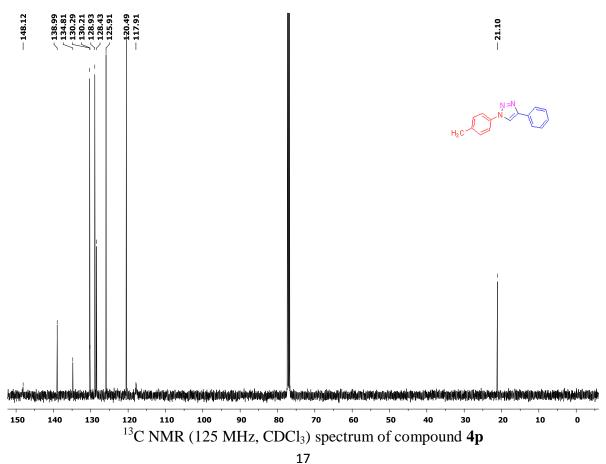


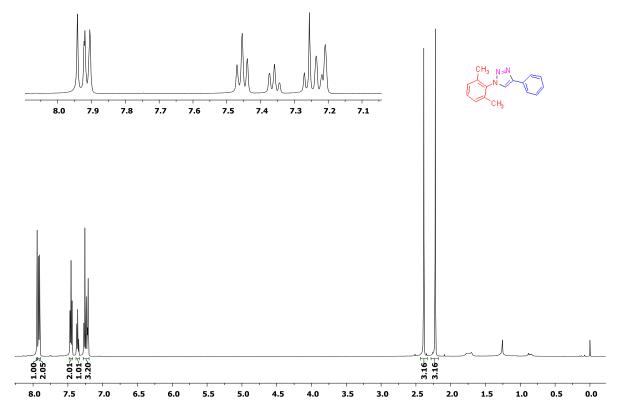
 $^{1}\text{H NMR}$ (500 MHz, CDCl₃) spectrum of compound $\mathbf{4o}$



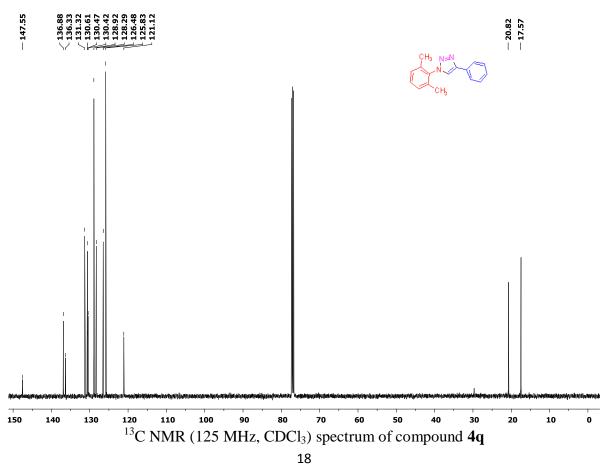


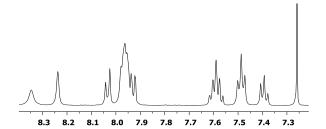
 $^{1}\text{H NMR}$ (500 MHz, CDCl₃) spectrum of compound 4p

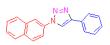


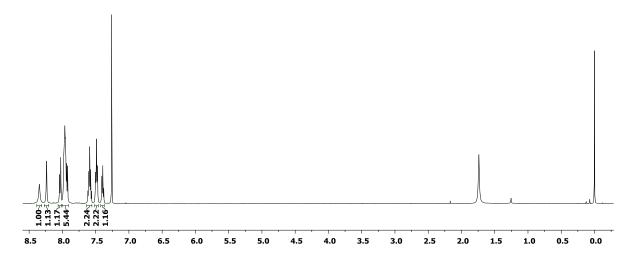


 $^{1}\text{H NMR}$ (500 MHz, CDCl₃) spectrum of compound 4q

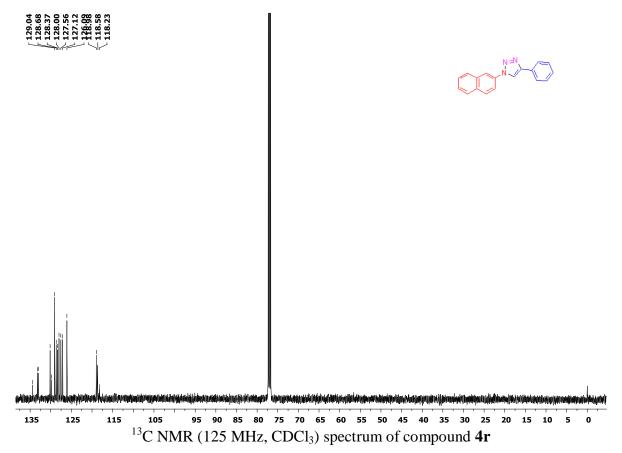


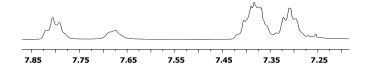




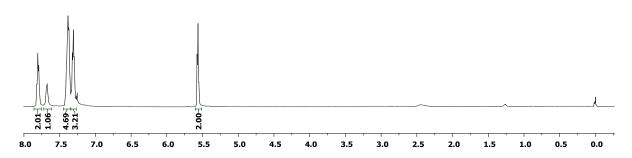


 $^1\mbox{H}$ NMR (500 MHz, CDCl3) spectrum of compound 4r

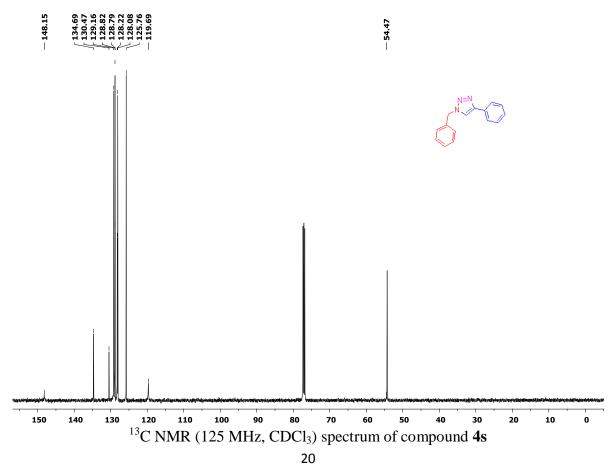


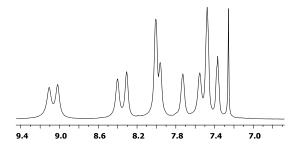




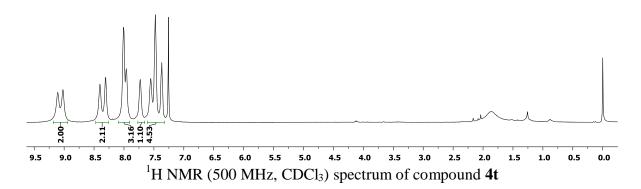


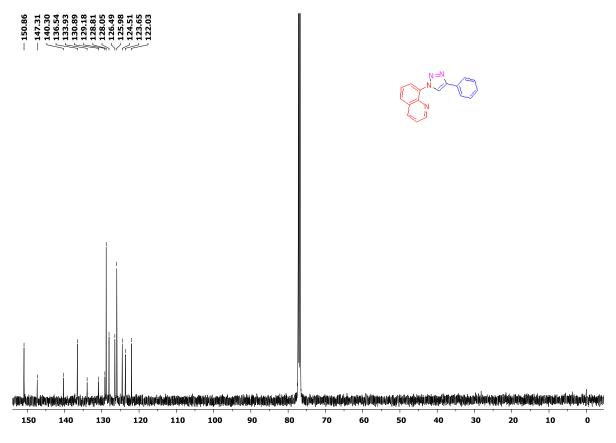
 $^{1}\text{H NMR}$ (500 MHz, CDCl₃) spectrum of compound 4s



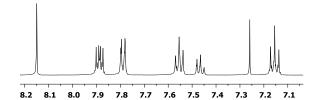




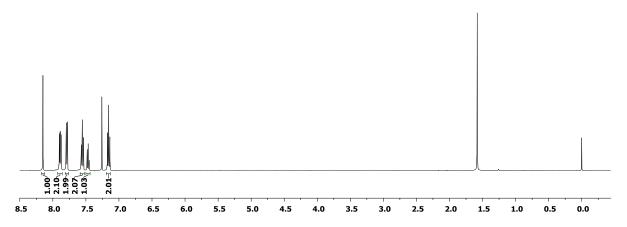




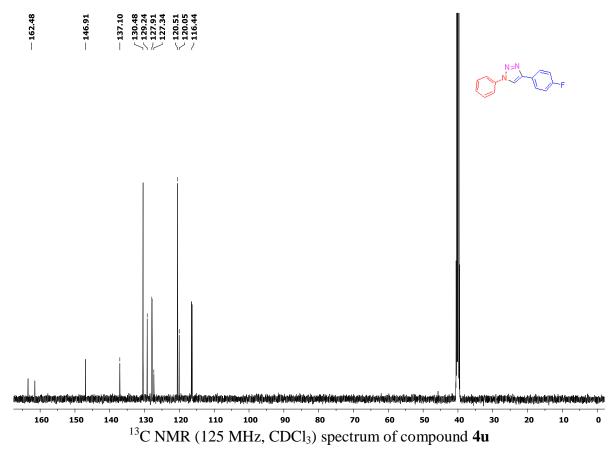
 ^{13}C NMR (125 MHz, CDCl3) spectrum of compound 4t

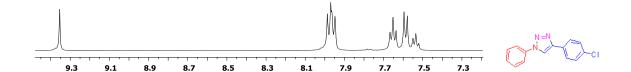


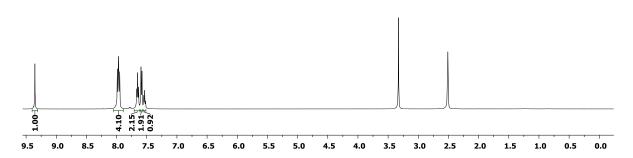




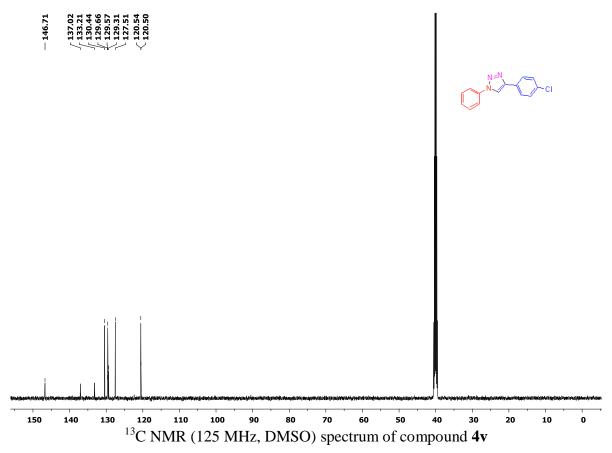
 ^{1}H NMR (500 MHz, CDCl₃) spectrum of compound 4u

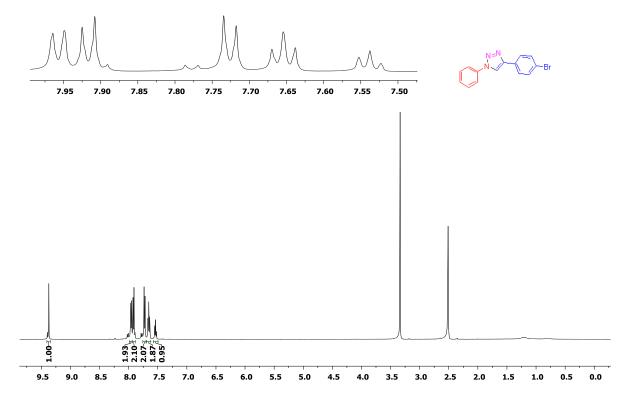




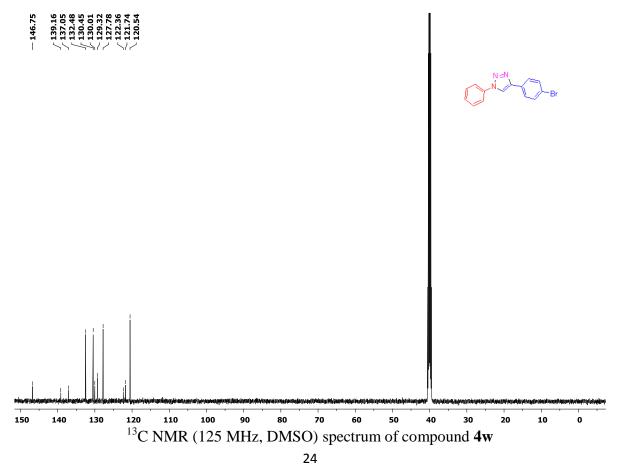


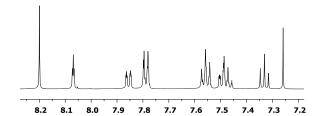
 $^{1}\text{H NMR}$ (500 MHz, DMSO) spectrum of compound 4v



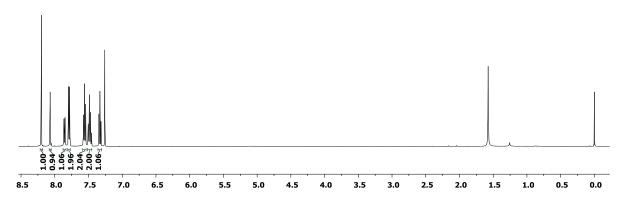


 1 H NMR (500 MHz, DMSO) spectrum of compound 4w



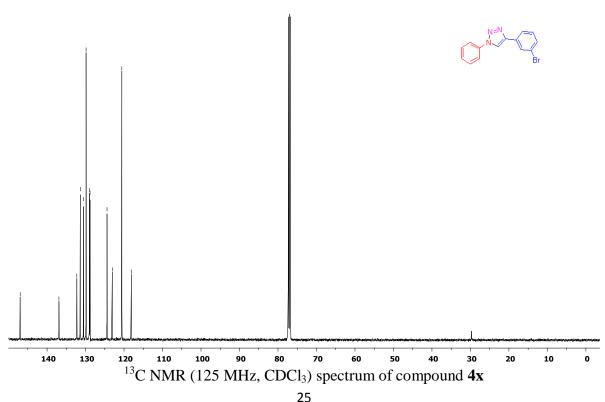


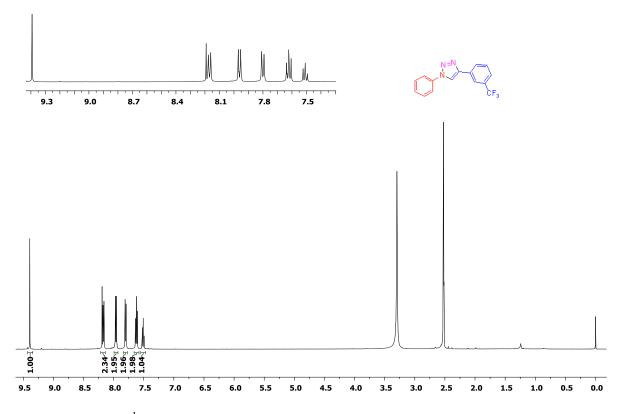




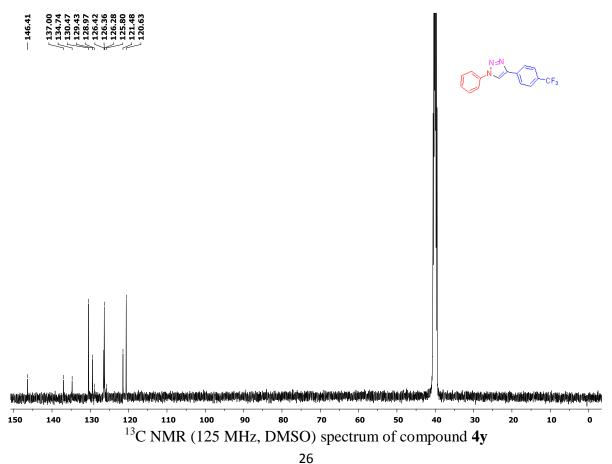
 $^{1}\text{H NMR}$ (500 MHz, CDCl₃) spectrum of compound 4x

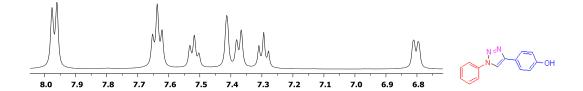


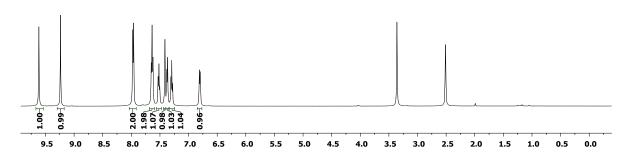




¹H NMR (500 MHz, DMSO) spectrum of compound **4y**

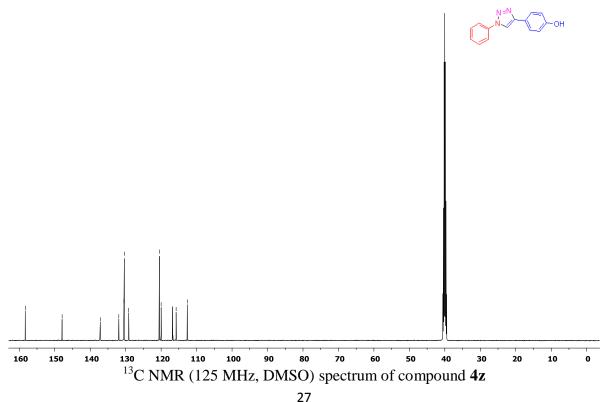


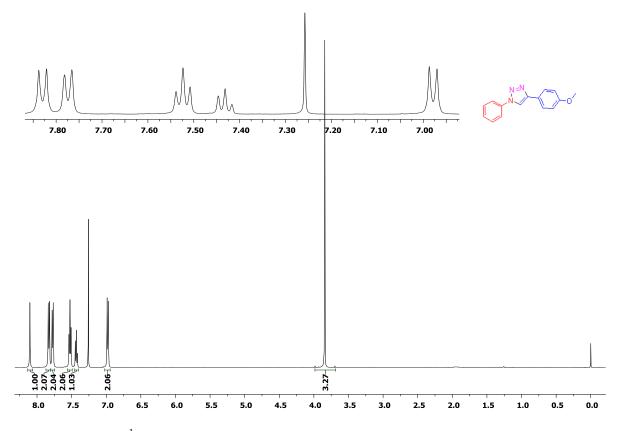




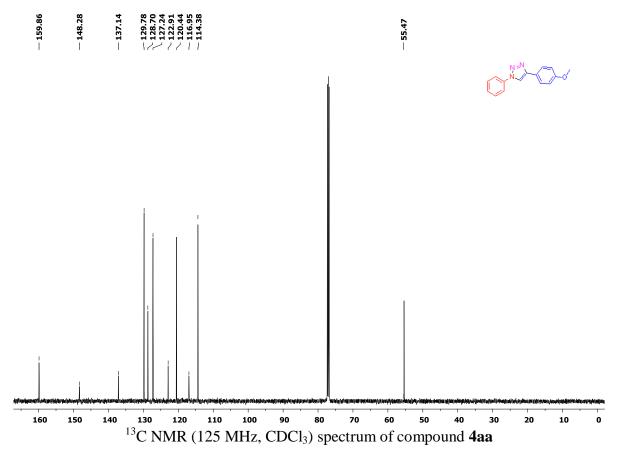
¹H NMR (500 MHz, DMSO) spectrum of compound **4z**

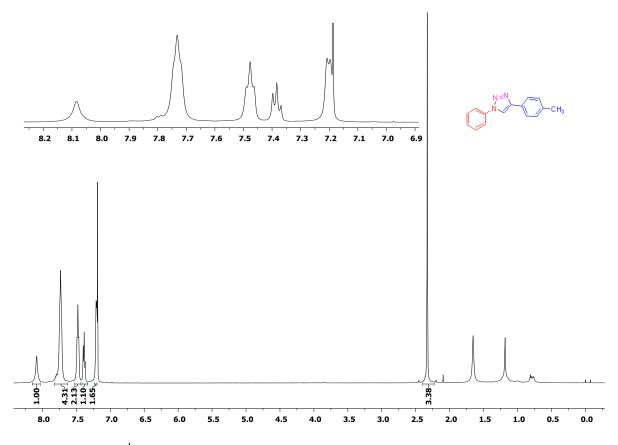




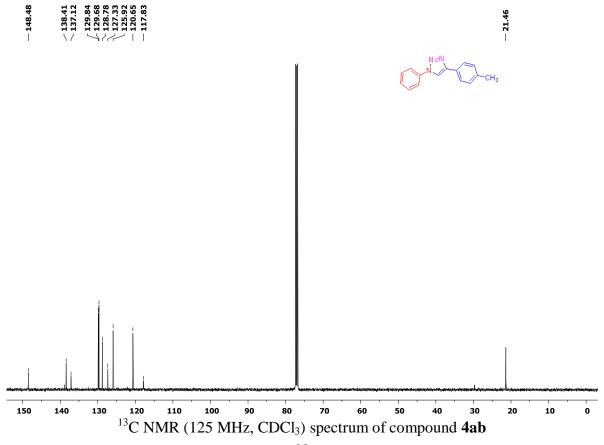


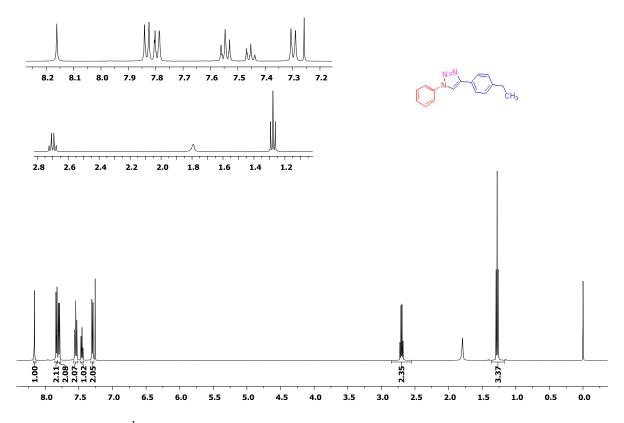
¹H NMR (500 MHz, CDCl₃) spectrum of compound **4aa**



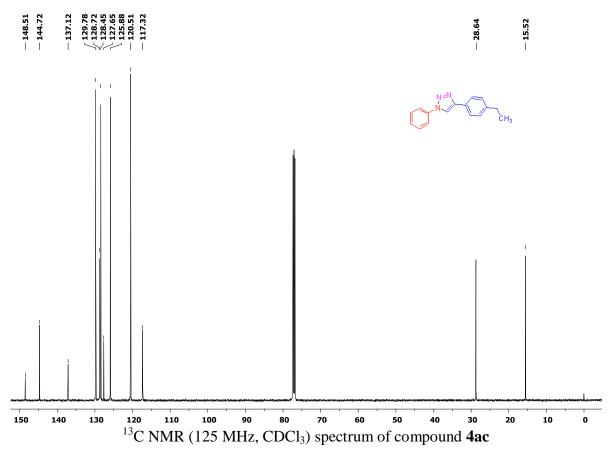


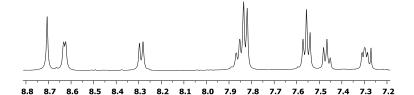
¹H NMR (500 MHz, CDCl₃) spectrum of compound **4ab**



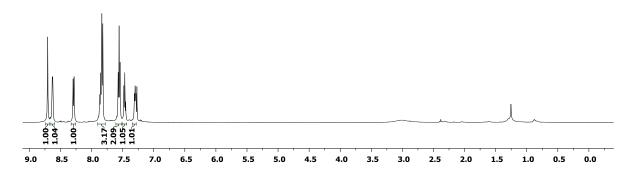


¹H NMR (500 MHz, CDCl₃) spectrum of compound **4ac**

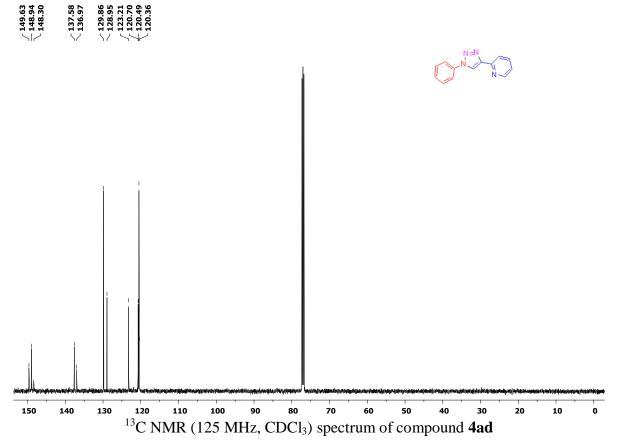


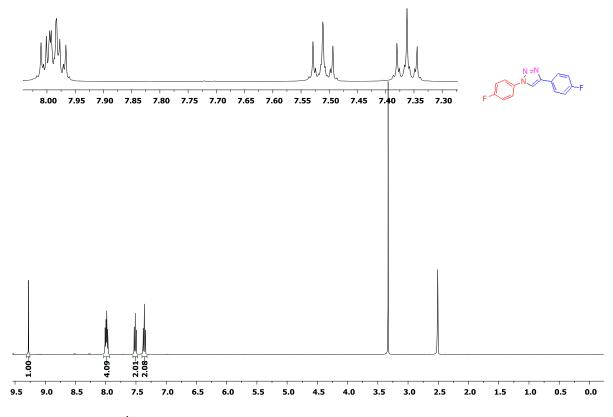




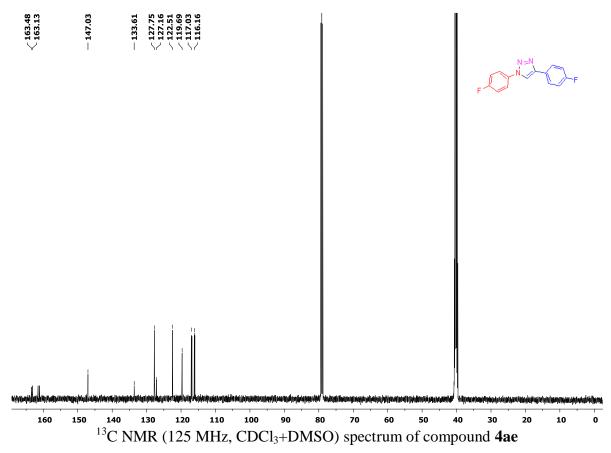


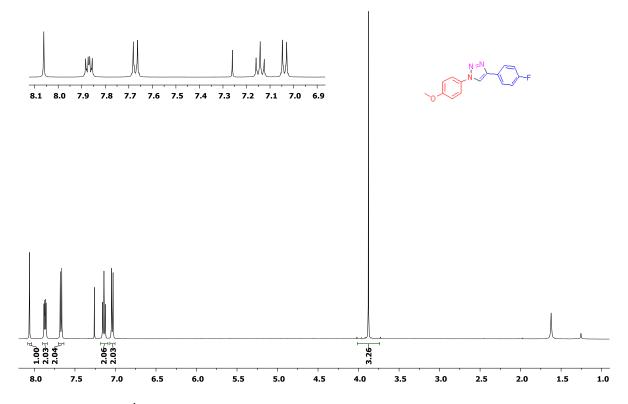
 ^{1}H NMR (500 MHz, CDCl₃) spectrum of compound **4ad**



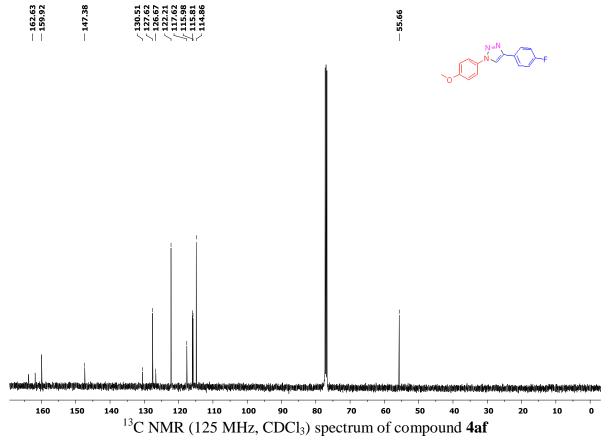


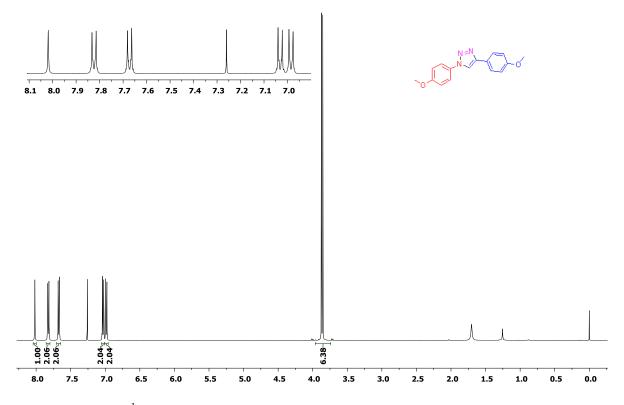
¹H NMR (500 MHz, DMSO) spectrum of compound **4ae**





¹H NMR (500 MHz, DMSO) spectrum of compound **4af**





¹H NMR (500 MHz, CDCl₃) spectrum of compound **4ag**

